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October 30, 2020

VIA E-FILING

The Honorable Kimberly D. Bose
Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426

Re: ***Public Service Company of Colorado***
Xcel Energy Operating Companies Joint Open Access Transmission Tariff
Revisions to the Tariff and Attachment O-PSCo Transmission Formula Rate to
Reflect Updated Values in the Calculation of Schedules 3, 3A and 16
Docket No. ER21-____-000

Dear Secretary Bose:

Pursuant to section 205 of the Federal Power Act (“FPA”), 16 U.S.C. § 824d, and section 35.13 of the Rules and Regulations of the Federal Energy Regulatory Commission (“Commission” or “FERC”), 18 C.F.R. § 35.13 (2020), Public Service Company of Colorado (“PSCo”)¹ hereby submits revisions to the Xcel Energy Operating Companies Joint Open Access Transmission Tariff (“Xcel Energy OATT” or “Tariff”). The enclosed tariff revisions will (i) update the reserve requirements for Schedule 3, Regulation and Frequency Response Service, and Schedule 3A, Regulation and Frequency Response Service for Point-to-Point Transmission Service for the PSCo Balancing Authority Area, including separate rates for use of wind and solar resources; (ii) update the reserve requirements for Schedule 16, Flex Reserve Service; and (iii) make associated conforming tariff and formula rate changes. Together, the enclosed revisions are intended to permit PSCo to better allocate the increasing costs of Variable Energy Resource (“VER”) integration on the PSCo system from transmission customers who utilize VER energy. The enclosed revisions will result in an overall decrease in Schedule 3 and 3A rates to PSCo’s transmission customers and an increase in Schedule 16 rates to transmission customers.

PSCo respectfully requests an effective date of January 1, 2021, for the enclosed revisions. Due to privileged information contained in certain attached exhibits, PSCo is providing public and confidential versions of this filing pursuant to 18 C.F.R. § 388.112.

¹ PSCo is the designated e-Tariff filing entity for the Xcel Energy OATT, consistent with the requirements of Order No. 714.

I. INTRODUCTION

PSCo is a wholly owned utility operating company subsidiary of Xcel Energy Inc. (“Xcel Energy”), a public utility holding company. PSCo is a vertically-integrated electric utility that, *inter alia*, generates, transmits, distributes, and sells electric energy at cost-based regulated rates to approximately 1.5 million retail customers in the State of Colorado subject to the regulatory authority of the CoPUC. Xcel Energy Services Inc. (“XES”) is the centralized service company subsidiary of Xcel Energy. As such, XES makes filings with, and appears in proceedings before, the Commission on behalf of PSCo and the other Xcel Energy Operating Companies.²

PSCo provides open access wholesale transmission services to transmission customers under Parts II or III of the Tariff and ancillary-only services to ancillary service customers under Part IV of the Tariff. Approximately 82 percent of the transmission loads on the PSCo system are PSCo retail native loads; the remaining 18 percent are wholesale loads. PSCo operates a Balancing Authority Area (“BAA”) in the Western Interconnection region.

As the Commission recognized in its Final Rule on the *Integration of Variable Energy Resources*, VERs increase the variability on a transmission system.³ This increased variability carries with it an increased need for the transmission provider to have flexible resources to balance generation and load. In light of the need to integrate increasing levels of VERs on its transmission system, in 2014 PSCo filed revised rates for Regulation and Frequency Response Service that differentiated among load, VERs, and non-VERs,⁴ similar to prior rate filings accepted by the Commission.⁵ PSCo also proposed a new ancillary service, Flex Reserve Service, in order to recover its costs for reserves held by PSCo to address sudden large downward wind ramps on its system. Since 2010, PSCo had carried these “Flex Reserves,” which were 30-minute reserves above and beyond any resources set aside to meet NERC and WECC contingency reserve requirements. PSCo did not receive any recovery through ancillary service rates until its filing in Docket No. ER14-1969-000.

On December 5, 2014, the Commission accepted and suspended PSCo’s tariff revisions in Docket No. ER14-1969-000, summarily deciding a number of rate design issues and setting

² The other Xcel Energy Operating Companies are Northern States Power Company, a Minnesota corporation (“NSPM”), Northern States Power Company, a Wisconsin corporation (“NSPW”), and Southwestern Public Service Company (“SPS”). The rates of the other Xcel Energy Operating Companies are not affected by this filing.

³ *Integration of Variable Energy Resources*, Order No. 764, FERC Stats. & Regs. ¶ 31,331 (2012) (“Order No. 764”), *order on reh’g*, Order No. 764-A, FERC Stats. & Regs. ¶ 61,232 (2012) (“Order No. 764-A”), *order on reh’g and clarification*, Order No. 764-B, 144 FERC ¶ 61,222 (2013) (“Order No. 764-B”).

⁴ *See Public Service Company of Colorado*, Proposed Tariff Revisions, Docket No. ER14-1969-000 (May 15, 2014).

⁵ *See, e.g., Westar Energy, Inc.*, 130 FERC ¶ 61,215 (2010), *on reh’g*, 137 FERC ¶ 61,142 (2011); *Puget Sound Energy, Inc.*, 137 FERC ¶ 61,063 (2011).

the remaining aspects of the rates for settlement judge and hearing procedures.⁶ The remaining issues subsequently were resolved by a settlement agreement that was approved by the Commission on March 3, 2016.⁷

Schedules 3, 3A, and 16 of the Tariff are calculated pursuant to a formula rate with stated or fixed inputs for the reserve requirements underlying the rate calculations. Section 8.a(vii) of the Implementation Procedures set forth in Appendix 1 of Attachment O-PSCo of the Tariff (“Implementation Procedures”) that are applicable to PSCo’s formula rate for ancillary services provides that PSCo may, through a section 205 filing, modify the stated values for the “Required Capacity” used for Ancillary Service Schedule 3 (Regulation and Frequency Response Service), Schedule 3A (Regulation and Frequency Response Service for Point-to-Point Transmission Service for the PSCo Balancing Authority Area), and Schedule 16 (Flex Reserve Service) rates. In this filing, PSCo proposes to update the required capacity for Schedules 3, 3A, and 16 in light of substantial increases in the VERs in the PSCo BAA and corresponding impacts on PSCo’s operations. PSCo’s wind generation portfolio has grown from 2,159 MW at the time of the filing in Docket No. ER14-1969-000 to over 3,900 MW today.⁸ Utility-scale solar has increased from 86 MW at the time of the filing in Docket No. ER14-1969-000 to 306 MW.

Consistent with Section 8.a of the Implementation Procedures, this filing primarily updates the underlying reserve studies for Schedules 3, 3A, and 16. The studies are conducted in the same manner as in the prior case in Docket No. ER14-1969-000.⁹ However, as part of its update to the Required Capacity for Schedules 3 and 3A, PSCo proposes to break out the Schedule 3 VER charge to identify the unique reserve needs associated with transmission customers’ use of wind and solar resources in PSCo’s BAA, thereby more precisely matching the reserves costs incurred by these two very different types of resources with their causation. The methodology for determining the Schedule 3 and 3A charges for VER Wind and VER Solar is the same as PSCo used in Docket No. ER14-1969-000 to identify the reserve requirements for VERs as a combined class.

Through this filing, the rates for Schedules 3 and 3A will decrease, but the rate for Schedule 16 will increase. On balance, there will be an overall increase in revenues to PSCo from Schedules 3, 3A, and 16 of approximately \$618,000 annually.¹⁰ The recovery of these

⁶ *Public Service Company of Colorado*, 149 FERC ¶ 61,208 at P 66 (2014).

⁷ *Public Service Company of Colorado*, 154 FERC ¶ 61,164 (2016).

⁸ *See* Testimony of Drake T. Bartlett, Exhibit No. XES-0001 (“Bartlett Testimony”) at 7, 23.

⁹ While section 8.a of the Implementation Procedures permit a section 205 filing to update the reserve obligations, PSCo has not limited the support in this filing and notes that the materials accompanying this filing, including the testimony and other exhibits, fully justify the rate design.

¹⁰ *See* Testimony of Kourtnei M. Yager, Exhibit No. XES-0012 (“Yager Testimony”) at 10.

generation-related ancillary services revenues will result in revenue credits to PSCo's production formula.¹¹

II. COMMUNICATIONS AND SERVICE

PSCo respectfully requests that all correspondence, communications, and service related to this filing be directed to the following individuals:¹²

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III. DESCRIPTION OF PROPOSED REVISIONS

A. Schedules 3 and 3A, Regulation and Frequency Response Service

1. Background

Established in Order No. 888, Regulation and Frequency Response Service is an ancillary service necessary to provide the continuous balancing of resources (generation and interchange) with load and for maintaining the scheduled Interconnection frequency. As the Commission explained in Order No. 888, someone must supply extra generating capacity, called regulating margin, and provide a controlled dispatch of that capacity to balance the moment-to-moment

¹¹ PSCo's customers under the Assured Power and Energy Requirements Tariff ("Assured Power Tariff") receive a credit against their rates for revenues received by PSCo for the provision of ancillary services under the Xcel Energy OATT. Contemporaneously with this filing, PSCo is submitting a filing under FPA section 205 to revise the production formula rate template ("Production Template") in PSCo's Assured Power Tariff to align the template's references in the calculation of revenue credits to the revised tariff records included with this filing.

¹² PSCo respectfully requests waiver of 18 C.F.R. § 385.203(b)(3) to permit the designation of more than two individuals to receive service related to this filing.

variations in the load located in a control area.¹³ In addition to meeting the moment-to-moment fluctuations in load, Regulation and Frequency Response provides the capacity necessary for balancing within-the-hour variations in load.¹⁴ Regulation and Frequency Response Service originally was intended to compensate the transmission provider only for the capacity costs associated with managing the variability of load. However, the Commission has permitted transmission providers to recover the capacity costs of managing the variability associated with generators exporting out of the transmission provider's BAA.¹⁵ Furthermore, the Commission permits public utility transmission providers to charge Regulation and Frequency Response service rates that differentiate between VERs, dispatchable generation (or "non-VERs") and load, in light of the different burdens caused by them.¹⁶

When PSCo proposed its current rate design for Regulation and Frequency Response Service rates in Docket No. ER14-1969-000, the Commission summarily found in favor of PSCo's proposed rate design for Regulation and Frequency Response on several key points, including, among other things, findings that PSCo's rate design and reserves calculation complied with Commission precedent.¹⁷

2. Updated Reserves for Regulation and Frequency Response Service and VER Wind and VER Solar Charges

PSCo proposes no change to the underlying rate design principles of its existing Schedules 3 and 3A, established in Docket No. ER14-1969-000, which differentiate among VERs, Non-VERs, and load, but PSCo does propose to update the reserve requirements to reflect current conditions and to break out the VER charge into a charge applicable to wind resources

¹³ See *Promoting Wholesale Competition Through Open Access Nondiscriminatory Transmission Services by Public Utilities and Recovery of Stranded Costs by Public Utilities and Transmitting Utilities*, 61 Fed. Reg. 21,540 (1996), FERC Stats. & Regs. ¶ 31,036 at 31,960 (1996) (Order No. 888), *order on reh'g*, Order No. 888-A, 62 Fed. Reg. 12,274 (1997), FERC Stats. & Regs. ¶ 31,048 (1997), *order on reh'g*, Order No. 888-B, 62 Fed. Reg. 64,688, 81 FERC ¶ 61,248 (1997), *order on reh'g*, Order No. 888-C, 82 FERC ¶ 61,046 (1998), *aff'd in relevant part sub nom. Transmission Access Policy Study Group, et al. v. FERC*, 225 F.3d 667 (D.C. Cir. 2000), *aff'd sub nom., New York v. FERC*, 535 U.S. 1 (2002).

¹⁴ See *Allegheny Power Service Corp.*, 85 FERC ¶ 61,275 at 62,120 (1998) ("[L]oad following must be available at all times both to cover the moment-to-moment load fluctuations and to match resources (including those which may be block scheduled) to load throughout the hour. . ."); *Kentucky Utilities Co.*, 85 FERC ¶ 61,274 at 62,108 (1998) (explaining that, through Regulation and Frequency Response service, "utilities are required to 'provide for the continuous balancing of resources with load,' by which we meant not just the moment-to-moment balancing, but also any other on-going balancing of generation resources with load that might be required to maintain system reliability (e.g., the balancing needed to accommodate block schedules between control areas).").

¹⁵ See *Florida Power Corp.*, 89 FERC ¶ 61,263 (1999); *Entergy Services, Inc.*, 120 FERC ¶ 61,042 (2007); *Sierra Pacific Resources Operating Cos.*, 125 FERC ¶ 61,026 (2008).

¹⁶ See *Westar Energy, Inc.*, 130 FERC ¶ 61,215 (2010), *order on reh'g*, 137 FERC ¶ 61,142 (2011); *Puget Sound Energy, Inc.*, 137 FERC ¶ 61,063 (2011).

¹⁷ *Public Service Company of Colorado*, 149 FERC ¶ 61,208 at P 67.

and solar resources. PSCo applied the same basic methodology to determining the Fast-Moving Reserves and Following Reserves obligations for each class of customer as it used in Docket No. ER14-1969-000. This methodology includes conducting a portfolio analysis to ensure that the reserves obligations for the different sources of the reserves requirements (i.e., Wind VER generation, Solar VER generation, non-VER generation, and load) for the Schedule 3 and Schedule 3A services are allocated pursuant to a method that takes into account the relative contribution, or offsetting benefit, of each other source.¹⁸

The testimony of Mr. Bartlett addresses the updates to PSCo's reserve requirements for Regulation and Frequency Response Service and the need for separate charges for Wind VER and Solar VER. PSCo has a goal of an 80% reduction in carbon emissions by the year 2030 relative to 2005 levels of carbon emissions. To achieve this goal, PSCo is contemplating the addition of several GWs each of incremental wind and solar generation. In anticipation of significantly more solar generation capacity, PSCo has spent significant effort to understand the characteristics of solar generation and the associated reliability impacts and has concluded that there are fundamental differences in the characteristics of wind and solar generation that warrant treating these resources as separate contributing resources to Regulating Reserve.

As Mr. Bartlett's testimony shows, wind and solar generation have very different impacts on the provision on Regulation and Frequency Response service. After applying the "fair allocation" portfolio analysis required by Commission precedent and in the same manner as in the ER14-1969-000 case,¹⁹ Mr. Bartlett explains that the Fast-Moving Reserves obligation for Solar VERs is 1.33 MW versus 5.76 MW for Wind VERs.²⁰ The differences extend to the Following Reserves calculation, which yields a 2.04 MW obligation for Solar VERs and 58.26 MW for Wind VERs.²¹ Given these differences, it is just and reasonable to divide the VER category of Regulation and Frequency Response Service into two categories: Wind VER and Solar VER. This differentiation will enable PSCo to more accurately allocate the different costs associated with balancing Wind VERs from those associated with balancing Solar VERs, while at the same time ensuring that customers pay rates more closely reflecting the actual cost of their service.

After identifying the necessary reserve requirements for Regulation and Frequency Response Service, the testimony of Mr. Parks describes how PSCo updated the specific capacity

¹⁸ See Bartlett Testimony at 15.

¹⁹ See *Public Service Company of Colorado*, 149 FERC ¶ 61,208 at P 77 ("We agree with PSCo that use of the fair allocation method produces an obligation for VERs, non-VERs, and load that considers their offsetting deviations, resulting in a lower overall Regulation and Frequency Response reserves requirement than would otherwise be the case.").

²⁰ See Bartlett Testimony at 18. PSCo used the same "Fair Allocation" portfolio analysis as was used in its filing in Docket No. ER14-1969-000. The portfolio analysis is discussed further, *infra*, at § III.A.3 of this letter.

²¹ See *id.* at 18-19.

associated with providing the necessary reserves.²² PSCo's methodology, which again is carried forward from the Docket No. ER14-1969-000 filing, has two basic steps. First, using historical data, PSCo identified the units most likely to provide five different types of reserves: Fast-Moving Reserves, Spinning Reserves, Supplemental Reserves, Following Reserves, and Flex Reserves.²³ The "units most likely approach" is a Commission-approved pricing methodology for determining the pricing of ancillary services.²⁴ Second, in light of the fact that the same units may be capable of providing multiple types of reserves, PSCo performed an iterative pro rata allocation process to allocate the capacity among the reserve products and to ensure that the same capacity is not double-counted.²⁵

After the capacity in the resource pool is determined for each service, the existing formula rate uses a levelized plant methodology to develop the individual rates for Schedule 3 and 3A. Each plant's installed cost is multiplied by a fixed charge rate under the existing formula rate to determine an annual cost per kW of regulation capacity.²⁶ PSCo proposes no changes to these aspects of its existing formula rate for ancillary services, except as necessary to accommodate the delineated VER charges for wind and solar resources.

Under Schedule 3, customers will continue to pay a Regulation and Frequency Response Service charge based on the sum of the charges applicable to their load and their use of non-VERs, but the revisions will require customers to also pay for their use of Wind VERs and Solar VERs instead of VERs as a single class. Customers taking service under Schedule 3A (i.e., point-to-point transmission customers with load external to the PSCo BAA) will pay the rate applicable to the resource for which the service is provided. Ancillary Service Customers taking Balancing Area services under Part IV of the Xcel Energy OATT will continue to be subject to the Schedule 3 rates, as revised, and continue to be charged in a manner similar to Network transmission service customers.

The effect of the updates to the formula rate for Schedule 3 and Schedule 3A are a rate decrease. Applying the updated reserve obligations to 2019 volumes, the table below summarizes the rate impact of the changes, as compared to PSCo's current rates.

²² See Exhibit No. XES-0004, Testimony of Keith A. Parks ("Parks Testimony") at 7-8. For Spinning Reserves (Schedule 5) and Supplemental Reserves (Schedule 6), PSCo is proposing no change to the rates for these services.

²³ *Id.*

²⁴ *Consumers Energy Co.*, 86 FERC ¶ 63,004 at 65,055 (1999), *aff'd*, 98 FERC ¶ 61,333 (2002).

²⁵ See Parks Testimony at 7-8.

²⁶ See Exhibit XES-0016, WP_FCR

	Current	Proposed
Load:	\$1.14/kW/year	\$0.77/kW/year
Non-VER generation:	\$0.22/kW/year	\$0.05/kW/year
Wind VER generation:	\$1.86/kW/year (single VER charge)	\$1.63/kW/year
Solar VER generation:	\$1.86/kW/year (single VER charge)	\$0.88/kW/year

The testimony of Ms. Yager supports PSCo's statements BG/BH, which also demonstrates the rate increase from the updated reserve requirements. Ms. Yager explains that Schedule 3 - load will pay approximately 32 percent lower rates, resulting in an estimated reduction in PSCo's revenues from that rate of \$718,000.²⁷ Schedule 3 – Non-VERs will pay approximately 75 percent lower rates, resulting in an estimated reduction in PSCo's revenues from that rate of \$297,000.²⁸ Schedule 3 – Wind VERs will pay approximately 12 percent lower rates, resulting in an estimated reduction in PSCo's revenues from that rate of \$52,000.²⁹ Schedule 3 – Solar VERs will pay approximately 52 percent lower rates, resulting in an estimated reduction in PSCo's revenues from that rate of \$114,000.³⁰ With regard to Schedule 3A, no current customers take long-term point-to-point transmission service to export generation, so effectively, there is no rate impact to current customers.

3. Order No. 764 and Commission Precedent Regarding the Design of Schedule 3 Rates

In Order No. 764, the Commission provided guidance on factors that should be considered when designing Regulation and Frequency Response Service charges that distinguish between VERs and other customers. As noted earlier, section 8(a) of the Implementation Procedures provide that the reserve obligation and reserve capacity may be updated through a section 205 filing. In this filing, PSCo is proposing to update the reserve obligations under the existing formula rates as opposed to proposing an entirely new formula rate, so a re-justification of a rate design that has already been found to satisfy Order No. 764 should be unnecessary. However, out of an abundance of caution, PSCo provides the following discussion regarding how PSCo's rates for Schedules 3 and 3A calculated under the formula rate continue to comply with the guidance of Order No. 764.

²⁷ Yager Testimony at 9.

²⁸ *Id.*

²⁹ *Id.*

³⁰ *Id.*

1. *Public utility transmission providers seeking to distinguish customers into classes for the purpose of requiring them to purchase or otherwise account for different quantities of generation regulating reserves should do so only to the extent such classes and distinctions among classes are reasonably related to operational similarities and differences among those resources.*³¹

In its proposed revisions, PSCo has only distinguished between Wind VERs, Solar VERs, non-VERs, and Load. These separate classes each impose a different Regulation and Frequency Response reserves burden, as Mr. Bartlett explains in his testimony,³² and therefore, distinguishing among them for purposes of the rates is rationally related to their characteristics.

2. *To the extent a public utility transmission provider proposes to break customers into specific groups based on operational characteristics, we expect public utility transmission providers to provide detailed explanations as to why such classifications are appropriate if and when they propose to allocate different generating regulation reserve obligations to different customer classes.*³³

PSCo's rate classifications continue to satisfy this principle. PSCo's rates are differentiated based upon load, Wind VER, Solar VER, and non-VER generation. The testimony of Mr. Bartlett explains how the operational characteristics of each class supports the differentiated rates. The Commission has previously accepted breaking VERs, non-VERs, and Load into distinct groups for purposes of Regulation and Frequency Response rates in *Westar Energy, Inc.*, 130 FERC ¶ 61,215 (2010). In that case, the Commission found that Westar's proposal to assess VER generation a higher regulation requirement was consistent with cost causation principles because Westar had provided data showing that intermittent generators' deviations were distinct from those of dispatchable generators.³⁴ In this filing, PSCo has identified the distinct Regulation and Frequency Response burdens imposed by Load, Wind VERs, Solar VERs and non-VERs. Prior to a portfolio benefits allocation analysis that considers their offsetting deviations, the Regulation and Frequency Response reserve burdens of these different classes calculated based upon their deviations were:

³¹ Order No. 764 at P 318.

³² Bartlett testimony at 7-8, 11-20.

³³ Order No. 764 at P 319.

³⁴ *Westar Energy, Inc.*, 130 FERC ¶ 61,215 at P 36 (2010).

Reserve Type	Reserve Requirement (<i>prior to portfolio analysis allocation</i>)
Load Following	104.72 MW
Load Fast-Moving	94.66 MW
Wind VER Following	132.78 MW
Wind VER Fast-Moving	43.81 MW
Solar VER Following	36.93 MW
Solar VER Fast-Moving	20.83 MW
Non-VER Fast-Moving	49.25 MW

3. *To the extent a public utility transmission provider proposes to differentiate among customers (or customer classes) in determining their relative regulating reserve responsibilities, the public utility transmission provider must demonstrate that the overall quantity of regulating reserve it requires of its transmission customers accounts for diversity benefits among all resources and loads, and the allocations to individual customers (or customer classes) of their proportionate share is based on the operational characteristics of such customers (or customer classes).*³⁵

The testimony of Mr. Bartlett discusses the calculation of Flex Reserve Service requirements as well as the necessary volumes of Regulation and Frequency Response Service. He explains that PSCo used a “fair allocation” method of assigning Regulation and Frequency Response Service obligations among Wind VERs, Solar VERs, non-VERs and Load,³⁶ which—with the exception of breaking out wind and solar resources from a single “VER” category—is the same methodology used in PSCo’s filing accepted in Docket No. ER14-1969-000. The fair allocation method allocates the costs of Regulation and Frequency Response Service to Wind VERs, Solar VERs, non-VERs, and Load based upon their relative contributions to the need for the service. This methodology results in an obligation for Wind VERs, Solar VERs, non-VERs and Load that considers their offsetting deviations, resulting in a lower, overall Regulation and Frequency Response reserves requirement than would otherwise be the case. PSCo also incorporated an adjustment to reflect contributions from the larger electric grid, which further reduced the overall reserve requirements.³⁷ After considering the offsetting deviations of Load,

³⁵ Order No. 764 at P 320.

³⁶ Bartlett Testimony at 15.

VERs, and non-VERs, the resulting reserve margins are considerably reduced, as shown in the following table:

Reserve Type	Reserve Requirement prior to portfolio analysis allocation	Reserve Requirement with portfolio analysis allocation
Load Following	104.72 MW	34.41 MW
Load Fast-Moving	94.66 MW	31.22 MW
Wind VER Following	132.78 MW	58.26 MW
Wind VER Fast-Moving	43.81 MW	5.76 MW
Solar VER Following	36.93 MW	2.04 MW
Solar VER Fast-Moving	20.83 MW	1.33 MW
Non-VER Fast-Moving	49.25 MW	4.43 MW

4. *Weather events such as droughts may affect the required quantity of generator regulating reserves that the public utility transmission provider must have in reserve more or less during one portion of the year versus another portion of the year. In such cases, these diversity events, though perhaps characterized as anomalies, should be included in the data set so that the quantity and costs of such reserves are more reflective of actual system operations.*³⁸

PSCo's rates continue to satisfy this principle. PSCo used consecutive, 12-month Generation Availability Data System ("GADS") data and did not exclude any weather events from the data set.

5. *In designing any proposals for generator regulation service charges, a public utility transmission provider should consider the extent to which transmission customers are using intra-hour scheduling in evaluating whether to require*

³⁷ Mr. Bartlett explains the regulation benefit PSCo receives from the larger electric grid interconnect, which PSCo refers to as the "Tie Line Benefit" and which reflects PSCo's ability to focus its deployment of reserves to respond to large Area Control Error ("ACE") deviations rather than smaller ACE deviations. See Bartlett Testimony at 9-10. PSCo incorporated the same adjustment in its analysis in Docket No. ER14-1969-000.

³⁸ Order No. 764 at P 321.

*different transmission customers to purchase or otherwise account for different quantities of generator regulating reserves.*³⁹

Although most of PSCo's load does not use intra-hour scheduling, Mr. Bartlett's testimony explains that, in the rate design of the Regulation and Frequency Response Service rates, PSCo used a fifteen-minute Centered Moving Average ("CMA") to measure deviations for which it must hold reserves.⁴⁰ The Commission accepted PSCo's use of the CMA in Docket No. ER14-1969-000 as consistent with Commission precedent.⁴¹ PSCo's existing rate design does not include additional margins for differences between forecasts or schedules and actual performance,⁴² which would have resulted in higher reserve requirements. Therefore, continuation of PSCo's rate design satisfies the fifth principle.

*6. There also is a relationship between the use of power production forecasting and the allocation of generator regulation reserve quantities to a particular class of customers. . . . [T]he Commission finds that power production forecasts can provide public utility transmission providers with advanced knowledge of system conditions needed to manage the variability of VER generation through the unit commitment and dispatch process, rather than through the deployment of reserve services, such as regulation reserve. Without the increased situational awareness of projected variability provided by power production forecasts, the public utility transmission provider's ability to commit or de-commit resources providing regulation reserves efficiently can be constrained. This lack of situational awareness potentially can result in rates for generator regulation service that are unjust and unreasonable or unduly discriminatory.*⁴³

In designing Regulation and Frequency Response requirements, PSCo eliminated any notion of forecasting error in its rate design.⁴⁴ PSCo's rates only measure the variability of Wind VERs, Solar VERs, Load, and non-VERs in designing its rates, not their uncertainty. Thus, the underlying concerns of the sixth principle are inapplicable.

PSCo's existing rate design also satisfies the requirements of other applicable Commission precedent. For example, in *Kentucky Utilities Company*,⁴⁵ the Commission explained that Regulation and Frequency Response Service includes the capacity necessary to

³⁹ *Id.* at P 322.

⁴⁰ Bartlett testimony at 5-6.

⁴¹ *Public Service Company of Colorado*, 149 FERC ¶ 61,208 at P 67.

⁴² *Id.* at P 81 ("PSCo's proposed rate design measures the variability of VERs, non-VERs, and load based on actual output data, and thus is intended to eliminate any forecasting error in its rate design.").

⁴³ Order No. 764 at P 323.

⁴⁴ *Public Service Company of Colorado*, 149 FERC ¶ 61,208 at P 81.

⁴⁵ 85 FERC ¶ 61,274 (1998).

follow moment-to-moment fluctuations in load as well as the capacity necessary for other on-going balancing of generation resources with load that might be required to maintain system reliability. PSCo's Schedule 3 rates (and Schedule 3A rates) are designed to recover the capacity costs associated with the former type of balancing through "Fast-Moving Reserves" and the latter type of balancing through "Following Reserves."⁴⁶ Also, consistent with *Kentucky Utilities Company*, Mr. Bartlett explains that, in his calculations, the amount of reserves needed for Following Reserves was divided by two.⁴⁷ The Commission concluded in Docket No. ER14-1969-000 that PSCo's rate design complied with this precedent.⁴⁸

In Order No. 890, the Commission explained that, to the extent public utility transmission providers seek to recover "demand charges" associated with the cost of holding reserves to meet imbalances, they must demonstrate that their proposed charges do not allow for double recovery of such costs.⁴⁹ The testimony of Mr. Parks discusses the allocation of capacity costs among the relevant ancillary services using the "units most likely methodology" consistent with Commission precedent and an iterative pro rata allocation among the ancillary services and among the units, which eliminates any possibility of double recovery of capacity costs.⁵⁰

B. Schedule 16, Flex Reserve Service

1. Background

Flex Reserve Service is an ancillary service for supplemental reserves needed to maintain generation and load balance in the event of a reduction of online wind generation of 100 MW or more in thirty minutes due to losses in wind speed. As PSCo's total wind generation portfolio has grown in recent years, PSCo has experienced an increasing frequency of large losses of on-line wind generation due to reductions in wind speed. In its case in Docket No. ER14-1969-000, PSCo explained that during the 2012-2013 study period used in that filing, PSCo experienced 119 wind generation ramp-down events of more than 300 MW in thirty minutes, and the largest loss in that time period was 646 MW.⁵¹ PSCo included the following table that summarized the growth in wind resources and associated growth in frequency of downward wind ramps during the years preceding its filing⁵²:

⁴⁶ Bartlett Testimony at 6.

⁴⁷ *Id.* at 9.

⁴⁸ *Public Service Company of Colorado*, 149 FERC ¶ 61,208 at P 67.

⁴⁹ *See* Order No. 890 at P 690.

⁵⁰ Parks Testimony at 4, 7-8.

⁵¹ *See Public Service Company of Colorado*, Proposed Tariff Revisions, transmittal letter at 16, Docket No. ER14-1969-000 (May 15, 2014).

⁵² *Id.*

Largest PSCo Wind Generation down-ramps by year
Loss of Wind Generation greater than 300 MW in 30 minutes or less

	2010	2011	2012	Jan-Aug, '13
Average Installed Capacity	1259	1547	1855	2173
Number of Ramps	13	40	59	83
Largest Ramp	469	618	788	646

Upon its review of the support provided in PSCo's filing in Docket No. ER14-1969-000, the Commission found that PSCo had demonstrated that "wind generation creates a distinct need for holding additional reserves due to the increase of wind generation down ramps that have shown a corresponding increase as the level of wind generation increases on PSCo's system."⁵³ The Commission also stated that "[w]e are persuaded by PSCo's argument that, as more wind generation integrates on its system, which PSCo expects in the near future, it will continue to need sufficient reserve capacity to address the large, sustaining losses of wind output."⁵⁴ The Commission conditionally accepted PSCo's proposed Flex Reserve Service, subject to the outcome of settlement judge and hearing procedures, which resulted in a settlement agreement approved by the Commission.⁵⁵

2. Updated Reserve Requirement for Flex Reserve Service

The current reserve requirement of 411 MW for Flex Reserve Service has become insufficient in light of the increased growth of wind resources on PSCo's system. During the 12-month period from July 1, 2019 through June 30, 2020, PSCo experienced 107 wind ramp events in which PSCo lost over 411 MW of wind generation in 30 minutes or less.⁵⁶ The largest 30-minute loss of wind generation over this time period was 1,002 MW and the largest wind ramp was a loss of 2,203 MW over 305 minutes.⁵⁷

As the Commission noted in its order in Docket No. ER14-1969-000, "continuing to allow [PSCo's] production customers to subsidize the costs of Flex Reserves would not be just and reasonable, and would be inconsistent with the Commission's cost causation principles."⁵⁸ Thus, it is just and reasonable for transmission customers to bear their fair share of an accurate reserve requirement for Flex Reserve Service that reflects current conditions rather than permit production customers to subsidize the service.

⁵³ *Public Service Company of Colorado*, 149 FERC ¶ 61,208 at P 86.

⁵⁴ *Id.* at P 92.

⁵⁵ *Public Service Company of Colorado*, 154 FERC ¶ 61,164 (2016).

⁵⁶ Bartlett Testimony at 23.

⁵⁷ *Id.* at 23-24.

⁵⁸ *Public Service Company of Colorado*, 149 FERC ¶ 61,208 at P 92 (internal citations omitted).

To determine the updated reserve requirement for Flex Reserve Service, Mr. Bartlett explains that PSCo calculated the hourly averaged Flex Reserve requirement for the study period and used a confidence interval of 95% to determine the reserves necessary, on average, to meet the Flex Reserve requirement 95% of the time.⁵⁹ This same approach was used in PSCo's filing in Docket No. ER14-1969-000. The resulting Flex Reserve requirement is 977 MW,⁶⁰ which is equivalent to a 23.86% Reserved Capacity Factor. The testimony of Mr. Parks discusses the identification of the units "most likely" to provide Flex Reserves, which is the lowest quality of reserves in the pro rata allocation of capacity among all of PSCo's reserve products.⁶¹

Applying the updated reserve requirement of 977 MW to 2019 volumes, the formula rate for Flex Reserve Service yields a rate of \$18.07/kW/year.⁶² The total increase in PSCo OATT ancillary services revenue from Schedule 16 is estimated at approximately \$1.8 million.⁶³

C. Other Non-Rate Terms and Conditions Revisions

In addition to the changes to the formula rate template for Schedules 3, 3A, and 16, revisions are included to Section 1 of the Xcel Energy OATT. The revisions to Section 1 are necessary to define the new terms Wind Variable Energy Resource and Solar Variable Energy Resource.

IV. PROPOSED EFFECTIVE DATE, REQUEST FOR SUSPENSION, AND REQUEST FOR WAIVERS

PSCo requests that the Commission issue an order prior to January 1, 2021, and that the proposed tariff revisions be accepted for filing. PSCo requests an effective date of January 1, 2021, more than sixty (60) days after filing.

The rates proposed to be changed by this filing are the rates for Schedule 3, Schedule 3A, and Schedule 16, which are calculated pursuant to a formula rate that uses a historical test year based upon Form 1 data. Accordingly, consistent with waivers granted by the Commission in other cases concerning formula rates, PSCo includes Statements BG/BH as evidence of the rate impacts of this filing, but respectfully requests waiver of the other requirements of section 35.13 of the Commission's regulations to provide full Period I and Period II cost-of service statements and data.⁶⁴ PSCo also respectfully requests waiver of any other requirements of the

⁵⁹ Bartlett Testimony at 26.

⁶⁰ *Id.*

⁶¹ Parks Testimony at 7-8; Exhibit No. XES-0007.

⁶² 23.86% Reserved Capacity Factor x \$6.312/kW-month x 12 months = \$18.07/kW/year.

⁶³ Yager Testimony at 10; *see* Exhibit No. XES-0017 (Statements BG/BH).

⁶⁴ *See Commonwealth Edison Co.*, 119 FERC ¶ 61,238 at P 94 (2007); *Trans-Allegheny Interstate Line Co.*, 119 FERC ¶ 61,257 at P 57 (2007); *Duquesne Light Co.*, 118 FERC ¶ 61,087 at P 79 (2007); *PPL Elec. Utils. Corp.*, 125 FERC ¶ 61,121, at P 40-41 (2008); *Pub Serv. Elec. & Gas Co.*, 124 FERC ¶ 61,303, at P

Commission's rules and regulations, as well as any additional authorizations as may be necessary or required, to permit the revised rates to be accepted by the Commission and made effective in the manner proposed herein.

V. REQUEST FOR CONFIDENTIAL TREATMENT

Exhibit Nos. XES-0007 and XES-0008 contain the privileged and confidential ramp rates for PSCo's generators used in the development of the proposed rates. If released, this proprietary information would cause PSCo competitive harm. Accordingly, PSCo respectfully requests confidential treatment for Exhibit Nos. XES-0007 and XES-0008 pursuant to 18 C.F.R. § 388.112. Consistent with the Commission's requirements, PSCo is filing a confidential version of this filing and a public redacted version of this filing that excludes Exhibit Nos. XES-0007 and XES-0008. A proposed protective order, based upon the Commission's Model Protective Order is attached to this filing.

VI. CONTENTS OF THIS FILING

This filing consists of the following documents:

- This transmittal letter;
- Revisions to the Xcel Energy OATT in eTariff format;
- Attachment A: Attestation of PSCo's Vice President and Controller, Jeffrey S. Savage, pursuant to 18 C.F.R. § 35.13(d)(6);
- Attachment B: Testimony and accompanying exhibits of Drake T. Bartlett, Senior Market Operations Analyst for Xcel Energy Services Inc. (Exhibit Nos. XES-0001 – XES-0003);
- Attachment C: Testimony and accompanying exhibits of Keith A. Parks, Senior Market Operations Analyst for Xcel Energy Services Inc. (Exhibit Nos. XES-0004 – XES-0011);
- Attachment D: Testimony and accompanying exhibits of Kourtnei M. Yager, Principal Rate Analyst for Xcel Energy Services Inc., including clean and marked tariff records (Exhibit Nos. XES-0012 – XES-0017);
- Attachment E: Proposed Protective Order pursuant to 18 C.F.R. § 388.112.

VII. SERVICE AND POSTING

An electronic copy or notice of this filing will be served on all customers of PSCo taking transmission or ancillary services under the Xcel Energy OATT and on the Public Utilities Commission of Colorado.

In advance of this filing, on September 30, 2020, PSCo provided notice of this filing and an estimate of the rate impacts to its transmission customers.

A copy of this filing will be available for public inspection at the offices of Xcel Energy – Transmission Services at 414 Nicollet Mall – MP8, Minneapolis, Minnesota 55401; and at the offices of PSCo at 1800 Larimer Street, Denver, CO 80202. A copy of this filing will also be posted at the Open Access Transmission Tariff filings pages of the Xcel Energy Inc. website (www.xcelenergy.com).

VIII. INFORMATION REQUIRED BY 18 C.F.R § 35.13

A. Documents Submitted with the Rate change – Section 35.13(b)(1)

See Section VI, *supra*.

B. Date on Which the Utility Proposes to Make the Rate Change Effective – Section 35.13(b)(2)

PSCo requests an effective date of January 1, 2021, more than 60 days after filing. *See* Section IV, *supra*.

C. The Names and Addresses of Persons to Whom a Copy of the Rate Change Has Been Posted – Section 35.13(b)(3)

See Section VI, *supra*.

D. Brief Description of the Rate change – Section 35.13(b)(4)

See Section III, *supra*.

E. Statement of the Reasons for the Rate Change – Section 35.13(b)(5)

See Sections II and III, *supra*. *See also* Testimony of Drake T. Bartlett (Exhibit No. XES-0001).

F. Showing re: Requisite Agreement to the Rate Change – Section 35.13(b)(6)

PSCo is not required to obtain agreement to the rate changes proposed. However, consistent with section 10 of the settlement agreement in Docket Nos. ER12-1589-000 *et al.*, as discussed above, PSCo provided a copy of a draft of this filing to its transmission customers for their prior review on September 30, 2020, 30 days prior to the filing.

G. Showing re: Expenses or Costs Included in the Cost-of-Serve Statement – Section 35.13(b)(7)

No costs or expenses included herein have been alleged or judged in any administrative or judicial proceeding to be illegal, duplicative, or unnecessary costs that are demonstrably the product of discriminatory employment practices.

H. Information relating to the Effect of the Rate Change – Section 35.13(c)

Exhibit No. XES-0012, Testimony of Kourtnei M. Yager, includes PSCo's Statement BG and Statement BH, which contain the requisite information relating to the effect of the rate change.

I. Cost-of-Service Information, Periods I and II Date – Sections 35.13(d)(1),(2) and Section 35.13(h)

As discussed above, PSCo is proposing to revise the Regulation and Frequency Response rates under Schedules 3 and 3A of the Xcel Energy OATT and revise the Flex Reserve Service rate under Schedule 16. The cost-of-service and rate design information that support this filing are set forth in the Testimony and Exhibits of Drake T. Bartlett, Keith Parks, and Kourtnei M. Yager. As discussed in section IV of this letter, PSCo requests waiver of the additional requirements of part 35.13 to submit further information or cost-of-service information beyond Statements BG and BH.

J. Work Papers – Section 35.13(d)(5)

No work papers are being submitted with this filing.

K. Attestation – Section 35.13(d)(6)

The attestation of PSCo's Chief Financial Officer, required by 18 C.F.R. § 35.13(d)(6), is included as Attachment A to this filing.

The Honorable Kimberly D. Bose
October 30, 2020
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IX. CONCLUSION

PSCo sincerely appreciates the Commission's prompt attention to this matter. Please direct any questions regarding this filing to the undersigned. Thank you.

Respectfully submitted,

/s/ *Diane Watkins*

Diane Watkins
Manager, Federal Regulatory Affairs and SOC
Xcel Energy Services Inc.
On behalf of
Public Service Company of Colorado

Attachments

1 Definitions

- 1.1 Affiliate:** With respect to a corporation, partnership, or other entity, each such other corporation, partnership or other entity that directly or indirectly, through one or more intermediaries, controls, is controlled by, or is under common control with, such corporation, partnership or other entity.
- 1.2 Ancillary Services:** Those services, that are necessary to support the transmission of capacity and energy from resources to loads while maintaining reliable operation of the Transmission Provider's Transmission System in accordance with Good Utility Practice.
- 1.3 Annual Transmission Costs:** The total annual cost of the Transmission System for purposes of Network Integration Transmission Service shall be the amount specified in Attachment H until amended by the Transmission Provider or modified by the Commission.
- 1.4 Application:** A request by an Eligible Customer for transmission service pursuant to the provisions of the Tariff.
- 1.5 Commission:** The Federal Energy Regulatory Commission.
- 1.6 Completed Application:** An Application that satisfies all of the information and other requirements of the Tariff, including any required deposit.
- 1.7 Control Area:** An electric power system or combination of electric power systems to which a common automatic generation control scheme is applied in order to:
- (1) match, at all times, the power output of the generators within the electric power system(s) and capacity and energy purchased from entities outside the electric power system(s), with the load within the electric power system(s);
 - (2) maintain scheduled interchange with other Control Areas, within the limits of Good Utility Practice;
 - (3) maintain the frequency of the electric power system(s) within reasonable limits in accordance with Good Utility Practice; and
 - (4) provide sufficient generating capacity to maintain operating reserves in accordance with Good Utility Practice.
- 1.8 Curtailment:** A reduction in firm or non-firm transmission service in response to a transfer capability shortage as a result of system reliability conditions.
- 1.9 Delivering Party:** The entity supplying capacity and energy to be transmitted at Point(s) of Receipt.

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- 1.10 Designated Agent:** Any entity that performs actions or functions on behalf of the Transmission Provider, an Eligible Customer, or the Transmission Customer required under the Tariff.
- 1.11 Direct Assignment Facilities:** Facilities or portions of facilities that are constructed by the Transmission Provider for the sole use/benefit of a particular Transmission Customer requesting service under the Tariff. Direct Assignment Facilities shall be specified in the Service Agreement that governs service to the Transmission Customer and shall be subject to Commission approval.
- 1.12 Eligible Customer:** (i) Any electric utility (including the Transmission Provider and any power marketer), Federal power marketing agency, or any person generating electric energy for sale for resale is an Eligible Customer under the Tariff. Electric energy sold or produced by such entity may be electric energy produced in the United States, Canada or Mexico. However, with respect to transmission service that the Commission is prohibited from ordering by Section 212(h) of the Federal Power Act, such entity is eligible only if the service is provided pursuant to a state requirement that the Transmission Provider offer the unbundled transmission service, or pursuant to a voluntary offer of such service by the Transmission Provider. (ii) Any retail customer taking unbundled transmission service pursuant to a state requirement that the Transmission Provider offer the transmission service, or pursuant to a voluntary offer of such service by the Transmission Provider, is an Eligible Customer under the Tariff.
- 1.13 Facilities Study:** An engineering study conducted by the Transmission Provider to determine the required modifications to the Transmission Provider's Transmission System, including the cost and scheduled completion date for such modifications that will be required to provide the requested transmission service.
- 1.14 Firm Point-To-Point Transmission Service:** Transmission Service under this Tariff that is reserved and/or scheduled between specified Points of Receipt and Delivery pursuant to Part II of this Tariff.
- 1.15 Good Utility Practice:** Any of the practices, methods and acts engaged in or approved by a significant portion of the electric utility industry during the relevant time period, or any of the practices, methods and acts which, in the exercise of reasonable judgment in light of the facts known at the time the decision was made, could have been expected to accomplish the desired result at a reasonable cost consistent with good business practices, reliability, safety and expedition. Good Utility Practice is not intended to be limited to the optimum practice, method, or act to the exclusion of all others, but rather to be acceptable practices, methods, or acts generally accepted in the region, including those practices required by Federal Power Act section 215(a)(4).
- 1.16 Interruption:** A reduction in non-firm transmission service due to economic reasons pursuant to Section 14.7.
- 1.17 Load Ratio Share:** For Network Integration Transmission Service where PSCo is the Transmission Provider, the Load Ratio Share shall be the ratio of a Transmission Customer's Average Network Load to the Transmission Provider's Average

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Transmission System Load computed in accordance with Sections 34.3 and 34.6 of the Network Integration Transmission Service under Part III of the Tariff.

For Network Integration Transmission Service where NSP is the Transmission Provider, the Load Ratio Share shall be the ratio of a Transmission Customer's Network Load to the Transmission Provider's total Transmission System Load computed in accordance with Section 34.5 of the Network Integration Transmission Service under Part III of the Tariff.

For Network Integration Transmission Service where SPS is the Transmission Provider, the Load Ratio Share shall be the ratio of a Transmission Customer's Average Network Load to the Transmission Provider's Average Transmission System Load computed in accordance with Sections 34.3 and 34.6 of the Network Integration Transmission Service under Part III of the Tariff.

- 1.18 Load Shedding:** The systematic reduction of system demand by temporarily decreasing load in response to transmission system or area capacity shortages, system instability, or voltage control considerations under Part III of the Tariff.
- 1.19 Long-Term Firm Point-To-Point Transmission Service:** Firm Point-To-Point Transmission Service under Part II of the Tariff with a term of one year or more.
- 1.20 Native Load Customers:** The wholesale and retail power customers of the Transmission Provider on whose behalf the Transmission Provider, by statute, franchise, regulatory requirement, or contract, has undertaken an obligation to construct and operate the Transmission Provider's system to meet the reliable electric needs of such customers.
- 1.21 NERC TLR Procedures:** Transmission Loading Relief procedures developed by the North American Electric Reliability Council ("NERC") which enable Transmission Providers to curtail transactions both on and off the contract path that contribute to an overload on the electric system in order to preserve system reliability.
- 1.22 Network Customer:** An entity receiving transmission service pursuant to the terms of the Transmission Provider's Network Integration Transmission Service under Part III of the Tariff.
- 1.23 Network Integration Transmission Service:** The transmission service provided under Part III of the Tariff.
- 1.24 Network Load:** The load that a Network Customer designates for Network Integration Transmission Service under Part III of the Tariff. The Network Customer's Network Load shall include all load served by the output of any Network Resources designated by the Network Customer. A Network Customer may elect to designate less than its total load as Network Load but may not designate only part of the load at a discrete Point of Delivery. Where an Eligible Customer has elected not to designate a particular load at discrete points of delivery as Network Load, the Eligible Customer is responsible for

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making separate arrangements under Part II of the Tariff for any Point-To-Point Transmission Service that may be necessary for such non-designated load.

- 1.25 Network Operating Agreement:** An executed agreement that contains the terms and conditions under which the Network Customer shall operate its facilities and the technical and operational matters associated with the implementation of Network Integration Transmission Service under Part III of the Tariff.
- 1.26 Network Operating Committee:** A group made up of representatives from the Network Customer(s) and the Transmission Provider established to coordinate operating criteria and other technical considerations required for implementation of Network Integration Transmission Service under Part III of this Tariff.
- 1.27 Network Resource:** Any designated generating resource owned, purchased or leased by a Network Customer under the Network Integration Transmission Service Tariff. Network Resources do not include any resource, or any portion thereof, that is committed for sale to third parties or otherwise cannot be called upon to meet the Network Customer's Network Load on a non-interruptible basis, except for purposes of fulfilling obligations under a reserve sharing program.
- 1.28 Network Upgrades:** Modifications or additions to transmission-related facilities that are integrated with and support the Transmission Provider's overall Transmission System for the general benefit of all users of such Transmission System.
- 1.29 Non-Firm Point-To-Point Transmission Service:** Point-To-Point Transmission Service under the Tariff that is reserved and scheduled on an as-available basis and is subject to Curtailment or Interruption as set forth in Section 14.7 under Part II of this Tariff. Non-Firm Point-To-Point Transmission Service is available on a stand-alone basis for periods ranging from one hour to one month.
- 1.30 Non-Firm Sale:** An energy sale for which receipt or delivery may be interrupted for any reason or no reason, without liability on the part of either the buyer or seller.
- 1.31 Non-Variable Energy Resource:** Non-Variable Energy Resource is a device for the production of electricity that is not a Variable Energy Resource.
- 1.32 Open Access Same-Time Information System (OASIS):** The information system and standards of conduct contained in Part 37 of the Commission's regulations and all additional requirements implemented by subsequent Commission orders dealing with OASIS.
- 1.33 Part I:** Tariff Definitions and Common Service Provisions contained in Sections 2 through 12.
- 1.34 Part II:** Tariff Sections 13 through 27 pertaining to Point-To-Point Transmission Service in conjunction with the applicable Common Service Provisions of Part I and appropriate Schedules and Attachments.

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- 1.35 Part III:** Tariff Sections 28 through 35 pertaining to Network Integration Transmission Service in conjunction with the applicable Common Service Provisions of Part I and appropriate Schedules and Attachments.
- 1.35A Part IV:** Tariff Sections 36 through 40 pertaining to Balancing Authority Ancillary Services in conjunction with the applicable Common Service Provisions of Part I and appropriate Schedules and Attachments.
- 1.36 Parties:** The Transmission Provider and the Transmission Customer or Ancillary Service Customer receiving service under the Tariff.
- 1.37 Point(s) of Delivery:** Point(s) on the Transmission Provider's Transmission System where capacity and energy transmitted by the Transmission Provider will be made available to the Receiving Party under Part II of the Tariff. The Point(s) of Delivery shall be specified in the Service Agreement for Long-Term Firm Point-To-Point Transmission Service.
- 1.38 Point(s) of Receipt:** Point(s) of interconnection on the Transmission Provider's Transmission System where capacity and energy will be made available to the Transmission Provider by the Delivering Party under Part II of the Tariff. The Point(s) of Receipt shall be specified in the Service Agreement for Long-Term Firm Point-To-Point Transmission Service.
- 1.39 Point-To-Point Transmission Service:** The reservation and transmission of capacity and energy on either a firm or non-firm basis from the Point(s) of Receipt to the Point(s) of Delivery under Part II of the Tariff.
- 1.40 Power Purchaser:** The entity that is purchasing the capacity and energy to be transmitted under the Tariff.
- 1.41 Pre-Confirmed Application:** An Application that commits the Eligible Customer to execute a Service Agreement upon receipt of notification that the Transmission Provider can provide the requested Transmission Service.
- 1.42 Receiving Party:** The entity receiving the capacity and energy transmitted by the Transmission Provider to Point(s) of Delivery.
- 1.43 Regional Transmission Group (RTG):** A voluntary organization of transmission owners, transmission users and other entities approved by the Commission to efficiently coordinate transmission planning (and expansion), operation and use on a regional (and interregional) basis.
- 1.44 Reserved Capacity:** The maximum amount of capacity and energy that the Transmission Provider agrees to transmit for the Transmission Customer over the Transmission Provider's Transmission System between the Point(s) of Receipt and the Point(s) of Delivery under Part II of the Tariff. Reserved Capacity shall be expressed in terms of whole megawatts (500 kW per hour on the NSP System) on a sixty (60) minute interval (commencing on the clock hour) basis.

- 1.45 Service Agreement:** The initial agreement and any amendments or supplements thereto entered into by the Transmission Customer or Ancillary Service Customer and the Transmission Provider for service under the Tariff.
- 1.46 Service Commencement Date:** The date the Transmission Provider begins to provide service pursuant to the terms of an executed Service Agreement, or the date the Transmission Provider begins to provide service in accordance with Section 15.3, Section 29.1, or Section 37.5 under the Tariff.
- 1.47 Short-Term Firm Point-To-Point Transmission Service:** Firm Point-To-Point Transmission Service under Part II of the Tariff with a term of less than one year.
- 1.48 Solar Variable Energy Resource:** A type of Variable Energy Resource that utilizes the sun as an energy source.
- 1.49 System Condition:** A specified condition on the Transmission Provider's system or on a neighboring system, such as a constrained transmission element or flowgate that may trigger Curtailment of Long-Term Firm Point-to-Point Transmission Service using the curtailment priority pursuant to Section 13.6. Such conditions must be identified in the Transmission Customer's Service Agreement.
- 1.50 System Impact Study:** An assessment by the Transmission Provider of (i) the adequacy of the Transmission System to accommodate a request for either Firm Point-To-Point Transmission Service or Network Integration Transmission Service and (ii) whether any additional costs may be incurred in order to provide transmission service.
- 1.51 Third-Party Sale:** Any sale for resale in interstate commerce to a Power Purchaser that is not designated as part of Network Load under the Network Integration Transmission Service that utilizes the Transmission Provider's transmission system.
- 1.52 Transmission Customer:** Any Eligible Customer (or its Designated Agent) that (i) executes a Service Agreement, or (ii) requests in writing that the Transmission Provider file with the Commission, a proposed unexecuted Service Agreement to receive transmission service under Part II of the Tariff. This term is used in the Part I Common Service Provisions to include customers receiving transmission service under Part II and Part III of this Tariff.
- 1.53 Transmission Provider:** Northern States Power Company (Minnesota) (or its intended successor-in-interest to its utility business) and Northern States Power Company (Wisconsin) (collectively "NSP Companies" or as "NSP"), Public Service Company of Colorado ("PSCo"), or Southwestern Public Service Company ("SPS"), each of which is an operating subsidiary of Xcel Energy Inc. ("Xcel"). NSP, PSCo, and SPS are public utilities that own, control, or operate facilities used for the transmission of electric energy in interstate commerce and provide transmission service under the Tariff. For Network Integration Transmission Service across the Lamar Tie between SPS and PSCo that implements transactions under the Xcel Energy Joint Operating Agreement, the Transmission Provider is both SPS and PSCo. For non-grandfathered Network

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Integration Transmission Service or Point to Point Service between SPS and PSCo across the Lamar Tie, the Transmission Provider is both the Southwest Power Pool, Inc. under the SPP Open Access Transmission Tariff (SPP OATT) and PSCo under the Tariff.

- 1.54 Transmission Provider's Monthly Transmission System Peak:** The maximum firm usage of the Transmission Provider's Transmission System in a calendar month, including all Network Load and Firm Point-To-Point Transmission Service.
- 1.55 Transmission Service:** Point-To-Point Transmission Service provided under Part II of the Tariff on a firm and non-firm basis.
- 1.56 Transmission System:** The facilities owned, controlled or operated by the Transmission Provider that are used to provide transmission service under Part II, Part III and Part IV of the Tariff.
- 1.57 Variable Energy Resource:** A Variable Energy Resource shall mean a device for the production of electricity that is characterized by an energy source that: (1) is renewable; (2) cannot be stored by the facility owner or operator; and (3) has variability that is beyond the control of the facility owner or operator.
- 1.58 Wind Variable Energy Resource:** A type of Variable Energy Resource that utilizes wind as an energy source.

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SCHEDULE 3

Regulation and Frequency Response Service

Regulation and Frequency Response Service is necessary to provide for the continuous balancing of resources (generation and interchange) with load and for maintaining scheduled Interconnection frequency at sixty cycles per second (60 Hz). Regulation and Frequency Response Service is accomplished by committing on-line generation whose output is raised or lowered (predominantly through the use of automatic generating control equipment) and by other non-generation resources capable of providing this service as necessary to follow the moment-by-moment changes in load.

- (a) In the case of service under Parts II or III of this Tariff, the obligation to maintain this balance between resources and load lies with the Transmission Provider (or the Balancing Authority Area operator that performs this function for the Transmission Provider). The Transmission Provider must offer this service when the transmission service is used to serve load within its Balancing Authority Area. The Transmission Customer must either purchase this service from the Transmission Provider or make alternative comparable arrangements to satisfy its Regulation and Frequency Response Service obligation. The Transmission Provider will take into account the speed and accuracy of regulation resources in its determination of Regulation and Frequency Response reserve requirements, including as it reviews whether a self-supplying Transmission Customer has made alternative comparable arrangements. Upon request by the self-supplying Transmission Customer, the Transmission Provider will share with the Transmission Customer its reasoning and any related data used to make the determination of whether the Transmission Customer has made alternative comparable arrangements. The amount of and charges for Regulation and Frequency Response Service are set forth below.
- (b) In the case of service under Part IV of this Tariff, the obligation to maintain the balance between resources and loads lies with the Balancing Authority Operator (BA Operator). The BA Operator must offer this service for Ancillary Service Customers (ASCs) within the Balancing Authority Area. The ASC must either purchase this service from the BA Operator or make alternative comparable arrangements to satisfy the ASC's Regulation and Frequency Response Service obligation.
- (c) Dynamic Scheduling is a means to satisfy the regulation and frequency response function through an alternate comparable arrangement. The Transmission Customer or Ancillary Service Customer will be allowed to use dynamic scheduling when it is feasible and reliable. Dynamic scheduling involves the arrangement for moving generation or load served within one Balancing Authority Area, such that the generation or load is recognized in the real-time control and dispatch of another Balancing Authority Area. Under dynamic scheduling, the operator of a host Balancing Authority Area agrees to

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assign certain customer generation or load to an attaining Balancing Authority Area, and send the associated control signals to balance variability of the assigned generation and load along with its other balancing obligations. Dynamic scheduling is implemented through the use of specific telemetry and control equipment. If the Transmission Provider or BA Operator supplies dynamic scheduling service to the Transmission Customer or Ancillary Service Customer, such charges will be developed at such time as service is requested.

Service by Public Service Company of Colorado:

The Network Integration Service Customer, Ancillary Service Customer, or customer using Point-to-Point Transmission Service from PSCo to serve load in the PSCo Balancing Authority Area shall pay a Regulation and Frequency Response Service charge under this tariff based on the sum of the charges applicable to the customer's Load, Non-Variable Energy Resources, Solar Variable Energy Resources, and Wind Variable Energy Resources, as determined below. Transmission Customers taking Point-to-Point Transmission Service for delivery to a Point of Delivery external to the PSCo Balancing Authority Area shall pay a Regulation and Frequency Response Service Charge under Schedule 3A. The Transmission Provider may not charge a Transmission Customer for service under both Schedule 3 and Schedule 3A for the same transaction.

(a) Load

The charges for Regulation and Frequency Response Service are to be based on the rates set forth below, as found in Attachment O – PSCo of this Tariff.

- 1) Monthly Point-To-Point Delivery: the amount identified on Table 2, line 46 load column of the PSCo formula rate /kW-month of reserved capacity
- 2) Weekly Point-To-Point Delivery: the amount identified on Table 2, line 47 load column of the PSCo formula rate /kW-week of reserved capacity
- 3) Daily Point-To-Point Delivery: the amount identified on Table 2, line 48 load column of the PSCo formula rate /MW-day of reserved capacity
- 4) Daily Point-To-Point Delivery off peak: the amount identified on Table 2, line 49 load column of the PSCo formula rate /MW-day of reserved capacity
- 5) Hourly Point-To-Point Delivery: the amount identified on Table 2, line 50 load column of the PSCo formula rate /MWh of reserved capacity
- 6) Hourly Point-To-Point Delivery off peak: the amount identified on Table 2, line 51 load column of the PSCo formula rate /MWh of reserved capacity
- 7) Network Integration Delivery: the amount identified on Table 2, line 52 load column of the PSCo formula rate /kW-month of Network Load
- 8) Ancillary Services Delivery the amount identified on Table 2, line 53 load column of the PSCo formula rate /kW-month of Ancillary Service Load

b) Non-Variable Energy Resources, billed based on the nameplate capacity of Non-Variable Energy Resources located within the PSCo Balancing Area serving the customer's load as of January 1 of the applicable year.

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The charges for Regulation and Frequency Response Service are to be based on the rates set forth below, as found in Attachment O – PSCo of this Tariff.

- 1) Monthly Point-To-Point Delivery: the amount identified on Table 2, line 46 Non-VER column of the PSCo formula rate /kW-month
- 2) Weekly Point-To-Point Delivery: the amount identified on Table 2, line 47 Non-VER column of the PSCo formula rate /kW-week
- 3) Daily Point-To-Point Delivery: the amount identified on Table 2, line 48 Non-VER column of the PSCo formula rate /MW-day
- 4) Daily Point-To-Point Delivery off peak: the amount identified on Table 2, line 49 Non-VER column of the PSCo formula rate /MW-day
- 5) Hourly Point-To-Point Delivery: the amount identified on Table 2, line 50 Non-VER column of the PSCo formula rate /MWh
- 6) Hourly Point-To-Point Delivery off peak: the amount identified on Table 2, line 51 Non-VER column of the PSCo formula rate /MWh
- 7) Network Integration Delivery: the amount identified on Table 2, line 52 Non-VER column of the PSCo formula rate /kW-month
- 8) Ancillary Services Delivery the amount identified on Table 2, line 53 Non-VER column of the PSCo formula rate /kW-month

(c) Solar Variable Energy Resources, billed based on the nameplate capacity of Solar Variable Energy Resources located within the PSCo Balancing Area serving the customer's load as of January 1 of the applicable year.

The charges for Regulation and Frequency Response Service are to be based on the rates set forth below, as found in Attachment O – PSCo of this Tariff.

- 1) Monthly Point-To-Point Delivery: the amount identified on Table 2, line 46 Solar column of the PSCo formula rate /kW-month
- 2) Weekly Point-To-Point Delivery: the amount identified on Table 2, line 47 Solar column of the PSCo formula rate /kW-week
- 3) Daily Point-To-Point Delivery: the amount identified on Table 2, line 48 Solar column of the PSCo formula rate /kW-day
- 4) Daily Point-To-Point Delivery off peak: the amount identified on Table 2, line 49 Solar column of the PSCo formula rate /kW-day
- 5) Hourly Point-To-Point Delivery: the amount identified on Table 2, line 50 Solar column of the PSCo formula rate /MWh
- 6) Hourly Point-To-Point Delivery off peak: the amount identified on Table 2, line 51 Solar column of the PSCo formula rate /MWh
- 7) Network Integration Delivery: the amount identified on Table 2, line 52 Solar column of the PSCo formula rate /kW-month
- 8) Ancillary Services Delivery the amount identified on Table 2, line 53 Solar column of the PSCo formula rate /kW-month

(c) Wind Variable Energy Resources, billed based on the nameplate capacity of Wind Variable Energy Resources located within the PSCo Balancing Area serving the customer's load as of January 1 of the applicable year.

Proposed Effective Date: 1/1/2021

The charges for Regulation and Frequency Response Service are to be based on the rates set forth below, as found in Attachment O – PSCo of this Tariff.

- 1) Monthly Point-To-Point Delivery: the amount identified on Table 2, line 46 Wind column of the PSCo formula rate /kW-month
- 2) Weekly Point-To-Point Delivery: the amount identified on Table 2, line 47 Wind column of the PSCo formula rate /kW-week
- 3) Daily Point-To-Point Delivery: the amount identified on Table 2, line 48 Wind column of the PSCo formula rate /kW-day
- 4) Daily Point-To-Point Delivery off peak: the amount identified on Table 2, line 49 Wind column of the PSCo formula rate /kW-day
- 5) Hourly Point-To-Point Delivery: the amount identified on Table 2, line 50 Wind column of the PSCo formula rate /MWh
- 6) Hourly Point-To-Point Delivery off peak: the amount identified on Table 2, line 51 Wind column of the PSCo formula rate /MWh
- 7) Network Integration Delivery: the amount identified on Table 2, line 52 Wind column of the PSCo formula rate /kW-month
- 8) Ancillary Services Delivery the amount identified on Table 2, line 53 Wind column of the PSCo formula rate /kW-month

The nameplate capacity of Non-Variable Resources and Solar and Wind Variable Energy Resources used for billing purposes for the calendar year shall be the nameplate capacity of Non-Variable Resources and Solar and Wind Variable Energy Resources serving the customer's load as of January 1 of that calendar year: nameplate capacity figures shall only be updated for billing purposes on January 1 of the applicable year. To facilitate proper billing, the customer shall provide a written certification setting forth each of the customer's Non-Variable Resources and Solar and Wind Variable Energy Resources and the nameplate capacity of each listed resource. This written certification shall be provided on or before December 1 of each year for the following calendar year.

d) An Ancillary Service Customer whose load is served by no more than 10 MW nameplate capacity of Solar and Wind Variable Energy Resources, all of which is interconnected to the distribution system behind the meter, shall not pay the charge set forth in (c) above but shall instead pay an administrative charge equal to \$0.078/kW-month.

Proposed Effective Date: 1-1-2021

SCHEDULE 3A
Regulation and Frequency Response Service for
Point-To-Point Transmission Service
For exports from Public Service Company of Colorado

Regulation and Frequency Response Service is necessary to provide for the continuous balancing of resources (generation and interchange) with load and for maintaining scheduled Interconnection frequency at sixty cycles per second (60 Hz). Regulation and Frequency Response Service is accomplished by committing on-line generation whose output is raised or lowered (predominantly through the use of automatic generating control equipment) and by other non-generation resources capable of providing this service as necessary to follow the moment-by-moment changes in load and moment-to-moment changes for a generator located within the PSCo Balancing Authority Area that is delivering to a load outside the PSCo Balancing Authority Area.

The Transmission Provider must offer this service to Transmission Customers taking Point-to-Point Transmission Service. Notwithstanding the foregoing, the Transmission Provider may not charge a Transmission Customer for service under both Schedule 3 and Schedule 3A for the same transaction.

The Transmission Customer taking such Point-To-Point Transmission Service must either purchase Regulation and Frequency Response Service from the Transmission Provider or make alternative comparable arrangements, as may be further described in applicable PSCo business practices. Alternative comparable arrangements for a Transmission Customer may include self-supply of this service from generation or non-generation resources. The Transmission Provider will take into account the speed and accuracy of regulation resources in its determination of Regulation and Frequency Response reserve requirements, including as it reviews whether a self-supplying Transmission Customer has made alternative comparable arrangements. Upon request by the self-supplying Transmission Customer, the Transmission Provider will share with the Transmission Customer its reasoning and any related data used to make the determination of whether the Transmission Customer has made alternative comparable arrangements.

The amount of and charges for Regulation and Frequency Response Service are set forth below. Charges for Regulation and Frequency Response Service apply to Long-Term Firm Point-to-Point Transmission Service, Short-Term Firm Point-to-Point Transmission Service, and Non-Firm Point-to-Point Transmission Service. The rates below are applied to the amount of the Transmission Customer's Reserved Capacity for Long-Term Firm Point-to-Point Transmission Service, or the Transmission Customer's hourly schedules for Short-Term Firm or Non-Firm Point-to-Point Transmission Service, grossed up for losses as determined under Schedule 14.

(a) Non-Variable Energy Resources billed based on the reserved capacity for Non-Variable Energy Resources located within the PSCo Balancing Area being exported out of the PSCo BA.

The charges for Regulation and Frequency Response Service are to be based on the rates set forth below, as found in Attachment O – PSCo of this Tariff.

Proposed Effective Date: 1-1-2021

Approved Effective Date:

- 1) Monthly Point-To-Point Delivery: the amount identified on Table 2, line 46
Non-VER column of the PSCo formula rate /kW-month of reserved capacity
- 2) Weekly Point-To-Point Delivery: the amount identified on Table 2, line 47
Non-VER column of the PSCo formula rate /kW-week of reserved capacity
- 3) Daily Point-To-Point Delivery: the amount identified on Table 2, line 48
Non-VER column of the PSCo formula rate / MW-day of reserved capacity
- 4) Daily Point-To-Point Delivery off peak: the amount identified on Table 2, line 49
Non-VER column of the PSCo formula rate /MW-day of reserved capacity
- 5) Hourly Point-To-Point Delivery: the amount identified on Table 2, line 50
Non-VER column of the PSCo formula rate /MWh of reserved capacity
- 6) Hourly Point-To-Point Delivery off peak: the amount identified on Table 2, line 51
Non-VER column of the PSCo formula rate /MWh of reserved capacity
month

(b) Solar Variable Energy Resources billed based on the reserved capacity of Solar Variable Energy Resources located within the PSCo Balancing Area being exported out of the PSCo BA.

The charges for Regulation and Frequency Response Service are to be based on the rates set forth below, as found in Attachment O – PSCo of this Tariff.

- 1) Monthly Point-To-Point Delivery: the amount identified on Table 2, line 46
Solar column of the PSCo formula rate /kW-month of reserved capacity
- 2) Weekly Point-To-Point Delivery: the amount identified on Table 2, line 47
Solar column of the PSCo formula rate /kW-week of reserved capacity
- 3) Daily Point-To-Point Delivery: the amount identified on Table 2, line 48
Solar column of the PSCo formula rate / -MW day of reserved capacity
- 4) Daily Point-To-Point Delivery off peak: the amount identified on Table 2, line 49
Solar column of the PSCo formula rate MW-day of reserved capacity
- 5) Hourly Point-To-Point Delivery: the amount identified on Table 2, line 50
Solar column of the PSCo formula rate /MWh of reserved capacity
- 6) Hourly Point-To-Point Delivery off peak: the amount identified on Table 2, line 51
Solar column of the PSCo formula rate /MWh of reserved capacity

(c) Wind Variable Energy Resources billed based on the reserved capacity of Wind Variable Energy Resources located within the PSCo Balancing Area being exported out of the PSCo BA.

The charges for Regulation and Frequency Response Service are to be based on the rates set forth below, as found in Attachment O – PSCo of this Tariff.

- 1) Monthly Point-To-Point Delivery: the amount identified on Table 2, line 46
Wind column of the PSCo formula rate /kW-month of reserved capacity
- 2) Weekly Point-To-Point Delivery: the amount identified on Table 2, line 47
Wind column of the PSCo formula rate /kW-week of reserved capacity
- 3) Daily Point-To-Point Delivery: the amount identified on Table 2, line 48
Wind column of the PSCo formula rate / -MW day of reserved capacity

Proposed Effective Date: 1-1-2021

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- 4) Daily Point-To-Point Delivery off peak: the amount identified on Table 2, line 49
Wind column of the PSCo formula rate MW-day of reserved capacity
- 5) Hourly Point-To-Point Delivery: the amount identified on Table 2, line 50
Wind column of the PSCo formula rate /MWh of reserved capacity
- 6) Hourly Point-To-Point Delivery off peak: the amount identified on Table 2, line 51
Wind column of the PSCo formula rate /MWh of reserved capacity

The nameplate capacity of Non-Variable Resources and Solar and Wind Variable Energy Resources used for billing purposes for the calendar year shall be the nameplate capacity of Non-Variable Resources and Solar and Wind Variable Energy Resources serving the customer's load as of January 1 of the calendar year: nameplate capacity figures shall only be updated for billing purposes on January 1 of the applicable year. To facilitate proper billing, the customer shall provide written certification setting forth each of the customer's Non-Variable Resources and Solar and Wind Variable Energy Resources and the nameplate capacity of each listed resource. This written certification shall be provided on or before December 1 of each year for the following calendar year.

For a Transmission Customer using Point-to-Point Transmission Service to deliver more than one type of generation resources (e.g. Non-Variable Energy Resource generation and Wind Variable Energy Resource generation) , the regulation rate shall be allocated proportionally between the capacity of the different generation types.

The total charge in any day, pursuant to a reservation for Hourly delivery, shall not exceed the Daily Rate pursuant to this Schedule 3A times the highest amount in megawatts of Reserved Capacity in any hour during such day. In addition, the total charge in any week, pursuant to a reservation for Hourly or Daily delivery, shall not exceed the Weekly Rate pursuant to this Schedule 3A times the highest amount in megawatts of Reserved Capacity in any hour during such week.

Proposed Effective Date: 1/1/2021

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SCHEDULE 16

Flex Reserve Service

Flex Reserve Service is needed to maintain generation and load balance in the event of a reduction of online wind generation of 100 MW or more in 30 minutes due to reductions in wind speed. Any Transmission Customer or Ancillary Service Customer using wind generation to serve load in the PSCo Balancing Authority Area or exporting the output of wind generation out of the PSCo Balancing Authority Area must purchase or self-supply Flex Reserve Service.

Flex Reserve Service may be provided by the following resources: (i) generating units that are on-line but unloaded, (ii) generating units off-line but capable of starting in 30 minutes, or (iii) interruptible load or other non-generation resources capable of providing this service.

Determination of Flex Reserve Requirement.

A Transmission Customer's or Ancillary Service Customer's Flex Reserve Service requirement shall be the total Flex Reserve Requirement of 977 MW for the PSCo Balancing Authority multiplied by the customer's proportional share of wind generation in the PSCo Balancing Authority Area, based on the nameplate capacity of installed wind generation in the PSCo Balancing Authority Area serving the customer's load or scheduled exports. This nameplate capacity will be the customer's Flex reserve billing determinants. As conditions change on the PSCo system, PSCo may make a single-issue Section 205 filing with the Commission to update the total Flex Reserve Requirement value.

The Transmission Customer or Ancillary Service Customer shall purchase Flex Reserve Service in the following amounts:

- 1) For Point-To-Point Transmission Service: the Reserve Obligation percentage identified on Table 35, line 29 of the Attachment O-PSCo formula rate
- 2) For Network Integration Transmission Service: the Reserve Obligation percentage identified on Table 35, line 29 of the Attachment O-PSCo formula rate
- 3) For Balancing Authority Area Ancillary Services: the Reserve Obligation percentage identified on Table 35, line 29 of the Attachment O-PSCo formula rate

The charges for Flex Reserve Service are to be based on the rates set forth below, as found in Attachment O – PSCo of this Tariff.

- 4) Monthly Point-To-Point Delivery: the amount identified on Table 2, line 78 of the PSCo formula rate /kW-month
- 5) Weekly Point-To-Point Delivery: the amount identified on Table 2, line 79 of the PSCo formula rate /kW-week
- 6) Daily Point-To-Point Delivery: the amount identified on Table 2, line 80 of the PSCo formula rate /kW-day
- 7) Daily Point-To-Point Delivery: the amount identified on Table 2, line 81 of the PSCo formula rate /kW-day

Proposed Effective Date: 1/1/2021

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- | | |
|--|--|
| 8) Hourly Point-To-Point Delivery:
the PSCo formula rate /MWh | the amount identified on Table 2, line 82 of |
| 9) Hourly Point-To-Point Delivery:
the PSCo formula rate /MWh | the amount identified on Table 2, line 83 of |
| 10) Network Integration Delivery:
the PSCo formula rate /kW-month | the amount identified on Table 2, line 84 of |
| 11) Ancillary Services Delivery:
the PSCo formula rate /kW-month | the amount identified on Table 2, line 85 of |

The total demand charge in any day, pursuant to a reservation for Hourly delivery, shall not exceed the rate specified in section (6) above times the highest amount in kilowatts of Reserved Capacity in any hour during such day. In addition, the total demand charge in any week, pursuant to a reservation for Hourly or Daily delivery, shall not exceed the rate specified in section (5) above times the highest amount in kilowatts of Reserved Capacity in any hour during such week.

Notwithstanding the foregoing, an Ancillary Service Customer whose load is served by no more than 10 MW nameplate capacity of wind generation all of which is interconnected to the distribution system behind the meter, shall not pay the charge set forth above but shall instead pay an administrative charge equal to \$0.58/kW-month.

The customer must either purchase this service from the Transmission Provider or BA Operator or make alternative comparable arrangements to satisfy its Flex Reserve Service obligation.

The nameplate capacity of the customer's wind generation used for billing purposes for the calendar year shall be the nameplate capacity of wind generation serving the customer's load or scheduled exports as of January 1 of that calendar year: nameplate capacity figures shall only be updated for billing purposes on January 1 of the applicable year. To facilitate proper billing, the customer shall provide a written certification setting forth each customer's wind generating resources and nameplate capacity of each listed resource. This written certification shall be provided on or before December 1 of each year for the following calendar year.

Proposed Effective Date: 1/1/2021

Public Service Company of Colorado
Transmission Formula Rate Settlement Template
Twelve Months Ended December 31, 20XX
Summary of Estimated Rates

Line No.	Description	Reference	Transmission Amount	
	Col. (1)	Col. (2)	Col. (3)	
1	Revenue Requirement	ATRR Est. Line 138	\$ -	
2				
3	Prior Period Correction True up Adjustment	WP_A-2 Line 136	-	
4	Interest on Prior Period Correction True Up Adjustment	WP_A-2 Line 137	-	
5				
6	Estimated Revenue Requirement with True Up	Sum Lines 1 through 4	<u>\$ -</u>	
7				
8	Divisor			
9	Transmission Network Load	WP_I-1 Line 15, Col. (g)	0	
10				
11	Rates			
12	Annual Cost (\$/kW-Yr)	Line 6 / Line 9	\$ -	/kW-year
13				
14	Network & Point-to-Point Rate (\$/kW-Mo)	Line 12 / 12	\$ -	/kW-month
15				
16	Weekly P-To-P Rate	Line 12 / 52	\$ -	/kW-week
17	Daily P-To-P Rate (Capped at weekly rate)	Line 16 / 6	\$ -	/kW-day
18	On Peak Hourly P-To-P Rate (Capped at weekly & daily rate)	(Line 17 / 16) X 1,000	\$ -	/MWh
19	Off Peak Hourly P-To-P Rate	((Line 16 / 7) / 24) X 1,000	\$ -	/MWh
20				
21	FERC Annual Charge	(Note 1)		/MWh
22				
23				
24	Ancillary Service Rates (2)			
25				
26	Schedule 1- Scheduling, System Control and Dispatch			
27	Monthly Point-to-Point Delivery	Schedule 1 Line 18	\$ -	/kW-month
28	Weekly Point-to-Point Delivery	Schedule 1 Line 19	\$ -	/kW-week
29	Daily Point-to-Point Delivery	Schedule 1 Line 20	\$ -	/kW-day
30	Hourly Point-to-Point Delivery	Schedule 1 Line 21	\$ -	/MWh
31	Network Integration Delivery	Schedule 1 Line 18	\$ -	/kW-month
32	Ancillary Service Delivery	Schedule 1 Line 18	\$ -	/kW-month
33				
34	Schedule 2- Reactive Supply and Voltage Control From Generation Sources Service			
35	Monthly Point-to-Point Delivery	Schedule 2 Line 24	\$ -	/kW-month
36	Weekly Point-to-Point Delivery	Schedule 2 Line 25	\$ -	/kW-week
37	Daily Point-to-Point Delivery	Schedule 2 Line 26	\$ -	/kW-day

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38	Daily Point-to-Point Delivery off Peak	Schedule 2 Line 27	\$	-	/kW-day		
39	Hourly Point-to-Point Delivery	Schedule 2 Line 28	\$	-	/MWh		
40	Hourly Point-to-Point Delivery off Peak	Schedule 2 Line 29	\$	-	/MWh		
41	Network Integration Delivery	Schedule 2 Line 24	\$	-	/kW-month		
42	Ancillary Service Delivery	Schedule 2 Line 24	\$	-	/kW-month		
43							
44	Schedule 3 and 3A- Regulation and Frequency Response Service						
	Reserved Capacity Factor applicable to network load, reserved capacity, or nameplate capacity			Load	Non-VER	Wind	Solar
45		Schedule 3 and 3A, Line 30	0.96%	0.07%	2.03%	1.10%	
46	Monthly Point-to-Point Delivery	Schedule 3 and 3A Line 32	\$	\$	\$	\$	/kW-month
47	Weekly Point-to-Point Delivery	Schedule 3 and 3A Line 33	\$	\$	\$	\$	/kW-week
48	Daily Point-to-Point Delivery on Peak	Schedule 3 and 3A Line 34	\$	\$	\$	\$	/MW-day
49	Daily Point-to-Point Delivery off Peak	Schedule 3 and 3A Line 35	\$	\$	\$	\$	/MW-day
50	Hourly Point-to-Point Delivery on Peak	Schedule 3 and 3A Line 36	\$	\$	\$	\$	/MWh
51	Hourly Point-to-Point Delivery off Peak	Schedule 3 and 3A Line 37	\$	\$	\$	\$	/MWh
52	Network Integration Delivery	Schedule 3 and 3A Line 38	\$	\$	\$	\$	/kW-month
53	Ancillary Service Delivery	Schedule 3 and 3A Line 39	\$	\$	\$	\$	/kW-month
54							
55							
56	Schedule 5- Operating Reserve- Spinning Reserve Service						
	Reserved Capacity Factor applicable to network load or reserved capacity	Note 3	3.50%	x monthly Load			
57							
58	Monthly Point-to-Point Delivery	Schedule 5 Line 22	\$	-	/kW-month		
59	Weekly Point-to-Point Delivery	Schedule 5 Line 23	\$	-	/kW-week		
60	Daily Point-to-Point Delivery	Schedule 5 Line 24	\$	-	/kW-day		
61	Daily Point-to-Point Delivery off Peak	Schedule 5 Line 25	\$	-	/kW-day		
62	Hourly Point-to-Point Delivery on Peak	Schedule 5 Line 26	\$	-	/MWh		
63	Hourly Point-to-Point Delivery off Peak	Schedule 5 Line 27	\$	-	/MWh		
64	Network Integration Delivery	Schedule 5 Line 22	\$	-	/kW-month		
65	Ancillary Service Delivery	Schedule 5 Line 22	\$	-	/kW-month		
66							
67	Schedule 6 - Operating Reserve - Supplemental Reserve Service						
	Reserved Capacity Factor applicable to network load or reserved capacity	Note 3	3.50%	x monthly Load			
68							
69	Monthly Point-to-Point Delivery	Schedule 6 Line 22	\$	-	/kW-month		
70	Weekly Point-to-Point Delivery	Schedule 6 Line 23	\$	-	/kW-week		
71	Daily Point-to-Point Delivery	Schedule 6 Line 24	\$	-	/kW-day		
72	Daily Point-to-Point Delivery off Peak	Schedule 6 Line 25	\$	-	/kW-day		
73	Hourly Point-to-Point Delivery on Peak	Schedule 6 Line 26	\$	-	/MWh		
74	Hourly Point-to-Point Delivery off Peak	Schedule 6 Line 27	\$	-	/MWh		
75	Network Integration Delivery	Schedule 6 Line 22	\$	-	/kW-month		
76	Ancillary Service Delivery	Schedule 6 Line 22	\$	-	/kW-month		
77							
78	Schedule 16 - Flex Reserve						
79	Reserve Obligation	Schedule 16, Line 29	0.0%	x monthly Load			
			\$	-			

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80	Monthly Point-to-Point Delivery	Schedule 16 Line 31	\$	-	/kW-month
81	Weekly Point-to-Point Delivery	Schedule 16 Line 32	\$	-	/kW-week
82	Daily Point-to-Point Delivery	Schedule 16 Line 33	\$	-	/kW-day
83	Daily Point-to-Point Delivery off Peak	Schedule 16 Line 34	\$	-	/kW-day
84	Hourly Point-to-Point Delivery on Peak	Schedule 16 Line 35	\$	-	/MWh
85	Hourly Point-to-Point Delivery off Peak	Schedule 16 Line 36	\$	-	/MWh
86	Network Integration Delivery	Schedule 16 Line 37	\$	-	/kW-month
87	Ancillary Service Delivery	Schedule 16 Line 38	\$	-	/kW-month

Note 1. The FERC's annual charge per MWh is established by the Commission annually, and is assessed to the Transmission Owner, and is passed through to the Transmission Customers.

Note 2. Ancillary Service Schedules 2, 3, 3A, 5, 6, 16 will be based on actual data from the latest FERC Form No. 1. These schedules will be updated annually with the Annual Update but will not be subject to the True-up provision. Ancillary Service Schedule 1 will be updated annually, will be based on forecast data and will be subject to the True-up provision.

Note 3. Fixed value that cannot change without a Section 205 or 206 filing.

Approved Effective Date:

Table 23
WP_F-1

Estimate													Network & Interconnecting	Supplemental Spinning	Flex Reserve	FERC Assess	Total of Items
	Point-to-Point	Network	Scheduling, System Control & Dispatch	Reactive Supply & Voltage Control	Regulation and Frequency	Regulation and Frequency	Regulation and Frequency	Regulation and Frequency	Network & Energy Imbalance	Interconnecting Reserve	Supplemental Spinning Reserve	Flex Reserve	FERC Assess				
			Schedules 7 & 8	Schedule 9	Schedule 1	Schedule 2	Schedule 3 & 3A	Schedule 3 & 3A - Wind	Schedule 3 & 3A - Solar	Schedule 3 & 3A - Non-VER	Schedule 4	Schedule 5	Schedule 6	Schedule 16	Through		
Line No.	Type	Description	Divisor kW	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
1																	
2																	
3																	
4																	
5																	
6																	
7		Total	-	0	0	0	0	0	0		0	0	0	0	0	0	0
Summarized by Type:																	
8		Cre	-	0	0	0	0	0	0		0		0			0	0
9		Divisor	-		0	0		0	0		0		0	0		0	0
10		Ancillary	-		0	0		0	0		0		0		0		0
11		Other	-		0	0		0	0		0		0			0	0
12		Total	-		0	0		0	0		0		0	0		0	0

Proposed Effective Date: 1-1-2021

Description of Revenue Types:

Anc
illary
y
Divi
sor
Cre
dit

Ancillary services include regulation & frequency, control & dispatch, voltage control, reactive, spinning reserve, scheduling, and flex reserve.

Load associated with these revenues are included in the formula divisor.

Revenue credit because the load is not included in divisor.

Proposed Effective Date: 1-1-2021

						Schedul ing,	Reactiv e						Network &				
Actuals				Point to Point	Network	System Control & Dispatc h	Supply & Voltage Control	Regulation and Frequency	Regula tion and Freque ncy	Regula tion and Freque ncy	Regula tion and Freque ncy	Network & Energy Imbalan ce	Network & Interco. Spinnin g	Supplem ental Spinning	Flex Reser ve	FERC Assess Pass	Tota l of
L n				Schedules 7 & 8	Schedul e 9	Schedul e 1	Schedul e 2	Schedule 3 & 3A	Sched ule 3 & 3A - Wind	Sched ule 3 & 3A - Solar	Sched ule 3 & 3A - Non- VER	Schedul e 4	Schedul e 5	Schedul e 6	Sche dule 16	Throug h	Line
N o.	Type	Desc/ Service Type	Divis or kW														Item s
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)

1																	-
2																	-
3																	-
4																	
5																	
6																	
7																	

Total - - - - - - - - - - - - - - - - - -

Summarized by
Type:

8	Credit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Divisor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Ancillary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Description of Revenue Types:

Proposed Effective Date: 1-1-2021

Ancillary
Divisor
or
Credit

Ancillary services includes regulation & frequency, control & dispatch, voltage control, reactive, spinning reserve, scheduling, and flex reserve.

Load associated with these revenues are included in the formula divisor.

Revenue credit because the load is not included in divisor.

Note 1. FERC Form 1 does not report Account 456.1 in the subcategories presented. The information is from Company Records. The total in Column O ties to the balance of Account 456.1 as reported in the FERC Form 1.

Xcel Energy Operating Companies
FERC FPA Electric Tariff
Third Revised Volume No. 1

Proposed Effective Date: 1-1-2021

Att O-PSCo Formula Rate,
Table 29, Schedule 3
Version 0.2.0
Page 1 of 1
Approved Effective Date:

Public Service Company of Colorado
Transmission Formula Rate Settlement Template
Ancillary Services, Schedules No. 3 and 3A -
Regulation and Frequency Response Service

Table 29
Schedule 3 and 3A

Line No	Plant/Type col. (a)	col. (b)	Contribution Ratio (1) col. (c)	Installed Cost (\$/kW) (2) col. (d)	Operation and Maintenance (\$/kW) (3) col. (e)	Fixed charge (\$/kW) (d) x Prod FCR without O&M (4) or if PP (d) x 1.0 col. (f)	Cost of providing reactive supply services (\$/kW) (5) col. (g)	Weighted Annual Cost (\$/kW) ((f)+(e)-(g)) x (c) col. (h)
1	Alamosa		0.1%	0.00	0.00	0.00	0.00	0.00
2	Blue Spruce		3.9%	0.00	0.00	0.00	0.00	0.00
3	Cabin Creek		2.6%	0.00	0.00	0.00	0.00	0.00
4	Cherokee		1.5%	0.00	0.00	0.00	0.00	0.00
5	Cherokee CC (5, 6, 7)		16.2%	0.00	0.00	0.00	0.00	0.00
6	Comanche		12.6%	0.00	0.00	0.00	0.00	0.00
7	Fort Lupton		0.1%	0.00	0.00	0.00	0.00	0.00
8	Fruita		0.0%	0.00	0.00	0.00	0.00	0.00
9	Fort Saint Vrain CC (1-4)		22.8%	0.00	0.00	0.00	0.00	0.00
10	Fort Saint Vrain CT (5-6)		1.3%	0.00	0.00	0.00	0.00	0.00
11	Hayden		4.2%	0.00	0.00	0.00	0.00	0.00
12	Pawnee		5.6%	0.00	0.00	0.00	0.00	0.00
13	Rocky Mountain Energy Center		19.6%	0.00	0.00	0.00	0.00	0.00
14	Valmont 6		0.0%	0.00	0.00	0.00	0.00	0.00
15	SWG Arapahoe		2.0%	0.00	0.00	0.00	0.00	0.00
16	SWG Fountain Valley		1.3%	0.00	0.00	0.00	0.00	0.00
17	Brush Cogeneration Partners (Brush 1&3) PP		0.1%	0.00	0.00	0.00	0.00	0.00
18	Brush Cogeneration Partners (Brush 4) PP		0.2%	0.00	0.00	0.00	0.00	0.00
19	Colorado Energy Management LLC (Manch) PP		2.1%	0.00	0.00	0.00	0.00	0.00
20	Plains End LLC PP		2.9%	0.00	0.00	0.00	0.00	0.00
21	Spindle Hill PP		0.8%	0.00	0.00	0.00	0.00	0.00
22				0.00	0.00	0.00	0.00	0.00
23								
24			100.0%				Total Reg/LF cost (\$/kW)	0.00
25							losses	0.00%
26							Annual Cost (\$/MW)	0.00
27								
28	Required Capacity (1)							
29	Divisor (1)	6,868.00	6,547.00	3,157.30	306.95			
30	Reserve obligation (Line 28/ Line 29)	0.96%	0.07%	2.03%	1.10%			
31	Rate (\$/kW/Yr)	\$0.00	\$0.00	\$0.00	\$0.00			
32	Monthly (\$/kW/Mo)	\$0.000	\$0.000	\$0.000	\$0.000			
33	Weekly (\$/kW/Wk)	\$0.000	\$0.000	\$0.000	\$0.000			
34	Daily On Peak (\$/MW/Day)	\$0.000	\$0.000	\$0.000	\$0.000			
35	Daily Off Peak (\$/MW/Day)	\$0.000	\$0.000	\$0.000	\$0.000			
36	Hourly On Peak (\$/MW/hr)	\$0.000	\$0.000	\$0.000	\$0.000			
37	Hourly Off Peak (\$/MW/hr)	\$0.000	\$0.000	\$0.000	\$0.000			
38	Network Integrated Delivery(\$/kW/Mo)	\$0.000	\$0.000	\$0.000	\$0.000			
39	Ancillary Service Delivery(\$/kW/Mo)	\$0.000	\$0.000	\$0.000	\$0.000			

Note:

(1) Fixed value that cannot change without a Section 205 or 206 filing.

(2) WP_Installed Cost, Column (g).

(3) WP_O&M Cost, Column (l).

(4) WP_FCR Line 21 minus Line 1.

(5) Column (c) times WP_Reactive Cost, Column (f). For Purchased Power, used the same Reactive Power Cost as the Plants.

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Public Service Company of Colorado
Transmission Formula Rate Template

Table intentionally left blank and held for future use.

Table 34

Xcel Energy Operating Companies
FERC FPA Electric Tariff
Third Revised Volume No. 1

Proposed Effective Date: 1-1-2021

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Table 35, Schedule 16
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Page 1 of 2
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Public Service Company of Colorado
Transmission Formula Rate Template
Ancillary Services, Schedule No. 16
Flex Reserves

Table 35
Schedule 16

			Contribution Ratio (1)	Installed Cost (\$/kW) (2)	Operation and Maintenance (\$/kW) (3)	Fixed charge (\$/kW) (d) x Prod FCR without O&M (4) or if PP (d) x 1.0	Cost of providing reactive supply services (\$/kW) (5)	Weighted Annual Cost (\$/kW) ((f)+(e)-(g)) x (c)
Line No	Plant/Type		col. (c)	col. (d)	col. (e)	col. (f)	col. (g)	col. (h)
1	Alamosa		1.2%	0.00	0.00	0.00	0.00	0.00
2	Blue Spruce		8.7%	0.00	0.00	0.00	0.00	0.00
3	Cabin Creek		5.3%	0.00	0.00	0.00	0.00	0.00
4	Cherokee		3.6%	0.00	0.00	0.00	0.00	0.00
5	Cherokee CC (5, 6, 7)		4.6%	0.00	0.00	0.00	0.00	0.00
6	Comanche		4.9%	0.00	0.00	0.00	0.00	0.00
7	Fort Lupton		2.0%	0.00	0.00	0.00	0.00	0.00
8	Fruita		0.6%	0.00	0.00	0.00	0.00	0.00
9	Fort Saint Vrain CC (1-4)		7.0%	0.00	0.00	0.00	0.00	0.00
10	Fort Saint Vrain CT (5-6)		10.9%	0.00	0.00	0.00	0.00	0.00
11	Hayden		1.7%	0.00	0.00	0.00	0.00	0.00
12	Pawnee		3.2%	0.00	0.00	0.00	0.00	0.00
13	Rocky Mountain Energy Center		7.9%	0.00	0.00	0.00	0.00	0.00
14	Valmont 6		1.6%	0.00	0.00	0.00	0.00	0.00
15	SWG Arapahoe		3.1%	0.00	0.00	0.00	0.00	0.00
16	SWG Fountain Valley		5.6%	0.00	0.00	0.00	0.00	0.00
17	Brush Cogeneration Partners (Brush 1&3) PP		2.7%	0.00	0.00	0.00	0.00	0.00
18	Brush Cogeneration Partners (Brush 4) PP		3.6%	0.00	0.00	0.00	0.00	0.00
19	Colorado Energy Management LLC (Manch) PP		8.3%	0.00	0.00	0.00	0.00	0.00
20	Plains End LLC PP		8.2%	0.00	0.00	0.00	0.00	0.00
21	Spindle Hill PP		5.3%	0.00	0.00	0.00	0.00	0.00
22				0.00	0.00	0.00	0.00	0.00
23								
24			100.00%				Total Reg/LF cost (\$/kW)	0.00
25							losses	0.00%
26							Annual Cost (\$/MW)	0.00
27	Required Capacity (MW) (1)	976.78						
28	Wind Nameplate							
29	Reserve obligation (Line 27 / Line 28)	0%						
30	Rate (\$/kW/Yr)	\$0.00						
31	Monthly (\$/kW/Mo)	\$0.000						
32	Weekly (\$/kW/Wk)	\$0.000						
33	Daily On Peak (\$/MW/Day)	\$0.000						
34	Daily Off Peak (\$/MW/Day)	\$0.000						
35	Hourly On Peak (\$/MW/hr)	\$0.000						
36	Hourly Off Peak (\$/MW/hr)	\$0.000						
37	Network Integrated Delivery(\$/kW/Mo)	\$0.000						
38	Ancillary Service Delivery(\$/kW/Mo)	\$0.000						

Note:

(1) Fixed value that cannot change without a Section 205 or 206 filing.

(2) WP_Installed Cost, Column (g).

(3) WP_O&M Cost, Column (I).

Proposed Effective Date: 1-1-2021

(4) WP_FCR Line 21 minus Line 1.

(5) Column (c) times WP_Reactive Cost, Column (f). For Purchased Power, used the same Reactive Power Cost as the Plants.

Xcel Energy Operating Companies
FERC FPA Electric Tariff
Third Revised Volume No. 1

Proposed Effective Date: 1-1-2021

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Table 36, WP Installed Cost
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Public Service Company of Colorado
Transmission Formula Rate Template
Installed Cost
12 Months Ended December 31, 2012

Table 36
WP_Installed Cost

Line No	Plant col. (a)	Fuel Expense (\$) (1) col. (b)	Generation (kwh) (2) col. (c)	Fuel Expense (\$/kwh) (b) / (c) col. (d)	Name Plate (MW) (3) col. (e)	Cumulative Name Plate capacity (MW) col. (f)	Production Investment (\$/KW) (4) col. (g)	Plant factor (c)/(e)/8760/1000 col. (h)
1	Alamosa	0	0	0.0000	0	0	0	0.0000
2	Blue Spruce	0	0	0.0000	0	0	0	0.0000
3	Cabin Creek	0	0	0.0000	0	0	0	0.0000
4	Cherokee	0	0	0.0000	0	0	0	0.0000
5	Cherokee CC (5, 6, 7)	0	0	0.0000	0	0	0	0.0000
6	Comanche	0	0	0.0000	0	0	0	0.0000
7	Fort Lupton	0	0	0.0000	0	0	0	0.0000
8	Fruita	0	0	0.0000	0	0	0	0.0000
9	Fort Saint Vrain CC (1-4)	0	0	0.0000	0	0	0	0.0000
10	Fort Saint Vrain CT (5-6)	0	0	0.0000	0	0	0	0.0000
11	Hayden	0	0	0.0000	0	0	0	0.0000
12	Pawnee	0	0	0.0000	0	0	0	0.0000
13	Rocky Mountain Energy Center	0	0	0.0000	0	0	0	0.0000
14	Valmont 6	0	0	0.0000	0	0	0	0.0000
15	SWG Arapahoe	0	0	0.0000	0	0	0	0.0000
16	SWG Fountain Valley	0	0	0.0000	0	0	0	0.0000
17	Brush Cogeneration Partners (Brush 1&3) PP	0	0	0.0000	0	0	0	0.0000
18	Brush Cogeneration Partners (Brush 4) PP	0	0	0.0000	0	0	0	0.0000
19	Colorado Energy Management LLC (Manch) PP	0	0	0.0000	0	0	0	0.0000
20	Plains End LLC PP	0	0	0.0000	0	0	0	0.0000
21	Spindle Hill PP	0	0	0.0000	0	0	0	0.0000

Note:

(1) FERC Form No. 1 Pages 326, Column (k) and 402-406, Line 20

(2) FERC Form No. 1 Page 326, Column (g), and Page 402 - 406, Line 12

(3) FERC Form No. 1 Page 402 - 406, Line 5. For Purchased Power, the Name Plate capacity is a fixed value that cannot change without a Section 205 or 206 filing.

(4) FERC Form No. 1 Pages 402-406, Line 18. For Purchased Power, the Production Investment is the demand charge (FERC Form No. 1 Page 326, Column (j)) divided by the Name Plate (col. (f)), express in KW.

Xcel Energy Operating Companies
FERC FPA Electric Tariff
Third Revised Volume No. 1

Proposed Effective Date: 1-1-2021

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Table 37, WP O&M Cost
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Page 1 of 1
Approved Effective Date:

Public Service Company of Colorado
Transmission Formula Rate Template
O&M Costs
12 Months Ended December 31, 2012

Table 37
WP_O&M Cost

Line No	Plant	Name Plate (MW) (1)	Production Expenses: Oper, Supv, & Engr (\$) (2)	Coolants and Water (Nuclear Plants Only) (\$) (3)	Steam Expenses (\$) (4)	Electric Expenses (\$) (5)	Misc Steam (or Nuclear) Power Expenses (\$) (6)	Rents (\$) (7)	Maintenance of Structures (\$) (8)	Maintenance of Misc Steam (or Nuclear) Plant (\$) (9)	Total Expenses (\$) sum((c):(j)) col. (k)	Total (\$/kW) (k)/(b)/1000 col. (l)
	col. (a)	col. (b)	col. (c)	col. (d)	col. (e)	col. (f)	col. (g)	col. (h)	col. (i)	col. (j)	col. (k)	col. (l)
1	Alamosa	0	0	0	0	0	0	0	0	0	0	0.00
2	Blue Spruce	0	0	0	0	0	0	0	0	0	0	0.00
3	Cabin Creek	0	0	0	0	0	0	0	0	0	0	0.00
4	Cherokee	0	0	0	0	0	0	0	0	0	0	0.00
5	Cherokee CC (5, 6, 7)	0	0	0	0	0	0	0	0	0	0	0.00
6	Comanche	0	0	0	0	0	0	0	0	0	0	0.00
7	Fort Lupton	0	0	0	0	0	0	0	0	0	0	0.00
8	Fruita	0	0	0	0	0	0	0	0	0	0	0.00
9	Fort Saint Vrain CC (1-4)	0	0	0	0	0	0	0	0	0	0	0.00
10	Fort Saint Vrain CT (5-6)	0	0	0	0	0	0	0	0	0	0	0.00
11	Hayden	0	0	0	0	0	0	0	0	0	0	0.00
12	Pawnee	0	0	0	0	0	0	0	0	0	0	0.00
13	Rocky Mountain Energy Center	0	0	0	0	0	0	0	0	0	0	0.00
14	Valmont 6	0	0	0	0	0	0	0	0	0	0	0.00
15	SWG Arapahoe	0	0	0	0	0	0	0	0	0	0	0.00
16	SWG Fountain Valley	0	0	0	0	0	0	0	0	0	0	0.00
17	Brush Cogeneration Partners (Brush 1&3) PP	0	0	0	0	0	0	0	0	0	0	0.00
18	Brush Cogeneration Partners (Brush 4) PP	0	0	0	0	0	0	0	0	0	0	0.00
19	Colorado Energy Management LLC (Manch) PP	0	0	0	0	0	0	0	0	0	0	0.00
20	Plains End LLC PP	0	0	0	0	0	0	0	0	0	0	0.00
21	Spindle Hill PP	0	0	0	0	0	0	0	0	0	0	0.00

Note:

- (1) WP_Installed Cost, Col (e).
- (2) FERC Form No. 1 Pages 402-406, Line 19
- (3) FERC Form No. 1 Pages 402-406, Line 21
- (4) FERC Form No. 1 Pages 402-406, Line 22
- (5) FERC Form No. 1 Pages 402-406, Line 25
- (6) FERC Form No. 1 Pages 402-406, Line 26
- (7) FERC Form No. 1 Pages 402-406, Line 27
- (8) FERC Form No. 1 Pages 402-406, Line 30
- (9) FERC Form No. 1 Pages 402-406, Line 33

Proposed Effective Date: 1-1-2021

Public Service Company of Colorado

Transmission Formula Rate Template
Cost of Providing Reactive Supply
12 Months Ended December 31, 2012

Table 38
WP_Reac
tive Cost

Lin e No	Plant	Na m e P l a t e (MW) (1)	Percent of Name Plate	Reactive Power Revenue Requirement (c) * Line 23	Reactive Power \$/MW/Y ear (d) / (b)	Reactive Power \$/KW/Yea r (e) / 1000
	col. (a)	col. (b)	col. (c)	col. (d)	col. (e)	col. (f)
1	Alamosa	0	0.0000	0	0	0.000000
2	Blue Spruce	0	0.0000	0	0	0.000000
3	Cabin Creek	0	0.0000	0	0	0.000000
4	Cherokee	0	0.0000	0	0	0.000000
5	Cherokee CC (5, 6, 7)	0	0.0000	0	0	0.000000
6	Comanche	0	0.0000	0	0	0.000000
7	Fort Lupton	0	0.0000	0	0	0.000000
8	Fruita	0	0.0000	0	0	0.000000
9	Fort Saint Vrain CC (1-4)	0	0.0000	0	0	0.000000
10	Fort Saint Vrain CT (5-6)	0	0.0000	0	0	0.000000
11	Hayden	0	0.0000	0	0	0.000000
12	Pawnee	0	0.0000	0	0	0.000000
13	Rocky Mountain Energy Center	0	0.0000	0	0	0.000000
14	Valmont 6	0	0.0000	0	0	0.000000
15	SWG Arapahoe	0	0.0000	0	0	0.000000
16	SWG Fountain Valley	0	0.0000	0	0	0.000000
17	Brush Cogeneration Partners (Brush 1&3) PP	0	0.0000	0	0	0.000000
18	Brush Cogeneration Partners (Brush 4) PP	0	0.0000	0	0	0.000000
19	Colorado Energy Management LLC (Manch) PP	0	0.0000	0	0	0.000000
20	Plains End LLC PP	0	0.0000	0	0	0.000000
21	Spindle Hill PP	0	0.0000	0	0	0.000000
22						
23	Total (2)	0	0.0000	0		

Note:

(1) WP_Installed Cost, Col (e).

(2) Reactive Power Revenue Requirement from Schedule 2, Line 20.

1 Definitions

- 1.1 Affiliate:** With respect to a corporation, partnership, or other entity, each such other corporation, partnership or other entity that directly or indirectly, through one or more intermediaries, controls, is controlled by, or is under common control with, such corporation, partnership or other entity.
- 1.2 Ancillary Services:** Those services, that are necessary to support the transmission of capacity and energy from resources to loads while maintaining reliable operation of the Transmission Provider's Transmission System in accordance with Good Utility Practice.
- 1.3 Annual Transmission Costs:** The total annual cost of the Transmission System for purposes of Network Integration Transmission Service shall be the amount specified in Attachment H until amended by the Transmission Provider or modified by the Commission.
- 1.4 Application:** A request by an Eligible Customer for transmission service pursuant to the provisions of the Tariff.
- 1.5 Commission:** The Federal Energy Regulatory Commission.
- 1.6 Completed Application:** An Application that satisfies all of the information and other requirements of the Tariff, including any required deposit.
- 1.7 Control Area:** An electric power system or combination of electric power systems to which a common automatic generation control scheme is applied in order to:
- (1) match, at all times, the power output of the generators within the electric power system(s) and capacity and energy purchased from entities outside the electric power system(s), with the load within the electric power system(s);
 - (2) maintain scheduled interchange with other Control Areas, within the limits of Good Utility Practice;
 - (3) maintain the frequency of the electric power system(s) within reasonable limits in accordance with Good Utility Practice; and
 - (4) provide sufficient generating capacity to maintain operating reserves in accordance with Good Utility Practice.
- 1.8 Curtailment:** A reduction in firm or non-firm transmission service in response to a transfer capability shortage as a result of system reliability conditions.
- 1.9 Delivering Party:** The entity supplying capacity and energy to be transmitted at Point(s) of Receipt.

- 1.10 Designated Agent:** Any entity that performs actions or functions on behalf of the Transmission Provider, an Eligible Customer, or the Transmission Customer required under the Tariff.
- 1.11 Direct Assignment Facilities:** Facilities or portions of facilities that are constructed by the Transmission Provider for the sole use/benefit of a particular Transmission Customer requesting service under the Tariff. Direct Assignment Facilities shall be specified in the Service Agreement that governs service to the Transmission Customer and shall be subject to Commission approval.
- 1.12 Eligible Customer:** (i) Any electric utility (including the Transmission Provider and any power marketer), Federal power marketing agency, or any person generating electric energy for sale for resale is an Eligible Customer under the Tariff. Electric energy sold or produced by such entity may be electric energy produced in the United States, Canada or Mexico. However, with respect to transmission service that the Commission is prohibited from ordering by Section 212(h) of the Federal Power Act, such entity is eligible only if the service is provided pursuant to a state requirement that the Transmission Provider offer the unbundled transmission service, or pursuant to a voluntary offer of such service by the Transmission Provider. (ii) Any retail customer taking unbundled transmission service pursuant to a state requirement that the Transmission Provider offer the transmission service, or pursuant to a voluntary offer of such service by the Transmission Provider, is an Eligible Customer under the Tariff.
- 1.13 Facilities Study:** An engineering study conducted by the Transmission Provider to determine the required modifications to the Transmission Provider's Transmission System, including the cost and scheduled completion date for such modifications that will be required to provide the requested transmission service.
- 1.14 Firm Point-To-Point Transmission Service:** Transmission Service under this Tariff that is reserved and/or scheduled between specified Points of Receipt and Delivery pursuant to Part II of this Tariff.
- 1.15 Good Utility Practice:** Any of the practices, methods and acts engaged in or approved by a significant portion of the electric utility industry during the relevant time period, or any of the practices, methods and acts which, in the exercise of reasonable judgment in light of the facts known at the time the decision was made, could have been expected to accomplish the desired result at a reasonable cost consistent with good business practices, reliability, safety and expedition. Good Utility Practice is not intended to be limited to the optimum practice, method, or act to the exclusion of all others, but rather to be acceptable practices, methods, or acts generally accepted in the region, including those practices required by Federal Power Act section 215(a)(4).
- 1.16 Interruption:** A reduction in non-firm transmission service due to economic reasons pursuant to Section 14.7.
- 1.17 Load Ratio Share:** For Network Integration Transmission Service where PSCo is the Transmission Provider, the Load Ratio Share shall be the ratio of a Transmission Customer's Average Network Load to the Transmission Provider's Average

Transmission System Load computed in accordance with Sections 34.3 and 34.6 of the Network Integration Transmission Service under Part III of the Tariff.

For Network Integration Transmission Service where NSP is the Transmission Provider, the Load Ratio Share shall be the ratio of a Transmission Customer's Network Load to the Transmission Provider's total Transmission System Load computed in accordance with Section 34.5 of the Network Integration Transmission Service under Part III of the Tariff.

For Network Integration Transmission Service where SPS is the Transmission Provider, the Load Ratio Share shall be the ratio of a Transmission Customer's Average Network Load to the Transmission Provider's Average Transmission System Load computed in accordance with Sections 34.3 and 34.6 of the Network Integration Transmission Service under Part III of the Tariff.

- 1.18 Load Shedding:** The systematic reduction of system demand by temporarily decreasing load in response to transmission system or area capacity shortages, system instability, or voltage control considerations under Part III of the Tariff.
- 1.19 Long-Term Firm Point-To-Point Transmission Service:** Firm Point-To-Point Transmission Service under Part II of the Tariff with a term of one year or more.
- 1.20 Native Load Customers:** The wholesale and retail power customers of the Transmission Provider on whose behalf the Transmission Provider, by statute, franchise, regulatory requirement, or contract, has undertaken an obligation to construct and operate the Transmission Provider's system to meet the reliable electric needs of such customers.
- 1.21 NERC TLR Procedures:** Transmission Loading Relief procedures developed by the North American Electric Reliability Council ("NERC") which enable Transmission Providers to curtail transactions both on and off the contract path that contribute to an overload on the electric system in order to preserve system reliability.
- 1.22 Network Customer:** An entity receiving transmission service pursuant to the terms of the Transmission Provider's Network Integration Transmission Service under Part III of the Tariff.
- 1.23 Network Integration Transmission Service:** The transmission service provided under Part III of the Tariff.
- 1.24 Network Load:** The load that a Network Customer designates for Network Integration Transmission Service under Part III of the Tariff. The Network Customer's Network Load shall include all load served by the output of any Network Resources designated by the Network Customer. A Network Customer may elect to designate less than its total load as Network Load but may not designate only part of the load at a discrete Point of Delivery. Where an Eligible Customer has elected not to designate a particular load at discrete points of delivery as Network Load, the Eligible Customer is responsible for

making separate arrangements under Part II of the Tariff for any Point-To-Point Transmission Service that may be necessary for such non-designated load.

- 1.25 Network Operating Agreement:** An executed agreement that contains the terms and conditions under which the Network Customer shall operate its facilities and the technical and operational matters associated with the implementation of Network Integration Transmission Service under Part III of the Tariff.
- 1.26 Network Operating Committee:** A group made up of representatives from the Network Customer(s) and the Transmission Provider established to coordinate operating criteria and other technical considerations required for implementation of Network Integration Transmission Service under Part III of this Tariff.
- 1.27 Network Resource:** Any designated generating resource owned, purchased or leased by a Network Customer under the Network Integration Transmission Service Tariff. Network Resources do not include any resource, or any portion thereof, that is committed for sale to third parties or otherwise cannot be called upon to meet the Network Customer's Network Load on a non-interruptible basis, except for purposes of fulfilling obligations under a reserve sharing program.
- 1.28 Network Upgrades:** Modifications or additions to transmission-related facilities that are integrated with and support the Transmission Provider's overall Transmission System for the general benefit of all users of such Transmission System.
- 1.29 Non-Firm Point-To-Point Transmission Service:** Point-To-Point Transmission Service under the Tariff that is reserved and scheduled on an as-available basis and is subject to Curtailment or Interruption as set forth in Section 14.7 under Part II of this Tariff. Non-Firm Point-To-Point Transmission Service is available on a stand-alone basis for periods ranging from one hour to one month.
- 1.30 Non-Firm Sale:** An energy sale for which receipt or delivery may be interrupted for any reason or no reason, without liability on the part of either the buyer or seller.
- 1.31 Non-Variable Energy Resource:** Non-Variable Energy Resource is a device for the production of electricity that is not a Variable Energy Resource.
- 1.32 Open Access Same-Time Information System (OASIS):** The information system and standards of conduct contained in Part 37 of the Commission's regulations and all additional requirements implemented by subsequent Commission orders dealing with OASIS.
- 1.33 Part I:** Tariff Definitions and Common Service Provisions contained in Sections 2 through 12.
- 1.34 Part II:** Tariff Sections 13 through 27 pertaining to Point-To-Point Transmission Service in conjunction with the applicable Common Service Provisions of Part I and appropriate Schedules and Attachments.

- 1.35 Part III:** Tariff Sections 28 through 35 pertaining to Network Integration Transmission Service in conjunction with the applicable Common Service Provisions of Part I and appropriate Schedules and Attachments.
- 1.35A Part IV:** Tariff Sections 36 through 40 pertaining to Balancing Authority Ancillary Services in conjunction with the applicable Common Service Provisions of Part I and appropriate Schedules and Attachments.
- 1.36 Parties:** The Transmission Provider and the Transmission Customer or Ancillary Service Customer receiving service under the Tariff.
- 1.37 Point(s) of Delivery:** Point(s) on the Transmission Provider's Transmission System where capacity and energy transmitted by the Transmission Provider will be made available to the Receiving Party under Part II of the Tariff. The Point(s) of Delivery shall be specified in the Service Agreement for Long-Term Firm Point-To-Point Transmission Service.
- 1.38 Point(s) of Receipt:** Point(s) of interconnection on the Transmission Provider's Transmission System where capacity and energy will be made available to the Transmission Provider by the Delivering Party under Part II of the Tariff. The Point(s) of Receipt shall be specified in the Service Agreement for Long-Term Firm Point-To-Point Transmission Service.
- 1.39 Point-To-Point Transmission Service:** The reservation and transmission of capacity and energy on either a firm or non-firm basis from the Point(s) of Receipt to the Point(s) of Delivery under Part II of the Tariff.
- 1.40 Power Purchaser:** The entity that is purchasing the capacity and energy to be transmitted under the Tariff.
- 1.41 Pre-Confirmed Application:** An Application that commits the Eligible Customer to execute a Service Agreement upon receipt of notification that the Transmission Provider can provide the requested Transmission Service.
- 1.42 Receiving Party:** The entity receiving the capacity and energy transmitted by the Transmission Provider to Point(s) of Delivery.
- 1.43 Regional Transmission Group (RTG):** A voluntary organization of transmission owners, transmission users and other entities approved by the Commission to efficiently coordinate transmission planning (and expansion), operation and use on a regional (and interregional) basis.
- 1.44 Reserved Capacity:** The maximum amount of capacity and energy that the Transmission Provider agrees to transmit for the Transmission Customer over the Transmission Provider's Transmission System between the Point(s) of Receipt and the Point(s) of Delivery under Part II of the Tariff. Reserved Capacity shall be expressed in terms of whole megawatts (500 kW per hour on the NSP System) on a sixty (60) minute interval (commencing on the clock hour) basis.

- 1.45 Service Agreement:** The initial agreement and any amendments or supplements thereto entered into by the Transmission Customer or Ancillary Service Customer and the Transmission Provider for service under the Tariff.
- 1.46 Service Commencement Date:** The date the Transmission Provider begins to provide service pursuant to the terms of an executed Service Agreement, or the date the Transmission Provider begins to provide service in accordance with Section 15.3, Section 29.1, or Section 37.5 under the Tariff.
- 1.47 Short-Term Firm Point-To-Point Transmission Service:** Firm Point-To-Point Transmission Service under Part II of the Tariff with a term of less than one year.
- 1.48 Solar Variable Energy Resource:** A type of Variable Energy Resource that utilizes the sun as an energy source.
- 1.4~~98~~** **System Condition:** A specified condition on the Transmission Provider's system or on a neighboring system, such as a constrained transmission element or flowgate that may trigger Curtailment of Long-Term Firm Point-to-Point Transmission Service using the curtailment priority pursuant to Section 13.6. Such conditions must be identified in the Transmission Customer's Service Agreement.
- 1.5~~049~~** **System Impact Study:** An assessment by the Transmission Provider of (i) the adequacy of the Transmission System to accommodate a request for either Firm Point-To-Point Transmission Service or Network Integration Transmission Service and (ii) whether any additional costs may be incurred in order to provide transmission service.
- 1.5~~10~~** **Third-Party Sale:** Any sale for resale in interstate commerce to a Power Purchaser that is not designated as part of Network Load under the Network Integration Transmission Service that utilizes the Transmission Provider's transmission system.
- 1.5~~24~~** **Transmission Customer:** Any Eligible Customer (or its Designated Agent) that (i) executes a Service Agreement, or (ii) requests in writing that the Transmission Provider file with the Commission, a proposed unexecuted Service Agreement to receive transmission service under Part II of the Tariff. This term is used in the Part I Common Service Provisions to include customers receiving transmission service under Part II and Part III of this Tariff.
- 1.5~~32~~** **Transmission Provider:** Northern States Power Company (Minnesota) (or its intended successor-in-interest to its utility business) and Northern States Power Company (Wisconsin) (collectively "NSP Companies" or as "NSP"), Public Service Company of Colorado ("PSCo"), or Southwestern Public Service Company ("SPS"), each of which is an operating subsidiary of Xcel Energy Inc. ("Xcel"). NSP, PSCo, and SPS are public utilities that own, control, or operate facilities used for the transmission of electric energy in interstate commerce and provide transmission service under the Tariff. For Network Integration Transmission Service across the Lamar Tie between SPS and PSCo that implements transactions under the Xcel Energy Joint Operating Agreement, the Transmission Provider is both SPS and PSCo. For non-grandfathered Network

Integration Transmission Service or Point to Point Service between SPS and PSCo across the Lamar Tie, the Transmission Provider is both the Southwest Power Pool, Inc. under the SPP Open Access Transmission Tariff (SPP OATT) and PSCo under the Tariff.

1.5~~43~~ **Transmission Provider's Monthly Transmission System Peak:** The maximum firm usage of the Transmission Provider's Transmission System in a calendar month, including all Network Load and Firm Point-To-Point Transmission Service.

1.5~~54~~ **Transmission Service:** Point-To-Point Transmission Service provided under Part II of the Tariff on a firm and non-firm basis.

1.5~~65~~ **Transmission System:** The facilities owned, controlled or operated by the Transmission Provider that are used to provide transmission service under Part II, Part III and Part IV of the Tariff.

1.5~~76~~ **Variable Energy Resource:** A Variable Energy Resource shall mean a device for the production of electricity that is characterized by an energy source that: (1) is renewable; (2) cannot be stored by the facility owner or operator; and (3) has variability that is beyond the control of the facility owner or operator.

1.58 Wind Variable Energy Resource: A type of Variable Energy Resource that utilizes wind as an energy source.

SCHEDULE 3

Regulation and Frequency Response Service

Regulation and Frequency Response Service is necessary to provide for the continuous balancing of resources (generation and interchange) with load and for maintaining scheduled Interconnection frequency at sixty cycles per second (60 Hz). Regulation and Frequency Response Service is accomplished by committing on-line generation whose output is raised or lowered (predominantly through the use of automatic generating control equipment) and by other non-generation resources capable of providing this service as necessary to follow the moment-by-moment changes in load.

- (a) In the case of service under Parts II or III of this Tariff, the obligation to maintain this balance between resources and load lies with the Transmission Provider (or the Balancing Authority Area operator that performs this function for the Transmission Provider). The Transmission Provider must offer this service when the transmission service is used to serve load within its Balancing Authority Area. The Transmission Customer must either purchase this service from the Transmission Provider or make alternative comparable arrangements to satisfy its Regulation and Frequency Response Service obligation. The Transmission Provider will take into account the speed and accuracy of regulation resources in its determination of Regulation and Frequency Response reserve requirements, including as it reviews whether a self-supplying Transmission Customer has made alternative comparable arrangements. Upon request by the self-supplying Transmission Customer, the Transmission Provider will share with the Transmission Customer its reasoning and any related data used to make the determination of whether the Transmission Customer has made alternative comparable arrangements. The amount of and charges for Regulation and Frequency Response Service are set forth below.
- (b) In the case of service under Part IV of this Tariff, the obligation to maintain the balance between resources and loads lies with the Balancing Authority Operator (BA Operator). The BA Operator must offer this service for Ancillary Service Customers (ASCs) within the Balancing Authority Area. The ASC must either purchase this service from the BA Operator or make alternative comparable arrangements to satisfy the ASC's Regulation and Frequency Response Service obligation.
- (c) Dynamic Scheduling is a means to satisfy the regulation and frequency response function through an alternate comparable arrangement. The Transmission Customer or Ancillary Service Customer will be allowed to use dynamic scheduling when it is feasible and reliable. Dynamic scheduling involves the arrangement for moving generation or load served within one Balancing Authority Area, such that the generation or load is recognized in the real-time control and dispatch of another Balancing Authority Area. Under dynamic scheduling, the operator of a host Balancing Authority Area agrees to

assign certain customer generation or load to an attaining Balancing Authority Area, and send the associated control signals to balance variability of the assigned generation and load along with its other balancing obligations. Dynamic scheduling is implemented through the use of specific telemetry and control equipment. If the Transmission Provider or BA Operator supplies dynamic scheduling service to the Transmission Customer or Ancillary Service Customer, such charges will be developed at such time as service is requested.

Service by Public Service Company of Colorado:

The Network Integration Service Customer, Ancillary Service Customer, or customer using Point-to-Point Transmission Service from PSCo to serve load in the PSCo Balancing Authority Area shall pay a Regulation and Frequency Response Service charge under this tariff based on the sum of the charges applicable to the customer's Load, Non-Variable Energy Resources, Solar Variable Energy Resources, and Wind Variable Energy Resources, as determined below. Transmission Customers taking Point-to-Point Transmission Service for delivery to a Point of Delivery external to the PSCo Balancing Authority Area shall pay a Regulation and Frequency Response Service Charge under Schedule 3A. The Transmission Provider may not charge a Transmission Customer for service under both Schedule 3 and Schedule 3A for the same transaction.

(a) Load

The charges for Regulation and Frequency Response Service are to be based on the rates set forth below, as found in Attachment O – PSCo of this Tariff.

- 1) Monthly Point-To-Point Delivery: the amount identified on Table 2, line 46 load column of the PSCo formula rate /kW-month of reserved capacity
- 2) Weekly Point-To-Point Delivery: the amount identified on Table 2, line 47 load column of the PSCo formula rate /kW-week of reserved capacity
- 3) Daily Point-To-Point Delivery: the amount identified on Table 2, line 48 load column of the PSCo formula rate /MW-day of reserved capacity
- 4) Daily Point-To-Point Delivery off peak: the amount identified on Table 2, line 49 load column of the PSCo formula rate /MW-day of reserved capacity
- 5) Hourly Point-To-Point Delivery: the amount identified on Table 2, line 50 load column of the PSCo formula rate /MWh of reserved capacity
- 6) Hourly Point-To-Point Delivery off peak: the amount identified on Table 2, line 51 load column of the PSCo formula rate /MWh of reserved capacity
- 7) Network Integration Delivery: the amount identified on Table 2, line 52 load column of the PSCo formula rate /kW-month of Network Load
- 8) Ancillary Services Delivery the amount identified on Table 2, line 53 load column of the PSCo formula rate /kW-month of Ancillary Service Load

b) Non-Variable Energy Resources, billed based on the nameplate capacity of Non-Variable Energy Resources located within the PSCo Balancing Area serving the customer's load as of January 1 of the applicable year.

The charges for Regulation and Frequency Response Service are to be based on the rates set forth below, as found in Attachment O – PSCo of this Tariff.

- 1) Monthly Point-To-Point Delivery: the amount identified on Table 2, line 46 Non-VER column of the PSCo formula rate /kW-month
- 2) Weekly Point-To-Point Delivery: the amount identified on Table 2, line 47 Non-VER column of the PSCo formula rate /kW-week
- 3) Daily Point-To-Point Delivery: the amount identified on Table 2, line 48 Non-VER column of the PSCo formula rate /MW-day
- 4) Daily Point-To-Point Delivery off peak: the amount identified on Table 2, line 49 Non-VER column of the PSCo formula rate /MW-day
- 5) Hourly Point-To-Point Delivery: the amount identified on Table 2, line 50 Non-VER column of the PSCo formula rate /MWh
- 6) Hourly Point-To-Point Delivery off peak: the amount identified on Table 2, line 51 Non-VER column of the PSCo formula rate /MWh
- 7) Network Integration Delivery: the amount identified on Table 2, line 52 Non-VER column of the PSCo formula rate /kW-month
- 8) Ancillary Services Delivery the amount identified on Table 2, line 53 Non-VER column of the PSCo formula rate /kW-month

(c) Solar Variable Energy Resources, billed based on the nameplate capacity of Solar Variable Energy Resources located within the PSCo Balancing Area serving the customer's load as of January 1 of the applicable year.

The charges for Regulation and Frequency Response Service are to be based on the rates set forth below, as found in Attachment O – PSCo of this Tariff.

- 1) Monthly Point-To-Point Delivery: the amount identified on Table 2, line 46 Solar column of the PSCo formula rate /kW-month
- 2) Weekly Point-To-Point Delivery: the amount identified on Table 2, line 47 Solar column of the PSCo formula rate /kW-week
- 3) Daily Point-To-Point Delivery: the amount identified on Table 2, line 48 Solar column of the PSCo formula rate /kW-day
- 4) Daily Point-To-Point Delivery off peak: the amount identified on Table 2, line 49 Solar column of the PSCo formula rate /kW-day
- 5) Hourly Point-To-Point Delivery: the amount identified on Table 2, line 50 Solar column of the PSCo formula rate /MWh
- 6) Hourly Point-To-Point Delivery off peak: the amount identified on Table 2, line 51 Solar column of the PSCo formula rate /MWh
- 7) Network Integration Delivery: the amount identified on Table 2, line 52 Solar column of the PSCo formula rate /kW-month
- 8) Ancillary Services Delivery the amount identified on Table 2, line 53 Solar column of the PSCo formula rate /kW-month

(c) Wind Variable Energy Resources, billed based on the nameplate capacity of Wind Variable Energy Resources located within the PSCo Balancing Area serving the customer's load as of January 1 of the applicable year.

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The charges for Regulation and Frequency Response Service are to be based on the rates set forth below, as found in Attachment O – PSCo of this Tariff.

- 1) Monthly Point-To-Point Delivery: the amount identified on Table 2, line 46 Wind column of the PSCo formula rate /kW-month
- 2) Weekly Point-To-Point Delivery: the amount identified on Table 2, line 47 Wind column of the PSCo formula rate /kW-week
- 3) Daily Point-To-Point Delivery: the amount identified on Table 2, line 48 Wind column of the PSCo formula rate /kW-day
- 4) Daily Point-To-Point Delivery off peak: the amount identified on Table 2, line 49 Wind column of the PSCo formula rate /kW-day
- 5) Hourly Point-To-Point Delivery: the amount identified on Table 2, line 50 Wind column of the PSCo formula rate /MWh
- 6) Hourly Point-To-Point Delivery off peak: the amount identified on Table 2, line 51 Wind column of the PSCo formula rate /MWh
- 7) Network Integration Delivery: the amount identified on Table 2, line 52 Wind column of the PSCo formula rate /kW-month
- 8) Ancillary Services Delivery the amount identified on Table 2, line 53 Wind column of the PSCo formula rate /kW-month

The nameplate capacity of Non-Variable Resources and Solar and Wind Variable Energy Resources used for billing purposes for the calendar year shall be the nameplate capacity of Non-Variable Resources and Solar and Wind Variable Energy Resources serving the customer's load as of January 1 of that calendar year; nameplate capacity figures shall only be updated for billing purposes on January 1 of the applicable year. To facilitate proper billing, the customer shall provide a written certification setting forth each of the customer's Non-Variable Resources and Solar and Wind Variable Energy Resources and the nameplate capacity of each listed resource. This written certification shall be provided on or before December 1 of each year for the following calendar year.

d) An Ancillary Service Customer whose load is served by no more than 10 MW nameplate capacity of Solar and Wind Variable Energy Resources, all of which is interconnected to the distribution system behind the meter, shall not pay the charge set forth in (c) above but shall instead pay an administrative charge equal to \$0.078/kW-month.

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SCHEDULE 3A
Regulation and Frequency Response Service for
Point-To-Point Transmission Service
For exports from Public Service Company of Colorado

Regulation and Frequency Response Service is necessary to provide for the continuous balancing of resources (generation and interchange) with load and for maintaining scheduled Interconnection frequency at sixty cycles per second (60 Hz). Regulation and Frequency Response Service is accomplished by committing on-line generation whose output is raised or lowered (predominantly through the use of automatic generating control equipment) and by other non-generation resources capable of providing this service as necessary to follow the moment-by-moment changes in load and moment-to-moment changes for a generator located within the PSCo Balancing Authority Area that is delivering to a load outside the PSCo Balancing Authority Area.

The Transmission Provider must offer this service to Transmission Customers taking Point-to-Point Transmission Service. Notwithstanding the foregoing, the Transmission Provider may not charge a Transmission Customer for service under both Schedule 3 and Schedule 3A for the same transaction.

The Transmission Customer taking such Point-To-Point Transmission Service must either purchase Regulation and Frequency Response Service from the Transmission Provider or make alternative comparable arrangements, as may be further described in applicable PSCo business practices. Alternative comparable arrangements for a Transmission Customer may include self-supply of this service from generation or non-generation resources. The Transmission Provider will take into account the speed and accuracy of regulation resources in its determination of Regulation and Frequency Response reserve requirements, including as it reviews whether a self-supplying Transmission Customer has made alternative comparable arrangements. Upon request by the self-supplying Transmission Customer, the Transmission Provider will share with the Transmission Customer its reasoning and any related data used to make the determination of whether the Transmission Customer has made alternative comparable arrangements.

The amount of and charges for Regulation and Frequency Response Service are set forth below. Charges for Regulation and Frequency Response Service apply to Long-Term Firm Point-to-Point Transmission Service, Short-Term Firm Point-to-Point Transmission Service, and Non-Firm Point-to-Point Transmission Service. The rates below are applied to the amount of the Transmission Customer's Reserved Capacity for Long-Term Firm Point-to-Point Transmission Service, or the Transmission Customer's hourly schedules for Short-Term Firm or Non-Firm Point-to-Point Transmission Service, grossed up for losses as determined under Schedule 14.

(a) Non-Variable Energy Resources billed based on the reserved capacity for Non-Variable Energy Resources located within the PSCo Balancing Area being exported out of the PSCo BA.

The charges for Regulation and Frequency Response Service are to be based on the rates set forth below, as found in Attachment O – PSCo of this Tariff.

- 1) Monthly Point-To-Point Delivery: the amount identified on Table 2, line 46
Non-VER column of the PSCo formula rate /kW-month of reserved capacity
- 2) Weekly Point-To-Point Delivery: the amount identified on Table 2, line 47
Non-VER column of the PSCo formula rate /kW-week of reserved capacity
- 3) Daily Point-To-Point Delivery: the amount identified on Table 2, line 48
Non-VER column of the PSCo formula rate / MW-day of reserved capacity
- 4) Daily Point-To-Point Delivery off peak: the amount identified on Table 2, line 49
Non-VER column of the PSCo formula rate /MW-day of reserved capacity
- 5) Hourly Point-To-Point Delivery: the amount identified on Table 2, line 50
Non-VER column of the PSCo formula rate /MWh of reserved capacity
- 6) Hourly Point-To-Point Delivery off peak: the amount identified on Table 2, line 51
Non-VER column of the PSCo formula rate /MWh of reserved capacity
month

(b) Solar Variable Energy Resources billed based on the reserved capacity of Solar Variable Energy Resources located within the PSCo Balancing Area being exported out of the PSCo BA.

The charges for Regulation and Frequency Response Service are to be based on the rates set forth below, as found in Attachment O – PSCo of this Tariff.

- 1) Monthly Point-To-Point Delivery: the amount identified on Table 2, line 46
~~Solar~~VER column of the PSCo formula rate /kW-month of reserved capacity
- 2) Weekly Point-To-Point Delivery: the amount identified on Table 2, line 47
~~Solar~~VER column of the PSCo formula rate /kW-week of reserved capacity
- 3) Daily Point-To-Point Delivery: the amount identified on Table 2, line 48
~~Solar~~VER column of the PSCo formula rate / -MW day of reserved capacity
- 4) Daily Point-To-Point Delivery off peak: the amount identified on Table 2, line 49
~~Solar~~VER column of the PSCo formula rate MW-day of reserved capacity
- 5) Hourly Point-To-Point Delivery: the amount identified on Table 2, line 50
~~Solar~~VER column of the PSCo formula rate /MWh of reserved capacity
- 6) Hourly Point-To-Point Delivery off peak: the amount identified on Table 2, line 51
~~Solar~~VER column of the PSCo formula rate /MWh of reserved capacity

(c) Wind Variable Energy Resources billed based on the reserved capacity of Wind Variable Energy Resources located within the PSCo Balancing Area being exported out of the PSCo BA.

The charges for Regulation and Frequency Response Service are to be based on the rates set forth below, as found in Attachment O – PSCo of this Tariff.

- 1) Monthly Point-To-Point Delivery: the amount identified on Table 2, line 46
Wind column of the PSCo formula rate /kW-month of reserved capacity
- 2) Weekly Point-To-Point Delivery: the amount identified on Table 2, line 47
Wind column of the PSCo formula rate /kW-week of reserved capacity
- 3) Daily Point-To-Point Delivery: the amount identified on Table 2, line 48
Wind column of the PSCo formula rate / -MW day of reserved capacity

- 4) Daily Point-To-Point Delivery off peak: the amount identified on Table 2, line 49
Wind column of the PSCo formula rate MW-day of reserved capacity
- 5) Hourly Point-To-Point Delivery: the amount identified on Table 2, line 50
Wind column of the PSCo formula rate /MWh of reserved capacity
- 6) Hourly Point-To-Point Delivery off peak: the amount identified on Table 2, line 51
Wind column of the PSCo formula rate /MWh of reserved capacity

The nameplate capacity of Non-Variable Resources and Solar and Wind Variable Energy Resources used for billing purposes for the calendar year shall be the nameplate capacity of Non-Variable Resources and Solar and Wind Variable Energy Resources serving the customer's load as of January 1 of the calendar year: nameplate capacity figures shall only be updated for billing purposes on January 1 of the applicable year. To facilitate proper billing, the customer shall provide written certification setting forth each of the customer's Non-Variable Resources and Solar and Wind Variable Energy Resources and the nameplate capacity of each listed resource. This written certification shall be provided on or before December 1 of each year for the following calendar year.

For a Transmission Customer using Point-to-Point Transmission Service to deliver more than one type of generation resources (e.g. Non-Variable Energy Resource generation and Wind Variable Energy Resource generation) ~~both Variable Energy Resource and Non-Variable Energy Resource generation~~, the regulation rate shall be allocated proportionally between the capacity of the different~~Variable Energy Resource~~ generation types~~and the Non-Variable Energy Resource generation~~.

The total charge in any day, pursuant to a reservation for Hourly delivery, shall not exceed the Daily Rate pursuant to this Schedule 3A times the highest amount in megawatts of Reserved Capacity in any hour during such day. In addition, the total charge in any week, pursuant to a reservation for Hourly or Daily delivery, shall not exceed the Weekly Rate pursuant to this Schedule 3A times the highest amount in megawatts of Reserved Capacity in any hour during such week.

SCHEDULE 16

Flex Reserve Service

Flex Reserve Service is needed to maintain generation and load balance in the event of a reduction of online wind generation of 100 MW or more in 30 minutes due to reductions in wind speed. Any Transmission Customer or Ancillary Service Customer using wind generation to serve load in the PSCo Balancing Authority Area or exporting the output of wind generation out of the PSCo Balancing Authority Area must purchase or self-supply Flex Reserve Service.

Flex Reserve Service may be provided by the following resources: (i) generating units that are on-line but unloaded, (ii) generating units off-line but capable of starting in 30 minutes, or (iii) interruptible load or other non-generation resources capable of providing this service.

Determination of Flex Reserve Requirement.

A Transmission Customer's or Ancillary Service Customer's Flex Reserve Service requirement shall be the total Flex Reserve Requirement of ~~977~~ MW for the PSCo Balancing Authority multiplied by the customer's proportional share of wind generation in the PSCo Balancing Authority Area, based on the nameplate capacity of installed wind generation in the PSCo Balancing Authority Area serving the customer's load or scheduled exports. This nameplate capacity will be the customer's Flex reserve billing determinants. As conditions change on the PSCo system, PSCo may make a single-issue Section 205 filing with the Commission to update the total Flex Reserve Requirement value.

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The Transmission Customer or Ancillary Service Customer shall purchase Flex Reserve Service in the following amounts:

- 1) For Point-To-Point Transmission Service: the Reserve Obligation percentage identified on Table 35, line 29 of the Attachment O-PSCo formula rate
- 2) For Network Integration Transmission Service: the Reserve Obligation percentage identified on Table 35, line 29 of the Attachment O-PSCo formula rate
- 3) For Balancing Authority Area Ancillary Services: the Reserve Obligation percentage identified on Table 35, line 29 of the Attachment O-PSCo formula rate

The charges for Flex Reserve Service are to be based on the rates set forth below, as found in Attachment O – PSCo of this Tariff.

- 4) Monthly Point-To-Point Delivery: the amount identified on Table 2, line 78 of the PSCo formula rate /kW-month
- 5) Weekly Point-To-Point Delivery: the amount identified on Table 2, line 79 of the PSCo formula rate /kW-week
- 6) Daily Point-To-Point Delivery: the amount identified on Table 2, line 80 of the PSCo formula rate /kW-day
- 7) Daily Point-To-Point Delivery: the amount identified on Table 2, line 81 of the PSCo formula rate /kW-day

- | | |
|--|--|
| 8) Hourly Point-To-Point Delivery:
the PSCo formula rate /MWh | the amount identified on Table 2, line 82 of |
| 9) Hourly Point-To-Point Delivery:
the PSCo formula rate /MWh | the amount identified on Table 2, line 83 of |
| 10) Network Integration Delivery:
the PSCo formula rate /kW-month | the amount identified on Table 2, line 84 of |
| 11) Ancillary Services Delivery:
the PSCo formula rate /kW-month | the amount identified on Table 2, line 85 of |

The total demand charge in any day, pursuant to a reservation for Hourly delivery, shall not exceed the rate specified in section (6) above times the highest amount in kilowatts of Reserved Capacity in any hour during such day. In addition, the total demand charge in any week, pursuant to a reservation for Hourly or Daily delivery, shall not exceed the rate specified in section (5) above times the highest amount in kilowatts of Reserved Capacity in any hour during such week.

Notwithstanding the foregoing, an Ancillary Service Customer whose load is served by no more than 10 MW nameplate capacity of wind generation all of which is interconnected to the distribution system behind the meter, shall not pay the charge set forth above but shall instead pay an administrative charge equal to \$0.58/kW-month.

The customer must either purchase this service from the Transmission Provider or BA Operator or make alternative comparable arrangements to satisfy its Flex Reserve Service obligation.

The nameplate capacity of the customer's wind generation used for billing purposes for the calendar year shall be the nameplate capacity of wind generation serving the customer's load or scheduled exports as of January 1 of that calendar year: nameplate capacity figures shall only be updated for billing purposes on January 1 of the applicable year. To facilitate proper billing, the customer shall provide a written certification setting forth each customer's wind generating resources and nameplate capacity of each listed resource. This written certification shall be provided on or before December 1 of each year for the following calendar year.

Xcel Energy Operating Companies
 FERC FPA Electric Tariff
 Third Revised Volume No. 1

Att O-PSCo Formula Rate,
 Table 2, Rates- Summary of Rates
 Version ~~0-2-0~~ 0.3.0
 Proposed Effective Date: ~~1/1/2018~~ 1/1/2021
 Page 1 of 3

Public Service Company of Colorado
 Transmission Formula Rate Settlement Template
 Twelve Months Ended December 31, 20XX
 Summary of Estimated Rates

Table 2
 Est. Rates

Line No.	Description	Reference	Transmission Amount
	Col. (1)	Col. (2)	Col. (3)
1	Revenue Requirement	ATRR Est. Line 138	\$ -
2			
3	Prior Period Correction True up Adjustment	WP_A-2 Line 136	-
4	Interest on Prior Period Correction True Up Adjustment	WP_A-2 Line 137	-
5			
6	Estimated Revenue Requirement with True Up	Sum Lines 1 through 4	<u>\$ -</u>
7			
8	Divisor		
9	Transmission Network Load	WP_I-1 Line 15, Col. (g)	0
10			
11	Rates		
12	Annual Cost (\$/kW-Yr)	Line 6 / Line 9	\$ - /kW-year
13			
14	Network & Point-to-Point Rate (\$/kW-Mo)	Line 12 / 12	\$ - /kW-month
15			
16	Weekly P-To-P Rate	Line 12 / 52	\$ - /kW-week
17	Daily P-To-P Rate (Capped at weekly rate)	Line 16 / 6	\$ - /kW-day
18	On Peak Hourly P-To-P Rate (Capped at weekly & daily rate)	(Line 17 / 16) X 1,000 ((Line 16 / 7) / 24) X 1,000	\$ - /MWh
19	Off Peak Hourly P-To-P Rate		\$ - /MWh
20			
21	FERC Annual Charge	(Note 1)	/MWh
22			
23			
24	Ancillary Service Rates (2)		
25			
26	Schedule 1- Scheduling, System Control and Dispatch		
27	Monthly Point-to-Point Delivery	Schedule 1 Line 18	\$ - /kW-month
28	Weekly Point-to-Point Delivery	Schedule 1 Line 19	\$ - /kW-week
29	Daily Point-to-Point Delivery	Schedule 1 Line 20	\$ - /kW-day
30	Hourly Point-to-Point Delivery	Schedule 1 Line 21	\$ - /MWh
31	Network Integration Delivery	Schedule 1 Line 18	\$ - /kW-month
32	Ancillary Service Delivery	Schedule 1 Line 18	\$ - /kW-month
33			
34	Schedule 2- Reactive Supply and Voltage Control From Generation Sources Service		
35	Monthly Point-to-Point Delivery	Schedule 2 Line 24	\$ - /kW-month
36	Weekly Point-to-Point Delivery	Schedule 2 Line 25	\$ - /kW-week
37	Daily Point-to-Point Delivery	Schedule 2 Line 26	\$ - /kW-day

Xcel Energy Operating Companies
FERC FPA Electric Tariff
Third Revised Volume No. 1

Att O-PSCo Formula Rate,
Table 2, Rates- Summary of Rates
Version ~~0-2-0~~ 0.3.0
Proposed Effective Date: ~~1/1/2018~~ 1/1/2021
Page 2 of 3

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38	Daily Point-to-Point Delivery off Peak	Schedule 2 Line 27	\$	-	/kW-day
39	Hourly Point-to-Point Delivery	Schedule 2 Line 28	\$	-	/MWh
40	Hourly Point-to-Point Delivery off Peak	Schedule 2 Line 29	\$	-	/MWh
41	Network Integration Delivery	Schedule 2 Line 24	\$	-	/kW-month
42	Ancillary Service Delivery	Schedule 2 Line 24	\$	-	/kW-month

Schedule 3 and 3A- Regulation and Frequency Response Service

	Reserved Capacity Factor applicable to network load, reserved capacity, or nameplate capacity	Load	Non-VER	Wind	Solar	
45		Schedule 3 and 3A, Line 30	0.96%	0.07%	2.03%	1.10%
46	Monthly Point-to-Point Delivery	Schedule 3 and 3A Line 32	\$	\$	\$	\$ /kW-month
47	Weekly Point-to-Point Delivery	Schedule 3 and 3A Line 33	\$	\$	\$	\$ /kW-week
48	Daily Point-to-Point Delivery on Peak	Schedule 3 and 3A Line 34	\$	\$	\$	\$ /MW-day
49	Daily Point-to-Point Delivery off Peak	Schedule 3 and 3A Line 35	\$	\$	\$	\$ /MW-day
50	Hourly Point-to-Point Delivery on Peak	Schedule 3 and 3A Line 36	\$	\$	\$	\$ /MWh
51	Hourly Point-to-Point Delivery off Peak	Schedule 3 and 3A Line 37	\$	\$	\$	\$ /MWh
52	Network Integration Delivery	Schedule 3 and 3A Line 38	\$	\$	\$	\$ /kW-month
53	Ancillary Service Delivery	Schedule 3 and 3A Line 39	\$	\$	\$	\$ /kW-month

Schedule 5- Operating Reserve- Spinning Reserve Service

57	Reserved Capacity Factor applicable to network load or reserved capacity	Note 3	3.50%	x monthly Load	
58	Monthly Point-to-Point Delivery	Schedule 5 Line 22	\$	-	/kW-month
59	Weekly Point-to-Point Delivery	Schedule 5 Line 23	\$	-	/kW-week
60	Daily Point-to-Point Delivery	Schedule 5 Line 24	\$	-	/kW-day
61	Daily Point-to-Point Delivery off Peak	Schedule 5 Line 25	\$	-	/kW-day
62	Hourly Point-to-Point Delivery on Peak	Schedule 5 Line 26	\$	-	/MWh
63	Hourly Point-to-Point Delivery off Peak	Schedule 5 Line 27	\$	-	/MWh
64	Network Integration Delivery	Schedule 5 Line 22	\$	-	/kW-month
65	Ancillary Service Delivery	Schedule 5 Line 22	\$	-	/kW-month

Schedule 6 - Operating Reserve - Supplemental Reserve Service

68	Reserved Capacity Factor applicable to network load or reserved capacity	Note 3	3.50%	x monthly Load	
69	Monthly Point-to-Point Delivery	Schedule 6 Line 22	\$	-	/kW-month
70	Weekly Point-to-Point Delivery	Schedule 6 Line 23	\$	-	/kW-week
71	Daily Point-to-Point Delivery	Schedule 6 Line 24	\$	-	/kW-day
72	Daily Point-to-Point Delivery off Peak	Schedule 6 Line 25	\$	-	/kW-day
73	Hourly Point-to-Point Delivery on Peak	Schedule 6 Line 26	\$	-	/MWh
74	Hourly Point-to-Point Delivery off Peak	Schedule 6 Line 27	\$	-	/MWh
75	Network Integration Delivery	Schedule 6 Line 22	\$	-	/kW-month
76	Ancillary Service Delivery	Schedule 6 Line 22	\$	-	/kW-month

Schedule 16 - Flex Reserve

79	Reserve Obligation	Schedule 16, Line 29	0.0%	x monthly Load
			\$	-

Xcel Energy Operating Companies
FERC FPA Electric Tariff
Third Revised Volume No. 1

Att O-PSCo Formula Rate,
Table 2, Rates- Summary of Rates
Version ~~0-2-0~~ 0.3.0
Proposed Effective Date: ~~1/1/2018~~ 1/1/2021
Page 3 of 3

80	Monthly Point-to-Point Delivery	Schedule 16 Line 3 1	\$	-	/kW-month
81	Weekly Point-to-Point Delivery	Schedule 16 Line 3 2	\$	-	/kW-week
82	Daily Point-to-Point Delivery	Schedule 16 Line 3 3	\$	-	/kW-day
83	Daily Point-to-Point Delivery off Peak	Schedule 16 Line 3 4	\$	-	/kW-day
84	Hourly Point-to-Point Delivery on Peak	Schedule 16 Line 3 5	\$	-	/MWh
85	Hourly Point-to-Point Delivery off Peak	Schedule 16 Line 3 6	\$	-	/MWh
86	Network Integration Delivery	Schedule 16 Line 3 7	\$	-	/kW-month
87	Ancillary Service Delivery	Schedule 16 Line 3 8	\$	-	/kW-month

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Note 1. The FERC's annual charge per MWh is established by the Commission annually, and is assessed to the Transmission Owner, and is passed through to the Transmission Customers.

Note 2. Ancillary Service Schedules 2, 3, 3A, 5, 6, 16 will be based on actual data from the latest FERC Form No. 1. These schedules will be updated annually with the Annual Update but will not be subject to the True-up provision. Ancillary Service Schedule 1 will be updated annually, will be based on forecast data and will be subject to the True-up provision.

Note 3. Fixed value that cannot change without a Section 205 or 206 filing.

Deleted: Note 3. Amount identified on Table 35, line 29.

[illegible]

Description of Revenue Types:

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Ancillary services include regulation & frequency, control & dispatch, voltage control, reactive, spinning reserve, scheduling, and flex reserve.

Load associated with these revenues are included in the formula divisor.

Revenue credit because the load is not included in divisor.

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Credit	-	-	-	-
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Description of Revenue Types:

Ancillary services includes regulation & frequency, control & dispatch, voltage control, reactive, spinning reserve, scheduling, and flex reserve.
Load associated with these revenues are included in the formula divisor.
Revenue credit because the load is not included in divisor.

Note 1. FERC Form 1 does not report Account 456.1 in the subcategories presented. The information is from Company Records. The total in Column O ties to the balance of Account 456.1 as reported in the FERC Form 1.

Xcel Energy Operating Companies
FERC FPA Electric Tariff
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Att O-PSCo Formula Rate,
Table 29, Schedule 3
Version ~~0.1.0~~ 0.2.0

Proposed Effective Date: ~~4-16-2016~~ 1-1-2021

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Public Service Company of Colorado
Transmission Formula Rate Settlement Template
Ancillary Services, Schedules No. 3 and 3A -
Regulation and Frequency Response Service

Table 29
Schedule 3 and 3A

Line No	Plant/Type col. (a)	col. (b)	Contribution Ratio (1) col. (c)	Installed Cost (\$/kW) (2) col. (d)	Operation and Maintenance (\$/kW) (3) col. (e)	Fixed charge (\$/kW) (d) x Prod FCR without O&M (4) or if PP (d) x 1.0 col. (f)	Cost of providing reactive supply services (\$/kW) (5) col. (g)	Weighted Annual Cost (\$/kW) ((f)+(e)-(g)) x (c) col. (h)
1	Alamosa		0.1%4.9%	0.00	0.00	0.00	0.00	0.00
2	Blue Spruce		3.9%6.9%	0.00	0.00	0.00	0.00	0.00
3	Cabin Creek		2.6%9.0%	0.00	0.00	0.00	0.00	0.00
4	Cherokee		1.5%0.0%	0.00	0.00	0.00	0.00	0.00
5	Cherokee CC (5, 6, 7)		16.2%2.2%	0.00	0.00	0.00	0.00	0.00
6	Comanche		12.6%9.4%	0.00	0.00	0.00	0.00	0.00
7	Fort Lupton		0.1%2.5%	0.00	0.00	0.00	0.00	0.00
8	Fruita		0.0%0.0%	0.00	0.00	0.00	0.00	0.00
9	Fort Saint Vrain CC (1-4)		22.8%0.0%	0.00	0.00	0.00	0.00	0.00
10	Fort Saint Vrain CT (5-6)		1.3%0.3%	0.00	0.00	0.00	0.00	0.00
11	Hayden		4.2%0.0%	0.00	0.00	0.00	0.00	0.00
12	Pawnee		5.6%0.0%	0.00	0.00	0.00	0.00	0.00
13	Rocky Mountain Energy Center		19.6%25.5%	0.00	0.00	0.00	0.00	0.00
14	Valmont		0.0%2.0%	0.00	0.00	0.00	0.00	0.00
15	SWG Arapahoe		2.0%5.5%	0.00	0.00	0.00	0.00	0.00
16	SWG Fountain Valley		1.3%23.4%	0.00	0.00	0.00	0.00	0.00
17	Brush Cogeneration Partners (Brush 1&3) PP		0.1%6.1%	0.00	0.00	0.00	0.00	0.00
18	Brush Cogeneration Partners (Brush 4) PP		0.2%0.3%	0.00	0.00	0.00	0.00	0.00
19	Colorado Energy Management LLC (Manch) PP		2.1%0.4%	0.00	0.00	0.00	0.00	0.00
20	Plains End LLC PP		2.9%4.9%	0.00	0.00	0.00	0.00	0.00
21	Spindle Hill PP		0.8%4.4%	0.00	0.00	0.00	0.00	0.00
22	Spindle Hill PP		4.2%	0.00	0.00	0.00	0.00	0.00
23								
24			100.0%				Total Reg/LF cost (\$/kW)	0.00
25							losses	0.00%
26							Annual Cost (\$/MW)	0.00
27		Load	Non-VER	VER	Wind	Solar		
28	Required Capacity (1)	65,637,988	4,434,917	64,024,657	3,37			
29	Divisor (1)	6,868,006,268	6,547,007,883	3,157,302,254	306.95			
30	Reserve obligation (Line 29/ Line 2930)	0.96%1.27%	0.07%0.24%	2.03%2.07%	1.10%			
31	Rate (\$/kW/Yr)	\$0.00	\$0.00	\$0.00	\$0.00			
32	Monthly (\$/kW/Mo)	\$0.000	\$0.000	\$0.000	\$0.000			
33	Weekly (\$/kW/Wk)	\$0.000	\$0.000	\$0.000	\$0.000			
34	Daily On Peak (\$/MW/Day)	\$0.000	\$0.000	\$0.000	\$0.000			
35	Daily Off Peak (\$/MW/Day)	\$0.000	\$0.000	\$0.000	\$0.000			
36	Hourly On Peak (\$/MW/hr)	\$0.000	\$0.000	\$0.000	\$0.000			
37	Hourly Off Peak (\$/MW/hr)	\$0.000	\$0.000	\$0.000	\$0.000			
38	Network Integrated Delivery (\$/kW/Mo)	\$0.000	\$0.000	\$0.000	\$0.000			
39	Ancillary Service Delivery (\$/kW/Mo)	\$0.000	\$0.000	\$0.000	\$0.000			

Note:

(1) Fixed value that cannot change without a Section 205 or 206 filing.

(2) WP_Installed Cost, Column (g).

(3) WP_O&M Cost, Column (i).

(4) WP_FCR Line 21 minus Line 1.

(5) Column (c) times WP_Reactive Cost, Column (f). For Purchased Power, used the same Reactive Power Cost as the Plants.

Xcel Energy Operating Companies
FERC FPA Electric Tariff
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Att O-PSCo Formula Rate,
Table 29, Schedule 3
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~~Public Service Company of Colorado
Transmission Formula Rate Settlement Template
Hourly Demand Data from Form 714 page 9a~~

Table 34
WP_Load Factor

12 CP (Average of Column 27)	0
Reg Demand (Average of Columns 28-51 & Lines 1-365)	0
Reserved Capacity Factor	0 %

[illegible]

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336	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
337	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
338	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

362	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
363	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
364	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
365	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Public Service Company of Colorado Table 34
Transmission Formula Rate Template

Table intentionally left blank and held for future use.

Xcel Energy Operating Companies
FERC FPA Electric Tariff
Third Revised Volume No. 1

Att O-PSCo Formula Rate,
Table 35, Schedule 16
Version ~~0.1.0~~ 0.2.0

Proposed Effective Date: ~~11-14-2018~~ 1-1-2021

Page 1 of 2

Public Service Company of Colorado
Transmission Formula Rate Template
Ancillary Services, Schedule No. 16
Flex Reserves

Table 35
Schedule 16

Line No	Plant/Type	Contribution Ratio (1)	Installed Cost (\$/kW) (2)	Operation and Maintenance (\$/kW) (3)	Fixed charge (\$/kW) (d) x Prod FCR without O&M (4) or if PP (d) x 1.0	Cost of providing reactive supply services (\$/kW) (5)	Weighted Annual Cost (\$/kW) ((f)+(e)-(g)) x (c)	
	col. (a)	col. (b)	col. (c)	col. (d)	col. (e)	col. (f)	col. (g)	col. (h)
1	Alamosa	1.2%	0.00	0.00	0.00	0.00	0.00	0.00
2	Arapahoe	1.2%	0.00	0.00	0.00	0.00	0.00	0.00
3	Blue Spruce	8.7%	0.00	0.00	0.00	0.00	0.00	0.00
4	Cherokee	5.3%	0.00	0.00	0.00	0.00	0.00	0.00
5	Cherokee CC (5, 6, 7)	3.6%	0.00	0.00	0.00	0.00	0.00	0.00
6	Cherokee	4.6%	0.00	0.00	0.00	0.00	0.00	0.00
7	Comanche	4.9%	0.00	0.00	0.00	0.00	0.00	0.00
8	Comanche	2.0%	0.00	0.00	0.00	0.00	0.00	0.00
9	Fort Lupton	2.0%	0.00	0.00	0.00	0.00	0.00	0.00
10	Fruitita	0.6%	0.00	0.00	0.00	0.00	0.00	0.00
11	Fruitita	7.0%	0.00	0.00	0.00	0.00	0.00	0.00
12	Fort Saint Vrain CC (1-4)	10.9%	0.00	0.00	0.00	0.00	0.00	0.00
13	Fort Saint Vrain CT (5-6)	%	0.00	0.00	0.00	0.00	0.00	0.00
14	Hayden	1.7%	0.00	0.00	0.00	0.00	0.00	0.00
15	Fruitita	3.2%	0.00	0.00	0.00	0.00	0.00	0.00
16	Pawnee	7.9%	0.00	0.00	0.00	0.00	0.00	0.00
17	Valmont-6	1.6%	0.00	0.00	0.00	0.00	0.00	0.00
18	Rocky Mountain Energy Center	%	0.00	0.00	0.00	0.00	0.00	0.00
19	Fort St. Vrain 1-4	3.1%	0.00	0.00	0.00	0.00	0.00	0.00
20	Valmont 6	11.2%	0.00	0.00	0.00	0.00	0.00	0.00
21	Fort St. Vrain 5-6	%	0.00	0.00	0.00	0.00	0.00	0.00
22	SWG Arapahoe	5.6%	0.00	0.00	0.00	0.00	0.00	0.00
23	Blue Spruce	8.1%	0.00	0.00	0.00	0.00	0.00	0.00
24	SWG Fountain Valley	2.7%	0.00	0.00	0.00	0.00	0.00	0.00
25	Rocky Mountain	6.2%	0.00	0.00	0.00	0.00	0.00	0.00
26	Brush Cogeneration Partners (Brush 1&3) PP	4.0%	0.00	0.00	0.00	0.00	0.00	0.00
27	Cabin Creek	8.3%	0.00	0.00	0.00	0.00	0.00	0.00
28	Brush Cogeneration Partners (Brush 4) PP	12.2%	0.00	0.00	0.00	0.00	0.00	0.00
29	Brush Cogeneration Partners (Brush 1&3) PP	%	0.00	0.00	0.00	0.00	0.00	0.00
30	Colorado Energy Management LLC (Manch)	5.3%	0.00	0.00	0.00	0.00	0.00	0.00
31	PP Brush Cogeneration Partners (Brush 4) PP	10.8%	0.00	0.00	0.00	0.00	0.00	0.00
32	Plains End LLC PP							
33	Colorado Energy Management LLC (Manch)							
34	PP							
35	Spindle Hill PP							
36	Plains End LLC PP							
37	Spindle Hill PP							
38		100.00%						
39							Total Reg/LF cost (\$/kW)	0.00
40							losses	0.00%
41							Annual Cost (\$/MW)	0.00
42	Required Capacity (MW) (1)	411976.78						
43	Wind Nameplate							
44	Reserve obligation (Line 27 / Line 28)	0%						
45	Rate (\$/kW/Yr)	\$0.00						
46	Monthly (\$/kW/Mo)	\$0.000						
47	Weekly (\$/kW/Wk)	\$0.000						
48	Daily On Peak (\$/MW/Day)	\$0.000						
49	Daily Off Peak (\$/MW/Day)	\$0.000						
50	Hourly On Peak (\$/MW/hr)	\$0.000						
51	Hourly Off Peak (\$/MW/hr)	\$0.000						

Xcel Energy Operating Companies
FERC FPA Electric Tariff
Third Revised Volume No. 1

Att O-PSCo Formula Rate,
Table 35, Schedule 16
Version ~~0.1.0~~ 0.2.0

Proposed Effective Date: ~~11-14-2018~~ 1-1-2021
Page 2 of 2

37	Network Integrated Delivery(\$/kW/Mo)	\$0.000
38	Ancillary Service Delivery(\$/kW/Mo)	\$0.000

Note:

- (1) Fixed value that cannot change without a Section 205 or 206 filing.
- (2) WP_Installed Cost, Column (g).
- (3) WP_O&M Cost, Column (l).
- (4) WP_FCR Line 21 minus Line 1.
- (5) Column (c) times WP_Reactive Cost, Column (f). For Purchased Power, used the same Reactive Power Cost as the Plants.

Public Service Company of Colorado
Transmission Formula Rate Template
Installed Cost
12 Months Ended December 31, 2012

Table 36
WP_Installed Cost

Line No	Plant col. (a)	Fuel Expense (\$) (1) col. (b)	Generation (kwh) (2) col. (c)	Fuel Expense (\$/kwh) (b) / (c) col. (d)	Name Plate (MW) (3) (4) col. (e)	Cumulative Name Plate capacity (MW) col. (f)	Production Investment (\$/KW) (4) (5) col. (g)	Plant factor (c)/(e)/8760/1000 col. (h)
1	Alamosa <u>Arapahoe</u>	0	0	0.0000	0	0	0	0.0000
2	Blue Spruce <u>Cherokee</u>	0	0	0.0000	0	0	0	0.0000
3	Cabin Creek <u>Comanche</u>	0	0	0.0000	0	0	0	0.0000
4	Cherokee <u>Craig</u>	0	0	0.0000	0	0	0	0.0000
5	Cherokee CC (5, 6, 7) <u>Hayden</u>	0	0	0.0000	0	0	0	0.0000
6	Comanche <u>Pawnee</u>	0	0	0.0000	0	0	0	0.0000
7	Fort Lupton <u>Valmont-5</u>	0	0	0.0000	0	0	0	0.0000
8	Fruita <u>Zuni</u>	0	0	0.0000	0	0	0	0.0000
9	Fort Saint Vrain CC (1-4) <u>Alamosa</u>	0	0	0.0000	0	0	0	0.0000
10	Fort Saint Vrain CT (5-6) <u>Fort Lupton</u>	0	0	0.0000	0	0	0	0.0000
11	Hayden <u>Fruita</u>	0	0	0.0000	0	0	0	0.0000
12	Pawnee <u>Valmont-6</u>	0	0	0.0000	0	0	0	0.0000
13	Rocky Mountain Energy Center <u>Fort St. Vrain 4-4</u>	0	0	0.0000	0	0	0	0.0000
14	Valmont 6 <u>Fort St. Vrain-5-6</u>	0	0	0.0000	0	0	0	0.0000
15	SWG Arapahoe <u>Blue Spruce</u>	0	0	0.0000	0	0	0	0.0000
16	SWG Fountain Valley <u>Rocky Mountain</u>	0	0	0.0000	0	0	0	0.0000
17	Brush Cogeneration Partners (Brush 1&3) <u>PPCabin Creek</u>	0	0	0.0000	0	0	0	0.0000
18	PPBrush Cogeneration Partners (Brush 4) <u>PPBrush Cogeneration Partners (Brush 1&3)</u>	0	0	0.0000	0	0	0	0.0000
19	PP <u>Colorado Energy Management LLC (Manch)</u>	0	0	0.0000	0	0	0	0.0000
20	PPBrush Cogeneration Partners (Brush 4) <u>PP</u>	0	0	0.0000	0	0	0	0.0000
21	Plains End LLC <u>PPColorado Energy</u>	0	0	0.0000	0	0	0	0.0000
22	Management LLC (Manch) PP <u>Spindle Hill PP</u>	0	0	0.0000	0	0	0	0.0000
	Spindle Hill PP	0	0	0.0000	0	0	0	0.0000

Note:

(1) FERC Form No. 1 Page s 326, Column (k) and 402-406, Line 20

(2) FERC Form No. 1 Page 326, Column (g), and Page 402 - 406, Line 12

(3) FERC Form No. 1 Page 326, Column (g) and Page 402 - 406, Line 5. For Purchased Power, the Name Plate capacity is a fixed value that cannot change without a Section

205 or 206 filing.:

~~(4) For purchased Power the Name Plate capacity is the amount of the purchase and the Production Investment is the demand charge divided by the Name Plate.~~

~~— The cost per kw/year is the Production Investment times 1.0.~~

~~(45)~~ FERC Form No. 1 Pages 402-406, Line 18. For Purchased Power, the Production Investment is the demand charge (FERC Form No. 1 Page 326, Column (j)) divided by the Name Plate (col. (f)), express in KW.

~~(6) Craig is operated by Tri-State~~

Xcel Energy Operating Companies
FERC FPA Electric Tariff
Third Revised Volume No. 1

Att O-PSCo Formula Rate,
Table 37, WP O&M Cost
Version ~~0-0-0~~ 0.1.0

Proposed Effective Date: ~~4-16-2016~~ 1-1-2021

Page 1 of 2

Public Service Company of Colorado
Transmission Formula Rate Template
O&M Costs
12 Months Ended December 31, 2012

Table 37
WP_O&M Cost

Line No	Plant	Name Plate (MW) (1) (2)	Production Expenses: Oper, Supv, & Engr (\$) (23) (3)	Coolants and Water (Nuclear Plants Only) (\$) (34) (4)	Steam Expenses (\$) (45) (5)	Electric Expenses (\$) (56) (6)	Misc Steam (or Nuclear) Power Expenses (\$) (67) (7)	Rent (\$) (78) (8)	Maintenance of Structures (\$) (89) (9)	Maintenance of Misc Steam (or Nuclear) Plant (\$) (94) (10)	Total Expenses (\$) sum((c): (j))	Total (\$/kW) (k)/(b)/100
	col. (a)	col. (b)	col. (c)	col. (d)	col. (e)	col. (f)	col. (g)	col. (h)	col. (i)	col. (j)	col. (k)	col. (l)
1	AlamosaArapahoe	0	0	0	0	0	0	0	0	0	0	0.00
2	Blue SpruceCherokee	0	0	0	0	0	0	0	0	0	0	0.00
3	Cabin CreekComanche	0	0	0	0	0	0	0	0	0	0	0.00
4	CherokeeCraig	0	0	0	0	0	0	0	0	0	0	0.00
5	Cherokee CC (5, 6, 7)Hayden	0	0	0	0	0	0	0	0	0	0	0.00
6	ComanchePawnee	0	0	0	0	0	0	0	0	0	0	0.00
7	Fort LuptonValmont-5	0	0	0	0	0	0	0	0	0	0	0.00
8	FruitaZuni	0	0	0	0	0	0	0	0	0	0	0.00
9	Fort Saint Vrain CC (1-4)Alamosa	0	0	0	0	0	0	0	0	0	0	0.00
10	Fort Saint Vrain CT (5-6)Fort Lupton	0	0	0	0	0	0	0	0	0	0	0.00
11	HaydenFruita	0	0	0	0	0	0	0	0	0	0	0.00
12	PawneeValmont-6	0	0	0	0	0	0	0	0	0	0	0.00
13	Rocky Mountain Energy CenterFort-St. Vrain 1-4	0	0	0	0	0	0	0	0	0	0	0.00
14	Valmont-6Fort-St. Vrain 5-6	0	0	0	0	0	0	0	0	0	0	0.00
15	SWG ArapahoeBlue Spruce	0	0	0	0	0	0	0	0	0	0	0.00
16	SWG Fountain ValleyRocky Mountain	0	0	0	0	0	0	0	0	0	0	0.00
17	Brush Cogeneration Partners (Brush 1&3) PPCabin-Creek	0	0	0	0	0	0	0	0	0	0	0.00
18	Brush Cogeneration Partners (Brush 4) PPBrush Cogeneration Partners (Brush 1&3) -PP	0	0	0	0	0	0	0	0	0	0	0.00
19	Colorado Energy Management LLC (Manch) PPBrush Cogeneration Partners (Brush 4) -PP	0	0	0	0	0	0	0	0	0	0	0.00
20	Plains End LLC PPColorado Energy Management LLC (Manch) -PP	0	0	0	0	0	0	0	0	0	0	0.00
21	Spindle Hill PPPlains-End LLC -PP	0	0	0	0	0	0	0	0	0	0	0.00
22	Spindle Hill -PP	0	0	0	0	0	0	0	0	0	0	0.00

Note:

- (1) FERC Form No. 1 Page 326, Column (g) and Page 402-406, Line 5-WP Installed Cost, Col (e).
(2) For purchased Power the Name Plate capacity is the amount of the purchase and the Production Investment is the demand charge divided by the Name Plate.
(23) FERC Form No. 1 Pages 402-406, Line 19
(34) FERC Form No. 1 Pages 402-406, Line 21
(45) FERC Form No. 1 Pages 402-406, Line 22
(56) FERC Form No. 1 Pages 402-406, Line 25
(67) FERC Form No. 1 Pages 402-406, Line 26
(78) FERC Form No. 1 Pages 402-406, Line 27
(89) FERC Form No. 1 Pages 402-406, Line 30

(~~910~~) FERC Form No. 1 Pages 402-406, Line 33
(~~11~~) ~~Craig is operated by Tri-State~~

Public Service Company of Colorado

Table 38
WP_Rea
ctive Cost

Transmission Formula Rate Template
Cost of Providing Reactive Supply
12 Months Ended December 31, 2012

Line No	Plant	Name Plate (MW) (1)	Percent of Name Plate	Reactive Power Requirement (c) * Line <u>2336</u>	Reactive Power \$/MW/Y ear (d) / (b)	Reactive Power \$/KW/Ye ar (e) / 1000
	col. (a)	col. (b)	col. (c)	col. (d)	col. (e)	col. (f)
1	Alamosa Arapahoe	0	0.0000	0	0	0.000000
2	Blue Spruce Cherokee	0	0.0000	0	0	0.000000
3	Cabin Creek Comanche	0	0.0000	0	0	0.000000
4	Cherokee Craig	0	0.0000	0	0	0.000000
5	Cherokee CC (5, 6, 7) Hayden	0	0.0000	0	0	0.000000
6	Comanche Pawnee	0	0.0000	0	0	0.000000
7	Fort Lupton Valmont 5	0	0.0000	0	0	0.000000
8	Fruita Zuni	0	0.0000	0	0	0.000000
9	Fort Saint Vrain CC (1-4) Alamosa	0	0.0000	0	0	0.000000
10	Fort Saint Vrain CT (5-6) Fort Lupton	0	0.0000	0	0	0.000000
11	Hayden Fruita	0	0.0000	0	0	0.000000
12	Pawnee Valmont 6	0	0.0000	0	0	0.000000
13	Rocky Mountain Energy Center Fort St- Vrain 1-4	0	0.0000	0	0	0.000000
14	Valmont 6 Fort St- Vrain 5-6	0	0.0000	0	0	0.000000
15	SWG Arapahoe Blue Spruce	0	0.0000	0	0	0.000000
16	SWG Fountain Valley Rocky Mountain Brush Cogeneration Partners (Brush 1&3) PP Shoshone	0	0.0000	0	0	0.000000
17	Brush Cogeneration Partners (Brush 4) PP	0	0.0000	0	0	0.000000
18	Colorado Energy Management LLC (Manch) PP	0	0.0000	0	0	0.000000
19	Plains End LLC PP	0	0.0000	0	0	0.000000
20	Spindle Hill PP Cabin Creek	0	0.0000	0	0	0.000000
21						
22						
23						
24	Total (2)	0	0.0000	0		

Note:

(1) ~~FERC Form No. 1 Page 326, Column (g) and Page 402 - 406, Line 5-WP Installed Cost, Col (e).~~

(2) Reactive Power Revenue Requirement from Schedule 2, Line 20.

ATTACHMENT A

**UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION**

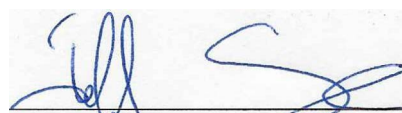
Public Service Company of Colorado

)

Docket No. ER21-_____

ATTESTATION PURSUANT TO 18 C.F.R. § 35.13(d)(6)

Jeffrey S. Savage attests that he is the Senior Vice President and Controller of Public Service Company of Colorado and that, to the best of his knowledge, information, and belief, the cost of service materials and supporting data submitted as part of this filing which purport to reflect the books of Public Service Company of Colorado are true, accurate, and current representations of the company's books, budgets, or other company documents.


Jeffrey S. Savage

October 30, 2020

ATTACHMENT B

[illegible]

EXHIBIT NO. XES-0001

October 30, 2020

DIRECT TESTIMONY OF DRAKE T. BARTLETT

TABLE OF CONTENTS

I.	INTRODUCTION	1
II.	REGULATION AND FREQUENCY RESPONSE RESERVE	4
III.	FLEX RESERVE SERVICE	20

**EXHIBITS TO
DIRECT TESTIMONY OF DRAKE T. BARTLETT**

<u>Exhibit No.</u>	<u>Description</u>
XES-0002	Summary of 15-minute data used in the calculation of the Regulation and Frequency Response service requirements
XES-0003	Table of hourly data showing the amounts of Flex Reserves held by PSCo over the test period

I. INTRODUCTION

Q. PLEASE STATE YOUR NAME, POSITION, AND BUSINESS ADDRESS.

A. My name is Drake T. Bartlett. I am employed by Xcel Energy Services Inc. (“XES”) as a Senior Market Operations Analyst in the Power Operations function. My business address is 1800 Larimer Street, Suite 1000, Denver, Colorado 80202.

Q. ON WHOSE BEHALF ARE YOU TESTIFYING?

A. I am testifying in support of Public Service Company of Colorado (“PSCo”), which is an electric utility operating company subsidiary of Xcel Energy Inc. (“Xcel Energy”). XES is the service company for the Xcel Energy holding company system, and provides services to the various Xcel Energy Operating Companies, including PSCo.

Q. PLEASE BRIEFLY OUTLINE YOUR EDUCATIONAL AND PROFESSIONAL BACKGROUND.

A. I hold a B.A. in Psychology from Grinnell College and an MBA from the University of Colorado. I have 27 years of diverse experience with the Company. My current responsibilities include working with others to efficiently and reliably integrate high levels of renewable energy resources in the generation portfolios of the various Xcel Energy Operating Companies as well as develop studies to optimize costs and savings of the renewable energy portfolios, including the identification and communication of process improvement opportunities related to system dispatch.

Q. HAVE YOU PREVIOUSLY TESTIFIED BEFORE ANY REGULATORY AUTHORITIES?

A. Yes. I have testified before the Colorado Public Utilities Commission in support of PSCo’s 2011 and 2016 Electric Resource Plans. I also submitted testimony in Docket No.

1 ER14-1969-000 in support of revising PSCo's Open Access Transmission Tariff ("PSCo
2 Tariff" or "OATT") to update the calculation of Regulating Reserve and to add a new
3 reserve product called Flexibility Reserve.

4 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?**

5 A. The purpose of my testimony is twofold. First, PSCo is proposing to revise the categories
6 of contributing sources and update the rates for Schedule 3, Regulation and Frequency
7 Response Service, and Schedule 3A, Regulation and Frequency Response Service for
8 Point-to-Point Transmission Service, which recover the costs of providing Regulation
9 and Frequency Response Service to customers within the PSCo Balancing Authority
10 Area ("PSCo BAA") and to point-to-point customers exporting from the PSCo BAA. In
11 my testimony, I discuss the changes to the methodology for calculating the reserve
12 requirement volumes for Schedule 3 and Schedule 3A. After identifying how much
13 reserves PSCo requires, derivation of a customer charge necessitates identifying the units
14 that provide the service. The testimony of Mr. Keith Parks discusses the method for
15 updating the specific units that provide the necessary reserves. Second, PSCo is
16 proposing to update the rates for Schedule 16, Flex Reserve Service. In my testimony, I
17 discuss the increase in the amount of Flex Reserve Service. The testimony of Mr. Keith
18 Parks discusses the method for updating the specific units that provide the necessary
19 reserves.

20 **Q. HOW IS THE REMAINDER OF YOUR TESTIMONY ORGANIZED?**

21 A. In Part II, I discuss the change in methodology for calculating the reserve requirement
22 volumes for Regulation and Frequency Response Service. In Part III, I explain changes to
23 the amount of Flex Reserve Service.

Q. ARE YOU SPONSORING ANY EXHIBITS?

A. Yes. I am sponsoring the following exhibits:

- Exhibit XES-0002: a summary of 15-minute data used in the calculation of the Regulation and Frequency Response service requirements; and
- Exhibit XES-0003: a table of hourly data showing the amounts of Flex Reserves held by PSCo over the test period.

I note that although my calculations involve the use of 1-minute data, an exhibit of the 1-minute data would be too voluminous to provide with my testimony. However, PSCo intends to make this 1-minute data available to affected stakeholders upon request, subject to appropriate confidentiality requirements.

Q. PLEASE SUMMARIZE YOUR CONCLUSIONS

A. I conclude that the reserve volumes needed for PSCo to provide Regulation and Frequency Response should be allocated among four different sources of the need to carry Regulation and Frequency Response reserves: Load, Solar Variable Energy Resources, Wind Variable Energy Resources, and resources that are not Variable Energy Resources (“non-VERs”). My conclusions regarding the specific allocations, based on the 2019 historic test year, are summarized as follows:

Regulation and Frequency Response Reserves:

Component 1: Following Reserves:

- Load = 34.41 MW
- Solar VERs = 2.04 MW
- Wind VERs = 58.26 MW
- Non-VERs = 0 MW

Component 2: Fast-Moving Reserves:

- Load = 31.22 MW
- Solar VERs = 1.33 MW
- Wind VERs = 5.76 MW
- Non-VERs = 4.43 MW

Total Regulation and Frequency Response Reserve Volumes Needed = 137.45 MW

I also conclude that the amount of Flex Reserve PSCo must carry is 976.78 MW.

II. REGULATION AND FREQUENCY RESPONSE RESERVE

Q. IS PSCO USING THE SAME METHODOLOGY TO IDENTIFY ITS REGULATION AND FREQUENCY RESPONSE RESERVE REQUIREMENTS THAT IT USED IN ITS LAST CASE, IN DOCKET NO. ER14-1969-000?

A. Yes, PSCo is using the same methodology as its last case, with one difference. That difference, which I explain further below, is to identify the impact of solar resources on PSCo's regulation and frequency response reserves.

Q. PLEASE SUMMARIZE PSCO'S METHODOLOGY.

A. Elements of PSCo's methodology are based on the published work of Brendan Kirby and Eric Hirst.¹ Hirst and Kirby demonstrated that loads can be decomposed into three elements: (1) the average load (base during the scheduling period); (2) the trend (ramp) during the hour and from hour to hour; and (3) the rapid fluctuations in load around the

¹ Brendan Kirby and Eric Hirst, Pricing Ancillary Services so Customers Pay for What They Use, EPRI, (July, 2000) http://www.consultkirby.com/files/EPRI_Price_2000.PDF; and Brendan Kirby and Eric Hirst, Customer-Specific Metrics for the Regulation and Load-following Ancillary Services, Oak Ridge National Laboratory, <https://certs.lbl.gov/sites/all/files/ornl-con-474.pdf> (January, 2000).

1 underlying trend. The system responses to the second and third components are called
2 load following and regulation.

3 Hirst and Kirby also demonstrated that load-following could be extracted by
4 calculating the 30-minute rolling average of two-minute load consumption readings, and
5 then identifying the difference between the highest and lowest values within each hour of
6 the 30-minute rolling average. They explained that regulation could be determined as
7 “the residual fluctuations, the difference between the raw 2 minute load data and the 30-
8 minute rolling average, and can be measured using the standard deviation of the 30 two-
9 minute readings for each hour.”

10 Finally, Hirst and Kirby showed a “fair allocation” method of allocating costs of
11 the regulation requirement among discrete loads.

12 **Q. HOW DOES PSCO USE THESE PRINCIPLES IN ITS METHODOLOGY?**

13 As it did in Docket No. ER14-1969-000, PSCo based its methodology on these
14 principles, with adjustments to recognize regulatory requirements or characteristics of its
15 system. For example, instead of calculating a 30-minute moving average of load based
16 on two-minute data, we calculated a 15-minute Centered Moving Average (“CMA”) of
17 load based on one-minute data. We used a 15-minute interval to acknowledge the
18 Commission’s requirement of Order No. 764 to offer customers the opportunity for intra-
19 hour scheduling.

20 We defined Following Reserves as half of the difference between the highest and
21 lowest values within a 15-minute period. If the load is rising over the clock quarter-hour,
22 then the following value is positive and if the load is falling over the clock quarter-hour,
23 then the following value is negative. There is also a directional component to the

1 following components of VER generators; however the sign is reversed because, on a Net
2 Load basis, a rising VER generation value has the same result as a falling load value.

3 We refer to the regulation component of Regulation and Frequency Response as
4 “Fast-Moving Reserves” as these reserves are responsible for accounting for the minute-
5 to-minute variability. We calculated Fast-Moving Reserves by subtracting 1-minute
6 instantaneous data from the 15-minute CMA with respect to load, VERs, and non-VERs.
7 Then, we subtracted the 2.5 Percentile from the 97.5 Percentile to determine the
8 dispersion of the inner 95% of the various samples. This dispersion of the inner 95% was
9 used to determine individual Following Reserves requirements for load and VERs, and
10 individual Fast-Moving Reserves requirements for load, VERs, and non-VERs.

11 I discuss our use of the “fair allocation” approach later in my testimony.

12 **Q. DOES PSCO PROPOSE A CHANGE TO THE METHODOLOGY USED TO**
13 **IDENTIFY ITS REGULATION AND FREQUENCY RESPONSE RESERVE**
14 **REQUIREMENTS?**

15 A. Yes.

16 **Q. PLEASE DESCRIBE THIS PROPOSED CHANGE.**

17 A. PSCo proposes that the Regulating Reserve contributing resource of VERs be split into
18 two separate contributing resources: (1) Wind Variable Energy Resources; and (2) Solar
19 Variable Energy Resources.

20 **Q. WHY DOES PSCO PROPOSE REPLACING THE CONTRIBUTING RESOURCE**
21 **VARIABLE ENERGY RESOURCES WITH SEPARATE CONTRIBUTING**
22 **RESOURCES OF WIND VARIABLE ENERGY RESOURCES AND SOLAR**
23 **VARIABLE ENERGY RESOURCES?**

1 A. At the time of the previous FERC filing regarding Regulating Reserve, PSCo had 2,159
2 MW of installed wind generation capacity and 86 MW of installed utility-scale solar
3 generation capacity. Because wind generation represented a significant portion of its
4 generation capacity, PSCo had spent significant effort to understand the characteristics of
5 wind generation and its impact on system reliability. In contrast, solar generation
6 represented a very small minority of its generation capacity and had a negligible impact
7 on system reliability. PSCo aggregated wind and solar generation together as Variable
8 Energy Resources and assumed that their characteristics and impact on system reliability
9 were similar.

10 PSCo now has a goal of an 80% reduction in carbon emissions by the year 2030
11 relative to 2005 levels of carbon emissions. To achieve this goal, PSCo is contemplating
12 the addition of several GWs each of incremental wind and solar generation. In
13 anticipation of significantly more solar generation capacity, PSCo has spent significant
14 effort to understand the characteristics of solar generation and the associated reliability
15 impacts and has concluded that there are fundamental differences in the characteristics of
16 wind and solar generation that warrant treating these resources as separate contributing
17 resources to Regulating Reserve.

18 **Q. PLEASE DESCRIBE THE FUNDAMENTAL DIFFERENCES IN THE**
19 **CHARACTERISTICS OF WIND VARIABLE ENERGY RESOURCES AND**
20 **SOLAR VARIABLE ENERGY RESOURCES.**

21 A. Large Wind VER ramps can occur during all seasons of the year and during all hours of
22 the day. In contrast to Wind VERs, Solar VERs have a moderately predictable pattern
23 that is influenced by the season of year and the time of day. In particular, the position of

1 the sun in the sky can be calculated with a high degree of accuracy which strongly
2 influences the available solar resource and resulting Solar VER. For example, Solar
3 VERs typically increase rapidly in the hours following sunrise and typically decrease
4 rapidly in the hours preceding sunset.

5 **Q. DOES PSCO PROPOSE ANY OTHER CHANGES TO THE CALCULATION OF**
6 **REGULATING RESERVE?**

7 A. No. In all other respects, the calculation of Regulating Reserve remains the same as
8 approved by the FERC.

9 **Q. WHAT SOURCE OF DATA DID PSCO USE TO PERFORM ITS**
10 **CALCULATIONS?**

11 A. As in the case in Docket No. ER14-1969-000, we used 1-minute instantaneous data for
12 all load, VERs, non-VERs, and ACE values on the PSCo system, over a study period of
13 calendar year 2019. The 1-minute ACE data was posted on the PSCo OASIS and the
14 remaining data was obtained from our plant information database which is sourced from
15 our Energy Management System (“EMS”) system. PSCo was able to obtain 1-minute
16 instantaneous data for each source, and it was not necessary to use proxies or
17 representative samples to conduct the analysis.

18 **Q. WHY DOES PSCO DIVIDE THE DIFFERENCE BETWEEN THE HIGHEST**
19 **AND LOWEST VALUES BY TWO WHEN CALCULATING THE FOLLOWING**
20 **COMPONENTS OF REGULATING RESERVES?**

21 A. FERC precedent requires the adjustment. In particular, in several cases addressing the
22 appropriate calculation of load following reserves, FERC has approved the approach of

1 calculating the average of the hourly load variations as a starting point for determining
2 the necessary reserves, but FERC has also required that this amount be divided by two.²

3 The theory behind this adjustment is that Regulation and Frequency Response
4 reserves are only necessary when the customer's load is in excess of the average for the
5 hour.³ In other words, the customer should not be obligated to procure or pay for load
6 following reserves for periods when its load is below the average hourly load variation.

7 **Q. PLEASE EXPLAIN THE REGULATION BENEFIT PSCO RECEIVES FROM**
8 **THE LARGER ELECTRIC GRID INTERCONNECT.**

9 A. PSCo minimizes costs through efficient system dispatch while maintaining compliance
10 with the NERC standard CPS-1 and BAL-001. In general, larger Area Control Error
11 ("ACE") deviations have a larger negative effect on CPS-1 and BAL-001 compliance
12 scores than smaller ACE deviations. As a result, PSCo is much more likely to deploy
13 Regulating Reserves to respond to large ACE deviations than to respond to small ACE
14 deviations. In other words, PSCo does not deploy regulating reserves in order to maintain
15 an ACE value of zero. Rather, PSCo uses Regulating Reserves to maintain the CPS-1 and
16 BAL-001 compliance standards and does not aggressively use Regulating Reserves to
17 correct ACE deviations when the impact on the compliance standards is not large. We
18 characterize time periods where PSCo does not aggressively deploy Regulating Reserves
19 to correct ACE deviations as the "Tie-line Contribution" to the Regulating Reserve
20 Requirement.

² Kentucky Utilities Co., 85 FERC ¶ 61,274; Allegheny Power Service Corp., 85 FERC ¶ 61,275; Otter Tail Power Co., 99 FERC ¶ 61,019 (2002).

³ Consumers Energy Co., 86 FERC ¶ 63,004 at 65,043 (1999), aff'd, 98 FERC ¶ 61,333 (2002).

1 **Q. PLEASE DESCRIBE THE CALCULATION OF THE TIE-LINE**
2 **CONTRIBUTION TO REGULATING RESERVES.**

3 A. The PSCo BAA posts 1-minute ACE values on the PSCo OASIS. PSCo calculated the
4 50th percentile of the absolute value of the 1-minute ACE values for the test period
5 (calendar year 2019) to be 29.78 MW. The 50th percentile of absolute ACE values is the
6 median ACE deviation value without regard to the direction of the deviation (positive or
7 negative). In other words, half of the ACE deviations were larger than 29.78 MW and
8 half were smaller. PSCo then doubled the median value to account for both positive and
9 negative deviations to arrive at a Fast-Moving Tie-line Contribution of 59.56 MW.

10 The Tie-line Contribution for Following was calculated in a similar fashion. PSCo
11 used the 1-minute ACE values to determine the 15-minute averaged ACE values for the
12 test period and then calculated the 50th percentile of the absolute value of the 15-minute
13 averaged ACE values to be 31.64 MW. The doubled median value, 63.28 MW, was used
14 as the Following Tie-line Contribution.

15 **Q. PLEASE DESCRIBE THE CALCULATION OF THE INDIVIDUAL**
16 **FOLLOWING AND FAST-MOVING RESERVE REQUIREMENTS FOR LOAD.**

17 A. We gathered 35,036 Load Following values (8760 hours/year * four 15-minute
18 periods/hour – four 15-minute periods due to onset of Daylight Savings Time = 35,036
19 Load Following values) from the test period. Specifically, we identified the highest and
20 lowest 15-minute CMA values during each clock quarter-hour and divided the difference
21 between these values by two to derive a Load Following value. We repeated this
22 calculation for each clock quarter-hour in the study period.

1 Compiling the 35,036 Load Following values, we calculated the Following
2 Reserves requirement for load based on a dispersion of the inner 95% of Load Following
3 values during the test year. The dispersion of the inner 95% was calculated by taking the
4 difference between the 97.5 percentile value (51.56 MW) and the 2.5 percentile value (-
5 53.16 MW), i.e., $51.56 \text{ MW} - (-53.16 \text{ MW}) = 104.72 \text{ MW}$.

6 The Fast-Moving Load values were calculated by subtracting the 1-minute load
7 sample data from the 15-minute CMA. Using the same study period (calendar year 2019),
8 we gathered 525,540 Fast-Moving Load values (8760 hours/year * 60 minutes/hour – 60
9 minutes data lost due to onset of Daylight Savings Time = 525,540 Fast-Moving Load
10 values). Compiling the 525,540 Fast-Moving Load values, we calculated the Fast-
11 Moving Reserves requirement for load based on the dispersion of the inner 95% of the
12 Fast-Moving Load values. We took the difference between the 97.5 percentile value
13 (51.12 MW) and the 2.5 percentile value (-43.54 MW) to determine the 94.66 MW
14 reserve requirement for Fast-Moving Load [$51.12 - (-43.54) = 94.66 \text{ MW}$].

15 **Q. PLEASE DESCRIBE THE CALCULATION OF THE INDIVIDUAL**
16 **FOLLOWING AND FAST-MOVING RESERVE REQUIREMENTS FOR WIND**
17 **VERS.**

18 A. We gathered 35,036 Wind VER Following values (8760 hours/year * four 15-minute
19 periods/hour – four 15-minute periods due to onset of Daylight Savings Time = 35,036
20 Wind VER Following values) from the test period. Specifically, we identified the highest
21 and lowest 15-minute CMA values during each clock quarter-hour and divided the
22 difference between these values by two to derive a Wind VER Following value. We
23 repeated this calculation for each clock quarter-hour in the study period.

1 Compiling the 35,036 Wind VER Following values, we calculated the Following
2 Reserves requirement for Wind VERs based on a dispersion of the inner 95% of Wind
3 VER Following values during the test year. The dispersion of the inner 95% was
4 calculated by taking the difference between the 97.5 percentile value (64.02 MW) and the
5 2.5 percentile value (-68.76 MW), i.e., $64.02 \text{ MW} - (-68.76 \text{ MW}) = 132.78 \text{ MW}$.

6 The Fast-Moving Wind VER values were calculated by subtracting the 1-minute
7 Wind VER sample data from the 15-minute CMA. Using the same study period (calendar
8 year 2019), we gathered 525,540 Fast-Moving Wind VER values (8760 hours/year * 60
9 minutes/hour – 60 minutes data lost due to onset of Daylight Savings Time = 525,540
10 Fast-Moving Wind VER values). Compiling the 525,540 Fast-Moving Wind VER values,
11 we calculated the Fast-Moving Reserves requirement for Wind VERs based on the
12 dispersion of the inner 95% of the Fast-Moving Wind VER values. We took the
13 difference between the 97.5 percentile value (22.20 MW) and the 2.5 percentile value (-
14 21.61 MW) to determine the 43.81 MW reserve requirement for Fast-Moving Wind
15 VERs [$22.20 - (-21.61) = 43.81 \text{ MW}$].

16 **Q. PLEASE DESCRIBE THE CALCULATION OF THE INDIVIDUAL**
17 **FOLLOWING AND FAST-MOVING RESERVE REQUIREMENTS FOR SOLAR**
18 **VERS.**

19 A. We gathered 35,036 Solar VER Following values (8760 hours/year * four 15-minute
20 periods/hour – four 15-minute periods due to onset of Daylight Savings Time = 35,036
21 Solar VER Following values) from the test period. Specifically, we identified the highest
22 and lowest 15-minute CMA values during each clock quarter-hour and divided the

1 difference between these values by two to derive a Solar VER Following value. We
2 repeated this calculation for each clock quarter-hour in the study period.

3 Compiling the 35,036 Solar VER Following values, we calculated the Following
4 Reserves requirement for Solar VERs based on a dispersion of the inner 95% of Solar
5 VER Following values during the test year. The dispersion of the inner 95% was
6 calculated by taking the difference between the 97.5 percentile value (18.45 MW) and the
7 2.5 percentile value (-18.48 MW), i.e., $18.45 \text{ MW} - (-18.48 \text{ MW}) = 36.93 \text{ MW}$.

8 The Fast-Moving Solar VER values were calculated by subtracting the 1-minute
9 Solar VER sample data from the 15-minute CMA. Using the same study period (calendar
10 year 2019), we gathered 525,540 Fast-Moving Solar VER values (8760 hours/year * 60
11 minutes/hour – 60 minutes data lost due to onset of Daylight Savings Time = 525,540
12 Fast-Moving Solar VER values). Compiling the 525,540 Fast-Moving Solar VER values,
13 we calculated the Fast-Moving Reserves requirement for Solar VERs based on the
14 dispersion of the inner 95% of the Fast-Moving Solar VER values. We took the
15 difference between the 97.5 percentile value (10.31 MW) and the 2.5 percentile value (-
16 10.52 MW) to determine the 20.83 MW reserve requirement for Fast-Moving Solar
17 VERs [$10.31 - (-10.52) = 20.83 \text{ MW}$].

18 **Q. PLEASE DESCRIBE THE CALCULATION OF THE INDIVIDUAL**
19 **FOLLOWING AND FAST-MOVING RESERVE REQUIREMENTS FOR NON-**
20 **VERS.**

21 A. Non-VER generators perform the function of matching the changing Net Load to keep
22 the Load/Generation balance which maintains the frequency of the electric grid. Non-
23 VER generators are dispatched in direct and opposing reaction to the Following

1 components of the load and VERs. For this reason, the non-VER Following component
2 to Regulation and Frequency Response reserves is 0 MW.

3 Non-VER generators do contribute to the Fast-Moving component of Regulating
4 Reserves. Non-VER unit starts, unit stops, or simple failures to precisely follow dispatch
5 instructions contribute to the minute-to-minute variability around the 15-minute CMA,
6 i.e., the Fast-Moving component, for non-VER generation.

7 We used the same study period and same methodology to calculate the non-VER
8 Fast-Moving Reserve component contribution as that used to calculate the Fast-Moving
9 Reserve component contributions for load and VERs. Like VER generators, non-VER
10 generators have an opposing directional contribution to the Total Fast-Moving Reserve
11 relative to load.

12 The Fast-Moving non-VER values were calculated by subtracting the 1-minute
13 non-VER sample data from the 15-minute CMA. Using the same study period (calendar
14 year 2019), we gathered 525,540 Fast-Moving non-VER values (8760 hours/year * 60
15 minutes/hour – 60 minutes data lost due to onset of Daylight Savings Time = 525,540
16 Fast-Moving non-VER values). Compiling the 525,540 Fast-Moving non-VER values,
17 we calculated the Fast-Moving Reserves requirement for non-VER based on the
18 dispersion of the inner 95% of the Fast-Moving non-VER values. We took the difference
19 between the 97.5 percentile value (24.40 MW) and the 2.5 percentile value (-24.85 MW)
20 to determine the 49.25 MW reserve requirement for Fast-Moving Load [24.40 – (-24.85)
21 = 49.25 MW].

1 **Q. HOW DOES PSCO ALLOCATE THE CALCULATION OF REGULATION AND**
2 **FREQUENCY RESPONSE RESERVES AMONG THE CLASS OF LOAD, NON-**
3 **VER, WIND VER AND SOLAR VER?**

4 A. PSCo used the same allocation method that it used in Docket No. ER14-1969-000, which
5 is based on Hirst and Kirby's findings. Specifically, under the Hirst and Kirby fair
6 allocation method, the contribution of a particular load is determined using a variation of
7 the sum of the squares calculation, where TL represents the Total Regulation Load, B
8 represents the discrete regulation load whose contribution to the regulation requirement is
9 sought, and $(TL - B)$ represents all other regulation load on the system:

10
$$\text{Contribution of B} = (TL^2 + B^2 - (TL - B)^2) / (2 \times TL)$$

11 An advantage of this method is that it produces fair results regardless of whether the
12 discrete loads are completely uncorrelated, perfectly correlated, or partially correlated. As
13 should be evident from the equation, each load's allocation of responsibility is smaller
14 than its regulation burden would otherwise be if evaluated in a vacuum, with no
15 consideration of the impact of other loads. This equation effectively produces results that
16 consider the diversity in a portfolio of resources, consistent with the Commission's Order
17 No. 764 requirements.

18 We used a variation of this formula to perform our fair allocation for the
19 following and fast-moving components of Regulation Reserves; instead of using a
20 standard deviation calculation to identify the Regulation Reserves burdens of each
21 contributor to the requirement, we used the interval determined by the dispersion of the
22 inner 95% of the data.

Q. WHAT IS THE FAIR ALLOCATION OF REGULATION AND FREQUENCY RESPONSE RESERVE VOLUMES TO THE FOLLOWING RESERVES COMPONENT?

A. For the Following reserves component of Regulation and Frequency Response, we calculated the allocation to Load Following by summing the square of the dispersion range of the inner 95% of Load Following values (104.72 MW) and the square of the dispersion range of the inner 95% of Net Load Following values (160.30 MW) and then subtracting the square of the dispersion range of the inner 95% of values for Load Following subtracted from Net Load Following (135.13 MW). This value was then divided by twice the value of the dispersion range of the inner 95% of values for Net Load Following ($2 * 160.30 = 320.60$). Thus, the calculation is:

$$\text{Load Following share} = [(104.72)^2 + (160.30)^2 - (135.13)^2] / (2 * 160.30) = 57.40 \text{ MW.}$$

We calculated the allocation to Wind VER Following by summing the square of the dispersion range of the inner 95% of Wind VER Following values (132.78 MW) and the square of the dispersion range of the inner 95% of values for Net Load Following (160.30 MW) and then subtracting the square of the dispersion range of the inner 95% of values for Wind VER Following subtracted from Net Load Following (110.30 MW). This value was then divided by twice the value of the dispersion range of the inner 95% of values for Net Load Following ($2 * 160.30 = 320.60$).

$$\text{The Wind VER Following share} = [(132.78)^2 + (160.30)^2 - (110.30)^2] / (2 * 160.30) = 97.19 \text{ MW.}$$

We calculated the allocation to Solar VER Following by summing the square of the dispersion range of the inner 95% of Solar VER Following values (36.93 MW) and

1 the square of the dispersion range of the inner 95% of values for Net Load Following
2 (160.30 MW) and then subtracting the square of the dispersion range of the inner 95% of
3 values for Solar VER Following subtracted from Net Load Following (161.15 MW). This
4 value was then divided by twice the value of the dispersion range of the inner 95% of
5 values for Net Load Following ($2 * 160.30 = 320.60$).

$$\begin{aligned} \text{The Solar VER Following share} &= [(36.93)^2 + (160.30)^2 - (161.15)^2] / (2 * 160.30) = \\ &3.40 \text{ MW.} \end{aligned}$$

8 The sum of the fairly allocated Following components, 157.99 MW [Load (57.40
9 MW) + Wind VER (97.19 MW) + Solar VER (3.40 MW) = 157.99 MW], is adjusted by
10 the Following Tie-Line Contribution (63.28 MW) to determine the Following reserves
11 component of Regulation and Frequency Response ($157.99 \text{ MW} - 63.28 \text{ MW} = 94.71$
12 MW). The ratio of fairly allocated Load Following to the sum of the fairly allocated
13 Following components is applied to the Following Reserves Requirement to determine
14 the final Load Following Requirement.

$$(57.40 / 157.99) * 94.71 = 34.41 \text{ MW of Load Following Requirement}$$

16 Similarly, the ratio of fairly allocated Wind VER Following to the sum of the
17 fairly allocated Following components is applied to the Following Reserves Requirement
18 to determine the final Wind VER Following Requirement.

$$(97.19 / 157.99) * 94.71 = 58.26 \text{ MW of Wind VER Following Requirement}$$

20 Finally, the ratio of fairly allocated Solar VER Following to the sum of the fairly
21 allocated Following components is applied to the Following Reserves Requirement to
22 determine the final Solar VER Following Requirement.

$$(3.40 / 157.99) * 94.71 = 2.04 \text{ MW of Solar VER Following Requirement}$$

So, of the 157.99 MW of Following reserves that results from the sum of the fairly allocated components, 34.41 MW are allocated to Load, 58.26 MW are allocated to Wind VERs, 2.04 MW are allocated to Solar VERs, and 63.28 MW are served by the Tie-line Contribution and are not allocated for rate recovery.

Q. WHAT IS THE FAIR ALLOCATION OF REGULATION AND FREQUENCY RESPONSE RESERVE VOLUMES TO THE FAST-MOVING RESERVES COMPONENT?

A. A similar process was used to fairly allocate the fast-moving component of the Regulating Reserves among load, Wind VERs, Solar VERs, and non-VER generators for a total fast-moving component of Regulating Reserves of 42.74 MW. The fairly allocated contributions to the Fast-Moving Reserves component are:

$$31.22 \text{ MW (Load)} + 5.76 \text{ MW (Wind VERs)} + 1.33 \text{ MW (Solar VERs)} + 4.43 \text{ MW (non-VERs)} = 42.74 \text{ MW.}$$

Q. WHAT ARE YOUR CONCLUSIONS REGARDING THE NECESSARY VOLUMES OF REGULATING RESERVE ON THE PSCO SYSTEM?

A. PSCo used the 2019 historic test year to determine the necessary volumes of Regulating Reserve summarized as follows:

Regulation and Frequency Response Reserve = 137.45 MW

Following Component

- Load = 34.41 MW
- Wind VER = 58.26 MW
- Solar VER = 2.04 MW
- Non-VER = 0 MW

Fast-moving Component

- Load = 31.22 MW
- Wind VER = 5.76 MW
- Solar VER = 1.33 MW
- Non-VER = 4.43 MW

Q. HOW ARE THE LOAD RESERVE VOLUMES USED TO DETERMINE THE RESERVE OBLIGATION FOR LOAD?

A. The Reserve Obligation for Load of 0.96% is calculated as follows:

$$[34.41 \text{ MW (Load Following)} + 31.22 \text{ MW (Load Fast-moving)}] /$$

$$6,868 \text{ MW (Hourly integrated peak load value for historic test year 2019)}$$

Q. HOW ARE THE WIND VER RESERVE VOLUMES USED TO DETERMINE THE RESERVE OBLIGATION FOR WIND VERS?

A. The Reserve Obligation for Wind VERs of 2.03% is calculated as follows:

$$[58.26 \text{ MW (Wind VER Following)} + 5.76 \text{ MW (Wind VER Fast-moving)}] /$$

$$3,157.3 \text{ MW (PSCo Wind Generation capacity at year-end 2019)}$$

Q. HOW ARE THE SOLAR VER RESERVE VOLUMES USED TO DETERMINE THE RESERVE OBLIGATION FOR SOLAR VERS?

A. The Reserve Obligation for Solar VERs of 1.10% is calculated as follows:

$$[2.04 \text{ MW (Solar VER Following)} + 1.33 \text{ MW (Solar VER Fast-moving)}] /$$

$$306.95 \text{ MW (PSCo utility-scale Solar Generation capacity at year-end 2019)}$$

Q. HOW ARE THE NON-VER RESERVE VOLUMES USED TO DETERMINE THE RESERVE OBLIGATION FOR NON-VERS?

A. The Reserve Obligation for Non-VERs of 0.07% is calculated as follows:

[0 MW (Non-VER Following) + 4.43 MW (Non-VER Fast-moving)] /
6547 MW (PSCo Non-VER Generation Summer Net Dependable Capacity from 2019
Loads and Resources File)

III. FLEX RESERVE SERVICE

Q. PLEASE DESCRIBE FLEX RESERVE SERVICE.

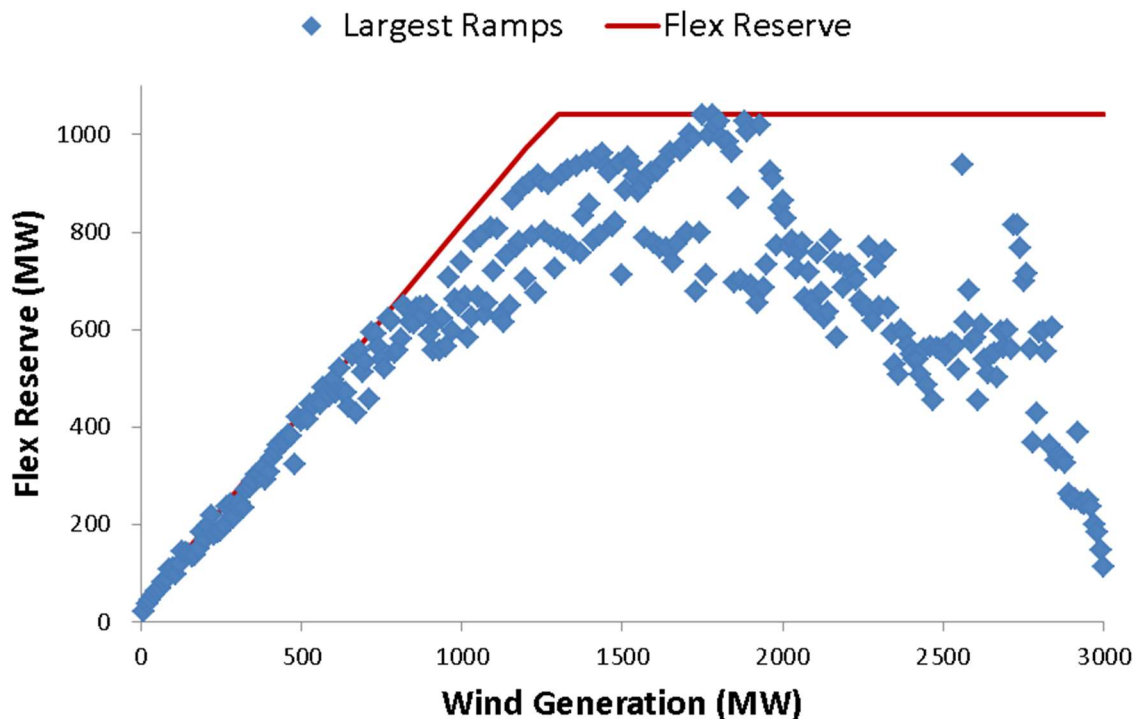
A. Since 2010, PSCo has carried 30-minute reserves above and beyond any resources set aside to meet NERC and WECC contingency reserve requirements. PSCo did not receive any recovery through ancillary service rates until our filing in Docket No. ER14-1969-000. These additional 30-minute reserves are termed “Flex Reserves.” Flex Reserves are held to address the impacts of large downward ramping events caused by reductions in wind speed across the PSCo BAA. In such cases, the drop-off of the wind is not instantaneous, but occurs over tens of minutes or even a few hours. To ensure adequate ramping capability is available for such events, Flex Reserves are held in an amount based on a historical relationship between levels of wind production on the system and the potential size of the downward wind ramp.

Flex Reserve Service is an ancillary service that reflects the unique nature of the generation portfolio connected to the PSCo system, a situation not anticipated by the Commission’s Order No. 888 *pro forma* OATT. The Flex Reserve Service product recovers from transmission customers that utilize wind power the costs imposed on PSCo of holding these additional reserves. The Commission accepted PSCo’s Flex Reserve Service in Docket No. ER14-1969-000.

Q. HOW ARE FLEX RESERVES CALCULATED?

A. PSCo uses historic data to determine the 30-minute change in wind generation given the starting level of generation. Figure 1 shows the relationship between wind generation and the required volume of Flex Reserve used in the second half of 2019 as well as the underlying ramp data which were used to define the relationship.

Figure 1: Late 2019 Flex Reserve Requirement



In Figure 1, the x-axis represents wind generation at the start of the 30-minute ramp and the y-axis represents the volume of the largest 30-minute ramps. Generation values were rounded up to the nearest tens (e.g. if wind generation was 19 MW at the start of the 30-minute ramp, then the ramp was included in the 20 MW generation bin and if wind generation were 21 MW at the start of the 30-minute ramp, then the ramp was included in the 30 MW generation bin). The blue data points in Figure 1 represent the largest loss-of-generation ramps for each 10 MW generation bin. PSCo used linear equations along the

1 leading edge of the ramp data to characterize the Flex Reserve Requirement such that the
2 Flex Reserve Requirement is as large as the largest ramp for each generation bin, but
3 capped at the largest 30-minute ramp value (1040.8 MW) in the historic data set.

4 **Q. IS PSCO PROPOSING AN INCREASE IN THE AMOUNT OF FLEX RESERVE?**

5 A. Yes. PSCo is proposing that the amount of Flex Reserve in the formula rate be changed
6 from 411 MW to 976.78 MW.

7 **Q. WHY IS PSCO PROPOSING THIS CHANGE?**

8 A. PSCo has a goal of an 80% reduction in carbon emissions by the year 2030 relative to
9 2005 levels. To achieve this goal, PSCo will be adding significant volumes of carbon-free
10 wind and solar to our generation portfolio. It is critical to keep our reserve requirements
11 associated with renewables updated to reflect current operational realities.

12 As the size of our wind generation portfolio grows, both the size and frequency of
13 large wind ramps have increased. For example, our wind generation portfolio has grown
14 from 2159 MW at the time of our filing in Docket No. ER14-1969-000 to 3956 MW
15 today. In our prior case, we explained that during the 2012-2013 study period used in that
16 filing, PSCo experienced 119 wind generation ramp-down events of more than 300 MW
17 in thirty minutes, and the largest loss in that time period was 646 MW. However, during
18 the 12-month period from July 1, 2019 through June 30, 2020, PSCo experienced 107
19 wind ramp events in which we lost over 411 MW of wind generation in 30 minutes or
20 less. The largest 30-minute loss of wind generation over this time period was 1002 MW
21 and the largest wind ramp was a loss of 2203 MW over 305 minutes. The Flex Reserve
22 requirement approved in Docket No. ER14-1969-000 is insufficient to reflect current

1 conditions. The update in Flex Reserve amount to 976.78 MW is a reflection of the
2 changing Flex Reserve need as more wind generation is added to the PSCo BA.

3 **Q. DOES REGULATION AND FREQUENCY RESPONSE RESERVE HELP**
4 **ADDRESS THE LARGEST 30-MINUTE WIND RAMPS?**

5 A. Yes. In our calculation of Regulation and Frequency Response Reserve we did not
6 exclude Flex Reserve events from the data set. As a result, Regulation and Frequency
7 Response Reserve makes some initial contribution during the beginning of a Flex
8 Reserve event, prior to the activation of Flex Reserve. For this reason, PSCo proposes
9 that customers who purchase Flex Reserve service get a capacity credit to offset the wind
10 generation portion of Regulation and Frequency Response Reserve.

11 **Q. COULD PSCO USE ONLY REGULATION AND FREQUENCY RESPONSE**
12 **RESERVE TO ADDRESS THESE WIND DOWN RAMPS?**

13 A. No. As we explained in our filing in Docket No. ER14-1969-000, PSCo uses Regulation
14 and Frequency Response Reserves to follow minute-to-minute changes in load, maintain
15 ACE and balance deviations from schedules, whereas Flex Reserves are for a
16 contingency-like event, i.e., the large, sustained loss of wind generation due to declining
17 wind speeds. As large wind ramp events occur, PSCo must continue to maintain
18 sufficient regulation reserve capacity to meet load following and regulation obligations.
19 Attempting to use Regulation and Frequency Response Reserves to resolve large wind
20 ramp events could quickly exhaust PSCo's supply of reserves and compromise PSCo's
21 ability to meet its Balancing Authority obligations.

22 **Q. COULD PSCO USE CONTINGENCY RESERVES TO ADDRESS THESE WIND**
23 **DOWN RAMPS?**

1 A. No. As we explained in our filing in Docket No. ER14-1969-000, PSCo cannot use
2 contingency reserves to address large downward wind ramps, and this remains true today.
3 Pursuant to NERC Reliability Standard BAL-002, contingency reserves are held to
4 respond to Reportable Disturbances, which may include the total loss of a generation
5 unit. In contrast, Flex Reserve Service is needed due to rapid declines in wind generation
6 output which are not due to the loss of a unit, but due to a loss of wind speed. Thus,
7 contingency reserves could not be used to address the wind ramp events. Further, even if
8 contingency reserves could be used to address such declines in wind generation output,
9 measurement of Disturbances occurs at 15 minutes while wind ramps typically occur
10 over much longer time periods.

11 The general requirement of BAL-002 is that all contingency reserves must be
12 restored within an additional 90 minutes. In WECC, however, this requirement is more
13 stringent and contingency reserves must be restored within 60 minutes. The reason
14 contingency reserves must be restored so quickly is to ensure they are in place in the
15 event of another disturbance. Because of this time limitation, contingency reserves would
16 not be available to manage large wind ramps events, which can continue in duration
17 beyond a Disturbance Recovery Period.

18 **Q. WHAT IS THE VOLUME OF FLEX RESERVE REQUIRED BY PSCO?**

19 A. We gathered the hourly averaged Flex Reserve Requirement data for the one-year study
20 period (calendar year 2019) and, as we did in our prior case in ER14-1969-000, used the
21 95th Percentile to determine an initial Flex Reserve Requirement of 1040.8 MW. We
22 then subtracted 64.02 MW, which represents the wind generation capacity contribution to
23 Regulation and Frequency Response Service (Wind Following component of 58.26 MW

1 + Wind Fast-moving component of 5.76 MW = 64.02 MW) to arrive at a final Flex
2 Reserve Requirement of 976.78 MW ($1040.8 - 64.02 = 976.78$).

3 **Q. IS SELF SUPPLY AN OPTION FOR BOTH FLEX RESERVE AND**
4 **REGULATION AND FREQUENCY RESPONSE SERVICE?**

5 A. Yes. The expectation is that a customer who opts to self-supply these services would do
6 so in a manner that would have comparable performance results to the services offered by
7 PSCo. PSCo is currently developing Business Rules to address customer self-supply of
8 Flex Reserve and Regulation and Frequency Response. Additionally, dynamically
9 scheduling VER generation into a different Balancing Authority Area would eliminate
10 the customer's Flex Reserve and Regulation and Frequency Response obligation inside
11 PSCo's BAA.

12 **Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?**

13 A. Yes.

**UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION**

Public Service Co. of Colorado

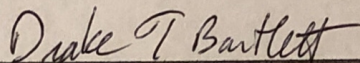
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Docket No. ER21-_____

DECLARATION OF DRAKE T. BARTLETT

I, Drake T. Bartlett, identified in the foregoing prepared direct testimony, do hereby declare under penalty of perjury, that I prepared or caused such testimony and the exhibits attached thereto to be prepared; that the answers appearing therein are true to the best of my knowledge and belief; and that if asked the questions appearing therein, my answers would, under oath, be the same.

Executed on October 30, 2020.



Drake T. Bartlett

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/1/19 0:15	(23.2)	66.5	(0.0)	44.3	1/1/19 13:15	(10.4)	10.5	(1.3)	(8.3)
1/1/19 0:30	4.4	62.2	(0.0)	64.2	1/1/19 13:30	25.6	28.8	(2.2)	50.3
1/1/19 0:45	(13.8)	14.2	0.0	2.4	1/1/19 13:45	3.9	24.8	(3.1)	23.7
1/1/19 1:00	(16.0)	17.5	0.0	6.8	1/1/19 14:00	(13.7)	(5.3)	(2.9)	(20.3)
1/1/19 1:15	(39.3)	36.3	0.0	(10.9)	1/1/19 14:15	(21.0)	(4.1)	(4.0)	(28.4)
1/1/19 1:30	(12.5)	55.6	(0.0)	43.2	1/1/19 14:30	16.9	21.2	(1.4)	35.3
1/1/19 1:45	(9.7)	23.4	(0.0)	13.8	1/1/19 14:45	3.3	13.4	1.1	14.4
1/1/19 2:00	(9.1)	(2.0)	0.0	(10.2)	1/1/19 15:00	(12.9)	16.8	1.4	10.5
1/1/19 2:15	(9.9)	3.4	0.0	(6.5)	1/1/19 15:15	27.3	14.2	5.1	46.4
1/1/19 2:30	(7.4)	17.5	(0.0)	10.7	1/1/19 15:30	18.7	(4.0)	7.1	22.7
1/1/19 2:45	(2.1)	36.8	(0.0)	35.4	1/1/19 15:45	12.4	(13.6)	4.5	(13.3)
1/1/19 3:00	3.5	26.3	0.0	29.7	1/1/19 16:00	41.9	(30.9)	3.3	21.0
1/1/19 3:15	(2.7)	12.2	0.0	10.9	1/1/19 16:15	22.8	(25.9)	2.4	(4.7)
1/1/19 3:30	(5.4)	15.3	(0.0)	9.9	1/1/19 16:30	35.6	(45.6)	2.1	(11.4)
1/1/19 3:45	(1.4)	26.8	0.0	26.4	1/1/19 16:45	91.3	(40.0)	0.5	51.8
1/1/19 4:00	7.6	20.4	(0.0)	27.9	1/1/19 17:00	79.7	(10.3)	0.2	69.6
1/1/19 4:15	14.2	32.8	0.0	47.0	1/1/19 17:15	31.4	(19.0)	0.0	12.4
1/1/19 4:30	5.7	25.0	0.0	30.7	1/1/19 17:30	53.9	(9.8)	(0.0)	44.1
1/1/19 4:45	5.2	4.9	(0.0)	10.1	1/1/19 17:45	15.9	(15.5)	0.0	7.0
1/1/19 5:00	9.1	14.2	0.0	22.6	1/1/19 18:00	(22.1)	(19.9)	0.0	(40.7)
1/1/19 5:15	(8.7)	(5.2)	0.0	(12.7)	1/1/19 18:15	6.1	(18.5)	0.0	(16.9)
1/1/19 5:30	19.8	(1.1)	0.0	19.0	1/1/19 18:30	(16.1)	(13.8)	0.0	(29.9)
1/1/19 5:45	19.9	2.0	0.0	21.6	1/1/19 18:45	(23.0)	(13.1)	(0.0)	(35.9)
1/1/19 6:00	17.6	8.8	(0.0)	26.3	1/1/19 19:00	7.5	4.5	(0.0)	9.8
1/1/19 6:15	11.1	15.0	0.0	25.2	1/1/19 19:15	5.6	2.1	(0.0)	5.7
1/1/19 6:30	(23.7)	7.6	(0.0)	(18.6)	1/1/19 19:30	(32.4)	6.2	(0.0)	(26.2)
1/1/19 6:45	38.6	15.7	(0.0)	54.3	1/1/19 19:45	(15.3)	(1.6)	(0.0)	(16.2)
1/1/19 7:00	32.9	5.6	(0.0)	38.4	1/1/19 20:00	48.2	(9.4)	0.0	38.7
1/1/19 7:15	(11.4)	8.2	0.0	6.7	1/1/19 20:15	(37.3)	(25.1)	0.0	(59.8)
1/1/19 7:30	(18.8)	7.7	0.2	(15.0)	1/1/19 20:30	(10.0)	(34.5)	(0.0)	(35.4)
1/1/19 7:45	18.4	1.2	(0.1)	19.5	1/1/19 20:45	(11.3)	(25.1)	0.0	(36.4)
1/1/19 8:00	(16.5)	(0.9)	(1.0)	(18.0)	1/1/19 21:00	(46.4)	(10.2)	0.0	(56.6)
1/1/19 8:15	18.6	2.1	(1.3)	19.4	1/1/19 21:15	(14.7)	14.8	(0.0)	10.4
1/1/19 8:30	18.5	0.2	(1.0)	17.6	1/1/19 21:30	(40.7)	28.8	(0.0)	(12.1)
1/1/19 8:45	30.6	(5.1)	(1.2)	24.4	1/1/19 21:45	(8.9)	(3.5)	0.0	(11.3)
1/1/19 9:00	(15.2)	(3.5)	(1.2)	(15.6)	1/1/19 22:00	(42.8)	13.7	(0.0)	(31.0)
1/1/19 9:15	26.5	3.7	(1.3)	28.9	1/1/19 22:15	(13.3)	23.2	0.0	15.0
1/1/19 9:30	5.2	(7.0)	(0.4)	(3.6)	1/1/19 22:30	(48.5)	33.5	0.0	(15.0)
1/1/19 9:45	(19.6)	(3.6)	(0.2)	(20.3)	1/1/19 22:45	(47.6)	13.2	(0.0)	(34.6)
1/1/19 10:00	(14.5)	(9.2)	(0.2)	(23.9)	1/1/19 23:00	(27.3)	(1.0)	0.0	(27.8)
1/1/19 10:15	5.1	(28.0)	(0.5)	(23.4)	1/1/19 23:15	(44.6)	1.0	0.0	(43.7)
1/1/19 10:30	(5.0)	(41.0)	(0.2)	(46.2)	1/1/19 23:30	(22.3)	(3.1)	(0.0)	(25.4)
1/1/19 10:45	(4.8)	(44.9)	(0.1)	(49.7)	1/1/19 23:45	(16.6)	1.2	(0.0)	(15.6)
1/1/19 11:00	5.3	(25.5)	0.4	(19.8)	1/2/19 0:00	(36.0)	5.7	0.0	(30.3)
1/1/19 11:15	8.1	(15.6)	0.2	(7.6)	1/2/19 0:15	16.5	6.5	0.0	21.1
1/1/19 11:30	4.7	(3.3)	(0.5)	3.2	1/2/19 0:30	(9.1)	5.3	0.0	(3.8)
1/1/19 11:45	(4.3)	1.8	(1.2)	(4.0)	1/2/19 0:45	(29.1)	(0.6)	0.0	(29.3)
1/1/19 12:00	(10.2)	(29.8)	0.4	(39.4)	1/2/19 1:00	7.8	1.5	0.0	8.7
1/1/19 12:15	27.8	(19.3)	0.8	22.4	1/2/19 1:15	3.9	1.6	(0.0)	4.5
1/1/19 12:30	10.1	18.8	(0.4)	22.0	1/2/19 1:30	(30.2)	1.1	(0.0)	(29.7)
1/1/19 12:45	(6.4)	(14.3)	(1.2)	(21.4)	1/2/19 1:45	15.7	(2.3)	(0.0)	15.4
1/1/19 13:00	(39.4)	(12.3)	(0.4)	(52.1)	1/2/19 2:00	(10.8)	(9.9)	0.0	(20.7)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/2/19 2:15	(24.4)	(16.8)	0.0	(37.3)	1/2/19 15:15	6.2	3.2	7.1	16.0
1/2/19 2:30	21.9	(15.2)	(0.0)	12.1	1/2/19 15:30	15.8	(0.9)	9.7	24.8
1/2/19 2:45	15.8	(10.5)	(0.0)	12.4	1/2/19 15:45	11.6	1.0	12.7	25.2
1/2/19 3:00	(14.7)	(7.0)	0.0	(20.6)	1/2/19 16:00	20.3	(1.8)	12.0	31.2
1/2/19 3:15	18.8	(11.4)	(0.0)	11.8	1/2/19 16:15	29.7	(3.7)	11.7	37.7
1/2/19 3:30	9.5	(9.5)	0.0	(3.0)	1/2/19 16:30	40.1	(1.7)	8.9	47.6
1/2/19 3:45	(21.0)	(2.8)	0.0	(23.8)	1/2/19 16:45	53.1	(3.5)	2.3	52.0
1/2/19 4:00	(13.1)	(8.5)	(0.0)	(18.9)	1/2/19 17:00	59.0	(9.8)	0.4	49.6
1/2/19 4:15	13.2	2.1	(0.0)	14.5	1/2/19 17:15	60.8	(8.3)	(0.0)	52.5
1/2/19 4:30	14.9	(5.0)	0.0	10.4	1/2/19 17:30	33.7	(13.3)	(0.0)	20.3
1/2/19 4:45	18.6	13.7	0.0	32.3	1/2/19 17:45	18.5	(33.3)	(0.0)	(14.8)
1/2/19 5:00	24.6	7.2	(0.0)	31.8	1/2/19 18:00	8.3	(22.0)	(0.0)	(20.7)
1/2/19 5:15	11.0	(5.2)	(0.0)	6.5	1/2/19 18:15	(18.1)	(2.7)	(0.0)	(20.3)
1/2/19 5:30	25.3	(6.1)	0.0	19.2	1/2/19 18:30	(4.9)	(24.5)	(0.0)	(26.3)
1/2/19 5:45	32.0	(9.8)	(0.0)	22.2	1/2/19 18:45	(11.1)	(21.3)	(0.0)	(32.4)
1/2/19 6:00	20.4	(6.4)	(0.0)	15.3	1/2/19 19:00	(12.4)	(26.3)	(0.0)	(38.7)
1/2/19 6:15	13.3	(3.3)	(0.0)	11.7	1/2/19 19:15	(4.0)	(7.5)	(0.0)	(11.4)
1/2/19 6:30	32.7	4.5	0.0	36.8	1/2/19 19:30	(15.9)	(2.4)	(0.0)	(17.9)
1/2/19 6:45	37.4	(10.9)	0.0	26.5	1/2/19 19:45	(5.6)	(2.2)	(0.0)	(7.6)
1/2/19 7:00	33.7	9.9	(0.0)	42.3	1/2/19 20:00	(9.5)	2.0	0.0	(7.6)
1/2/19 7:15	21.3	20.7	0.1	42.1	1/2/19 20:15	13.9	(5.3)	(0.0)	10.7
1/2/19 7:30	3.6	19.9	(0.2)	22.8	1/2/19 20:30	(19.3)	4.5	(0.0)	(18.1)
1/2/19 7:45	4.6	18.5	(1.7)	21.3	1/2/19 20:45	(12.5)	25.4	0.0	18.4
1/2/19 8:00	10.4	33.2	(3.2)	40.5	1/2/19 21:00	(51.6)	39.6	0.0	(15.5)
1/2/19 8:15	7.2	45.9	(4.4)	47.7	1/2/19 21:15	17.5	45.5	(0.0)	57.3
1/2/19 8:30	(8.0)	34.3	(4.6)	21.6	1/2/19 21:30	(55.8)	34.5	(0.0)	(21.3)
1/2/19 8:45	(11.1)	39.0	(4.3)	23.6	1/2/19 21:45	(10.8)	11.1	(0.0)	3.7
1/2/19 9:00	(6.0)	49.4	(5.8)	37.7	1/2/19 22:00	(34.8)	11.0	(0.0)	(24.2)
1/2/19 9:15	(0.9)	40.4	(5.6)	34.5	1/2/19 22:15	(56.4)	10.8	(0.0)	(46.0)
1/2/19 9:30	(2.6)	30.1	(4.2)	23.7	1/2/19 22:30	(51.3)	(19.2)	(0.0)	(70.5)
1/2/19 9:45	(1.7)	35.8	(3.9)	30.7	1/2/19 22:45	(15.6)	(7.5)	(0.0)	(19.3)
1/2/19 10:00	(3.1)	26.3	(1.4)	22.1	1/2/19 23:00	(46.4)	6.5	(0.0)	(39.9)
1/2/19 10:15	(3.4)	13.3	(3.7)	6.7	1/2/19 23:15	(67.3)	(10.4)	(0.0)	(77.3)
1/2/19 10:30	(10.1)	10.4	(5.4)	(5.2)	1/2/19 23:30	(22.8)	(21.6)	(0.0)	(43.5)
1/2/19 10:45	(6.7)	10.8	(2.1)	3.2	1/2/19 23:45	9.2	3.0	(0.0)	11.7
1/2/19 11:00	(12.7)	1.4	(2.2)	(13.8)	1/3/19 0:00	21.4	7.1	0.0	28.0
1/2/19 11:15	(8.8)	(4.8)	(1.6)	(15.3)	1/3/19 0:15	(28.8)	4.3	(0.0)	(28.6)
1/2/19 11:30	(13.5)	3.2	(1.6)	(11.9)	1/3/19 0:30	16.0	9.7	0.0	25.0
1/2/19 11:45	(13.1)	1.6	(1.6)	(13.2)	1/3/19 0:45	(17.1)	17.3	0.0	6.8
1/2/19 12:00	(11.5)	3.4	(1.7)	(9.7)	1/3/19 1:00	(9.1)	2.6	0.0	(8.9)
1/2/19 12:15	(23.6)	0.7	(1.7)	(24.7)	1/3/19 1:15	(21.7)	(18.1)	0.0	(36.4)
1/2/19 12:30	(15.2)	(6.0)	(1.1)	(22.4)	1/3/19 1:30	24.2	(26.2)	(0.0)	(9.5)
1/2/19 12:45	(8.3)	(12.3)	(0.3)	(20.9)	1/3/19 1:45	(5.6)	(3.6)	(0.0)	(7.9)
1/2/19 13:00	(7.8)	(13.9)	(0.7)	(22.4)	1/3/19 2:00	(20.1)	4.5	0.0	(17.9)
1/2/19 13:15	(4.4)	(17.1)	(1.1)	(22.5)	1/3/19 2:15	21.7	7.7	0.0	27.1
1/2/19 13:30	(4.1)	(7.4)	(0.8)	(11.8)	1/3/19 2:30	(6.3)	(2.4)	0.1	(8.3)
1/2/19 13:45	(13.6)	0.7	(0.4)	(13.8)	1/3/19 2:45	(24.4)	11.4	(0.0)	(13.8)
1/2/19 14:00	(9.5)	4.5	(1.6)	(6.8)	1/3/19 3:00	27.4	12.4	(0.0)	36.4
1/2/19 14:15	(8.1)	(1.3)	(0.8)	(9.1)	1/3/19 3:15	4.7	(11.2)	(0.0)	(9.8)
1/2/19 14:30	(6.4)	(3.3)	(0.1)	(9.7)	1/3/19 3:30	(10.5)	(3.0)	(0.0)	(11.3)
1/2/19 14:45	5.5	1.8	(0.3)	7.0	1/3/19 3:45	11.3	(19.2)	(0.0)	(13.7)
1/2/19 15:00	3.8	(1.8)	3.2	5.2	1/3/19 4:00	10.7	(23.1)	(0.0)	(13.2)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/3/19 4:15	(4.6)	(30.2)	(0.0)	(31.6)	1/3/19 17:15	83.6	(14.8)	0.0	69.1
1/3/19 4:30	(14.0)	(31.4)	0.0	(38.8)	1/3/19 17:30	16.6	8.4	0.0	25.0
1/3/19 4:45	32.9	(17.4)	0.0	17.4	1/3/19 17:45	32.2	(15.2)	(0.0)	20.5
1/3/19 5:00	29.8	(31.8)	0.0	(2.9)	1/3/19 18:00	(8.3)	(13.4)	0.0	(16.1)
1/3/19 5:15	8.8	(24.4)	0.0	(21.8)	1/3/19 18:15	(40.2)	(5.0)	(0.0)	(44.8)
1/3/19 5:30	50.3	(12.5)	0.0	37.8	1/3/19 18:30	13.3	(29.0)	(0.0)	(19.6)
1/3/19 5:45	37.3	(12.6)	0.0	24.7	1/3/19 18:45	(6.7)	(29.6)	(0.0)	(36.3)
1/3/19 6:00	15.6	5.6	0.0	18.3	1/3/19 19:00	(47.6)	(32.5)	0.0	(80.1)
1/3/19 6:15	58.5	17.2	(0.0)	75.6	1/3/19 19:15	(23.0)	13.1	0.0	(24.1)
1/3/19 6:30	(15.9)	(7.6)	(0.0)	(23.1)	1/3/19 19:30	(7.6)	24.5	(0.0)	23.6
1/3/19 6:45	27.1	32.2	(0.0)	57.6	1/3/19 19:45	8.1	25.1	(0.0)	32.8
1/3/19 7:00	3.0	25.9	(0.0)	26.8	1/3/19 20:00	(27.5)	18.3	(0.0)	(14.8)
1/3/19 7:15	30.8	2.8	(0.1)	31.9	1/3/19 20:15	10.0	7.5	(0.0)	15.1
1/3/19 7:30	10.1	7.9	(1.2)	16.7	1/3/19 20:30	(16.0)	6.7	0.0	(9.3)
1/3/19 7:45	(7.3)	(10.0)	(4.8)	(15.0)	1/3/19 20:45	(32.7)	6.5	(0.0)	(26.2)
1/3/19 8:00	(14.4)	2.5	(8.4)	(20.1)	1/3/19 21:00	(16.8)	10.5	(0.0)	(9.2)
1/3/19 8:15	10.9	24.1	(9.5)	21.3	1/3/19 21:15	(11.2)	(5.4)	(0.0)	(12.9)
1/3/19 8:30	(20.3)	31.9	(9.5)	8.2	1/3/19 21:30	(18.7)	(8.7)	0.0	(21.0)
1/3/19 8:45	(37.4)	7.5	(8.5)	(38.9)	1/3/19 21:45	(22.1)	4.1	0.0	(20.2)
1/3/19 9:00	4.8	(14.2)	(8.4)	(20.0)	1/3/19 22:00	(32.7)	2.2	(0.0)	(32.4)
1/3/19 9:15	13.7	9.6	(4.3)	18.4	1/3/19 22:15	(47.7)	(7.6)	0.0	(55.4)
1/3/19 9:30	(28.5)	(4.2)	(1.5)	(31.0)	1/3/19 22:30	(33.4)	(16.0)	(0.0)	(49.4)
1/3/19 9:45	(10.3)	(5.6)	(1.3)	(17.1)	1/3/19 22:45	(38.2)	(23.4)	(0.0)	(61.7)
1/3/19 10:00	5.6	(3.6)	(2.7)	(2.9)	1/3/19 23:00	(39.8)	(14.1)	(0.0)	(53.8)
1/3/19 10:15	(4.3)	1.8	(0.7)	(3.0)	1/3/19 23:15	(23.7)	(13.4)	(0.0)	(31.8)
1/3/19 10:30	(11.1)	3.7	(0.2)	(7.6)	1/3/19 23:30	(17.4)	(4.9)	0.0	(21.8)
1/3/19 10:45	(11.1)	3.7	(0.4)	(7.8)	1/3/19 23:45	(21.8)	(3.6)	(0.0)	(25.0)
1/3/19 11:00	(11.1)	3.7	(0.7)	(8.2)	1/4/19 0:00	(37.8)	(15.5)	(0.0)	(53.3)
1/3/19 11:15	(11.1)	3.7	(0.3)	(7.7)	1/4/19 0:15	16.6	(4.6)	0.0	14.1
1/3/19 11:30	(11.1)	3.7	0.1	(7.4)	1/4/19 0:30	(8.4)	(8.1)	0.0	(16.0)
1/3/19 11:45	(27.3)	2.3	(0.1)	(25.3)	1/4/19 0:45	(23.3)	(22.6)	0.0	(43.2)
1/3/19 12:00	(10.7)	(10.9)	0.2	(16.0)	1/4/19 1:00	6.1	(7.1)	(0.0)	(7.4)
1/3/19 12:15	(8.2)	(1.9)	0.1	(7.4)	1/4/19 1:15	(16.5)	(12.7)	(0.0)	(29.1)
1/3/19 12:30	(2.1)	(12.7)	0.1	(14.8)	1/4/19 1:30	(15.4)	(30.2)	(0.0)	(39.6)
1/3/19 12:45	(5.3)	(15.4)	(0.1)	(20.8)	1/4/19 1:45	(5.6)	10.6	(0.0)	8.5
1/3/19 13:00	(5.6)	(15.4)	(0.2)	(21.2)	1/4/19 2:00	(17.8)	(23.0)	(0.0)	(40.4)
1/3/19 13:15	(5.6)	(15.4)	(0.9)	(21.9)	1/4/19 2:15	10.4	(29.3)	(0.0)	(26.7)
1/3/19 13:30	(5.6)	(15.4)	(0.5)	(21.5)	1/4/19 2:30	20.5	(21.9)	(0.0)	(6.2)
1/3/19 13:45	(5.6)	(15.4)	(1.2)	(22.2)	1/4/19 2:45	(8.0)	6.7	0.0	3.8
1/3/19 14:00	(9.2)	(12.1)	(0.8)	(22.0)	1/4/19 3:00	(8.5)	33.5	0.0	33.9
1/3/19 14:15	18.0	9.1	(0.9)	25.7	1/4/19 3:15	10.2	(7.1)	0.0	8.3
1/3/19 14:30	(18.9)	24.6	(0.2)	14.0	1/4/19 3:30	(14.0)	(5.0)	0.0	(16.8)
1/3/19 14:45	(25.4)	25.6	(0.6)	12.8	1/4/19 3:45	19.8	(7.8)	0.0	14.7
1/3/19 15:00	18.0	15.1	2.3	35.4	1/4/19 4:00	17.4	7.8	0.0	25.2
1/3/19 15:15	(13.0)	17.2	6.6	16.0	1/4/19 4:15	(8.9)	6.9	(0.0)	7.1
1/3/19 15:30	21.4	10.6	9.4	40.0	1/4/19 4:30	22.7	7.0	0.0	29.8
1/3/19 15:45	18.4	(10.9)	12.9	20.5	1/4/19 4:45	24.4	(4.7)	0.0	20.5
1/3/19 16:00	(12.1)	(6.8)	12.1	9.1	1/4/19 5:00	15.7	(21.2)	0.0	(14.3)
1/3/19 16:15	31.6	4.8	11.9	47.9	1/4/19 5:15	44.6	4.1	(0.0)	47.1
1/3/19 16:30	44.2	(18.4)	9.6	35.4	1/4/19 5:30	37.5	2.3	(0.0)	39.5
1/3/19 16:45	35.0	(31.8)	2.5	16.1	1/4/19 5:45	24.6	(2.8)	(0.0)	21.9
1/3/19 17:00	78.5	(58.4)	0.4	23.7	1/4/19 6:00	25.3	(20.1)	(0.0)	18.0

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	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/4/19 6:15	(5.3)	(43.5)	0.0	(48.5)	1/4/19 19:15	12.9	(4.5)	(0.0)	11.7
1/4/19 6:30	42.5	(12.5)	0.0	30.6	1/4/19 19:30	(7.7)	(5.1)	(0.0)	(12.2)
1/4/19 6:45	40.9	34.4	(0.0)	75.3	1/4/19 19:45	(6.0)	(25.3)	0.0	(26.2)
1/4/19 7:00	8.8	26.5	(0.0)	33.5	1/4/19 20:00	(21.8)	(5.7)	0.0	(25.4)
1/4/19 7:15	16.9	35.8	(0.1)	51.8	1/4/19 20:15	(32.0)	30.3	(0.0)	(5.7)
1/4/19 7:30	(7.2)	10.7	(1.0)	16.9	1/4/19 20:30	(11.7)	(40.8)	0.0	(52.5)
1/4/19 7:45	(21.8)	(5.6)	(4.9)	(30.3)	1/4/19 20:45	(8.1)	(25.3)	(0.0)	(33.3)
1/4/19 8:00	24.8	21.7	(11.1)	34.9	1/4/19 21:00	(12.8)	(18.2)	(0.0)	(30.9)
1/4/19 8:15	(9.7)	19.1	(12.3)	(4.0)	1/4/19 21:15	(20.5)	(3.7)	0.0	(24.1)
1/4/19 8:30	(30.3)	26.4	(11.8)	(18.1)	1/4/19 21:30	(20.8)	(12.6)	(0.0)	(33.4)
1/4/19 8:45	9.4	31.6	(11.6)	26.6	1/4/19 21:45	(18.0)	(24.5)	0.0	(42.5)
1/4/19 9:00	(8.0)	37.4	(8.9)	20.5	1/4/19 22:00	(30.7)	(31.5)	(0.0)	(62.2)
1/4/19 9:15	(32.1)	34.6	(5.0)	(10.9)	1/4/19 22:15	(17.2)	(38.2)	(0.0)	(55.5)
1/4/19 9:30	15.7	29.3	(0.6)	38.7	1/4/19 22:30	(34.5)	(40.2)	0.0	(73.6)
1/4/19 9:45	(15.8)	26.2	0.5	11.2	1/4/19 22:45	28.1	(32.1)	0.0	(10.9)
1/4/19 10:00	(27.0)	11.0	0.9	(16.4)	1/4/19 23:00	(27.4)	(14.8)	(0.0)	(41.5)
1/4/19 10:15	(45.8)	29.5	1.5	(16.7)	1/4/19 23:15	(18.5)	(4.4)	(0.0)	(18.0)
1/4/19 10:30	23.5	18.5	(1.0)	41.1	1/4/19 23:30	(32.9)	22.3	(0.0)	(21.9)
1/4/19 10:45	(18.4)	(2.8)	0.8	(20.0)	1/4/19 23:45	(20.0)	39.5	(0.0)	21.9
1/4/19 11:00	(29.1)	(13.2)	0.4	(37.5)	1/5/19 0:00	(6.0)	37.1	0.0	31.2
1/4/19 11:15	(29.7)	3.8	0.7	(25.9)	1/5/19 0:15	(25.9)	39.8	(0.0)	14.0
1/4/19 11:30	(10.8)	11.9	0.3	3.9	1/5/19 0:30	(15.4)	38.3	0.0	22.9
1/4/19 11:45	(2.9)	7.1	0.2	5.0	1/5/19 0:45	(7.2)	61.1	0.0	54.4
1/4/19 12:00	8.0	21.6	1.0	28.4	1/5/19 1:00	(30.3)	59.4	(0.0)	29.1
1/4/19 12:15	(3.4)	31.6	0.7	31.6	1/5/19 1:15	(6.5)	52.1	(0.0)	47.9
1/4/19 12:30	6.8	9.4	(1.0)	14.5	1/5/19 1:30	(18.5)	44.7	(0.0)	37.3
1/4/19 12:45	(29.3)	2.7	(0.2)	(27.0)	1/5/19 1:45	17.3	33.5	0.0	50.4
1/4/19 13:00	(9.9)	10.0	0.3	6.1	1/5/19 2:00	(35.7)	34.7	0.0	(7.7)
1/4/19 13:15	(7.7)	13.3	(0.6)	6.8	1/5/19 2:15	25.4	19.1	(0.0)	42.4
1/4/19 13:30	(5.6)	10.6	(0.4)	5.8	1/5/19 2:30	(5.2)	2.5	0.0	(3.6)
1/4/19 13:45	5.1	13.5	(1.2)	17.3	1/5/19 2:45	(10.2)	6.1	(0.0)	(8.2)
1/4/19 14:00	3.9	12.5	(1.3)	15.2	1/5/19 3:00	(31.2)	(15.7)	(0.0)	(45.1)
1/4/19 14:15	(3.2)	6.1	(1.5)	2.5	1/5/19 3:15	16.3	19.3	0.0	34.9
1/4/19 14:30	27.4	11.0	(1.4)	37.0	1/5/19 3:30	3.6	19.8	0.0	22.3
1/4/19 14:45	8.8	10.0	(1.0)	17.8	1/5/19 3:45	(15.5)	13.6	0.0	(8.3)
1/4/19 15:00	(13.6)	13.1	2.0	8.9	1/5/19 4:00	20.9	(3.3)	0.0	17.8
1/4/19 15:15	23.6	9.6	6.0	38.6	1/5/19 4:15	(40.0)	17.4	(0.0)	(24.1)
1/4/19 15:30	21.3	(13.1)	8.9	17.1	1/5/19 4:30	(12.3)	23.1	0.0	14.5
1/4/19 15:45	(15.4)	(8.8)	13.9	(10.6)	1/5/19 4:45	29.1	10.7	0.0	39.8
1/4/19 16:00	13.1	(5.9)	12.8	19.1	1/5/19 5:00	15.3	(2.9)	(0.0)	14.1
1/4/19 16:15	14.2	(11.8)	12.5	14.8	1/5/19 5:15	9.8	(1.8)	0.0	(8.8)
1/4/19 16:30	25.6	(17.0)	10.4	19.0	1/5/19 5:30	27.2	(15.1)	(0.0)	15.1
1/4/19 16:45	32.2	(29.3)	3.1	5.9	1/5/19 5:45	16.2	7.2	(0.0)	23.1
1/4/19 17:00	86.0	(32.4)	0.6	54.2	1/5/19 6:00	10.0	2.0	(0.0)	11.8
1/4/19 17:15	51.5	(36.8)	0.0	19.9	1/5/19 6:15	11.6	10.5	0.0	20.3
1/4/19 17:30	25.4	(25.5)	(0.1)	(8.3)	1/5/19 6:30	48.9	22.5	0.0	71.4
1/4/19 17:45	(23.2)	(14.2)	(0.0)	(36.1)	1/5/19 6:45	28.1	8.5	(0.0)	36.3
1/4/19 18:00	(13.6)	(45.2)	0.0	(57.5)	1/5/19 7:00	16.2	(6.0)	(0.0)	11.3
1/4/19 18:15	(11.5)	(30.7)	(0.0)	(41.5)	1/5/19 7:15	6.2	(17.2)	(0.1)	(17.1)
1/4/19 18:30	(7.4)	(30.7)	0.0	(38.0)	1/5/19 7:30	11.3	(20.2)	(1.2)	(10.6)
1/4/19 18:45	(6.3)	(13.8)	(0.0)	(20.1)	1/5/19 7:45	7.5	(12.7)	(4.8)	(16.8)
1/4/19 19:00	(15.3)	(7.6)	0.0	(22.9)	1/5/19 8:00	(15.5)	6.7	(8.8)	(18.5)

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	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/5/19 8:15	40.2	6.6	(8.8)	36.4	1/5/19 21:15	(34.6)	33.6	(0.0)	(7.9)
1/5/19 8:30	(5.2)	(11.7)	(9.6)	(22.5)	1/5/19 21:30	(21.4)	35.0	0.0	19.6
1/5/19 8:45	(16.9)	10.8	(9.7)	(16.0)	1/5/19 21:45	(47.5)	24.2	0.0	(27.0)
1/5/19 9:00	(24.0)	0.7	(8.0)	(29.0)	1/5/19 22:00	10.5	15.1	(0.0)	25.1
1/5/19 9:15	21.2	12.3	(5.2)	27.0	1/5/19 22:15	(36.5)	12.0	(0.0)	(25.6)
1/5/19 9:30	(5.5)	17.2	(0.4)	12.4	1/5/19 22:30	(15.9)	10.9	(0.0)	(7.6)
1/5/19 9:45	(12.7)	17.5	(1.8)	6.6	1/5/19 22:45	(26.8)	3.4	0.0	(23.4)
1/5/19 10:00	10.7	13.4	(1.9)	20.2	1/5/19 23:00	(42.8)	(2.3)	(0.0)	(44.0)
1/5/19 10:15	(25.3)	2.2	(3.7)	(26.8)	1/5/19 23:15	12.6	9.1	0.0	17.6
1/5/19 10:30	(10.7)	6.5	(2.4)	(7.3)	1/5/19 23:30	(51.6)	8.6	(0.0)	(43.1)
1/5/19 10:45	(25.4)	1.0	1.9	(23.3)	1/5/19 23:45	(36.1)	(7.9)	(0.0)	(43.9)
1/5/19 11:00	(14.3)	(0.8)	2.6	(14.3)	1/6/19 0:00	(19.9)	(10.4)	0.0	(30.3)
1/5/19 11:15	(20.6)	(4.8)	(4.3)	(28.4)	1/6/19 0:15	(11.2)	(13.6)	(0.0)	(24.9)
1/5/19 11:30	(8.4)	3.2	1.2	(4.0)	1/6/19 0:30	(19.4)	(10.5)	0.0	(29.8)
1/5/19 11:45	(5.1)	4.5	3.5	3.2	1/6/19 0:45	(13.1)	(7.1)	0.0	(20.2)
1/5/19 12:00	(3.6)	(6.7)	(2.6)	(12.9)	1/6/19 1:00	15.4	9.0	0.0	23.2
1/5/19 12:15	23.2	4.2	1.0	28.2	1/6/19 1:15	(38.9)	(3.7)	0.0	(41.4)
1/5/19 12:30	5.2	8.4	2.5	11.2	1/6/19 1:30	20.8	(2.7)	(0.0)	18.8
1/5/19 12:45	(14.2)	10.2	(3.4)	(9.4)	1/6/19 1:45	21.6	(6.7)	(0.0)	18.8
1/5/19 13:00	8.4	9.9	8.0	21.9	1/6/19 2:00	(7.9)	(11.6)	(0.0)	(19.5)
1/5/19 13:15	(15.3)	8.3	5.5	7.7	1/6/19 2:15	11.1	(22.7)	0.0	(17.4)
1/5/19 13:30	11.3	6.0	9.6	21.8	1/6/19 2:30	5.6	(17.6)	0.0	(16.6)
1/5/19 13:45	12.6	5.9	4.3	17.5	1/6/19 2:45	(6.1)	(24.4)	0.0	(29.3)
1/5/19 14:00	9.6	1.6	2.0	11.5	1/6/19 3:00	(27.9)	(10.9)	0.0	(38.7)
1/5/19 14:15	(11.1)	(3.3)	2.0	(14.0)	1/6/19 3:15	(13.9)	(13.8)	(0.0)	(26.4)
1/5/19 14:30	16.8	(6.9)	9.4	21.1	1/6/19 3:30	3.0	(28.1)	(0.0)	(27.6)
1/5/19 14:45	12.5	(3.9)	(5.7)	6.1	1/6/19 3:45	3.6	(20.2)	0.0	(19.0)
1/5/19 15:00	(7.7)	1.8	11.4	13.0	1/6/19 4:00	2.9	(9.2)	0.0	(9.3)
1/5/19 15:15	23.6	(1.3)	7.0	30.1	1/6/19 4:15	7.0	32.7	0.0	39.7
1/5/19 15:30	(17.6)	(5.5)	(4.3)	(24.3)	1/6/19 4:30	3.8	(20.1)	(0.0)	(16.8)
1/5/19 15:45	17.6	(10.8)	2.6	8.3	1/6/19 4:45	12.2	(33.8)	(0.0)	(21.6)
1/5/19 16:00	34.1	(17.5)	3.2	20.7	1/6/19 5:00	21.5	(48.3)	0.0	(27.3)
1/5/19 16:15	45.3	(18.0)	3.4	30.6	1/6/19 5:15	27.2	(29.8)	(0.0)	(7.1)
1/5/19 16:30	23.7	(15.5)	8.5	19.7	1/6/19 5:30	14.2	(41.4)	0.0	(27.2)
1/5/19 16:45	49.7	(24.7)	2.0	27.0	1/6/19 5:45	12.8	39.3	(0.0)	52.1
1/5/19 17:00	26.3	(23.4)	0.2	(8.9)	1/6/19 6:00	16.5	41.8	(0.0)	58.2
1/5/19 17:15	(13.1)	(31.7)	(0.0)	(37.4)	1/6/19 6:15	9.9	62.8	0.0	72.7
1/5/19 17:30	55.2	(27.2)	(0.0)	29.2	1/6/19 6:30	20.8	18.5	0.0	36.3
1/5/19 17:45	33.5	(34.0)	(0.0)	(16.0)	1/6/19 6:45	21.2	(20.4)	(0.0)	1.9
1/5/19 18:00	(11.2)	(38.3)	0.0	(47.3)	1/6/19 7:00	25.3	(13.3)	0.0	12.0
1/5/19 18:15	(62.8)	(37.0)	(0.0)	(99.7)	1/6/19 7:15	9.7	(29.1)	(0.0)	(19.5)
1/5/19 18:30	17.2	(34.1)	0.0	(20.9)	1/6/19 7:30	4.1	(25.3)	(0.3)	(21.7)
1/5/19 18:45	(13.3)	(57.9)	(0.0)	(71.2)	1/6/19 7:45	8.0	(14.2)	(1.8)	(11.6)
1/5/19 19:00	(32.9)	(46.3)	0.0	(79.2)	1/6/19 8:00	10.9	(5.8)	(4.7)	7.0
1/5/19 19:15	25.2	15.1	0.0	40.1	1/6/19 8:15	22.9	4.3	(19.0)	8.1
1/5/19 19:30	(5.9)	44.5	(0.0)	42.4	1/6/19 8:30	38.2	(13.3)	(20.1)	9.2
1/5/19 19:45	(6.7)	23.6	(0.0)	16.9	1/6/19 8:45	(19.9)	(5.2)	(6.7)	(30.5)
1/5/19 20:00	(34.7)	(6.8)	0.0	(35.7)	1/6/19 9:00	(33.2)	9.2	18.2	(9.0)
1/5/19 20:15	(24.5)	9.8	(0.0)	(23.4)	1/6/19 9:15	31.6	7.3	(7.3)	32.2
1/5/19 20:30	(15.9)	51.4	0.0	35.5	1/6/19 9:30	24.7	23.4	6.7	46.1
1/5/19 20:45	(31.4)	77.5	0.0	46.0	1/6/19 9:45	15.0	25.4	6.6	36.6
1/5/19 21:00	(14.9)	73.3	0.0	67.2	1/6/19 10:00	8.2	(10.3)	(19.2)	(29.1)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/6/19 10:15	22.1	4.6	(18.8)	12.7	1/6/19 23:15	(22.0)	10.6	(0.0)	(13.5)
1/6/19 10:30	(39.8)	16.8	(9.3)	(29.3)	1/6/19 23:30	(32.0)	41.6	(0.0)	15.7
1/6/19 10:45	7.9	32.3	13.3	48.1	1/6/19 23:45	(12.7)	16.7	(0.0)	8.3
1/6/19 11:00	30.0	9.5	12.0	48.5	1/7/19 0:00	(23.2)	1.8	0.0	(22.2)
1/6/19 11:15	(16.1)	(4.3)	8.1	(19.1)	1/7/19 0:15	(34.3)	8.0	(0.0)	(26.2)
1/6/19 11:30	(7.6)	2.2	(11.0)	(16.3)	1/7/19 0:30	17.5	11.9	0.0	27.7
1/6/19 11:45	20.8	9.5	1.6	29.7	1/7/19 0:45	(6.7)	27.6	0.0	24.4
1/6/19 12:00	6.2	(7.1)	8.6	11.4	1/7/19 1:00	(26.6)	15.1	0.0	(17.7)
1/6/19 12:15	(28.1)	(33.1)	(4.9)	(65.6)	1/7/19 1:15	8.6	(22.8)	0.0	(22.4)
1/6/19 12:30	(19.6)	(14.0)	13.4	(24.1)	1/7/19 1:30	3.9	(19.9)	0.0	(17.4)
1/6/19 12:45	19.1	(13.2)	12.8	19.9	1/7/19 1:45	(41.2)	(5.4)	0.0	(46.7)
1/6/19 13:00	(4.9)	5.1	(2.4)	(2.4)	1/7/19 2:00	35.2	(54.9)	(0.0)	(19.8)
1/6/19 13:15	(40.3)	(8.2)	(7.2)	(55.6)	1/7/19 2:15	3.6	4.2	(0.0)	5.8
1/6/19 13:30	22.6	(36.3)	(5.9)	(21.5)	1/7/19 2:30	(18.7)	12.9	(0.0)	(13.8)
1/6/19 13:45	23.4	(16.4)	(6.2)	(8.5)	1/7/19 2:45	14.2	28.4	0.0	40.9
1/6/19 14:00	5.5	23.0	11.3	37.5	1/7/19 3:00	13.1	3.8	0.0	15.8
1/6/19 14:15	(38.1)	53.1	5.7	19.3	1/7/19 3:15	(8.5)	23.1	0.0	20.1
1/6/19 14:30	25.7	70.6	(8.8)	86.3	1/7/19 3:30	20.9	29.2	0.0	39.8
1/6/19 14:45	14.1	21.3	5.6	39.5	1/7/19 3:45	9.7	67.6	0.0	69.3
1/6/19 15:00	(21.9)	5.7	(4.1)	(24.2)	1/7/19 4:00	(28.0)	41.0	(0.0)	15.1
1/6/19 15:15	20.2	(7.7)	(4.3)	12.2	1/7/19 4:15	8.1	20.1	(0.0)	27.8
1/6/19 15:30	16.0	(24.3)	7.9	(11.5)	1/7/19 4:30	14.3	(23.0)	0.0	(8.7)
1/6/19 15:45	13.2	(32.3)	(1.8)	(28.3)	1/7/19 4:45	24.6	8.5	(0.0)	28.8
1/6/19 16:00	16.0	(50.8)	10.4	(35.0)	1/7/19 5:00	29.7	32.8	0.0	62.6
1/6/19 16:15	75.8	(70.3)	11.4	19.4	1/7/19 5:15	43.4	44.8	(0.0)	88.3
1/6/19 16:30	46.3	(39.7)	9.7	18.2	1/7/19 5:30	35.6	14.6	(0.0)	50.2
1/6/19 16:45	48.2	(32.6)	5.4	21.0	1/7/19 5:45	51.5	29.0	(0.0)	80.5
1/6/19 17:00	61.0	(14.3)	0.5	47.3	1/7/19 6:00	49.0	17.3	(0.0)	66.3
1/6/19 17:15	60.6	(5.3)	0.2	55.6	1/7/19 6:15	36.6	28.8	0.1	62.3
1/6/19 17:30	28.9	(3.3)	(0.0)	25.6	1/7/19 6:30	11.6	47.0	0.0	51.1
1/6/19 17:45	5.8	(18.0)	(0.0)	(15.1)	1/7/19 6:45	15.2	(18.2)	(0.0)	(8.2)
1/6/19 18:00	6.2	(50.0)	0.0	(44.0)	1/7/19 7:00	32.4	(10.5)	(0.0)	22.3
1/6/19 18:15	(7.6)	(63.3)	(0.0)	(70.7)	1/7/19 7:15	11.8	17.5	0.0	28.8
1/6/19 18:30	(11.2)	(56.0)	(0.0)	(67.2)	1/7/19 7:30	(7.5)	48.5	(0.7)	41.2
1/6/19 18:45	(27.0)	(65.7)	0.0	(92.7)	1/7/19 7:45	(5.7)	41.0	(4.4)	31.1
1/6/19 19:00	(26.3)	(85.6)	(0.0)	(111.9)	1/7/19 8:00	15.6	6.4	(14.6)	10.0
1/6/19 19:15	(7.2)	(70.6)	(0.0)	(77.8)	1/7/19 8:15	9.5	41.0	(13.7)	35.8
1/6/19 19:30	(10.3)	(9.3)	(0.0)	(18.8)	1/7/19 8:30	(13.9)	28.3	(14.1)	2.3
1/6/19 19:45	(14.1)	(85.1)	(0.0)	(99.2)	1/7/19 8:45	(8.1)	5.7	(17.7)	(19.2)
1/6/19 20:00	(9.0)	(58.8)	0.0	(67.8)	1/7/19 9:00	(17.1)	(8.6)	(14.7)	(36.6)
1/6/19 20:15	16.5	24.6	(0.0)	39.8	1/7/19 9:15	(35.3)	51.4	(8.5)	15.2
1/6/19 20:30	16.5	50.1	(0.0)	59.6	1/7/19 9:30	(17.6)	22.1	(1.7)	21.5
1/6/19 20:45	(24.3)	(105.2)	(0.0)	(129.5)	1/7/19 9:45	5.1	17.7	0.6	21.3
1/6/19 21:00	(24.1)	(46.9)	0.0	(71.0)	1/7/19 10:00	4.2	(61.3)	0.6	(57.1)
1/6/19 21:15	(12.9)	7.7	0.0	(12.7)	1/7/19 10:15	7.4	(54.4)	1.3	(52.3)
1/6/19 21:30	(35.6)	37.6	0.0	7.6	1/7/19 10:30	37.5	(26.9)	1.3	12.4
1/6/19 21:45	(46.7)	19.4	(0.0)	(28.8)	1/7/19 10:45	(11.1)	(19.9)	1.3	(28.0)
1/6/19 22:00	(14.3)	(8.5)	(0.0)	(15.0)	1/7/19 11:00	11.3	(63.7)	1.0	(60.0)
1/6/19 22:15	11.0	19.9	(0.0)	17.2	1/7/19 11:15	7.8	(54.0)	(0.9)	(48.4)
1/6/19 22:30	(57.8)	55.6	(0.0)	(5.1)	1/7/19 11:30	(9.5)	(63.0)	0.6	(70.0)
1/6/19 22:45	(31.7)	66.4	0.0	37.1	1/7/19 11:45	(41.0)	(57.2)	2.7	(94.2)
1/6/19 23:00	(13.4)	(33.0)	(0.0)	(46.3)	1/7/19 12:00	(4.2)	(102.3)	1.1	(103.5)

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	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/7/19 12:15	(20.5)	(78.8)	11.0	(88.3)	1/8/19 1:15	18.5	7.9	0.0	24.2
1/7/19 12:30	5.0	(60.4)	3.2	(55.2)	1/8/19 1:30	1.9	8.5	0.0	9.5
1/7/19 12:45	(2.2)	(54.9)	(3.3)	(59.0)	1/8/19 1:45	(33.4)	13.3	(0.0)	(21.7)
1/7/19 13:00	(4.6)	(39.3)	23.0	(29.1)	1/8/19 2:00	17.2	12.5	0.0	17.7
1/7/19 13:15	6.2	(9.1)	3.9	8.4	1/8/19 2:15	25.2	(17.6)	(0.0)	9.5
1/7/19 13:30	2.9	(21.0)	(0.8)	(19.4)	1/8/19 2:30	7.6	(14.3)	0.0	(7.2)
1/7/19 13:45	4.6	19.6	(0.5)	23.6	1/8/19 2:45	(32.4)	(5.5)	(0.0)	(33.0)
1/7/19 14:00	(10.5)	77.8	(0.3)	67.1	1/8/19 3:00	28.5	6.6	0.0	35.1
1/7/19 14:15	(17.9)	46.1	(0.1)	28.2	1/8/19 3:15	7.6	12.0	(0.0)	19.0
1/7/19 14:30	1.5	(26.2)	0.2	(25.4)	1/8/19 3:30	(7.8)	(12.9)	0.0	(16.3)
1/7/19 14:45	7.8	(11.1)	0.2	9.8	1/8/19 3:45	(25.6)	29.3	(0.0)	(12.7)
1/7/19 15:00	22.3	(32.3)	0.9	(10.3)	1/8/19 4:00	41.1	(17.1)	(0.0)	33.0
1/7/19 15:15	11.4	4.6	1.6	10.9	1/8/19 4:15	17.0	(12.0)	0.0	13.4
1/7/19 15:30	(4.8)	(41.1)	4.4	(39.5)	1/8/19 4:30	19.8	28.3	(0.0)	44.4
1/7/19 15:45	28.5	(34.8)	9.3	10.7	1/8/19 4:45	13.9	24.0	(0.0)	33.0
1/7/19 16:00	34.1	(14.6)	4.8	23.1	1/8/19 5:00	53.6	47.7	(0.0)	101.3
1/7/19 16:15	8.6	28.2	7.0	41.6	1/8/19 5:15	36.7	33.6	0.0	70.3
1/7/19 16:30	19.5	(22.2)	14.3	47.1	1/8/19 5:30	3.2	26.8	(0.0)	26.8
1/7/19 16:45	42.3	(32.8)	5.9	42.9	1/8/19 5:45	80.3	26.5	(0.0)	106.7
1/7/19 17:00	87.7	(4.2)	1.1	86.6	1/8/19 6:00	51.0	34.2	0.0	85.2
1/7/19 17:15	116.9	(24.4)	0.0	92.5	1/8/19 6:15	25.5	22.2	0.0	47.7
1/7/19 17:30	36.0	(13.8)	(0.0)	25.5	1/8/19 6:30	55.1	12.8	0.0	67.9
1/7/19 17:45	16.4	61.4	(0.0)	72.0	1/8/19 6:45	(4.9)	8.7	0.0	8.7
1/7/19 18:00	11.1	89.5	0.0	100.3	1/8/19 7:00	13.7	13.3	(0.0)	18.1
1/7/19 18:15	(28.6)	(42.9)	(0.0)	(71.5)	1/8/19 7:15	(14.1)	27.5	(0.1)	20.9
1/7/19 18:30	(24.3)	(36.4)	(0.0)	(60.7)	1/8/19 7:30	(13.2)	5.4	(1.3)	(11.2)
1/7/19 18:45	(13.5)	14.2	(0.0)	14.1	1/8/19 7:45	(18.8)	17.3	(6.7)	(8.2)
1/7/19 19:00	(15.6)	45.4	(0.0)	29.8	1/8/19 8:00	(23.6)	22.3	(13.7)	(17.7)
1/7/19 19:15	(41.4)	66.1	(0.0)	25.3	1/8/19 8:15	35.1	24.7	(14.9)	44.5
1/7/19 19:30	(20.9)	13.5	(0.0)	(15.4)	1/8/19 8:30	8.3	34.4	(14.4)	25.1
1/7/19 19:45	(29.4)	(49.9)	0.0	(78.3)	1/8/19 8:45	(39.1)	43.8	(16.9)	(22.1)
1/7/19 20:00	(12.6)	(24.7)	(0.0)	(31.2)	1/8/19 9:00	(16.5)	(4.5)	(12.6)	(22.7)
1/7/19 20:15	(29.9)	(62.0)	0.0	(92.0)	1/8/19 9:15	17.7	(14.6)	(7.7)	(5.7)
1/7/19 20:30	(6.9)	(33.9)	0.0	(35.7)	1/8/19 9:30	12.4	(12.7)	(1.8)	(4.2)
1/7/19 20:45	(23.3)	(24.5)	(0.0)	(47.8)	1/8/19 9:45	(30.4)	(23.3)	(0.1)	(53.1)
1/7/19 21:00	(50.2)	12.8	(0.0)	(37.4)	1/8/19 10:00	11.9	(17.6)	0.1	(14.3)
1/7/19 21:15	(20.3)	12.6	0.0	(11.4)	1/8/19 10:15	(4.1)	(22.6)	1.0	(25.3)
1/7/19 21:30	(37.8)	60.6	(0.0)	26.3	1/8/19 10:30	(25.8)	(6.7)	1.4	(30.7)
1/7/19 21:45	(53.3)	57.3	(0.0)	12.3	1/8/19 10:45	15.0	(10.1)	1.9	10.7
1/7/19 22:00	20.9	(67.2)	(0.0)	(56.9)	1/8/19 11:00	(7.9)	(39.2)	1.2	(45.9)
1/7/19 22:15	(60.3)	32.2	(0.0)	(58.1)	1/8/19 11:15	(23.6)	(36.9)	1.4	(58.9)
1/7/19 22:30	(52.5)	51.5	0.0	(25.8)	1/8/19 11:30	(9.3)	(17.6)	0.9	(22.5)
1/7/19 22:45	(35.4)	15.2	(0.0)	(28.1)	1/8/19 11:45	6.0	(12.9)	0.7	(11.7)
1/7/19 23:00	(20.0)	25.2	0.0	6.2	1/8/19 12:00	(29.5)	(2.1)	0.7	(29.7)
1/7/19 23:15	(15.2)	29.2	0.0	20.2	1/8/19 12:15	16.0	(6.0)	(0.2)	11.7
1/7/19 23:30	(33.1)	48.1	(0.0)	20.9	1/8/19 12:30	(5.6)	(8.9)	(0.6)	(15.0)
1/7/19 23:45	(11.8)	(11.1)	(0.0)	(22.8)	1/8/19 12:45	(21.5)	(20.3)	(0.5)	(42.1)
1/8/19 0:00	(19.7)	(42.2)	0.0	(61.9)	1/8/19 13:00	(21.4)	(17.9)	(0.5)	(38.5)
1/8/19 0:15	13.8	45.5	0.0	58.9	1/8/19 13:15	29.1	(9.8)	(1.3)	20.1
1/8/19 0:30	(12.4)	30.1	0.0	35.1	1/8/19 13:30	7.8	6.4	(1.2)	12.4
1/8/19 0:45	6.2	(4.8)	0.0	2.8	1/8/19 13:45	(8.4)	(6.9)	(1.5)	(15.1)
1/8/19 1:00	(31.3)	11.6	0.0	(24.0)	1/8/19 14:00	(17.1)	5.4	(1.4)	(13.6)

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	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/8/19 14:15	14.0	9.2	(1.1)	20.3	1/9/19 3:15	26.2	(3.7)	(0.0)	26.1
1/8/19 14:30	6.5	40.0	(1.0)	40.0	1/9/19 3:30	5.6	16.9	0.0	21.9
1/8/19 14:45	(17.8)	41.0	1.0	29.2	1/9/19 3:45	(10.1)	4.1	(0.0)	(10.8)
1/8/19 15:00	15.8	28.9	2.7	46.9	1/9/19 4:00	(17.0)	3.3	0.0	(17.3)
1/8/19 15:15	14.6	27.1	7.8	49.5	1/9/19 4:15	18.5	14.4	0.0	32.9
1/8/19 15:30	(13.5)	(4.8)	9.8	(7.7)	1/9/19 4:30	22.2	4.1	0.0	25.6
1/8/19 15:45	44.4	(9.0)	22.2	57.6	1/9/19 4:45	13.4	(15.6)	(0.0)	(5.8)
1/8/19 16:00	25.8	10.2	15.9	51.7	1/9/19 5:00	28.5	(21.5)	(0.0)	8.1
1/8/19 16:15	(10.3)	7.5	16.5	21.0	1/9/19 5:15	27.7	(19.9)	(0.0)	8.6
1/8/19 16:30	55.6	(16.4)	9.8	49.1	1/9/19 5:30	31.1	14.7	(0.0)	45.8
1/8/19 16:45	60.1	(31.1)	3.7	32.7	1/9/19 5:45	45.5	7.5	(0.0)	51.7
1/8/19 17:00	35.3	(29.3)	1.2	8.6	1/9/19 6:00	7.8	1.9	0.1	7.7
1/8/19 17:15	50.6	(17.7)	(0.0)	32.9	1/9/19 6:15	26.2	(8.4)	0.0	19.3
1/8/19 17:30	26.5	(4.1)	(0.0)	22.6	1/9/19 6:30	35.2	(7.2)	0.0	28.1
1/8/19 17:45	15.1	(11.5)	0.0	(10.8)	1/9/19 6:45	47.9	(6.8)	0.0	41.1
1/8/19 18:00	13.4	(24.4)	0.0	(11.1)	1/9/19 7:00	29.9	(29.8)	(0.0)	(9.8)
1/8/19 18:15	(12.3)	(27.4)	(0.0)	(38.8)	1/9/19 7:15	6.9	(40.9)	(0.1)	(34.2)
1/8/19 18:30	(26.7)	4.8	0.0	(22.8)	1/9/19 7:30	9.7	(33.2)	(1.7)	(26.4)
1/8/19 18:45	14.2	(2.5)	0.0	11.7	1/9/19 7:45	(16.7)	(37.9)	(3.2)	(57.8)
1/8/19 19:00	(12.6)	(3.0)	(0.0)	(12.9)	1/9/19 8:00	(6.9)	(29.8)	(3.4)	(37.5)
1/8/19 19:15	(40.4)	(2.9)	0.0	(40.6)	1/9/19 8:15	23.7	(12.6)	(5.7)	7.8
1/8/19 19:30	(4.9)	10.1	(0.0)	12.2	1/9/19 8:30	4.6	6.6	(7.9)	(2.7)
1/8/19 19:45	(10.3)	4.2	(0.0)	(6.5)	1/9/19 8:45	(11.5)	52.3	(5.1)	35.7
1/8/19 20:00	(25.5)	(22.8)	0.0	(46.6)	1/9/19 9:00	(7.6)	22.9	(3.8)	12.7
1/8/19 20:15	(40.4)	(27.2)	0.0	(67.6)	1/9/19 9:15	(22.2)	(4.1)	(4.6)	(29.2)
1/8/19 20:30	10.9	(21.3)	(0.0)	(16.4)	1/9/19 9:30	(17.1)	(21.2)	(5.3)	(43.6)
1/8/19 20:45	24.8	(11.3)	0.0	16.6	1/9/19 9:45	(10.1)	(9.1)	3.8	(15.1)
1/8/19 21:00	(21.0)	(20.4)	0.0	(41.4)	1/9/19 10:00	(5.4)	30.0	(13.9)	11.2
1/8/19 21:15	(51.3)	(25.0)	(0.0)	(76.3)	1/9/19 10:15	(7.5)	(7.2)	(6.7)	(17.6)
1/8/19 21:30	(23.4)	(12.0)	(0.0)	(35.4)	1/9/19 10:30	(4.4)	(23.1)	3.7	(23.4)
1/8/19 21:45	25.2	2.4	0.0	27.0	1/9/19 10:45	(5.9)	(7.9)	0.9	(12.9)
1/8/19 22:00	(27.2)	6.5	(0.0)	(22.4)	1/9/19 11:00	(13.8)	(30.1)	(3.1)	(46.9)
1/8/19 22:15	(67.4)	4.4	(0.0)	(64.5)	1/9/19 11:15	(27.8)	(40.8)	4.3	(64.3)
1/8/19 22:30	(38.7)	15.7	0.0	(25.8)	1/9/19 11:30	(9.8)	(17.4)	(2.1)	(28.9)
1/8/19 22:45	(33.8)	13.0	0.0	(20.8)	1/9/19 11:45	(13.6)	(7.5)	(1.7)	(22.8)
1/8/19 23:00	(20.8)	6.9	(0.0)	(15.9)	1/9/19 12:00	(13.0)	(34.2)	(4.0)	(51.2)
1/8/19 23:15	(15.5)	8.5	(0.0)	(8.5)	1/9/19 12:15	(12.0)	(8.0)	0.6	(14.7)
1/8/19 23:30	(11.1)	21.4	0.0	12.9	1/9/19 12:30	(9.8)	28.3	4.8	23.5
1/8/19 23:45	(15.2)	23.0	(0.0)	8.1	1/9/19 12:45	(2.3)	49.1	5.3	53.4
1/9/19 0:00	(41.6)	25.8	0.0	(21.2)	1/9/19 13:00	3.2	46.1	5.5	54.5
1/9/19 0:15	(53.6)	20.6	(0.0)	(34.5)	1/9/19 13:15	(2.3)	59.9	1.3	59.2
1/9/19 0:30	21.4	24.1	0.0	44.7	1/9/19 13:30	(10.4)	13.9	(1.2)	6.3
1/9/19 0:45	(6.0)	28.6	0.0	24.7	1/9/19 13:45	(5.4)	26.1	(4.0)	16.7
1/9/19 1:00	5.8	21.5	(0.0)	23.4	1/9/19 14:00	(8.5)	27.0	6.3	24.4
1/9/19 1:15	(7.0)	22.2	0.0	18.5	1/9/19 14:15	13.6	(4.5)	7.1	16.9
1/9/19 1:30	14.2	40.5	0.0	50.9	1/9/19 14:30	4.6	4.4	9.1	17.8
1/9/19 1:45	(3.8)	51.3	(0.0)	51.2	1/9/19 14:45	3.0	5.8	7.2	15.4
1/9/19 2:00	(27.8)	25.1	(0.0)	(12.6)	1/9/19 15:00	7.0	5.1	1.5	11.7
1/9/19 2:15	20.0	(4.5)	0.0	15.5	1/9/19 15:15	52.5	(10.1)	2.0	52.0
1/9/19 2:30	16.4	(4.0)	(0.0)	13.8	1/9/19 15:30	(34.5)	(50.4)	1.1	(82.4)
1/9/19 2:45	4.7	(9.4)	(0.0)	(6.6)	1/9/19 15:45	45.5	(15.1)	2.7	33.6
1/9/19 3:00	(20.3)	(14.0)	0.0	(33.4)	1/9/19 16:00	25.0	6.9	2.3	33.2

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/9/19 16:15	16.6	(8.7)	2.1	10.0	1/10/19 5:15	54.8	(19.2)	0.0	35.7
1/9/19 16:30	49.1	(21.1)	3.8	31.8	1/10/19 5:30	37.7	(6.3)	0.0	31.5
1/9/19 16:45	52.5	(25.2)	2.1	29.4	1/10/19 5:45	23.0	(3.1)	0.0	20.2
1/9/19 17:00	42.5	(29.7)	0.9	16.9	1/10/19 6:00	52.0	(7.6)	(0.0)	44.4
1/9/19 17:15	22.0	(31.4)	0.0	(15.3)	1/10/19 6:15	56.3	(6.7)	(0.0)	49.7
1/9/19 17:30	45.7	(25.5)	(0.0)	20.1	1/10/19 6:30	37.1	10.3	0.0	47.4
1/9/19 17:45	34.9	11.8	(0.0)	46.7	1/10/19 6:45	56.7	13.6	(0.0)	69.7
1/9/19 18:00	(19.2)	9.1	0.0	(13.1)	1/10/19 7:00	44.7	(11.1)	(0.0)	33.6
1/9/19 18:15	(40.3)	46.3	0.0	17.4	1/10/19 7:15	(42.6)	10.8	(0.2)	(32.4)
1/9/19 18:30	20.9	73.6	(0.0)	94.5	1/10/19 7:30	(29.3)	(4.4)	(1.9)	(34.3)
1/9/19 18:45	(16.4)	73.7	0.0	57.3	1/10/19 7:45	(17.1)	(1.7)	(5.5)	(21.6)
1/9/19 19:00	(46.3)	60.6	0.0	25.5	1/10/19 8:00	(14.4)	(1.0)	(10.2)	(22.1)
1/9/19 19:15	(21.4)	42.8	(0.0)	27.4	1/10/19 8:15	25.1	3.7	(7.2)	20.5
1/9/19 19:30	(5.0)	45.1	0.0	40.0	1/10/19 8:30	(31.4)	21.0	(6.3)	(17.8)
1/9/19 19:45	(21.6)	39.8	0.0	20.6	1/10/19 8:45	(14.8)	4.5	2.3	(9.6)
1/9/19 20:00	(19.1)	19.0	(0.0)	2.6	1/10/19 9:00	3.2	9.6	(13.0)	(3.8)
1/9/19 20:15	(29.2)	6.9	0.0	(22.4)	1/10/19 9:15	(7.1)	14.8	(15.8)	(6.7)
1/9/19 20:30	(20.1)	7.1	(0.0)	(14.3)	1/10/19 9:30	(34.5)	26.8	(11.0)	(18.7)
1/9/19 20:45	(20.3)	6.8	(0.0)	(13.7)	1/10/19 9:45	(5.1)	30.0	(5.9)	22.7
1/9/19 21:00	(27.2)	(22.7)	0.0	(49.3)	1/10/19 10:00	(8.8)	13.5	(2.1)	4.8
1/9/19 21:15	(27.2)	(15.3)	0.0	(34.5)	1/10/19 10:15	(16.3)	1.5	(5.0)	(20.1)
1/9/19 21:30	(52.1)	31.2	0.0	(23.0)	1/10/19 10:30	10.9	(8.9)	(2.9)	(7.6)
1/9/19 21:45	(22.7)	17.2	(0.0)	(6.4)	1/10/19 10:45	3.1	(9.7)	3.6	(4.3)
1/9/19 22:00	(37.3)	(8.1)	(0.0)	(45.1)	1/10/19 11:00	(16.1)	(14.1)	1.3	(29.9)
1/9/19 22:15	(54.4)	8.2	(0.0)	(46.6)	1/10/19 11:15	(10.4)	(8.3)	0.7	(16.0)
1/9/19 22:30	(74.5)	3.3	(0.0)	(72.9)	1/10/19 11:30	10.5	(4.3)	2.0	9.0
1/9/19 22:45	15.1	(8.9)	0.0	8.4	1/10/19 11:45	(9.3)	11.2	3.1	6.2
1/9/19 23:00	(14.9)	2.1	(0.0)	(15.0)	1/10/19 12:00	(37.6)	3.2	(2.7)	(37.1)
1/9/19 23:15	22.6	(3.2)	(0.0)	22.3	1/10/19 12:15	(4.8)	(1.7)	0.2	(3.6)
1/9/19 23:30	(22.0)	(17.5)	0.0	(39.5)	1/10/19 12:30	(5.6)	4.3	2.5	2.8
1/9/19 23:45	(16.1)	(31.7)	(0.0)	(47.6)	1/10/19 12:45	(20.7)	3.0	6.4	(14.0)
1/10/19 0:00	(12.9)	(2.7)	0.0	(13.6)	1/10/19 13:00	(18.6)	(5.4)	12.9	(12.1)
1/10/19 0:15	(26.9)	(2.1)	(0.0)	(28.9)	1/10/19 13:15	26.2	(10.3)	1.7	17.7
1/10/19 0:30	9.2	(1.6)	0.0	7.7	1/10/19 13:30	14.1	(5.5)	0.8	9.2
1/10/19 0:45	(13.6)	1.1	0.0	(12.9)	1/10/19 13:45	10.2	(4.0)	7.1	11.6
1/10/19 1:00	(20.9)	(13.8)	0.0	(34.3)	1/10/19 14:00	7.7	6.8	14.9	27.6
1/10/19 1:15	(13.6)	(21.6)	(0.0)	(32.7)	1/10/19 14:15	8.0	(5.7)	4.9	9.7
1/10/19 1:30	12.1	(17.8)	0.0	(10.8)	1/10/19 14:30	(2.0)	(17.5)	2.1	(16.3)
1/10/19 1:45	(2.9)	20.3	(0.0)	18.2	1/10/19 14:45	(19.1)	(20.0)	(2.4)	(40.0)
1/10/19 2:00	(20.4)	23.1	0.0	5.2	1/10/19 15:00	18.3	(20.6)	2.3	5.6
1/10/19 2:15	8.4	16.3	(0.0)	21.5	1/10/19 15:15	11.9	(19.3)	3.7	(6.4)
1/10/19 2:30	(1.0)	19.6	0.0	18.9	1/10/19 15:30	7.8	5.9	5.2	11.5
1/10/19 2:45	(20.4)	25.1	0.0	5.8	1/10/19 15:45	23.4	(4.5)	5.2	25.6
1/10/19 3:00	18.0	12.2	0.0	29.9	1/10/19 16:00	13.0	(11.4)	3.0	6.3
1/10/19 3:15	12.6	(10.2)	(0.0)	2.9	1/10/19 16:15	7.0	(27.5)	3.4	(17.7)
1/10/19 3:30	(13.7)	(11.8)	0.0	(22.2)	1/10/19 16:30	34.5	(29.5)	2.7	12.5
1/10/19 3:45	16.2	(19.1)	(0.0)	(12.2)	1/10/19 16:45	51.6	(20.1)	2.0	33.5
1/10/19 4:00	17.1	(8.6)	0.0	8.6	1/10/19 17:00	50.0	(18.7)	0.8	33.1
1/10/19 4:15	24.2	(4.4)	(0.0)	19.9	1/10/19 17:15	8.9	(14.8)	0.0	(13.9)
1/10/19 4:30	(9.4)	3.2	(0.0)	(6.3)	1/10/19 17:30	53.0	(10.8)	(0.0)	42.2
1/10/19 4:45	15.6	3.1	(0.0)	18.6	1/10/19 17:45	13.0	(23.6)	(0.0)	(10.6)
1/10/19 5:00	42.4	(12.6)	(0.0)	29.7	1/10/19 18:00	(28.2)	(32.5)	(0.0)	(56.9)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/10/19 18:15	(13.0)	(8.4)	(0.0)	(20.7)	1/11/19 7:15	48.2	(66.5)	0.0	(18.2)
1/10/19 18:30	(3.9)	20.3	(0.0)	16.4	1/11/19 7:30	23.7	(11.2)	(0.0)	19.7
1/10/19 18:45	(27.1)	9.0	(0.0)	(20.4)	1/11/19 7:45	(17.9)	7.3	0.1	(11.2)
1/10/19 19:00	(23.0)	5.4	0.0	(17.6)	1/11/19 8:00	27.2	(6.7)	(0.0)	20.9
1/10/19 19:15	(21.6)	4.7	0.0	(16.9)	1/11/19 8:15	22.2	(38.2)	0.0	(16.8)
1/10/19 19:30	(12.1)	25.9	(0.0)	14.3	1/11/19 8:30	7.2	(50.2)	0.0	(50.1)
1/10/19 19:45	(16.2)	40.2	0.0	23.9	1/11/19 8:45	23.8	(23.9)	(0.7)	(12.5)
1/10/19 20:00	(17.5)	32.4	0.0	14.9	1/11/19 9:00	11.2	(1.1)	(0.5)	9.9
1/10/19 20:15	(3.6)	27.2	0.0	24.7	1/11/19 9:15	10.8	(17.0)	(0.3)	(16.3)
1/10/19 20:30	11.3	18.3	(0.0)	28.8	1/11/19 9:30	11.1	6.0	(2.8)	15.7
1/10/19 20:45	(21.7)	1.3	0.0	(20.8)	1/11/19 9:45	14.6	12.0	(1.1)	25.5
1/10/19 21:00	(54.9)	12.0	0.1	(42.8)	1/11/19 10:00	2.9	(25.5)	(0.8)	(23.6)
1/10/19 21:15	(37.7)	19.4	(0.0)	(18.3)	1/11/19 10:15	(12.6)	(42.6)	(0.3)	(51.7)
1/10/19 21:30	(9.0)	32.7	(0.0)	24.9	1/11/19 10:30	18.8	(20.6)	(1.2)	(5.3)
1/10/19 21:45	(10.5)	32.8	0.0	22.2	1/11/19 10:45	(11.2)	15.2	(2.4)	11.8
1/10/19 22:00	(26.0)	36.4	(0.0)	10.4	1/11/19 11:00	6.0	(12.6)	(2.2)	(16.5)
1/10/19 22:15	(34.6)	25.1	(0.0)	(15.2)	1/11/19 11:15	(16.8)	(24.9)	(1.9)	(43.5)
1/10/19 22:30	(50.5)	8.6	0.0	(41.9)	1/11/19 11:30	4.3	(11.0)	(2.8)	(11.0)
1/10/19 22:45	(22.0)	6.1	(0.0)	(18.0)	1/11/19 11:45	4.7	(25.8)	0.4	(25.4)
1/10/19 23:00	(34.4)	13.1	0.0	(22.2)	1/11/19 12:00	(24.8)	(23.6)	(0.7)	(49.1)
1/10/19 23:15	(36.8)	(2.6)	(0.0)	(38.6)	1/11/19 12:15	14.0	(18.5)	(0.5)	(11.9)
1/10/19 23:30	(23.3)	(8.3)	0.0	(31.7)	1/11/19 12:30	(3.8)	(12.2)	0.9	(11.8)
1/10/19 23:45	(24.7)	(11.8)	(0.0)	(35.8)	1/11/19 12:45	(14.1)	5.5	0.1	(9.2)
1/11/19 0:00	14.7	2.0	(0.0)	16.4	1/11/19 13:00	(25.4)	12.5	(2.4)	(15.3)
1/11/19 0:15	(38.7)	(11.9)	0.0	(50.6)	1/11/19 13:15	(7.7)	2.9	(1.2)	(6.2)
1/11/19 0:30	12.1	(25.2)	0.0	(18.9)	1/11/19 13:30	(3.7)	(2.8)	1.0	(5.4)
1/11/19 0:45	(10.8)	(28.1)	0.0	(37.6)	1/11/19 13:45	2.3	5.3	0.3	5.8
1/11/19 1:00	(3.0)	(12.9)	0.0	(15.6)	1/11/19 14:00	(10.3)	11.7	0.9	3.2
1/11/19 1:15	(22.4)	(20.7)	(0.0)	(42.5)	1/11/19 14:15	(8.1)	10.3	1.1	4.3
1/11/19 1:30	13.9	(26.7)	(0.0)	(18.1)	1/11/19 14:30	(1.9)	4.4	1.4	6.8
1/11/19 1:45	27.1	(76.2)	(0.0)	(49.1)	1/11/19 14:45	(5.4)	(11.3)	1.2	(15.3)
1/11/19 2:00	14.6	(75.5)	0.0	(70.4)	1/11/19 15:00	(4.4)	3.0	0.9	(1.7)
1/11/19 2:15	11.8	(42.5)	0.0	(35.4)	1/11/19 15:15	(44.1)	10.6	2.1	(32.6)
1/11/19 2:30	14.1	18.8	(0.0)	32.4	1/11/19 15:30	22.6	(12.5)	2.5	12.5
1/11/19 2:45	(17.2)	4.2	0.0	(20.0)	1/11/19 15:45	16.5	10.4	1.3	26.2
1/11/19 3:00	12.0	29.2	0.0	39.0	1/11/19 16:00	14.6	27.6	1.5	43.7
1/11/19 3:15	3.1	18.0	(0.0)	20.3	1/11/19 16:15	(14.6)	19.9	2.4	11.8
1/11/19 3:30	(21.1)	11.0	(0.0)	(17.9)	1/11/19 16:30	22.8	6.0	1.9	30.3
1/11/19 3:45	27.8	(19.4)	0.0	13.7	1/11/19 16:45	42.1	7.3	1.7	50.2
1/11/19 4:00	24.6	(36.5)	(0.0)	(15.7)	1/11/19 17:00	57.2	(12.2)	0.6	45.6
1/11/19 4:15	23.1	(93.9)	0.0	(70.7)	1/11/19 17:15	39.9	11.7	0.0	51.0
1/11/19 4:30	7.3	(121.9)	(0.0)	(120.7)	1/11/19 17:30	6.8	21.0	(0.0)	23.2
1/11/19 4:45	30.2	(85.1)	(0.0)	(54.8)	1/11/19 17:45	19.3	(5.9)	(0.0)	15.7
1/11/19 5:00	38.6	(18.6)	0.0	29.5	1/11/19 18:00	(19.2)	(22.9)	(0.0)	(42.1)
1/11/19 5:15	21.9	(35.3)	(0.0)	(21.8)	1/11/19 18:15	(25.1)	(13.0)	0.0	(38.1)
1/11/19 5:30	50.5	(87.1)	(0.0)	(37.5)	1/11/19 18:30	(17.4)	(4.3)	(0.0)	(21.4)
1/11/19 5:45	46.5	17.7	0.0	63.7	1/11/19 18:45	(12.7)	3.7	(0.0)	(9.9)
1/11/19 6:00	23.2	(44.0)	(0.0)	(26.4)	1/11/19 19:00	(25.6)	23.0	0.0	(9.0)
1/11/19 6:15	48.6	(29.9)	(0.0)	29.8	1/11/19 19:15	(40.9)	7.2	0.0	(35.6)
1/11/19 6:30	49.6	12.9	(0.0)	61.7	1/11/19 19:30	(7.4)	19.2	(0.0)	15.5
1/11/19 6:45	44.1	11.6	0.0	55.4	1/11/19 19:45	(19.2)	17.1	(0.0)	(3.5)
1/11/19 7:00	41.1	(13.6)	(0.0)	32.5	1/11/19 20:00	(34.4)	22.7	0.0	(16.2)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/11/19 20:15	(6.4)	(4.4)	0.0	(7.9)	1/12/19 9:15	24.6	38.3	(1.3)	61.5
1/11/19 20:30	(16.9)	(1.0)	(0.0)	(17.1)	1/12/19 9:30	(17.0)	21.1	(1.9)	7.5
1/11/19 20:45	(30.8)	(5.8)	(0.0)	(36.6)	1/12/19 9:45	(10.7)	26.7	(3.1)	19.7
1/11/19 21:00	(35.2)	3.0	0.0	(34.5)	1/12/19 10:00	(27.0)	32.2	(2.3)	7.5
1/11/19 21:15	8.2	0.7	(0.0)	8.6	1/12/19 10:15	(21.8)	25.7	(0.7)	7.5
1/11/19 21:30	(25.5)	12.2	(0.0)	(13.3)	1/12/19 10:30	15.5	16.0	(8.4)	23.0
1/11/19 21:45	(43.6)	16.7	(0.0)	(26.9)	1/12/19 10:45	1.6	16.5	(7.1)	10.2
1/11/19 22:00	(35.4)	14.7	(0.0)	(24.7)	1/12/19 11:00	(13.1)	5.9	(6.8)	(16.1)
1/11/19 22:15	(9.8)	19.7	(0.0)	18.5	1/12/19 11:15	(31.2)	(4.1)	(2.8)	(35.6)
1/11/19 22:30	(33.7)	9.5	0.0	(25.8)	1/12/19 11:30	8.7	(12.7)	3.9	(5.5)
1/11/19 22:45	(53.2)	(9.5)	0.0	(62.7)	1/12/19 11:45	(9.6)	(8.4)	(7.2)	(25.0)
1/11/19 23:00	31.5	(3.1)	(0.0)	29.6	1/12/19 12:00	(26.9)	0.7	2.0	(24.8)
1/11/19 23:15	9.0	10.4	0.0	11.7	1/12/19 12:15	19.3	5.6	2.0	25.4
1/11/19 23:30	(47.3)	34.5	0.0	(12.7)	1/12/19 12:30	(7.9)	4.3	(7.2)	(11.4)
1/11/19 23:45	(25.4)	26.3	(0.0)	8.5	1/12/19 12:45	(16.7)	19.7	(3.4)	(5.6)
1/12/19 0:00	(9.1)	(7.1)	(0.0)	(13.4)	1/12/19 13:00	(18.0)	17.7	(5.9)	(8.1)
1/12/19 0:15	(27.0)	10.5	0.0	(16.6)	1/12/19 13:15	(12.8)	14.5	(4.9)	(5.2)
1/12/19 0:30	(30.8)	17.9	0.0	(14.7)	1/12/19 13:30	(1.7)	16.3	6.0	21.3
1/12/19 0:45	9.9	22.7	0.0	28.7	1/12/19 13:45	(31.8)	8.2	11.3	(13.2)
1/12/19 1:00	(4.0)	5.8	0.0	3.2	1/12/19 14:00	23.2	10.0	2.2	34.1
1/12/19 1:15	(22.0)	(8.4)	(0.0)	(30.4)	1/12/19 14:15	12.7	11.5	(6.6)	17.5
1/12/19 1:30	8.2	64.9	(0.0)	66.5	1/12/19 14:30	(14.6)	17.8	4.2	11.4
1/12/19 1:45	(7.0)	10.0	(0.0)	12.2	1/12/19 14:45	12.8	17.6	24.4	46.8
1/12/19 2:00	11.1	36.4	0.0	43.5	1/12/19 15:00	6.6	15.6	5.2	23.3
1/12/19 2:15	(34.9)	5.3	(0.0)	(30.0)	1/12/19 15:15	(4.7)	14.7	0.4	11.6
1/12/19 2:30	(5.2)	(6.3)	(0.0)	(10.9)	1/12/19 15:30	8.3	14.8	(3.1)	16.9
1/12/19 2:45	(7.8)	(10.6)	0.0	(12.8)	1/12/19 15:45	22.5	9.8	(3.6)	29.6
1/12/19 3:00	(20.3)	12.1	(0.0)	(8.3)	1/12/19 16:00	22.5	10.3	9.5	42.3
1/12/19 3:15	(21.9)	7.1	0.0	(15.1)	1/12/19 16:15	7.8	10.6	8.4	25.2
1/12/19 3:30	32.0	5.2	0.0	36.2	1/12/19 16:30	52.0	3.7	5.7	61.5
1/12/19 3:45	2.6	16.5	(0.0)	18.6	1/12/19 16:45	45.4	3.3	3.3	52.0
1/12/19 4:00	(8.1)	22.5	0.0	14.4	1/12/19 17:00	34.0	1.7	2.3	38.0
1/12/19 4:15	21.7	3.2	0.0	24.4	1/12/19 17:15	(6.3)	(1.1)	0.4	(6.5)
1/12/19 4:30	22.7	15.3	(0.0)	38.0	1/12/19 17:30	73.6	(1.5)	(0.0)	72.6
1/12/19 4:45	(19.7)	15.0	0.0	17.0	1/12/19 17:45	61.8	4.9	(0.0)	66.7
1/12/19 5:00	(34.3)	10.9	(0.0)	(23.8)	1/12/19 18:00	(21.4)	5.7	0.0	(19.0)
1/12/19 5:15	37.1	(50.1)	(0.0)	(20.9)	1/12/19 18:15	(19.0)	1.1	(0.0)	(17.9)
1/12/19 5:30	15.0	(30.1)	(0.0)	(23.3)	1/12/19 18:30	(5.8)	(3.8)	0.0	(9.3)
1/12/19 5:45	(7.9)	(26.8)	0.0	(27.3)	1/12/19 18:45	(27.9)	(3.8)	(0.0)	(31.6)
1/12/19 6:00	25.8	22.6	(0.0)	47.7	1/12/19 19:00	(9.4)	(4.1)	0.0	(11.3)
1/12/19 6:15	25.5	52.0	0.0	77.5	1/12/19 19:15	(9.6)	(2.2)	0.0	(11.8)
1/12/19 6:30	17.3	51.8	0.0	68.6	1/12/19 19:30	(26.5)	0.5	(0.0)	(26.3)
1/12/19 6:45	(11.2)	33.2	(0.0)	31.5	1/12/19 19:45	(31.1)	0.9	0.0	(30.3)
1/12/19 7:00	32.3	22.0	(0.0)	53.0	1/12/19 20:00	(8.5)	1.7	(0.0)	(7.3)
1/12/19 7:15	(9.0)	29.6	0.1	22.0	1/12/19 20:15	18.2	(1.7)	(0.0)	16.5
1/12/19 7:30	(16.0)	30.7	(0.3)	17.6	1/12/19 20:30	(12.5)	2.5	(0.0)	(10.5)
1/12/19 7:45	35.7	44.0	(2.5)	77.2	1/12/19 20:45	(31.3)	6.0	0.0	(25.4)
1/12/19 8:00	26.2	20.6	(2.8)	44.0	1/12/19 21:00	10.1	4.3	(0.0)	12.4
1/12/19 8:15	12.3	1.7	(1.9)	10.6	1/12/19 21:15	(17.1)	2.1	(0.0)	(15.1)
1/12/19 8:30	9.9	6.0	(1.3)	13.3	1/12/19 21:30	(33.7)	(3.7)	(0.0)	(37.4)
1/12/19 8:45	37.6	34.0	(1.3)	70.3	1/12/19 21:45	(29.7)	(4.7)	(0.0)	(34.4)
1/12/19 9:00	30.7	42.0	(2.0)	70.7	1/12/19 22:00	(15.3)	(2.1)	(0.0)	(16.3)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/12/19 22:15	(26.5)	(3.5)	(0.0)	(30.0)	1/13/19 11:15	5.3	3.7	(2.2)	6.9
1/12/19 22:30	(40.0)	(0.5)	(0.0)	(40.3)	1/13/19 11:30	(39.3)	(11.3)	8.0	(42.6)
1/12/19 22:45	16.6	1.0	0.0	17.5	1/13/19 11:45	(25.9)	(18.2)	5.5	(38.9)
1/12/19 23:00	(17.8)	(1.7)	(0.0)	(19.0)	1/13/19 12:00	27.1	(3.5)	(3.4)	23.1
1/12/19 23:15	(23.8)	(3.7)	0.0	(26.7)	1/13/19 12:15	13.1	(4.3)	2.0	9.8
1/12/19 23:30	(10.3)	(8.7)	0.0	(13.3)	1/13/19 12:30	(12.3)	(16.0)	2.6	(22.1)
1/12/19 23:45	(11.9)	(6.0)	(0.0)	(17.9)	1/13/19 12:45	(33.9)	(27.9)	1.4	(55.2)
1/13/19 0:00	10.7	1.0	0.0	10.8	1/13/19 13:00	15.2	(9.6)	8.1	12.4
1/13/19 0:15	10.6	0.7	(0.0)	10.6	1/13/19 13:15	26.3	(1.7)	(4.7)	22.6
1/13/19 0:30	(10.1)	(2.3)	0.0	(12.3)	1/13/19 13:30	(14.4)	14.8	(7.8)	(11.3)
1/13/19 0:45	(37.8)	5.5	0.0	(32.5)	1/13/19 13:45	(15.5)	5.2	(2.0)	(12.9)
1/13/19 1:00	21.9	6.5	(0.0)	26.9	1/13/19 14:00	14.9	9.0	7.3	30.7
1/13/19 1:15	3.6	8.2	(0.0)	10.4	1/13/19 14:15	4.3	13.6	(3.4)	17.1
1/13/19 1:30	(22.0)	5.2	0.0	(19.1)	1/13/19 14:30	(35.2)	3.6	20.7	(15.3)
1/13/19 1:45	(28.4)	1.4	0.0	(27.0)	1/13/19 14:45	24.6	16.4	5.1	41.3
1/13/19 2:00	17.4	(1.8)	(0.0)	16.0	1/13/19 15:00	14.9	12.2	(4.1)	24.2
1/13/19 2:15	17.7	(2.3)	0.0	15.8	1/13/19 15:15	(46.6)	18.5	14.8	(13.2)
1/13/19 2:30	(47.8)	(2.3)	(0.0)	(49.9)	1/13/19 15:30	36.4	19.2	2.1	57.5
1/13/19 2:45	(24.0)	(5.2)	(0.0)	(27.4)	1/13/19 15:45	17.3	11.1	0.8	28.7
1/13/19 3:00	30.6	(7.1)	(0.0)	24.1	1/13/19 16:00	15.3	(3.0)	5.3	17.2
1/13/19 3:15	7.5	(9.8)	(0.0)	(5.3)	1/13/19 16:15	19.0	(10.1)	4.8	14.1
1/13/19 3:30	(16.6)	2.5	0.0	(15.7)	1/13/19 16:30	62.9	(17.6)	3.5	48.9
1/13/19 3:45	35.1	(1.8)	(0.0)	33.7	1/13/19 16:45	51.6	(12.7)	2.1	41.0
1/13/19 4:00	(7.0)	(4.8)	0.0	(9.0)	1/13/19 17:00	26.6	(22.4)	2.2	12.3
1/13/19 4:15	(38.9)	(11.5)	0.0	(50.4)	1/13/19 17:15	67.6	(40.4)	0.4	31.7
1/13/19 4:30	20.8	(8.1)	(0.0)	19.0	1/13/19 17:30	62.3	(33.4)	(0.0)	28.9
1/13/19 4:45	28.9	4.4	0.0	33.3	1/13/19 17:45	26.9	(6.4)	(0.0)	23.1
1/13/19 5:00	5.5	8.4	0.0	13.8	1/13/19 18:00	(15.6)	7.4	0.0	(11.3)
1/13/19 5:15	(20.9)	6.7	0.0	(15.3)	1/13/19 18:15	18.1	10.1	(0.0)	27.1
1/13/19 5:30	35.4	4.2	(0.0)	39.6	1/13/19 18:30	(7.0)	6.2	0.0	(1.8)
1/13/19 5:45	21.2	4.8	0.0	26.0	1/13/19 18:45	(27.9)	10.5	0.0	(17.9)
1/13/19 6:00	(11.3)	(1.2)	(0.0)	(11.7)	1/13/19 19:00	(15.6)	8.4	0.0	(9.9)
1/13/19 6:15	30.6	(5.7)	(0.0)	26.5	1/13/19 19:15	7.8	(5.5)	0.0	(13.2)
1/13/19 6:30	(25.1)	(1.5)	0.0	(26.5)	1/13/19 19:30	(14.6)	(21.3)	(0.0)	(35.9)
1/13/19 6:45	(16.4)	(4.8)	0.0	(21.2)	1/13/19 19:45	(17.0)	(19.9)	0.0	(34.5)
1/13/19 7:00	45.1	(4.6)	(0.0)	41.0	1/13/19 20:00	7.4	(13.0)	(0.0)	(12.6)
1/13/19 7:15	6.4	3.2	(0.2)	8.3	1/13/19 20:15	(10.2)	(5.8)	0.0	(16.0)
1/13/19 7:30	(9.6)	2.9	(1.8)	(11.2)	1/13/19 20:30	(28.8)	(1.4)	(0.0)	(30.1)
1/13/19 7:45	(16.3)	(9.7)	(3.6)	(22.2)	1/13/19 20:45	22.6	(3.9)	(0.0)	18.7
1/13/19 8:00	32.8	(14.3)	(11.2)	11.6	1/13/19 21:00	(17.0)	(4.2)	(0.0)	(21.2)
1/13/19 8:15	11.9	(15.6)	(8.3)	(15.1)	1/13/19 21:15	(57.1)	(3.5)	(0.0)	(60.5)
1/13/19 8:30	(23.5)	(24.7)	(9.1)	(55.2)	1/13/19 21:30	(11.2)	(9.1)	0.0	(18.8)
1/13/19 8:45	21.6	(5.3)	(6.1)	11.6	1/13/19 21:45	(27.5)	(6.7)	0.0	(34.2)
1/13/19 9:00	45.2	6.7	(2.6)	49.5	1/13/19 22:00	(58.4)	(5.1)	(0.0)	(63.2)
1/13/19 9:15	(15.4)	17.4	(6.7)	(7.9)	1/13/19 22:15	(8.9)	2.0	(0.0)	(8.2)
1/13/19 9:30	16.8	17.3	(1.6)	32.6	1/13/19 22:30	(33.7)	(3.9)	0.0	(37.0)
1/13/19 9:45	(3.1)	8.6	(4.4)	4.6	1/13/19 22:45	(38.9)	(12.5)	(0.0)	(51.5)
1/13/19 10:00	(35.6)	7.0	(3.1)	(31.4)	1/13/19 23:00	(58.2)	(2.1)	0.0	(60.2)
1/13/19 10:15	31.3	(1.4)	(2.6)	28.7	1/13/19 23:15	43.3	6.0	(0.0)	49.3
1/13/19 10:30	(5.9)	2.4	0.9	(4.2)	1/13/19 23:30	31.0	10.5	0.0	38.3
1/13/19 10:45	(37.7)	(5.5)	1.9	(41.1)	1/13/19 23:45	(24.8)	10.7	(0.0)	(14.2)
1/13/19 11:00	(4.4)	(5.3)	(8.7)	(16.4)	1/14/19 0:00	(43.5)	29.8	0.0	(14.9)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/14/19 0:15	13.4	26.8	(0.0)	34.3	1/14/19 13:15	(28.5)	(14.2)	(3.8)	(45.6)
1/14/19 0:30	11.2	15.7	0.0	20.4	1/14/19 13:30	15.8	(4.2)	(13.5)	(8.9)
1/14/19 0:45	(4.4)	5.1	0.0	3.0	1/14/19 13:45	8.5	(0.8)	(8.2)	(3.9)
1/14/19 1:00	(41.3)	1.1	0.0	(40.6)	1/14/19 14:00	(33.3)	6.5	(2.3)	(28.3)
1/14/19 1:15	27.1	(2.5)	0.0	25.3	1/14/19 14:15	9.8	3.6	17.3	23.1
1/14/19 1:30	2.3	5.6	(0.0)	6.9	1/14/19 14:30	(13.3)	(3.0)	9.4	(9.6)
1/14/19 1:45	(32.0)	17.2	(0.0)	(18.4)	1/14/19 14:45	14.0	(6.0)	(4.1)	7.7
1/14/19 2:00	27.2	11.1	(0.0)	38.3	1/14/19 15:00	8.9	(3.5)	4.6	11.0
1/14/19 2:15	8.5	7.2	0.0	15.5	1/14/19 15:15	14.6	(0.6)	(7.4)	7.5
1/14/19 2:30	(16.5)	(0.8)	(0.0)	(16.4)	1/14/19 15:30	(11.4)	0.6	16.6	19.5
1/14/19 2:45	13.5	(4.7)	0.0	9.7	1/14/19 15:45	30.9	(3.0)	11.9	39.8
1/14/19 3:00	10.9	(11.0)	(0.0)	(2.1)	1/14/19 16:00	15.9	(2.6)	8.6	21.8
1/14/19 3:15	(17.1)	(13.4)	(0.0)	(25.7)	1/14/19 16:15	(11.8)	(13.3)	14.2	(11.9)
1/14/19 3:30	16.5	(19.5)	0.0	(21.4)	1/14/19 16:30	46.7	(19.0)	12.2	39.8
1/14/19 3:45	19.7	(16.8)	(0.0)	7.8	1/14/19 16:45	42.4	(12.8)	2.4	31.9
1/14/19 4:00	28.1	(18.8)	0.0	9.4	1/14/19 17:00	22.5	(3.3)	1.9	23.7
1/14/19 4:15	(20.9)	(8.5)	0.0	(26.8)	1/14/19 17:15	94.0	2.4	0.1	95.0
1/14/19 4:30	38.4	(17.4)	(0.0)	22.8	1/14/19 17:30	61.8	(3.6)	0.0	58.2
1/14/19 4:45	22.9	(14.0)	(0.0)	8.8	1/14/19 17:45	7.2	(2.6)	(0.0)	6.7
1/14/19 5:00	(17.5)	(12.1)	0.0	(26.0)	1/14/19 18:00	20.9	7.0	0.0	24.4
1/14/19 5:15	61.0	(8.9)	0.0	52.1	1/14/19 18:15	12.8	8.3	(0.0)	17.1
1/14/19 5:30	39.3	14.8	0.0	54.1	1/14/19 18:30	(25.2)	1.9	0.0	(25.3)
1/14/19 5:45	28.9	14.4	(0.0)	43.1	1/14/19 18:45	(10.6)	2.5	0.0	11.6
1/14/19 6:00	66.2	(31.6)	0.0	34.6	1/14/19 19:00	(16.0)	(8.7)	(0.0)	(24.2)
1/14/19 6:15	62.0	(48.4)	0.0	13.6	1/14/19 19:15	(31.5)	(1.7)	0.0	(32.9)
1/14/19 6:30	24.6	(45.3)	(0.0)	(24.1)	1/14/19 19:30	(16.5)	(4.5)	0.0	(18.4)
1/14/19 6:45	21.6	(32.5)	(0.0)	(19.3)	1/14/19 19:45	(10.3)	(9.2)	0.0	(18.8)
1/14/19 7:00	40.8	(3.0)	0.0	37.8	1/14/19 20:00	(36.0)	(2.1)	(0.0)	(37.4)
1/14/19 7:15	(14.3)	(3.6)	(0.1)	(15.8)	1/14/19 20:15	13.3	5.1	0.0	17.6
1/14/19 7:30	17.5	(4.7)	(1.1)	13.3	1/14/19 20:30	(16.5)	7.6	(0.0)	(10.2)
1/14/19 7:45	7.5	23.6	(4.2)	24.7	1/14/19 20:45	(31.6)	5.4	0.0	(26.2)
1/14/19 8:00	(38.1)	21.1	(11.0)	(28.9)	1/14/19 21:00	(27.4)	17.3	(0.0)	(13.2)
1/14/19 8:15	6.7	(25.4)	6.8	(20.5)	1/14/19 21:15	(19.7)	8.6	0.0	(11.8)
1/14/19 8:30	(13.2)	17.9	(16.2)	(12.8)	1/14/19 21:30	(59.5)	12.7	(0.0)	(46.9)
1/14/19 8:45	(30.6)	22.1	3.9	(14.8)	1/14/19 21:45	(52.9)	14.9	(0.0)	(38.0)
1/14/19 9:00	16.4	19.5	(15.7)	21.5	1/14/19 22:00	(45.5)	7.2	(0.0)	(38.3)
1/14/19 9:15	10.1	61.5	(5.0)	66.0	1/14/19 22:15	(24.7)	0.3	0.0	(24.8)
1/14/19 9:30	(24.0)	62.1	(8.2)	29.9	1/14/19 22:30	10.0	1.3	0.0	10.8
1/14/19 9:45	(7.9)	27.6	2.9	29.9	1/14/19 22:45	(45.1)	(3.6)	(0.0)	(48.6)
1/14/19 10:00	(5.3)	12.3	5.8	13.8	1/14/19 23:00	(27.1)	(3.0)	(0.0)	(28.9)
1/14/19 10:15	(40.7)	28.8	(2.5)	(17.9)	1/14/19 23:15	20.3	(6.3)	(0.0)	14.9
1/14/19 10:30	21.6	21.3	(12.9)	29.0	1/14/19 23:30	(13.8)	(2.7)	(0.0)	(16.5)
1/14/19 10:45	(13.9)	13.0	(6.1)	(7.0)	1/14/19 23:45	11.8	2.0	(0.0)	13.8
1/14/19 11:00	(33.9)	7.5	(1.8)	(28.2)	1/15/19 0:00	11.4	8.0	0.0	17.1
1/14/19 11:15	14.0	3.8	6.2	18.2	1/15/19 0:15	(11.2)	1.4	0.0	(11.1)
1/14/19 11:30	(18.9)	2.5	18.4	5.3	1/15/19 0:30	(41.7)	(5.5)	0.0	(45.8)
1/14/19 11:45	(22.0)	2.8	(1.0)	(20.2)	1/15/19 0:45	17.1	(8.3)	0.0	10.1
1/14/19 12:00	8.8	6.4	(3.5)	9.9	1/15/19 1:00	7.4	(3.1)	(0.0)	6.3
1/14/19 12:15	(24.6)	(5.9)	(14.2)	(44.4)	1/15/19 1:15	(18.3)	(12.2)	(0.0)	(30.4)
1/14/19 12:30	(38.6)	(13.9)	4.3	(50.8)	1/15/19 1:30	(8.4)	(13.6)	(0.0)	(21.4)
1/14/19 12:45	24.1	(13.1)	(0.7)	12.2	1/15/19 1:45	5.1	(10.7)	0.0	(7.1)
1/14/19 13:00	4.1	(7.6)	2.1	(4.8)	1/15/19 2:00	(33.2)	11.4	(0.0)	(22.0)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/15/19 2:15	(2.8)	10.6	(0.0)	8.6	1/15/19 15:15	17.1	4.1	15.9	33.9
1/15/19 2:30	(3.0)	(16.1)	(0.0)	(18.1)	1/15/19 15:30	(10.5)	13.1	6.8	12.9
1/15/19 2:45	(3.4)	5.8	0.0	3.6	1/15/19 15:45	33.7	21.0	15.0	67.6
1/15/19 3:00	1.4	(3.7)	0.0	(2.9)	1/15/19 16:00	8.8	17.2	19.0	43.2
1/15/19 3:15	3.9	(3.1)	(0.0)	2.7	1/15/19 16:15	(11.0)	3.8	10.1	5.2
1/15/19 3:30	(3.9)	2.1	0.0	(3.0)	1/15/19 16:30	21.1	(5.1)	11.0	22.7
1/15/19 3:45	3.5	8.4	0.0	11.8	1/15/19 16:45	63.0	3.2	4.2	70.1
1/15/19 4:00	14.0	5.8	(0.0)	19.7	1/15/19 17:00	53.5	12.0	2.9	68.4
1/15/19 4:15	29.8	(5.8)	(0.0)	24.0	1/15/19 17:15	32.9	8.3	0.3	41.5
1/15/19 4:30	21.5	6.8	0.0	28.1	1/15/19 17:30	58.4	4.1	0.0	62.5
1/15/19 4:45	24.2	8.0	0.0	31.9	1/15/19 17:45	28.4	7.4	(0.0)	35.8
1/15/19 5:00	23.7	(3.1)	(0.0)	20.7	1/15/19 18:00	(20.7)	10.3	0.0	(15.3)
1/15/19 5:15	(24.1)	(11.2)	0.0	(34.0)	1/15/19 18:15	(31.7)	4.7	0.0	(27.4)
1/15/19 5:30	(17.0)	(18.5)	0.0	(27.3)	1/15/19 18:30	7.5	(2.7)	0.0	7.3
1/15/19 5:45	38.4	(16.2)	(0.0)	22.2	1/15/19 18:45	(10.8)	(17.0)	(0.0)	(27.5)
1/15/19 6:00	79.3	(6.3)	(0.0)	73.1	1/15/19 19:00	(31.9)	(25.3)	0.0	(57.2)
1/15/19 6:15	44.4	6.4	(0.0)	50.7	1/15/19 19:15	(15.1)	(23.7)	0.0	(27.1)
1/15/19 6:30	19.4	11.2	0.0	30.6	1/15/19 19:30	(32.3)	(10.2)	0.0	(39.3)
1/15/19 6:45	27.9	17.3	(0.0)	45.3	1/15/19 19:45	20.0	2.9	(0.0)	18.7
1/15/19 7:00	41.4	6.3	(0.0)	47.7	1/15/19 20:00	(52.0)	(2.4)	(0.0)	(53.2)
1/15/19 7:15	6.0	6.6	(0.2)	11.7	1/15/19 20:15	12.4	(6.4)	(0.0)	(8.2)
1/15/19 7:30	(3.9)	(15.0)	(1.7)	(20.7)	1/15/19 20:30	(18.5)	(5.7)	(0.0)	(22.2)
1/15/19 7:45	(18.2)	(11.6)	(7.6)	(37.4)	1/15/19 20:45	(26.5)	(25.9)	0.0	(52.4)
1/15/19 8:00	(13.2)	2.1	(7.2)	(18.8)	1/15/19 21:00	(39.3)	(34.2)	0.0	(70.3)
1/15/19 8:15	25.1	(3.3)	(10.4)	14.3	1/15/19 21:15	(33.6)	(34.3)	0.0	(59.4)
1/15/19 8:30	(8.8)	(17.1)	(2.7)	(28.5)	1/15/19 21:30	(29.8)	(20.9)	(0.0)	(48.6)
1/15/19 8:45	(8.4)	7.2	(9.7)	(10.1)	1/15/19 21:45	(7.2)	(32.5)	(0.0)	(36.2)
1/15/19 9:00	(9.3)	9.0	(12.1)	(12.1)	1/15/19 22:00	(62.7)	(48.5)	(0.0)	(111.2)
1/15/19 9:15	(50.0)	7.5	(1.8)	(43.9)	1/15/19 22:15	(9.3)	(37.7)	(0.0)	(47.0)
1/15/19 9:30	(19.3)	2.8	(2.0)	(18.1)	1/15/19 22:30	(26.2)	(7.2)	(0.0)	(33.3)
1/15/19 9:45	23.1	3.3	(3.0)	23.3	1/15/19 22:45	(56.8)	(35.1)	0.0	(91.9)
1/15/19 10:00	(9.0)	5.5	(2.3)	11.4	1/15/19 23:00	(22.1)	(5.1)	0.0	(27.1)
1/15/19 10:15	(12.1)	(21.4)	0.8	(32.2)	1/15/19 23:15	31.5	4.8	(0.0)	36.1
1/15/19 10:30	(39.7)	(37.7)	0.3	(74.6)	1/15/19 23:30	(26.8)	(32.6)	(0.0)	(54.3)
1/15/19 10:45	(14.1)	(16.4)	(1.9)	(24.2)	1/15/19 23:45	(30.8)	(36.8)	(0.0)	(67.6)
1/15/19 11:00	(12.8)	(3.6)	(3.2)	(17.6)	1/16/19 0:00	(19.8)	(25.8)	0.0	(38.0)
1/15/19 11:15	(6.5)	4.5	(4.2)	(5.3)	1/16/19 0:15	11.1	(31.5)	0.0	(24.1)
1/15/19 11:30	(43.1)	24.2	(8.9)	(27.8)	1/16/19 0:30	(32.0)	(42.0)	0.0	(74.0)
1/15/19 11:45	19.1	17.7	(3.5)	31.7	1/16/19 0:45	(31.9)	7.0	0.0	(27.3)
1/15/19 12:00	(15.1)	6.2	(0.6)	(11.1)	1/16/19 1:00	13.0	(50.6)	0.0	(37.5)
1/15/19 12:15	(4.1)	11.6	(0.4)	7.3	1/16/19 1:15	5.1	(27.5)	0.0	(23.3)
1/15/19 12:30	(43.3)	5.8	(1.4)	(38.9)	1/16/19 1:30	(18.9)	(6.8)	0.0	(25.2)
1/15/19 12:45	26.2	2.5	(1.8)	25.9	1/16/19 1:45	12.7	15.3	0.0	26.4
1/15/19 13:00	6.3	2.5	(0.2)	8.8	1/16/19 2:00	(8.3)	18.6	0.0	11.4
1/15/19 13:15	(15.8)	8.4	1.6	15.3	1/16/19 2:15	(9.2)	39.7	(0.0)	38.5
1/15/19 13:30	(18.0)	2.1	(2.0)	(19.7)	1/16/19 2:30	11.1	2.5	0.0	12.4
1/15/19 13:45	(3.5)	3.9	3.4	7.1	1/16/19 2:45	(9.5)	(14.9)	0.0	(23.7)
1/15/19 14:00	32.8	12.6	(6.6)	38.8	1/16/19 3:00	(25.4)	(29.5)	(0.0)	(50.1)
1/15/19 14:15	(5.5)	17.0	1.3	16.6	1/16/19 3:15	36.0	(36.2)	(0.0)	(8.1)
1/15/19 14:30	4.4	5.6	(1.6)	9.8	1/16/19 3:30	5.5	(37.0)	(0.0)	(31.4)
1/15/19 14:45	(10.6)	(7.2)	8.9	(11.9)	1/16/19 3:45	(24.7)	27.0	0.0	(18.3)
1/15/19 15:00	(13.1)	(6.8)	(6.6)	(23.2)	1/16/19 4:00	41.5	30.8	0.0	64.9

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/16/19 4:15	25.5	(41.4)	0.0	(18.7)	1/16/19 17:15	50.4	(28.2)	0.1	25.9
1/16/19 4:30	(5.0)	(2.4)	0.0	(7.2)	1/16/19 17:30	59.5	(67.9)	(0.1)	(8.5)
1/16/19 4:45	(12.9)	16.6	(0.0)	10.5	1/16/19 17:45	21.5	(50.0)	0.0	(28.5)
1/16/19 5:00	66.4	(30.3)	0.0	36.2	1/16/19 18:00	(24.2)	(52.2)	0.1	(67.7)
1/16/19 5:15	31.4	15.5	(0.0)	46.3	1/16/19 18:15	(31.2)	(30.7)	0.0	(61.9)
1/16/19 5:30	24.1	3.0	0.0	26.2	1/16/19 18:30	(11.9)	1.8	0.0	(10.7)
1/16/19 5:45	51.6	10.6	(0.0)	62.1	1/16/19 18:45	(13.7)	10.5	0.0	(6.8)
1/16/19 6:00	56.6	11.2	(0.0)	67.8	1/16/19 19:00	(17.4)	11.2	0.0	(9.9)
1/16/19 6:15	26.4	2.7	(0.0)	28.3	1/16/19 19:15	(4.7)	6.1	0.0	(7.8)
1/16/19 6:30	60.6	(20.6)	(0.0)	39.9	1/16/19 19:30	(9.0)	22.8	0.0	13.8
1/16/19 6:45	60.0	(7.5)	0.0	55.3	1/16/19 19:45	(15.3)	10.5	(0.0)	(6.0)
1/16/19 7:00	15.8	29.8	(0.0)	42.4	1/16/19 20:00	(16.6)	29.1	(0.0)	13.5
1/16/19 7:15	(9.6)	30.9	(0.2)	22.3	1/16/19 20:15	(6.1)	47.5	(0.0)	41.4
1/16/19 7:30	7.2	44.6	(1.8)	50.0	1/16/19 20:30	(19.4)	45.2	(0.0)	25.9
1/16/19 7:45	21.3	22.9	(7.9)	35.0	1/16/19 20:45	(23.6)	39.3	(0.0)	15.7
1/16/19 8:00	8.9	33.6	(5.3)	34.2	1/16/19 21:00	(29.2)	9.1	0.0	(20.1)
1/16/19 8:15	(43.1)	36.8	(12.0)	(33.4)	1/16/19 21:15	(17.4)	4.4	0.0	(13.0)
1/16/19 8:30	(57.9)	3.2	11.5	(52.3)	1/16/19 21:30	(36.9)	12.6	(0.0)	(24.3)
1/16/19 8:45	12.2	(5.3)	7.0	20.3	1/16/19 21:45	(41.4)	(12.1)	0.0	(52.7)
1/16/19 9:00	(12.4)	21.0	(21.9)	(18.0)	1/16/19 22:00	(45.4)	(28.2)	(0.0)	(73.5)
1/16/19 9:15	(30.0)	64.0	(20.6)	13.4	1/16/19 22:15	(40.0)	(27.5)	(0.0)	(67.5)
1/16/19 9:30	11.8	72.6	0.8	75.9	1/16/19 22:30	(33.8)	(10.3)	(0.0)	(43.7)
1/16/19 9:45	(12.3)	71.5	(1.6)	58.7	1/16/19 22:45	(41.3)	9.7	0.0	(31.6)
1/16/19 10:00	(17.2)	51.2	(3.0)	32.6	1/16/19 23:00	(32.2)	(4.6)	(0.0)	(33.7)
1/16/19 10:15	(32.9)	37.4	0.6	10.3	1/16/19 23:15	10.2	(20.6)	(0.0)	(15.1)
1/16/19 10:30	(9.4)	37.2	(0.8)	36.0	1/16/19 23:30	31.4	(29.0)	0.0	2.7
1/16/19 10:45	4.7	26.3	(1.9)	25.7	1/16/19 23:45	(19.8)	(28.7)	(0.0)	(48.4)
1/16/19 11:00	(29.8)	15.9	13.5	(10.2)	1/17/19 0:00	(24.5)	(21.3)	0.0	(45.8)
1/16/19 11:15	16.0	2.3	(6.6)	13.0	1/17/19 0:15	(22.3)	(30.6)	(0.0)	(53.0)
1/16/19 11:30	(4.4)	6.4	(6.6)	(4.8)	1/17/19 0:30	(12.0)	(35.9)	0.0	(47.9)
1/16/19 11:45	(40.1)	4.5	(3.6)	(38.4)	1/17/19 0:45	(3.8)	30.1	0.0	32.1
1/16/19 12:00	23.3	2.2	3.3	26.8	1/17/19 1:00	(3.9)	13.9	(0.0)	16.0
1/16/19 12:15	(10.1)	6.1	(10.2)	(13.3)	1/17/19 1:15	5.0	8.8	0.0	13.7
1/16/19 12:30	(11.4)	3.2	2.0	(6.5)	1/17/19 1:30	(4.0)	(26.2)	0.0	(29.0)
1/16/19 12:45	(40.8)	(6.5)	2.0	(45.2)	1/17/19 1:45	(2.3)	27.1	(0.0)	25.4
1/16/19 13:00	31.1	(20.1)	4.7	15.8	1/17/19 2:00	(7.3)	7.0	0.0	(4.0)
1/16/19 13:15	(5.7)	(27.6)	6.1	(24.2)	1/17/19 2:15	(3.6)	9.9	(0.0)	6.9
1/16/19 13:30	(17.7)	(44.6)	(3.0)	(56.0)	1/17/19 2:30	(4.8)	11.7	0.0	6.9
1/16/19 13:45	(25.9)	(54.9)	12.4	(67.8)	1/17/19 2:45	4.0	(5.6)	(0.0)	(5.0)
1/16/19 14:00	7.0	(41.6)	(1.9)	(36.4)	1/17/19 3:00	33.7	(37.7)	(0.0)	(11.3)
1/16/19 14:15	11.2	(20.5)	5.7	(3.6)	1/17/19 3:15	9.7	(16.5)	(0.0)	(14.3)
1/16/19 14:30	7.0	(29.0)	(2.5)	(24.7)	1/17/19 3:30	13.1	(22.6)	0.0	(15.3)
1/16/19 14:45	5.5	(11.4)	(1.4)	(12.5)	1/17/19 3:45	(16.5)	28.6	0.0	21.4
1/16/19 15:00	19.3	(32.6)	(12.5)	(33.4)	1/17/19 4:00	32.5	42.5	0.0	75.0
1/16/19 15:15	17.0	(48.6)	9.8	(27.4)	1/17/19 4:15	5.8	60.6	(0.0)	63.3
1/16/19 15:30	14.0	(7.8)	8.5	11.6	1/17/19 4:30	(15.6)	51.6	(0.0)	44.8
1/16/19 15:45	26.1	(21.6)	9.8	13.1	1/17/19 4:45	30.8	34.8	(0.0)	65.6
1/16/19 16:00	20.2	(32.5)	2.8	(12.3)	1/17/19 5:00	38.8	47.8	(0.0)	86.5
1/16/19 16:15	28.6	(10.3)	14.4	32.6	1/17/19 5:15	19.1	62.3	(0.0)	81.4
1/16/19 16:30	(15.3)	(3.0)	9.4	(9.8)	1/17/19 5:30	44.6	50.7	0.0	95.3
1/16/19 16:45	50.4	(7.7)	2.0	44.8	1/17/19 5:45	46.5	34.6	(0.0)	81.1
1/16/19 17:00	44.2	(20.1)	1.0	25.2	1/17/19 6:00	25.0	35.6	0.0	60.6

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/17/19 6:15	56.0	14.4	(0.0)	70.4	1/17/19 19:15	(8.5)	30.4	(0.0)	28.8
1/17/19 6:30	44.6	(4.6)	(0.0)	40.8	1/17/19 19:30	(14.2)	54.2	(0.0)	41.8
1/17/19 6:45	27.4	3.1	0.0	28.4	1/17/19 19:45	(44.9)	41.5	0.0	(9.4)
1/17/19 7:00	37.2	(24.3)	(0.0)	15.4	1/17/19 20:00	(8.4)	45.1	(0.0)	43.9
1/17/19 7:15	(20.1)	(8.0)	(0.2)	(27.6)	1/17/19 20:15	11.5	33.3	0.0	40.8
1/17/19 7:30	(11.0)	55.2	(1.4)	50.4	1/17/19 20:30	(17.2)	24.6	0.0	10.2
1/17/19 7:45	(31.7)	59.2	(5.1)	26.8	1/17/19 20:45	(45.9)	1.9	(0.0)	(45.0)
1/17/19 8:00	(39.5)	(28.3)	(4.8)	(70.9)	1/17/19 21:00	(6.3)	(40.3)	(0.0)	(46.4)
1/17/19 8:15	4.2	(43.9)	(12.2)	(54.4)	1/17/19 21:15	(21.2)	(14.0)	0.0	(35.3)
1/17/19 8:30	(33.9)	(22.8)	(13.3)	(70.0)	1/17/19 21:30	(47.9)	(56.5)	0.0	(103.5)
1/17/19 8:45	49.3	(13.1)	(2.6)	39.1	1/17/19 21:45	(13.1)	(42.2)	(0.0)	(55.3)
1/17/19 9:00	7.7	11.6	(15.0)	6.9	1/17/19 22:00	(27.1)	(44.3)	(0.0)	(71.5)
1/17/19 9:15	(36.0)	12.4	(11.8)	(35.4)	1/17/19 22:15	(25.0)	(12.4)	0.0	(35.9)
1/17/19 9:30	(13.3)	(23.1)	1.3	(27.7)	1/17/19 22:30	(7.6)	(40.1)	0.0	(46.3)
1/17/19 9:45	5.6	(36.1)	1.4	(32.6)	1/17/19 22:45	(31.7)	(50.9)	0.0	(82.7)
1/17/19 10:00	7.8	(9.3)	(1.9)	(6.1)	1/17/19 23:00	(14.8)	58.6	(0.0)	45.4
1/17/19 10:15	(21.6)	(37.5)	9.2	(49.1)	1/17/19 23:15	(26.8)	32.6	(0.0)	5.8
1/17/19 10:30	18.0	(24.0)	(18.5)	(26.6)	1/17/19 23:30	9.5	38.6	(0.0)	43.5
1/17/19 10:45	(10.8)	(33.7)	(5.8)	(48.9)	1/17/19 23:45	(25.8)	14.0	0.0	(11.8)
1/17/19 11:00	(55.5)	(21.0)	9.2	(71.2)	1/18/19 0:00	(30.8)	33.6	0.0	9.0
1/17/19 11:15	29.6	(10.8)	(12.1)	16.8	1/18/19 0:15	(9.0)	19.9	0.0	18.2
1/17/19 11:30	(11.0)	(65.8)	9.6	(66.7)	1/18/19 0:30	(15.7)	26.5	0.0	15.5
1/17/19 11:45	(34.4)	(64.5)	11.1	(89.7)	1/18/19 0:45	(45.6)	8.1	0.0	(37.7)
1/17/19 12:00	11.7	(18.3)	19.2	12.9	1/18/19 1:00	7.8	22.0	(0.0)	25.4
1/17/19 12:15	(8.5)	(27.6)	4.1	(30.4)	1/18/19 1:15	7.6	39.8	0.0	44.4
1/17/19 12:30	(5.1)	(2.2)	3.5	(1.8)	1/18/19 1:30	(58.1)	41.9	0.0	(31.6)
1/17/19 12:45	(74.7)	(17.0)	(5.5)	(96.0)	1/18/19 1:45	(45.5)	60.5	(0.0)	45.6
1/17/19 13:00	33.7	6.8	11.5	49.5	1/18/19 2:00	6.1	38.6	0.0	39.5
1/17/19 13:15	5.6	(16.0)	(9.1)	(21.9)	1/18/19 2:15	(11.6)	51.3	(0.0)	44.5
1/17/19 13:30	(18.2)	(21.5)	(2.5)	(38.5)	1/18/19 2:30	9.6	7.1	(0.0)	7.6
1/17/19 13:45	21.5	(33.9)	3.7	(27.3)	1/18/19 2:45	(2.2)	(6.9)	0.0	(8.3)
1/17/19 14:00	16.9	(9.8)	(8.1)	(5.4)	1/18/19 3:00	(11.2)	(46.4)	(0.0)	(55.7)
1/17/19 14:15	(7.9)	(2.3)	5.7	8.6	1/18/19 3:15	23.0	(36.0)	(0.0)	(28.8)
1/17/19 14:30	(24.2)	1.7	2.5	(21.2)	1/18/19 3:30	42.2	28.3	(0.0)	70.5
1/17/19 14:45	6.2	(11.9)	10.8	5.9	1/18/19 3:45	(16.9)	61.0	(0.0)	46.8
1/17/19 15:00	6.6	(8.4)	6.7	5.7	1/18/19 4:00	26.7	7.3	0.0	27.7
1/17/19 15:15	(16.2)	33.1	(3.6)	16.2	1/18/19 4:15	29.7	(13.2)	(0.0)	16.6
1/17/19 15:30	20.8	(7.3)	(6.8)	11.0	1/18/19 4:30	16.3	(25.6)	(0.0)	(18.5)
1/17/19 15:45	19.2	(7.7)	13.4	24.0	1/18/19 4:45	27.5	9.8	0.0	35.9
1/17/19 16:00	30.4	(17.2)	(11.8)	5.6	1/18/19 5:00	(8.9)	(8.5)	0.0	(14.7)
1/17/19 16:15	36.9	(82.3)	7.4	(41.4)	1/18/19 5:15	12.7	29.8	0.0	41.6
1/17/19 16:30	6.4	(50.1)	16.1	(28.8)	1/18/19 5:30	20.6	(35.4)	0.0	(17.1)
1/17/19 16:45	38.6	(41.8)	10.8	8.7	1/18/19 5:45	67.0	(27.0)	(0.0)	39.9
1/17/19 17:00	50.7	(34.3)	2.1	18.5	1/18/19 6:00	33.1	(60.6)	0.0	(27.5)
1/17/19 17:15	37.7	(21.5)	0.5	16.6	1/18/19 6:15	67.4	(76.1)	(0.0)	(11.4)
1/17/19 17:30	59.2	(21.1)	(0.0)	38.2	1/18/19 6:30	48.8	(11.1)	(0.0)	38.1
1/17/19 17:45	22.7	(29.0)	(0.0)	(6.9)	1/18/19 6:45	32.5	(34.8)	(0.0)	(9.1)
1/17/19 18:00	(28.0)	(23.0)	(0.0)	(48.0)	1/18/19 7:00	57.7	(5.9)	(0.0)	56.4
1/17/19 18:15	21.2	21.4	(0.0)	42.4	1/18/19 7:15	3.6	9.9	0.0	11.8
1/17/19 18:30	2.4	41.0	0.0	41.6	1/18/19 7:30	(15.0)	35.3	0.1	23.5
1/17/19 18:45	(18.9)	56.3	0.0	37.4	1/18/19 7:45	13.2	(26.6)	(1.2)	(20.6)
1/17/19 19:00	(22.9)	36.2	0.0	19.5	1/18/19 8:00	11.8	(55.9)	(1.5)	(47.3)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/18/19 8:15	(24.2)	(48.7)	(0.7)	(72.2)	1/18/19 21:15	(13.3)	12.2	0.0	6.2
1/18/19 8:30	43.1	(31.0)	0.8	13.5	1/18/19 21:30	(29.1)	25.0	(0.0)	(6.6)
1/18/19 8:45	5.4	(48.1)	(3.9)	(46.5)	1/18/19 21:45	(29.0)	16.4	(0.0)	(14.2)
1/18/19 9:00	(16.5)	(41.8)	(1.9)	(55.6)	1/18/19 22:00	(22.4)	29.0	(0.0)	10.2
1/18/19 9:15	12.4	(60.7)	0.6	(56.8)	1/18/19 22:15	(35.0)	60.3	(0.0)	29.6
1/18/19 9:30	19.3	(105.9)	(0.3)	(86.5)	1/18/19 22:30	(37.8)	18.5	(0.0)	(21.9)
1/18/19 9:45	14.9	(46.8)	(2.2)	(41.5)	1/18/19 22:45	26.1	(33.0)	0.0	(12.3)
1/18/19 10:00	(15.4)	(17.0)	(2.5)	(28.4)	1/18/19 23:00	(39.5)	(60.5)	0.0	(99.9)
1/18/19 10:15	20.3	(12.4)	(3.8)	7.9	1/18/19 23:15	(45.0)	(10.2)	0.0	(54.7)
1/18/19 10:30	2.7	(22.4)	(2.4)	(24.0)	1/18/19 23:30	16.4	(4.1)	0.0	15.5
1/18/19 10:45	2.3	(19.2)	0.8	(18.1)	1/18/19 23:45	(10.9)	(2.2)	(0.0)	(13.1)
1/18/19 11:00	11.6	(47.7)	0.7	(35.8)	1/19/19 0:00	(13.2)	(9.9)	(0.0)	(22.9)
1/18/19 11:15	12.1	(30.0)	0.5	(18.4)	1/19/19 0:15	(28.3)	(13.5)	(0.0)	(41.8)
1/18/19 11:30	13.8	9.0	(3.5)	17.5	1/19/19 0:30	(25.0)	(14.7)	0.0	(37.3)
1/18/19 11:45	30.3	(9.1)	(6.2)	17.2	1/19/19 0:45	(24.8)	34.5	0.0	16.0
1/18/19 12:00	(37.7)	37.5	(7.6)	(8.1)	1/19/19 1:00	13.1	6.1	0.0	16.9
1/18/19 12:15	4.3	9.2	(12.2)	1.6	1/19/19 1:15	(13.2)	(11.5)	(0.0)	(22.9)
1/18/19 12:30	(7.0)	3.7	7.3	3.9	1/19/19 1:30	(27.1)	21.7	(0.0)	(10.9)
1/18/19 12:45	7.3	1.9	1.7	7.5	1/19/19 1:45	14.3	(6.7)	(0.0)	8.2
1/18/19 13:00	18.6	(7.4)	0.9	14.5	1/19/19 2:00	(4.9)	3.3	0.0	(7.2)
1/18/19 13:15	(28.2)	11.7	1.0	(21.6)	1/19/19 2:15	(21.2)	19.5	0.0	7.8
1/18/19 13:30	15.6	14.6	4.2	28.6	1/19/19 2:30	15.0	(10.4)	0.0	5.7
1/18/19 13:45	(12.8)	(25.6)	1.5	(36.9)	1/19/19 2:45	(1.4)	(4.3)	(0.0)	(5.3)
1/18/19 14:00	(39.5)	11.9	(0.6)	(28.6)	1/19/19 3:00	(41.1)	21.8	(0.0)	(19.3)
1/18/19 14:15	22.1	(7.2)	1.6	18.0	1/19/19 3:15	5.1	(11.8)	0.0	(8.9)
1/18/19 14:30	(4.0)	3.1	2.9	4.1	1/19/19 3:30	37.5	13.2	(0.0)	48.9
1/18/19 14:45	(26.8)	17.5	0.3	(13.5)	1/19/19 3:45	8.6	(5.4)	0.0	6.7
1/18/19 15:00	17.8	30.7	2.5	48.6	1/19/19 4:00	(18.5)	7.9	(0.0)	(10.6)
1/18/19 15:15	32.8	18.7	1.1	52.5	1/19/19 4:15	19.6	(7.8)	0.0	13.9
1/18/19 15:30	12.2	15.8	3.7	31.8	1/19/19 4:30	18.8	(15.5)	(0.0)	4.5
1/18/19 15:45	(20.3)	1.9	2.2	(17.6)	1/19/19 4:45	16.2	(1.0)	(0.0)	15.8
1/18/19 16:00	19.7	13.3	0.7	33.1	1/19/19 5:00	(14.9)	(12.0)	(0.0)	(19.4)
1/18/19 16:15	(36.9)	(38.7)	(3.6)	(78.8)	1/19/19 5:15	41.5	(23.3)	0.0	19.0
1/18/19 16:30	(14.6)	46.8	6.0	57.0	1/19/19 5:30	25.2	4.5	(0.0)	29.0
1/18/19 16:45	38.3	48.3	9.2	82.2	1/19/19 5:45	(11.4)	(4.8)	(0.0)	(7.8)
1/18/19 17:00	39.0	(51.8)	4.2	(11.1)	1/19/19 6:00	38.1	(17.3)	(0.0)	23.5
1/18/19 17:15	35.6	(74.7)	1.3	(52.8)	1/19/19 6:15	26.7	(35.5)	(0.0)	(12.8)
1/18/19 17:30	63.8	55.0	0.1	118.8	1/19/19 6:30	23.1	14.4	0.0	23.7
1/18/19 17:45	7.9	1.4	(0.0)	7.8	1/19/19 6:45	21.2	30.2	(0.0)	33.6
1/18/19 18:00	(30.8)	14.7	(0.0)	(20.2)	1/19/19 7:00	45.6	49.9	(0.0)	94.0
1/18/19 18:15	18.5	35.8	(0.0)	54.3	1/19/19 7:15	(5.9)	96.5	(0.3)	94.3
1/18/19 18:30	(5.2)	13.9	(0.0)	11.3	1/19/19 7:30	(17.3)	42.4	(2.7)	31.9
1/18/19 18:45	(36.1)	9.8	(0.0)	(26.3)	1/19/19 7:45	22.3	81.7	(11.7)	92.3
1/18/19 19:00	(7.7)	14.1	0.0	14.1	1/19/19 8:00	12.2	43.0	(15.6)	39.6
1/18/19 19:15	(7.0)	5.7	(0.0)	(2.8)	1/19/19 8:15	(13.8)	64.7	(17.7)	36.3
1/18/19 19:30	(33.0)	14.2	(0.0)	(19.1)	1/19/19 8:30	13.8	69.2	(16.7)	60.8
1/18/19 19:45	10.2	26.1	0.0	29.2	1/19/19 8:45	(15.6)	66.7	(16.6)	34.5
1/18/19 20:00	(15.7)	19.8	0.0	5.5	1/19/19 9:00	(24.3)	82.9	(11.9)	46.7
1/18/19 20:15	(35.4)	35.4	(0.0)	(11.1)	1/19/19 9:15	(9.0)	27.6	(3.8)	16.3
1/18/19 20:30	(7.3)	40.2	0.0	36.7	1/19/19 9:30	12.0	(2.2)	(0.2)	10.1
1/18/19 20:45	(17.8)	17.1	(0.0)	(2.7)	1/19/19 9:45	(12.3)	20.9	0.5	14.7
1/18/19 21:00	(41.1)	7.7	0.0	(33.8)	1/19/19 10:00	(19.5)	16.6	1.2	11.7

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/19/19 10:15	(12.6)	(13.1)	1.0	(24.6)	1/19/19 23:15	(9.5)	(81.2)	(0.0)	(87.2)
1/19/19 10:30	(3.7)	(23.3)	1.6	(24.8)	1/19/19 23:30	(13.9)	(28.8)	0.0	(35.9)
1/19/19 10:45	(51.7)	(5.3)	1.2	(55.8)	1/19/19 23:45	(9.6)	31.8	(0.0)	23.9
1/19/19 11:00	(6.4)	(29.8)	1.4	(34.8)	1/20/19 0:00	(40.9)	77.4	0.0	36.5
1/19/19 11:15	(2.4)	(25.4)	0.9	(25.3)	1/20/19 0:15	14.6	75.0	(0.0)	77.3
1/19/19 11:30	(44.4)	11.9	1.0	(32.3)	1/20/19 0:30	6.4	23.1	0.0	23.3
1/19/19 11:45	(27.3)	5.3	0.9	(21.1)	1/20/19 0:45	(20.5)	32.2	0.0	15.9
1/19/19 12:00	12.2	7.4	0.8	16.4	1/20/19 1:00	(32.5)	(18.9)	(0.0)	(49.4)
1/19/19 12:15	16.4	18.4	0.3	30.6	1/20/19 1:15	7.7	(9.4)	(0.0)	(5.4)
1/19/19 12:30	(6.4)	(12.4)	(0.2)	(18.8)	1/20/19 1:30	(8.4)	17.5	0.0	12.6
1/19/19 12:45	(28.9)	(34.8)	(0.5)	(64.2)	1/20/19 1:45	(47.8)	9.0	(0.0)	(38.9)
1/19/19 13:00	(32.5)	(11.6)	(1.0)	(44.6)	1/20/19 2:00	(21.0)	(47.4)	0.0	(63.5)
1/19/19 13:15	25.2	19.6	(0.8)	43.2	1/20/19 2:15	(3.9)	(10.4)	(0.0)	(13.6)
1/19/19 13:30	6.3	10.6	(1.0)	12.7	1/20/19 2:30	(31.4)	19.2	0.0	(15.1)
1/19/19 13:45	(19.9)	(41.5)	(1.5)	(62.1)	1/20/19 2:45	14.7	(27.5)	0.0	(16.0)
1/19/19 14:00	18.7	(26.8)	(1.2)	(17.3)	1/20/19 3:00	7.2	(38.4)	0.0	(31.2)
1/19/19 14:15	22.2	(23.3)	(1.2)	(7.4)	1/20/19 3:15	(23.4)	(11.5)	(0.0)	(34.3)
1/19/19 14:30	(16.3)	(8.7)	5.3	(10.9)	1/20/19 3:30	17.5	(11.7)	0.0	(16.5)
1/19/19 14:45	31.8	(10.9)	7.3	30.1	1/20/19 3:45	25.0	(30.5)	0.0	(6.3)
1/19/19 15:00	10.2	(27.4)	3.0	(16.5)	1/20/19 4:00	8.3	1.2	(0.0)	8.8
1/19/19 15:15	(18.5)	27.9	9.1	28.0	1/20/19 4:15	(22.7)	57.5	(0.0)	37.6
1/19/19 15:30	(13.8)	(23.5)	11.1	(17.1)	1/20/19 4:30	(9.7)	(16.4)	0.0	(24.7)
1/19/19 15:45	8.2	12.8	8.6	12.1	1/20/19 4:45	25.9	(21.7)	0.0	4.9
1/19/19 16:00	11.4	62.6	3.1	75.2	1/20/19 5:00	31.8	(29.7)	(0.0)	7.2
1/19/19 16:15	(10.0)	31.3	10.3	41.3	1/20/19 5:15	13.0	(28.9)	0.0	(17.1)
1/19/19 16:30	31.7	13.0	17.1	61.8	1/20/19 5:30	(22.6)	3.8	0.0	(22.8)
1/19/19 16:45	55.9	(10.5)	13.4	59.1	1/20/19 5:45	30.1	29.5	(0.0)	59.6
1/19/19 17:00	61.4	(58.1)	5.2	17.9	1/20/19 6:00	34.1	56.4	(0.0)	90.5
1/19/19 17:15	56.2	(38.2)	0.5	21.8	1/20/19 6:15	16.8	16.3	0.0	31.4
1/19/19 17:30	13.3	(11.6)	0.0	2.1	1/20/19 6:30	(14.0)	22.0	0.0	15.1
1/19/19 17:45	18.7	(7.2)	(0.0)	15.4	1/20/19 6:45	41.1	46.0	(0.0)	87.2
1/19/19 18:00	11.8	(20.3)	(0.0)	(10.0)	1/20/19 7:00	19.6	54.2	(0.0)	73.7
1/19/19 18:15	(15.9)	(3.5)	(0.0)	(18.9)	1/20/19 7:15	14.9	(11.7)	(0.1)	13.7
1/19/19 18:30	24.6	(4.0)	(0.0)	22.9	1/20/19 7:30	(31.9)	(4.6)	(1.3)	(37.2)
1/19/19 18:45	(6.2)	9.9	(0.0)	7.6	1/20/19 7:45	8.7	(29.6)	(3.4)	(24.3)
1/19/19 19:00	(31.7)	8.4	(0.0)	(24.2)	1/20/19 8:00	14.3	(13.4)	(2.3)	10.8
1/19/19 19:15	(25.0)	(2.9)	0.0	(26.7)	1/20/19 8:15	46.1	55.4	(8.6)	92.9
1/19/19 19:30	16.0	(4.4)	0.0	12.8	1/20/19 8:30	15.3	29.1	(18.8)	28.1
1/19/19 19:45	(9.5)	(26.1)	0.0	(34.0)	1/20/19 8:45	(13.6)	4.9	(14.6)	(22.7)
1/19/19 20:00	(42.3)	(41.8)	(0.0)	(84.2)	1/20/19 9:00	(38.6)	(1.9)	(9.6)	(47.1)
1/19/19 20:15	(14.6)	(28.9)	0.0	(43.5)	1/20/19 9:15	20.2	18.9	(15.7)	23.2
1/19/19 20:30	(14.1)	(15.9)	(0.0)	(27.8)	1/20/19 9:30	14.9	35.8	(11.1)	39.6
1/19/19 20:45	16.0	5.9	0.0	21.9	1/20/19 9:45	(27.8)	41.2	3.0	15.7
1/19/19 21:00	(10.8)	14.3	0.1	9.2	1/20/19 10:00	10.9	46.8	(1.5)	55.7
1/19/19 21:15	11.2	(18.5)	(0.0)	(9.9)	1/20/19 10:15	(4.8)	37.5	5.3	39.6
1/19/19 21:30	6.5	(16.6)	(0.0)	(12.4)	1/20/19 10:30	(25.4)	38.8	(2.9)	14.7
1/19/19 21:45	(23.6)	(13.2)	(0.0)	(30.3)	1/20/19 10:45	(8.7)	26.5	8.8	31.9
1/19/19 22:00	(31.5)	93.8	(0.0)	62.3	1/20/19 11:00	(4.7)	30.9	7.2	34.0
1/19/19 22:15	(31.0)	77.6	0.0	54.8	1/20/19 11:15	9.0	25.2	(12.6)	14.1
1/19/19 22:30	(10.9)	37.2	(0.0)	27.0	1/20/19 11:30	12.3	5.3	13.2	27.7
1/19/19 22:45	(27.8)	(19.0)	0.0	(37.5)	1/20/19 11:45	(4.3)	(2.8)	3.2	(6.4)
1/19/19 23:00	(69.3)	(107.0)	0.0	(176.3)	1/20/19 12:00	(30.5)	3.8	5.2	(23.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/20/19 12:15	8.4	(3.4)	(4.0)	(9.3)	1/21/19 1:15	16.1	17.0	0.0	32.6
1/20/19 12:30	(13.2)	(12.7)	(4.1)	(29.9)	1/21/19 1:30	(3.5)	17.7	0.0	14.5
1/20/19 12:45	(35.7)	(21.4)	(3.4)	(59.2)	1/21/19 1:45	(30.9)	15.3	(0.0)	(15.8)
1/20/19 13:00	5.7	(25.0)	(2.0)	(21.1)	1/21/19 2:00	9.3	45.2	0.0	52.7
1/20/19 13:15	37.0	(11.8)	(1.8)	24.1	1/21/19 2:15	13.7	28.5	0.0	29.9
1/20/19 13:30	13.4	(10.6)	(0.9)	4.4	1/21/19 2:30	(16.3)	(7.6)	0.0	(23.6)
1/20/19 13:45	6.8	(13.1)	4.1	(6.7)	1/21/19 2:45	(49.4)	28.4	(0.0)	(33.8)
1/20/19 14:00	(19.6)	(6.7)	6.9	(19.6)	1/21/19 3:00	16.6	40.8	0.0	50.6
1/20/19 14:15	16.4	(6.6)	3.1	13.5	1/21/19 3:15	17.9	41.1	0.0	58.9
1/20/19 14:30	(8.3)	(4.9)	(7.1)	(17.6)	1/21/19 3:30	10.1	20.8	0.0	27.0
1/20/19 14:45	(19.4)	(2.7)	4.5	(18.3)	1/21/19 3:45	15.3	30.8	(0.0)	42.9
1/20/19 15:00	24.3	(14.6)	(4.2)	7.3	1/21/19 4:00	23.9	58.5	(0.0)	82.4
1/20/19 15:15	21.0	(8.1)	(3.1)	9.8	1/21/19 4:15	21.4	60.3	0.0	80.6
1/20/19 15:30	(16.2)	(14.9)	(2.5)	(27.3)	1/21/19 4:30	(14.1)	43.7	0.0	37.1
1/20/19 15:45	19.8	(35.8)	14.6	(10.3)	1/21/19 4:45	40.3	25.7	(0.0)	66.0
1/20/19 16:00	13.5	(69.4)	6.4	(50.5)	1/21/19 5:00	32.0	(3.6)	0.0	31.9
1/20/19 16:15	(4.4)	(65.4)	18.2	(49.8)	1/21/19 5:15	8.2	40.0	(0.0)	48.2
1/20/19 16:30	57.0	(64.6)	13.3	13.7	1/21/19 5:30	44.6	44.3	(0.0)	88.4
1/20/19 16:45	55.6	(29.9)	13.7	39.4	1/21/19 5:45	34.9	65.0	(0.0)	99.9
1/20/19 17:00	47.2	(27.2)	5.2	26.1	1/21/19 6:00	41.2	51.3	(0.0)	92.6
1/20/19 17:15	40.8	(21.2)	1.2	23.0	1/21/19 6:15	(7.1)	9.2	0.0	12.1
1/20/19 17:30	43.3	(25.7)	0.0	17.6	1/21/19 6:30	8.7	(3.2)	0.0	8.1
1/20/19 17:45	26.3	(18.3)	(0.0)	14.2	1/21/19 6:45	28.8	14.2	(0.0)	43.0
1/20/19 18:00	(10.7)	(57.3)	(0.0)	(62.3)	1/21/19 7:00	56.9	(12.1)	0.0	44.8
1/20/19 18:15	10.3	(106.5)	(0.0)	(103.3)	1/21/19 7:15	(8.8)	(15.2)	(0.0)	(23.4)
1/20/19 18:30	(6.0)	(117.5)	(0.0)	(120.1)	1/21/19 7:30	13.7	(13.3)	(0.2)	6.0
1/20/19 18:45	5.3	(124.3)	0.0	(124.0)	1/21/19 7:45	(20.6)	6.8	(4.9)	(20.3)
1/20/19 19:00	(6.3)	(87.2)	(0.0)	(91.1)	1/21/19 8:00	(12.5)	12.6	(10.2)	11.1
1/20/19 19:15	47.8	(62.1)	(0.0)	(14.8)	1/21/19 8:15	16.5	(6.4)	(8.3)	9.2
1/20/19 19:30	9.1	(48.1)	(0.0)	(47.2)	1/21/19 8:30	3.3	(12.3)	(15.3)	(25.7)
1/20/19 19:45	(31.5)	39.1	0.0	8.1	1/21/19 8:45	(13.6)	11.1	(35.6)	(39.0)
1/20/19 20:00	(4.8)	12.8	(0.0)	11.4	1/21/19 9:00	17.1	7.7	(18.8)	(26.1)
1/20/19 20:15	(7.4)	(5.4)	0.0	(12.8)	1/21/19 9:15	28.2	13.0	(3.5)	38.1
1/20/19 20:30	(11.9)	(9.3)	0.0	(18.7)	1/21/19 9:30	14.2	(8.5)	2.2	(11.5)
1/20/19 20:45	(7.8)	51.7	(0.0)	51.0	1/21/19 9:45	(28.3)	(2.6)	(2.1)	(30.8)
1/20/19 21:00	(16.0)	(15.2)	0.0	(27.8)	1/21/19 10:00	(14.2)	(19.8)	4.9	(20.0)
1/20/19 21:15	(25.8)	10.2	0.0	(16.7)	1/21/19 10:15	15.1	(36.8)	(2.5)	(24.1)
1/20/19 21:30	(49.4)	39.1	(0.0)	(11.7)	1/21/19 10:30	8.5	(20.4)	6.2	(7.0)
1/20/19 21:45	(3.9)	3.9	0.0	2.9	1/21/19 10:45	(37.2)	(31.0)	12.6	(55.8)
1/20/19 22:00	(29.6)	8.5	(0.0)	(21.0)	1/21/19 11:00	7.9	(39.7)	(8.0)	(41.2)
1/20/19 22:15	(39.3)	21.5	0.0	(17.8)	1/21/19 11:15	(5.7)	(25.2)	(3.0)	(31.7)
1/20/19 22:30	(57.9)	57.7	(0.0)	(3.5)	1/21/19 11:30	3.0	(26.6)	(2.3)	(27.7)
1/20/19 22:45	(12.6)	12.0	(0.0)	(5.8)	1/21/19 11:45	(5.6)	2.5	1.2	(3.5)
1/20/19 23:00	(19.0)	19.0	(0.0)	(5.4)	1/21/19 12:00	26.7	(38.3)	1.1	(11.9)
1/20/19 23:15	(19.1)	7.2	0.0	(12.4)	1/21/19 12:15	6.1	(19.3)	(1.8)	(17.6)
1/20/19 23:30	(41.4)	37.9	(0.0)	(6.3)	1/21/19 12:30	12.9	(5.9)	9.1	16.9
1/20/19 23:45	(13.5)	9.9	0.0	(5.7)	1/21/19 12:45	(33.7)	(53.1)	5.1	(83.5)
1/21/19 0:00	(15.2)	8.9	(0.0)	(6.3)	1/21/19 13:00	30.7	(109.6)	(1.8)	(82.2)
1/21/19 0:15	(36.7)	50.3	0.0	17.6	1/21/19 13:15	17.0	(118.0)	(5.0)	(105.9)
1/21/19 0:30	11.2	10.9	(0.0)	18.4	1/21/19 13:30	(18.8)	(99.7)	(2.9)	(118.9)
1/21/19 0:45	(9.2)	3.1	0.0	(8.7)	1/21/19 13:45	29.6	(33.4)	(2.3)	(14.8)
1/21/19 1:00	(37.2)	22.3	0.0	(16.9)	1/21/19 14:00	3.0	32.3	(3.4)	30.0

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	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/21/19 14:15	(21.9)	21.3	2.6	9.3	1/22/19 3:15	21.3	4.3	(0.0)	23.9
1/21/19 14:30	15.7	29.1	3.2	45.7	1/22/19 3:30	19.6	(11.3)	(0.0)	8.7
1/21/19 14:45	17.7	6.4	(2.9)	18.2	1/22/19 3:45	(15.4)	6.9	0.0	(11.6)
1/21/19 15:00	(12.4)	(24.9)	6.2	(28.0)	1/22/19 4:00	34.6	6.0	0.0	35.3
1/21/19 15:15	25.5	(5.4)	10.9	35.3	1/22/19 4:15	20.2	11.7	(0.0)	26.8
1/21/19 15:30	7.1	16.2	29.9	53.2	1/22/19 4:30	(19.0)	(46.9)	0.0	(63.7)
1/21/19 15:45	(12.4)	43.8	28.7	66.4	1/22/19 4:45	18.6	(41.9)	0.0	(26.2)
1/21/19 16:00	26.4	5.1	(15.2)	25.4	1/22/19 5:00	35.3	(19.4)	(0.0)	18.1
1/21/19 16:15	4.4	(7.3)	9.3	5.6	1/22/19 5:15	52.3	(44.1)	0.0	8.6
1/21/19 16:30	13.7	(25.0)	15.4	(12.6)	1/22/19 5:30	43.8	(27.0)	0.0	16.8
1/21/19 16:45	53.1	(38.9)	4.6	24.2	1/22/19 5:45	51.2	(46.8)	0.0	7.0
1/21/19 17:00	46.9	78.4	1.1	126.5	1/22/19 6:00	51.7	8.1	(0.0)	57.7
1/21/19 17:15	19.2	4.8	0.6	24.4	1/22/19 6:15	54.4	25.1	0.0	79.5
1/21/19 17:30	63.3	56.4	0.1	119.8	1/22/19 6:30	37.5	62.7	0.0	100.2
1/21/19 17:45	10.4	79.8	(0.0)	90.1	1/22/19 6:45	36.6	46.1	0.0	82.7
1/21/19 18:00	(37.3)	119.3	(0.0)	82.0	1/22/19 7:00	26.5	37.1	(0.0)	63.6
1/21/19 18:15	(6.2)	55.6	(0.0)	53.3	1/22/19 7:15	(8.1)	16.0	0.0	15.1
1/21/19 18:30	(12.6)	61.4	(0.0)	48.8	1/22/19 7:30	(5.2)	(7.9)	(0.5)	(11.6)
1/21/19 18:45	(38.1)	26.2	0.0	(24.5)	1/22/19 7:45	(19.2)	17.6	(0.6)	(5.1)
1/21/19 19:00	(10.5)	(31.7)	0.0	(38.5)	1/22/19 8:00	7.3	(3.4)	(0.6)	(7.7)
1/21/19 19:15	(7.4)	(16.9)	(0.0)	(23.5)	1/22/19 8:15	21.5	8.8	(0.7)	29.5
1/21/19 19:30	(27.0)	(11.0)	(0.0)	(37.9)	1/22/19 8:30	2.9	13.2	(2.0)	12.8
1/21/19 19:45	(26.6)	(98.1)	(0.0)	(122.5)	1/22/19 8:45	11.8	38.3	(2.0)	48.1
1/21/19 20:00	(4.5)	(131.1)	(0.0)	(131.2)	1/22/19 9:00	4.8	20.3	(0.6)	20.3
1/21/19 20:15	(14.7)	36.0	0.0	26.3	1/22/19 9:15	(10.6)	19.3	(2.4)	7.3
1/21/19 20:30	(37.8)	(64.5)	(0.0)	(100.8)	1/22/19 9:30	16.9	(3.6)	(3.4)	10.3
1/21/19 20:45	(19.8)	(60.7)	(0.0)	(80.6)	1/22/19 9:45	(4.5)	(14.6)	(2.1)	(18.5)
1/21/19 21:00	(5.6)	(79.5)	(0.0)	(82.4)	1/22/19 10:00	(3.3)	(15.7)	(0.4)	(19.0)
1/21/19 21:15	(31.4)	(69.9)	0.0	(101.3)	1/22/19 10:15	12.9	15.6	(3.4)	24.4
1/21/19 21:30	(19.2)	(65.6)	0.0	(79.0)	1/22/19 10:30	(19.6)	19.1	0.8	(4.4)
1/21/19 21:45	(6.8)	(101.6)	(0.0)	(103.7)	1/22/19 10:45	(22.0)	(35.8)	(3.5)	(60.7)
1/21/19 22:00	(17.7)	(120.4)	(0.0)	(137.7)	1/22/19 11:00	(13.4)	(20.7)	(5.1)	(39.2)
1/21/19 22:15	(45.1)	34.9	(0.0)	(41.4)	1/22/19 11:15	(24.7)	(21.2)	(2.1)	(46.2)
1/21/19 22:30	(11.1)	(29.0)	(0.0)	(40.1)	1/22/19 11:30	(6.7)	(30.7)	(1.1)	(35.5)
1/21/19 22:45	(14.7)	(4.8)	0.0	(19.5)	1/22/19 11:45	26.1	(2.8)	(1.3)	24.9
1/21/19 23:00	(19.4)	1.6	(0.0)	(18.5)	1/22/19 12:00	(7.6)	(21.4)	(6.8)	(34.3)
1/21/19 23:15	32.8	16.9	0.0	48.0	1/22/19 12:15	(15.9)	(60.9)	(1.4)	(77.7)
1/21/19 23:30	(25.6)	54.0	0.0	28.5	1/22/19 12:30	8.8	5.1	(2.3)	13.1
1/21/19 23:45	(40.1)	24.2	(0.0)	(17.2)	1/22/19 12:45	23.5	(33.6)	(1.8)	(22.7)
1/22/19 0:00	(37.0)	11.9	0.0	(27.7)	1/22/19 13:00	(5.6)	(64.6)	(3.3)	(72.9)
1/22/19 0:15	7.4	(13.8)	(0.0)	(10.9)	1/22/19 13:15	(40.9)	(36.4)	1.5	(68.4)
1/22/19 0:30	(18.6)	(7.2)	0.0	(18.0)	1/22/19 13:30	(52.4)	97.4	1.9	63.9
1/22/19 0:45	(6.2)	9.2	0.0	7.4	1/22/19 13:45	17.4	(44.1)	(2.9)	(31.1)
1/22/19 1:00	(36.4)	19.7	(0.0)	(17.5)	1/22/19 14:00	6.5	(10.2)	(1.9)	(7.4)
1/22/19 1:15	2.7	3.8	(0.0)	4.2	1/22/19 14:15	(24.2)	(9.0)	(3.0)	(36.2)
1/22/19 1:30	(1.8)	19.2	0.0	17.6	1/22/19 14:30	13.6	(30.6)	(1.5)	(27.8)
1/22/19 1:45	(7.1)	11.7	0.0	6.1	1/22/19 14:45	(16.1)	54.6	(8.1)	52.7
1/22/19 2:00	7.8	(9.1)	(0.0)	(8.6)	1/22/19 15:00	12.8	7.8	(15.8)	(15.5)
1/22/19 2:15	23.9	(9.5)	(0.0)	16.4	1/22/19 15:15	(28.6)	53.5	(10.2)	24.6
1/22/19 2:30	1.8	(9.7)	0.0	(8.9)	1/22/19 15:30	38.2	14.0	7.6	51.0
1/22/19 2:45	(14.1)	5.9	0.0	(11.5)	1/22/19 15:45	20.0	(41.0)	12.0	(10.2)
1/22/19 3:00	18.5	4.0	(0.0)	17.4	1/22/19 16:00	(9.9)	(9.8)	14.8	7.7

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/22/19 16:15	35.5	(69.6)	15.1	(19.1)	1/23/19 5:15	37.2	(108.9)	(0.0)	(72.1)
1/22/19 16:30	32.4	(30.5)	14.4	18.4	1/23/19 5:30	44.3	22.2	0.0	66.4
1/22/19 16:45	(8.9)	55.4	12.4	66.3	1/23/19 5:45	55.4	45.9	(0.0)	101.3
1/22/19 17:00	59.2	30.5	5.2	93.0	1/23/19 6:00	46.1	9.3	(0.0)	55.4
1/22/19 17:15	44.5	29.8	1.0	75.3	1/23/19 6:15	64.7	23.4	(0.0)	88.1
1/22/19 17:30	60.1	58.0	0.0	118.2	1/23/19 6:30	55.4	8.1	0.0	61.9
1/22/19 17:45	22.3	37.3	(0.0)	59.0	1/23/19 6:45	44.2	11.5	(0.0)	55.5
1/22/19 18:00	17.7	29.6	(0.0)	40.6	1/23/19 7:00	(34.7)	23.0	0.0	(16.1)
1/22/19 18:15	(26.8)	35.3	(0.0)	11.8	1/23/19 7:15	16.7	35.4	(0.4)	49.3
1/22/19 18:30	(36.4)	31.7	0.0	(15.6)	1/23/19 7:30	(11.2)	3.6	(3.0)	(11.8)
1/22/19 18:45	(10.5)	19.8	(0.0)	14.3	1/23/19 7:45	(43.8)	35.1	(10.8)	(20.1)
1/22/19 19:00	(10.9)	26.8	(0.0)	15.9	1/23/19 8:00	(6.7)	55.6	(10.1)	44.1
1/22/19 19:15	(40.7)	56.3	(0.0)	15.6	1/23/19 8:15	(6.3)	41.8	(8.3)	29.6
1/22/19 19:30	10.4	66.5	0.0	69.1	1/23/19 8:30	(36.3)	25.6	(20.6)	(31.5)
1/22/19 19:45	(14.9)	65.1	(0.0)	51.4	1/23/19 8:45	(7.0)	31.9	(9.5)	18.8
1/22/19 20:00	(33.4)	46.9	(0.0)	17.1	1/23/19 9:00	(6.5)	28.5	(6.6)	20.0
1/22/19 20:15	(39.3)	32.2	0.0	(14.5)	1/23/19 9:15	(35.2)	69.7	(6.2)	28.4
1/22/19 20:30	10.1	1.7	0.0	10.4	1/23/19 9:30	(32.5)	74.6	(8.0)	34.1
1/22/19 20:45	(13.0)	5.2	0.0	(9.4)	1/23/19 9:45	(18.1)	54.2	2.9	38.7
1/22/19 21:00	(26.9)	13.0	(0.0)	(13.9)	1/23/19 10:00	(18.2)	20.2	(6.2)	(7.0)
1/22/19 21:15	(47.9)	27.0	0.0	(21.3)	1/23/19 10:15	(16.9)	10.0	(0.7)	(10.3)
1/22/19 21:30	(16.0)	(11.4)	(0.0)	(27.3)	1/23/19 10:30	(16.0)	(6.5)	1.9	(18.8)
1/22/19 21:45	(41.3)	(25.2)	0.0	(66.4)	1/23/19 10:45	(18.1)	15.9	2.8	2.7
1/22/19 22:00	(74.7)	32.4	(0.0)	(42.4)	1/23/19 11:00	(6.5)	(2.1)	(1.3)	(8.4)
1/22/19 22:15	(49.0)	15.4	0.0	(40.3)	1/23/19 11:15	(7.6)	(12.8)	3.1	(17.2)
1/22/19 22:30	(28.9)	(40.9)	0.0	(69.7)	1/23/19 11:30	2.8	(2.7)	2.6	5.8
1/22/19 22:45	(7.8)	(18.2)	0.0	(25.2)	1/23/19 11:45	(3.0)	(6.4)	(2.2)	(9.4)
1/22/19 23:00	(53.2)	7.0	0.0	(48.5)	1/23/19 12:00	(14.2)	(7.4)	5.5	(16.3)
1/22/19 23:15	(3.5)	(11.8)	(0.0)	(12.9)	1/23/19 12:15	(17.5)	(12.1)	(13.9)	(43.2)
1/22/19 23:30	(27.7)	10.4	0.0	(17.3)	1/23/19 12:30	(9.5)	(18.5)	17.6	(11.1)
1/22/19 23:45	(16.2)	10.3	(0.0)	(6.7)	1/23/19 12:45	(12.3)	(29.4)	(8.4)	(43.8)
1/23/19 0:00	(22.3)	(11.8)	0.0	(34.1)	1/23/19 13:00	(4.3)	(30.6)	9.0	(33.3)
1/23/19 0:15	(5.3)	4.7	(0.0)	(8.4)	1/23/19 13:15	17.1	(8.8)	3.6	11.1
1/23/19 0:30	(7.7)	(29.3)	0.0	(37.0)	1/23/19 13:30	17.7	9.8	(4.5)	26.2
1/23/19 0:45	44.2	(39.3)	0.0	6.9	1/23/19 13:45	(4.0)	22.9	(10.6)	12.6
1/23/19 1:00	7.0	(30.8)	(0.0)	(25.4)	1/23/19 14:00	(23.1)	14.0	7.7	(11.2)
1/23/19 1:15	9.9	(10.7)	0.0	(15.2)	1/23/19 14:15	24.8	(21.1)	(9.4)	(8.6)
1/23/19 1:30	(13.5)	(30.8)	(0.0)	(44.3)	1/23/19 14:30	7.2	13.6	12.8	30.3
1/23/19 1:45	(4.6)	(62.8)	0.0	(67.4)	1/23/19 14:45	(33.2)	10.7	4.5	(19.3)
1/23/19 2:00	2.1	(56.7)	(0.0)	(55.8)	1/23/19 15:00	(6.4)	12.1	6.1	17.9
1/23/19 2:15	21.5	(12.8)	0.0	13.9	1/23/19 15:15	5.0	(6.2)	(24.0)	(29.3)
1/23/19 2:30	(2.6)	(14.9)	0.0	(17.1)	1/23/19 15:30	(22.1)	13.7	7.4	8.2
1/23/19 2:45	(8.9)	(35.9)	(0.0)	(44.0)	1/23/19 15:45	35.3	12.7	17.0	64.6
1/23/19 3:00	2.2	(32.3)	0.0	(31.3)	1/23/19 16:00	33.9	2.3	25.3	59.9
1/23/19 3:15	8.1	(39.9)	(0.0)	(32.6)	1/23/19 16:15	24.7	22.3	11.7	55.2
1/23/19 3:30	(19.6)	18.4	(0.0)	(23.8)	1/23/19 16:30	20.0	(20.6)	12.1	14.3
1/23/19 3:45	16.7	53.0	(0.0)	54.5	1/23/19 16:45	70.6	(35.3)	11.0	46.4
1/23/19 4:00	16.0	(12.4)	0.0	5.9	1/23/19 17:00	66.0	8.2	6.0	78.2
1/23/19 4:15	12.1	12.1	(0.0)	23.8	1/23/19 17:15	79.1	(12.3)	1.8	68.6
1/23/19 4:30	(10.1)	(6.7)	0.0	(9.9)	1/23/19 17:30	64.7	46.4	0.1	111.1
1/23/19 4:45	40.8	(18.7)	0.0	22.3	1/23/19 17:45	20.5	27.4	(0.0)	47.7
1/23/19 5:00	20.5	(7.6)	(0.0)	12.9	1/23/19 18:00	(15.3)	4.9	0.0	(10.8)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/23/19 18:15	(35.2)	(16.1)	0.0	(46.2)	1/24/19 7:15	57.6	37.3	(0.7)	94.1
1/23/19 18:30	(7.9)	(18.8)	0.0	(20.7)	1/24/19 7:30	7.8	17.3	(2.0)	23.2
1/23/19 18:45	(14.8)	(6.5)	(0.0)	(19.9)	1/24/19 7:45	(15.6)	(5.8)	(9.9)	(27.9)
1/23/19 19:00	(15.6)	8.3	(0.0)	(7.4)	1/24/19 8:00	22.1	(16.2)	(15.9)	(13.5)
1/23/19 19:15	(20.7)	(4.1)	(0.0)	(24.1)	1/24/19 8:15	24.0	8.8	(17.0)	16.7
1/23/19 19:30	(16.2)	5.5	0.0	(15.1)	1/24/19 8:30	(20.3)	(4.2)	(17.5)	(36.4)
1/23/19 19:45	(11.7)	14.1	(0.0)	7.1	1/24/19 8:45	24.2	(48.8)	(14.5)	(47.8)
1/23/19 20:00	(20.5)	(16.3)	0.0	(36.5)	1/24/19 9:00	27.6	(153.5)	(10.8)	(136.8)
1/23/19 20:15	(27.8)	(46.3)	(0.0)	(74.1)	1/24/19 9:15	(19.7)	(175.7)	7.5	(187.7)
1/23/19 20:30	(16.4)	(56.1)	(0.0)	(66.2)	1/24/19 9:30	30.5	(74.4)	(9.0)	(53.7)
1/23/19 20:45	(13.2)	(24.0)	(0.0)	(36.2)	1/24/19 9:45	34.2	(63.8)	(4.2)	(33.8)
1/23/19 21:00	(42.1)	11.2	0.0	(33.8)	1/24/19 10:00	(19.8)	(17.5)	0.9	(25.7)
1/23/19 21:15	(33.8)	11.6	0.0	(27.2)	1/24/19 10:15	10.9	65.2	0.5	70.1
1/23/19 21:30	(32.4)	(15.6)	0.0	(48.0)	1/24/19 10:30	(6.7)	68.9	0.8	63.9
1/23/19 21:45	(41.6)	(61.6)	0.0	(103.2)	1/24/19 10:45	(16.6)	106.7	16.2	108.7
1/23/19 22:00	(64.3)	(45.6)	(0.0)	(106.8)	1/24/19 11:00	(20.4)	98.3	16.6	96.4
1/23/19 22:15	25.2	21.3	(0.0)	42.4	1/24/19 11:15	(8.9)	73.1	7.2	74.6
1/23/19 22:30	(36.5)	13.4	0.0	(23.1)	1/24/19 11:30	(21.9)	26.1	1.0	14.5
1/23/19 22:45	(59.1)	11.7	0.0	(47.4)	1/24/19 11:45	(11.0)	62.9	0.4	62.4
1/23/19 23:00	(15.4)	48.6	0.0	41.3	1/24/19 12:00	(10.6)	58.5	(9.6)	41.9
1/23/19 23:15	(17.2)	31.8	(0.0)	21.4	1/24/19 12:15	(16.3)	45.7	(6.7)	34.4
1/23/19 23:30	(44.9)	7.9	(0.0)	(42.4)	1/24/19 12:30	(18.5)	37.6	(6.2)	20.1
1/23/19 23:45	(35.4)	24.1	(0.0)	(11.2)	1/24/19 12:45	(12.9)	28.7	2.4	18.9
1/24/19 0:00	(29.5)	9.2	0.0	(23.0)	1/24/19 13:00	(20.8)	14.1	(2.6)	(12.2)
1/24/19 0:15	36.6	(20.7)	(0.0)	17.5	1/24/19 13:15	(11.7)	16.4	(0.5)	13.0
1/24/19 0:30	(2.5)	(6.4)	0.0	(7.1)	1/24/19 13:30	(22.7)	6.9	(4.0)	(19.9)
1/24/19 0:45	16.9	(6.2)	0.0	17.4	1/24/19 13:45	(40.2)	6.0	8.0	(26.3)
1/24/19 1:00	9.0	(48.7)	0.0	(42.5)	1/24/19 14:00	(25.4)	11.1	(5.9)	(17.9)
1/24/19 1:15	9.7	(21.8)	(0.0)	(12.1)	1/24/19 14:15	(5.7)	5.8	(11.6)	(11.1)
1/24/19 1:30	(27.1)	18.7	0.0	(11.3)	1/24/19 14:30	(12.2)	(5.5)	(3.8)	(21.4)
1/24/19 1:45	19.4	15.7	(0.0)	30.7	1/24/19 14:45	31.5	(3.3)	(2.8)	26.5
1/24/19 2:00	4.9	46.9	0.0	50.2	1/24/19 15:00	6.5	(19.0)	(2.6)	(17.5)
1/24/19 2:15	(27.1)	63.3	(0.0)	36.2	1/24/19 15:15	(12.6)	(29.0)	16.2	(24.4)
1/24/19 2:30	18.7	53.4	0.0	68.3	1/24/19 15:30	(16.3)	(33.5)	20.1	(23.8)
1/24/19 2:45	2.8	61.7	(0.0)	64.3	1/24/19 15:45	28.5	(32.9)	10.2	8.8
1/24/19 3:00	(12.6)	35.6	(0.0)	30.2	1/24/19 16:00	22.7	(51.2)	9.5	(19.0)
1/24/19 3:15	14.0	15.9	(0.0)	23.4	1/24/19 16:15	16.9	(59.0)	7.5	(43.7)
1/24/19 3:30	26.5	23.1	0.0	49.6	1/24/19 16:30	40.8	(69.9)	15.0	(25.1)
1/24/19 3:45	11.7	8.4	0.0	17.4	1/24/19 16:45	10.4	(110.1)	9.2	(92.5)
1/24/19 4:00	(12.8)	16.2	0.0	17.1	1/24/19 17:00	54.5	(107.2)	6.3	(46.7)
1/24/19 4:15	28.7	13.8	0.0	42.5	1/24/19 17:15	62.6	(89.6)	2.1	(24.9)
1/24/19 4:30	15.2	6.4	0.0	18.2	1/24/19 17:30	62.1	(44.0)	0.1	19.6
1/24/19 4:45	14.3	(39.5)	(0.0)	(34.5)	1/24/19 17:45	8.1	(22.2)	(0.0)	(24.9)
1/24/19 5:00	37.2	(70.3)	(0.0)	(33.1)	1/24/19 18:00	31.2	(6.2)	0.0	25.0
1/24/19 5:15	39.2	(161.1)	0.0	(121.9)	1/24/19 18:15	7.5	25.2	(0.0)	32.1
1/24/19 5:30	26.9	(58.5)	0.0	(41.9)	1/24/19 18:30	(25.5)	28.3	0.0	9.4
1/24/19 5:45	59.6	32.0	(0.0)	91.6	1/24/19 18:45	9.8	(11.8)	(0.0)	(9.4)
1/24/19 6:00	65.4	47.2	(0.0)	112.6	1/24/19 19:00	(11.7)	7.4	0.0	(4.3)
1/24/19 6:15	33.4	45.5	(0.0)	78.9	1/24/19 19:15	(34.7)	6.7	(0.0)	(29.2)
1/24/19 6:30	(12.4)	42.1	0.0	36.9	1/24/19 19:30	12.1	13.7	(0.0)	18.9
1/24/19 6:45	23.4	46.1	(0.0)	69.5	1/24/19 19:45	(3.3)	27.4	0.0	24.5
1/24/19 7:00	18.2	50.3	(0.0)	68.1	1/24/19 20:00	(42.4)	10.6	(0.0)	(35.4)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/24/19 20:15	(5.6)	(19.8)	(0.0)	(20.2)	1/25/19 9:15	(6.4)	18.6	(4.4)	10.6
1/24/19 20:30	(17.2)	(35.0)	0.0	(52.2)	1/25/19 9:30	(19.9)	9.1	(0.4)	(12.4)
1/24/19 20:45	(42.3)	(43.9)	(0.0)	(86.2)	1/25/19 9:45	(11.3)	4.0	0.1	(7.8)
1/24/19 21:00	(16.1)	(19.1)	0.0	(35.2)	1/25/19 10:00	(13.0)	(12.6)	1.3	(24.1)
1/24/19 21:15	(18.4)	(22.4)	0.0	(40.8)	1/25/19 10:15	(22.2)	(14.2)	1.3	(35.0)
1/24/19 21:30	(66.2)	(2.2)	0.0	(68.2)	1/25/19 10:30	(53.5)	(13.7)	1.0	(66.2)
1/24/19 21:45	(31.6)	(14.9)	0.0	(43.6)	1/25/19 10:45	(10.0)	(25.5)	1.2	(34.4)
1/24/19 22:00	(29.2)	(30.1)	(0.0)	(59.3)	1/25/19 11:00	(25.9)	(30.3)	1.2	(55.0)
1/24/19 22:15	(37.2)	(18.3)	(0.0)	(55.1)	1/25/19 11:15	(39.9)	(14.4)	1.5	(52.0)
1/24/19 22:30	(40.5)	20.2	(0.1)	(28.9)	1/25/19 11:30	(6.8)	(13.7)	2.9	(13.5)
1/24/19 22:45	20.9	30.1	(0.0)	38.3	1/25/19 11:45	(10.3)	(7.9)	1.9	(16.3)
1/24/19 23:00	(23.2)	69.2	0.0	46.0	1/25/19 12:00	(39.9)	6.6	1.6	(35.7)
1/24/19 23:15	(30.2)	57.8	(0.0)	28.7	1/25/19 12:15	15.0	15.5	1.4	25.8
1/24/19 23:30	7.3	21.4	0.0	23.2	1/25/19 12:30	(11.5)	15.9	0.6	4.9
1/24/19 23:45	(21.0)	(6.5)	(0.0)	(21.5)	1/25/19 12:45	(42.2)	17.3	(2.0)	(28.7)
1/25/19 0:00	(50.6)	(47.0)	(0.0)	(97.6)	1/25/19 13:00	24.0	20.6	0.6	42.3
1/25/19 0:15	7.9	(82.7)	(0.0)	(81.3)	1/25/19 13:15	(1.7)	20.9	0.7	19.9
1/25/19 0:30	7.4	(60.2)	0.0	(55.0)	1/25/19 13:30	(39.6)	10.9	(3.2)	(32.7)
1/25/19 0:45	(7.5)	73.4	0.0	66.4	1/25/19 13:45	(10.0)	(4.0)	(0.6)	(14.2)
1/25/19 1:00	(38.1)	21.2	0.0	(38.3)	1/25/19 14:00	2.7	4.2	(0.7)	5.6
1/25/19 1:15	19.4	(30.0)	0.0	19.6	1/25/19 14:15	6.0	19.4	(2.5)	22.9
1/25/19 1:30	(6.0)	51.3	(0.0)	45.4	1/25/19 14:30	(1.2)	3.6	1.7	4.6
1/25/19 1:45	(34.5)	32.0	(0.0)	(3.8)	1/25/19 14:45	4.1	2.3	7.2	13.1
1/25/19 2:00	33.3	25.6	(0.0)	58.2	1/25/19 15:00	3.4	20.2	13.8	36.9
1/25/19 2:15	20.4	13.0	0.0	32.4	1/25/19 15:15	(3.2)	22.8	12.3	33.9
1/25/19 2:30	(21.2)	(37.8)	0.0	(58.8)	1/25/19 15:30	(1.5)	(14.5)	5.1	(11.0)
1/25/19 2:45	21.3	(9.4)	0.0	15.6	1/25/19 15:45	46.9	(8.0)	11.4	54.9
1/25/19 3:00	3.6	(35.0)	(0.0)	(33.8)	1/25/19 16:00	16.5	7.9	10.4	34.8
1/25/19 3:15	(17.9)	(45.8)	0.0	(58.0)	1/25/19 16:15	17.2	23.0	9.5	49.6
1/25/19 3:30	10.7	(24.9)	(0.0)	(25.1)	1/25/19 16:30	(10.1)	14.7	10.0	14.7
1/25/19 3:45	27.8	(26.1)	(0.0)	7.4	1/25/19 16:45	35.8	10.9	6.6	52.2
1/25/19 4:00	18.7	24.0	(0.0)	41.9	1/25/19 17:00	76.9	(17.3)	3.8	63.5
1/25/19 4:15	(21.0)	9.3	0.0	(16.8)	1/25/19 17:15	76.3	(13.4)	2.1	65.0
1/25/19 4:30	37.7	7.1	0.0	42.0	1/25/19 17:30	39.8	(1.1)	0.1	39.8
1/25/19 4:45	23.1	37.0	0.0	60.0	1/25/19 17:45	(7.4)	(7.6)	0.0	(10.9)
1/25/19 5:00	(5.2)	39.1	(0.0)	35.7	1/25/19 18:00	16.5	(9.5)	(0.0)	11.7
1/25/19 5:15	54.2	24.2	(0.0)	78.4	1/25/19 18:15	(19.0)	7.7	(0.0)	(13.4)
1/25/19 5:30	6.9	24.3	0.0	31.3	1/25/19 18:30	(24.3)	29.7	(0.0)	11.3
1/25/19 5:45	71.0	17.1	(0.0)	88.1	1/25/19 18:45	27.7	18.8	(0.0)	43.9
1/25/19 6:00	64.5	(9.4)	(0.0)	56.5	1/25/19 19:00	(19.2)	(25.0)	0.0	(44.1)
1/25/19 6:15	33.4	12.3	(0.0)	43.6	1/25/19 19:15	(47.6)	(49.1)	(0.0)	(96.7)
1/25/19 6:30	53.1	36.1	(0.0)	89.3	1/25/19 19:30	18.6	(54.2)	(0.0)	(38.6)
1/25/19 6:45	59.2	21.9	0.0	81.0	1/25/19 19:45	(4.8)	(27.7)	0.0	(28.0)
1/25/19 7:00	15.3	18.5	0.0	24.9	1/25/19 20:00	(27.1)	(24.3)	0.0	(50.4)
1/25/19 7:15	(22.9)	22.0	(0.4)	4.9	1/25/19 20:15	(50.6)	17.7	(0.0)	(36.0)
1/25/19 7:30	25.9	5.1	(3.3)	27.8	1/25/19 20:30	8.6	23.6	0.0	31.2
1/25/19 7:45	(2.0)	(0.9)	(11.7)	(13.0)	1/25/19 20:45	(7.5)	16.2	0.0	9.2
1/25/19 8:00	(22.6)	(10.2)	(14.4)	(46.5)	1/25/19 21:00	(48.6)	12.6	0.0	(36.0)
1/25/19 8:15	22.1	(9.3)	(17.7)	(9.6)	1/25/19 21:15	(19.1)	(6.0)	(0.0)	(24.4)
1/25/19 8:30	(5.9)	(3.6)	(17.3)	(26.5)	1/25/19 21:30	(17.1)	(31.3)	(0.0)	(48.3)
1/25/19 8:45	(25.7)	8.5	(18.6)	(35.8)	1/25/19 21:45	(49.0)	(36.3)	(0.0)	(85.3)
1/25/19 9:00	(20.2)	14.8	(13.3)	(20.2)	1/25/19 22:00	(25.8)	(31.4)	(0.0)	(57.3)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/25/19 22:15	(18.4)	(13.7)	0.0	(31.9)	1/26/19 11:15	38.1	(17.4)	1.5	26.0
1/25/19 22:30	(41.6)	(19.9)	(0.0)	(61.5)	1/26/19 11:30	35.7	(19.2)	3.4	23.7
1/25/19 22:45	(29.8)	(14.1)	0.0	(43.0)	1/26/19 11:45	(11.1)	(33.8)	2.7	(42.8)
1/25/19 23:00	(13.9)	5.2	0.0	10.9	1/26/19 12:00	(31.4)	(43.6)	(3.8)	(76.4)
1/25/19 23:15	34.2	(12.3)	0.0	27.0	1/26/19 12:15	20.5	(10.7)	(1.2)	10.7
1/25/19 23:30	(30.8)	(31.1)	(0.0)	(59.7)	1/26/19 12:30	(11.6)	(20.2)	(1.3)	(32.0)
1/25/19 23:45	(12.3)	(18.6)	(0.0)	(25.2)	1/26/19 12:45	(54.3)	(16.0)	(0.7)	(70.0)
1/26/19 0:00	(6.2)	(7.9)	0.0	(13.9)	1/26/19 13:00	13.1	(11.1)	(0.8)	5.8
1/26/19 0:15	(28.2)	6.9	(0.0)	(21.3)	1/26/19 13:15	(9.7)	(18.5)	(1.0)	(28.4)
1/26/19 0:30	9.3	(7.3)	(0.0)	(13.8)	1/26/19 13:30	(22.2)	(2.7)	(0.8)	(23.1)
1/26/19 0:45	(6.4)	(14.5)	0.0	(20.9)	1/26/19 13:45	(9.8)	(1.4)	(0.9)	(10.3)
1/26/19 1:00	(15.5)	18.7	0.0	12.4	1/26/19 14:00	4.2	(19.3)	(1.2)	(18.8)
1/26/19 1:15	60.2	(4.8)	(0.0)	58.3	1/26/19 14:15	(16.3)	(56.4)	(0.4)	(69.2)
1/26/19 1:30	(7.5)	(7.7)	0.0	(10.0)	1/26/19 14:30	(19.7)	35.2	5.6	44.6
1/26/19 1:45	(30.6)	36.1	0.0	14.8	1/26/19 14:45	19.8	13.5	(4.9)	27.4
1/26/19 2:00	11.7	33.9	(0.0)	43.6	1/26/19 15:00	(13.7)	(22.8)	(4.2)	(34.3)
1/26/19 2:15	8.8	39.0	(0.0)	47.8	1/26/19 15:15	13.8	(13.7)	(2.0)	(18.0)
1/26/19 2:30	(30.0)	48.6	0.0	18.7	1/26/19 15:30	13.0	(13.1)	14.8	11.3
1/26/19 2:45	6.6	18.5	(0.0)	18.5	1/26/19 15:45	38.9	(26.5)	7.7	20.2
1/26/19 3:00	(4.0)	(9.0)	(0.0)	(12.4)	1/26/19 16:00	14.6	(3.3)	11.0	21.7
1/26/19 3:15	(28.8)	(4.5)	0.0	(30.7)	1/26/19 16:15	(82.4)	17.9	10.1	(55.8)
1/26/19 3:30	13.6	18.3	0.0	30.8	1/26/19 16:30	79.0	(94.9)	19.3	4.0
1/26/19 3:45	9.3	22.7	(0.0)	29.0	1/26/19 16:45	39.9	(60.1)	16.5	(6.2)
1/26/19 4:00	(23.4)	26.5	(0.0)	8.1	1/26/19 17:00	15.1	(33.6)	10.4	(10.3)
1/26/19 4:15	6.0	5.4	(0.0)	11.1	1/26/19 17:15	65.9	(65.5)	3.4	4.1
1/26/19 4:30	23.4	(6.2)	(0.0)	17.7	1/26/19 17:30	66.9	(39.4)	0.3	29.3
1/26/19 4:45	32.1	7.1	0.0	35.5	1/26/19 17:45	16.2	(21.2)	(0.0)	(23.4)
1/26/19 5:00	11.8	20.9	0.0	32.7	1/26/19 18:00	19.6	(24.1)	(0.0)	(10.2)
1/26/19 5:15	(35.4)	(4.9)	0.0	(38.6)	1/26/19 18:15	6.7	(19.3)	0.0	(13.3)
1/26/19 5:30	(20.4)	4.5	(0.0)	(19.4)	1/26/19 18:30	(15.3)	(12.8)	(0.0)	(27.4)
1/26/19 5:45	26.8	11.2	(0.0)	38.0	1/26/19 18:45	(27.5)	8.2	(0.0)	(23.6)
1/26/19 6:00	(5.6)	9.5	0.0	9.5	1/26/19 19:00	12.0	14.2	0.0	17.7
1/26/19 6:15	12.1	(7.8)	0.0	7.3	1/26/19 19:15	(8.7)	23.8	0.0	15.1
1/26/19 6:30	20.9	(3.4)	(0.0)	17.6	1/26/19 19:30	(24.6)	(6.0)	(0.0)	(29.6)
1/26/19 6:45	8.1	(2.8)	0.0	9.9	1/26/19 19:45	9.7	(7.3)	0.0	(8.6)
1/26/19 7:00	37.7	7.4	0.0	45.1	1/26/19 20:00	(23.9)	(6.8)	(0.0)	(30.3)
1/26/19 7:15	4.2	(4.8)	(0.8)	(2.9)	1/26/19 20:15	(29.4)	10.2	(0.0)	(20.7)
1/26/19 7:30	(31.5)	(4.6)	(4.8)	(37.7)	1/26/19 20:30	48.6	(18.7)	(0.0)	30.3
1/26/19 7:45	39.9	(15.7)	(6.6)	22.0	1/26/19 20:45	(26.8)	(16.3)	0.0	(37.6)
1/26/19 8:00	26.1	(3.3)	(2.7)	20.2	1/26/19 21:00	(36.0)	14.8	(0.0)	(27.1)
1/26/19 8:15	36.3	(8.4)	(6.2)	23.8	1/26/19 21:15	13.1	36.0	0.0	42.3
1/26/19 8:30	(17.4)	4.5	(13.4)	(22.7)	1/26/19 21:30	(10.6)	58.2	(0.0)	47.6
1/26/19 8:45	10.6	20.4	(32.5)	(8.7)	1/26/19 21:45	(46.7)	57.5	0.0	10.8
1/26/19 9:00	(12.6)	20.6	(10.5)	7.7	1/26/19 22:00	(17.3)	17.2	(0.0)	(9.5)
1/26/19 9:15	(24.1)	(4.5)	(12.4)	(36.9)	1/26/19 22:15	(18.3)	24.5	(0.0)	7.6
1/26/19 9:30	21.2	(7.7)	1.7	15.9	1/26/19 22:30	(53.2)	60.6	0.0	15.1
1/26/19 9:45	6.1	(15.8)	(9.6)	(24.5)	1/26/19 22:45	(10.1)	78.3	0.0	73.0
1/26/19 10:00	(18.1)	(33.2)	12.4	(37.6)	1/26/19 23:00	(31.6)	59.6	(0.0)	28.0
1/26/19 10:15	(11.8)	(20.7)	7.8	(21.9)	1/26/19 23:15	(47.8)	60.1	(0.0)	14.4
1/26/19 10:30	(11.2)	(17.7)	(9.2)	(32.3)	1/26/19 23:30	(11.5)	12.7	(0.0)	8.2
1/26/19 10:45	11.0	(7.6)	(4.6)	(10.6)	1/26/19 23:45	(21.8)	6.0	(0.0)	(16.2)
1/26/19 11:00	(40.3)	(7.6)	(3.2)	(48.9)	1/27/19 0:00	(30.6)	(6.0)	(0.0)	(36.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/27/19 0:15	25.7	3.2	0.0	28.1	1/27/19 13:15	(19.3)	(10.0)	(2.8)	(31.2)
1/27/19 0:30	(14.0)	(17.3)	0.0	(31.3)	1/27/19 13:30	33.0	2.2	9.4	43.0
1/27/19 0:45	(35.9)	(11.3)	0.0	(47.2)	1/27/19 13:45	12.4	(1.8)	8.4	18.9
1/27/19 1:00	13.6	(60.1)	(0.0)	(51.1)	1/27/19 14:00	(9.7)	8.8	5.7	14.1
1/27/19 1:15	(5.8)	(35.0)	(0.0)	(37.9)	1/27/19 14:15	(15.3)	(28.5)	3.9	(30.4)
1/27/19 1:30	(37.5)	59.2	0.0	25.2	1/27/19 14:30	12.4	(23.5)	5.2	(6.8)
1/27/19 1:45	22.4	(27.5)	(0.0)	(6.7)	1/27/19 14:45	5.5	(39.9)	5.4	(32.5)
1/27/19 2:00	5.6	(21.6)	0.0	(18.0)	1/27/19 15:00	(32.2)	(24.5)	4.7	(52.0)
1/27/19 2:15	(8.0)	(16.5)	0.0	(21.1)	1/27/19 15:15	43.3	3.7	1.3	45.4
1/27/19 2:30	13.2	6.5	(0.0)	18.8	1/27/19 15:30	6.7	(21.4)	(4.2)	(16.3)
1/27/19 2:45	13.1	(2.3)	0.0	12.0	1/27/19 15:45	(16.9)	10.9	(13.0)	(14.2)
1/27/19 3:00	(30.6)	29.0	(0.0)	(6.4)	1/27/19 16:00	19.6	(14.0)	1.2	7.6
1/27/19 3:15	24.8	7.2	0.0	30.4	1/27/19 16:15	21.4	6.4	(3.6)	20.1
1/27/19 3:30	3.4	(4.8)	0.0	3.9	1/27/19 16:30	11.1	(10.6)	13.8	14.3
1/27/19 3:45	(17.6)	13.9	0.0	(8.2)	1/27/19 16:45	15.0	(7.9)	12.1	18.4
1/27/19 4:00	16.1	(8.6)	0.0	12.6	1/27/19 17:00	47.6	(42.0)	9.1	15.2
1/27/19 4:15	3.7	(5.0)	0.0	(6.5)	1/27/19 17:15	58.9	(83.0)	3.3	(21.6)
1/27/19 4:30	(32.4)	(14.7)	(0.0)	(43.7)	1/27/19 17:30	76.8	(20.9)	0.1	56.1
1/27/19 4:45	(12.1)	32.6	(0.0)	26.8	1/27/19 17:45	38.7	(54.5)	0.0	(18.6)
1/27/19 5:00	15.2	(10.7)	0.0	4.8	1/27/19 18:00	7.2	(30.6)	(0.0)	(24.9)
1/27/19 5:15	(15.5)	(8.1)	(0.0)	(22.1)	1/27/19 18:15	(15.5)	(42.4)	0.0	(57.8)
1/27/19 5:30	12.9	(22.5)	(0.0)	(11.4)	1/27/19 18:30	(8.2)	(36.5)	0.0	(44.6)
1/27/19 5:45	32.2	(23.5)	(0.0)	14.3	1/27/19 18:45	(8.0)	(5.5)	(0.0)	(13.1)
1/27/19 6:00	35.5	11.5	(0.0)	46.9	1/27/19 19:00	(9.6)	5.1	(0.0)	(5.2)
1/27/19 6:15	16.8	(6.3)	0.0	11.4	1/27/19 19:15	(18.2)	(1.4)	0.0	(18.9)
1/27/19 6:30	10.3	9.5	0.0	12.7	1/27/19 19:30	(9.0)	(11.2)	0.0	(20.0)
1/27/19 6:45	34.6	(11.2)	(0.0)	23.3	1/27/19 19:45	3.0	77.9	(0.0)	78.5
1/27/19 7:00	14.1	(3.8)	(0.0)	10.6	1/27/19 20:00	(25.7)	20.1	(0.0)	(35.3)
1/27/19 7:15	(22.7)	34.2	(1.3)	10.2	1/27/19 20:15	(20.3)	(52.2)	(0.0)	(72.5)
1/27/19 7:30	32.5	(10.4)	(5.2)	22.4	1/27/19 20:30	14.4	13.8	0.0	28.1
1/27/19 7:45	13.0	4.0	(12.9)	4.4	1/27/19 20:45	(22.7)	(6.1)	(0.0)	(24.8)
1/27/19 8:00	(13.0)	14.9	(4.4)	(5.9)	1/27/19 21:00	(59.7)	73.1	0.0	14.5
1/27/19 8:15	(14.4)	68.3	1.8	64.4	1/27/19 21:15	6.9	(20.6)	(0.0)	(18.3)
1/27/19 8:30	7.5	62.9	(23.4)	47.0	1/27/19 21:30	(44.0)	90.2	0.0	46.2
1/27/19 8:45	(20.5)	80.0	(25.0)	34.5	1/27/19 21:45	(20.5)	31.1	(0.0)	14.3
1/27/19 9:00	(25.6)	71.5	(18.6)	27.3	1/27/19 22:00	(43.1)	78.2	(0.0)	35.1
1/27/19 9:15	(9.5)	26.9	(6.3)	13.6	1/27/19 22:15	(50.0)	12.5	(0.0)	(44.2)
1/27/19 9:30	(15.9)	18.6	(4.0)	(3.8)	1/27/19 22:30	(34.1)	(33.9)	0.0	(68.0)
1/27/19 9:45	16.1	13.3	(0.7)	28.2	1/27/19 22:45	(27.6)	37.9	(0.0)	18.2
1/27/19 10:00	7.9	28.6	1.2	36.1	1/27/19 23:00	(50.0)	50.7	0.0	17.1
1/27/19 10:15	(11.8)	10.7	13.0	19.1	1/27/19 23:15	(30.6)	(8.5)	(0.0)	(39.0)
1/27/19 10:30	(20.7)	(6.7)	3.8	(24.4)	1/27/19 23:30	(2.7)	9.8	0.0	8.4
1/27/19 10:45	19.3	(20.8)	6.6	14.5	1/27/19 23:45	13.0	56.0	(0.0)	66.3
1/27/19 11:00	19.7	(19.7)	2.3	5.8	1/28/19 0:00	46.3	(47.1)	(0.0)	(8.8)
1/27/19 11:15	(26.5)	(36.6)	(8.3)	(69.1)	1/28/19 0:15	7.3	(18.0)	(0.0)	(10.8)
1/27/19 11:30	(7.2)	(25.5)	11.8	(19.0)	1/28/19 0:30	(30.8)	22.8	0.0	(12.9)
1/27/19 11:45	24.0	(71.0)	(3.1)	(48.0)	1/28/19 0:45	15.0	4.3	0.0	18.9
1/27/19 12:00	5.0	(39.6)	4.7	(34.0)	1/28/19 1:00	(12.2)	(2.7)	0.0	(14.0)
1/27/19 12:15	(12.7)	(20.5)	6.9	(20.6)	1/28/19 1:15	(22.2)	4.1	(0.0)	(19.1)
1/27/19 12:30	29.0	(43.8)	(7.6)	(22.4)	1/28/19 1:30	11.1	(3.5)	0.0	9.6
1/27/19 12:45	20.0	(12.8)	(2.8)	10.8	1/28/19 1:45	(2.0)	2.7	(0.0)	2.8
1/27/19 13:00	6.3	(17.1)	9.0	(6.4)	1/28/19 2:00	(22.2)	18.1	0.0	(12.8)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/28/19 2:15	24.0	(9.0)	0.0	20.3	1/28/19 15:15	21.1	(18.6)	6.0	8.5
1/28/19 2:30	11.1	(8.6)	(0.0)	6.1	1/28/19 15:30	(34.8)	21.3	(3.4)	(21.2)
1/28/19 2:45	(14.8)	10.0	(0.0)	(6.9)	1/28/19 15:45	7.7	25.0	(4.3)	19.9
1/28/19 3:00	12.9	11.6	(0.0)	5.1	1/28/19 16:00	19.5	(9.5)	5.6	18.9
1/28/19 3:15	(26.0)	13.2	0.0	(16.1)	1/28/19 16:15	27.0	17.4	15.2	52.7
1/28/19 3:30	(9.8)	11.2	0.0	(6.7)	1/28/19 16:30	28.3	45.5	18.5	92.4
1/28/19 3:45	10.5	(3.4)	(0.0)	(9.9)	1/28/19 16:45	25.4	51.2	17.5	94.2
1/28/19 4:00	28.7	(10.0)	0.0	18.7	1/28/19 17:00	33.2	64.4	10.4	108.1
1/28/19 4:15	14.7	(15.7)	(0.0)	(9.3)	1/28/19 17:15	43.1	72.2	3.9	119.2
1/28/19 4:30	26.9	(24.1)	0.0	4.6	1/28/19 17:30	76.0	59.3	0.3	135.6
1/28/19 4:45	24.4	(103.0)	0.0	(78.6)	1/28/19 17:45	45.8	39.5	0.0	85.3
1/28/19 5:00	33.3	14.6	(0.0)	41.1	1/28/19 18:00	12.8	63.7	0.0	70.7
1/28/19 5:15	43.7	(17.0)	0.0	26.8	1/28/19 18:15	(12.8)	58.0	(0.0)	52.5
1/28/19 5:30	41.5	(36.9)	0.0	7.1	1/28/19 18:30	(29.5)	42.1	(0.0)	13.0
1/28/19 5:45	29.4	(20.3)	0.0	11.3	1/28/19 18:45	(6.3)	61.7	0.0	60.5
1/28/19 6:00	40.4	(33.0)	(0.0)	11.1	1/28/19 19:00	(36.8)	49.5	(0.0)	16.0
1/28/19 6:15	73.4	(115.4)	(0.0)	(42.0)	1/28/19 19:15	(14.6)	35.5	0.0	31.3
1/28/19 6:30	50.6	(21.8)	(0.0)	28.8	1/28/19 19:30	(6.6)	12.1	(0.0)	9.1
1/28/19 6:45	46.1	(3.0)	(0.0)	45.2	1/28/19 19:45	(15.4)	32.0	(0.0)	18.4
1/28/19 7:00	56.7	(1.9)	0.0	56.3	1/28/19 20:00	(23.7)	34.4	0.0	19.8
1/28/19 7:15	21.9	(10.5)	0.1	16.1	1/28/19 20:15	10.6	24.6	(0.0)	25.9
1/28/19 7:30	(23.3)	(33.1)	(1.9)	(54.1)	1/28/19 20:30	(27.4)	11.3	0.0	(16.4)
1/28/19 7:45	21.4	(27.4)	(5.0)	(15.3)	1/28/19 20:45	(39.7)	(17.8)	0.0	(56.1)
1/28/19 8:00	16.9	(17.6)	(7.6)	(11.0)	1/28/19 21:00	(22.3)	(28.5)	0.0	(48.7)
1/28/19 8:15	15.8	(17.5)	(10.7)	(23.1)	1/28/19 21:15	(28.5)	(16.8)	0.0	(45.2)
1/28/19 8:30	38.5	(4.4)	(10.5)	24.0	1/28/19 21:30	(48.0)	(21.9)	(0.0)	(66.1)
1/28/19 8:45	11.1	6.0	(3.3)	13.3	1/28/19 21:45	17.4	(45.2)	(0.0)	(31.6)
1/28/19 9:00	(17.1)	2.5	(4.7)	(17.5)	1/28/19 22:00	(32.6)	(51.3)	(0.0)	(83.9)
1/28/19 9:15	29.2	8.6	(8.8)	28.5	1/28/19 22:15	(66.6)	(27.2)	(0.0)	(93.9)
1/28/19 9:30	10.9	(5.3)	(1.6)	7.6	1/28/19 22:30	(43.0)	5.0	0.0	(41.0)
1/28/19 9:45	(25.8)	2.4	(1.2)	(28.0)	1/28/19 22:45	(34.8)	23.9	0.0	(11.0)
1/28/19 10:00	9.8	4.4	(2.4)	11.7	1/28/19 23:00	(21.0)	(7.7)	(0.0)	(18.3)
1/28/19 10:15	14.0	(5.0)	(1.7)	11.2	1/28/19 23:15	14.5	(66.8)	0.0	(57.3)
1/28/19 10:30	2.6	(2.9)	(0.5)	(3.1)	1/28/19 23:30	15.3	(95.1)	(0.0)	(85.8)
1/28/19 10:45	(7.6)	9.1	(11.1)	(9.4)	1/28/19 23:45	(18.0)	(93.6)	(0.0)	(108.1)
1/28/19 11:00	24.4	9.5	(13.0)	21.5	1/29/19 0:00	6.1	(74.8)	(0.0)	(70.5)
1/28/19 11:15	(20.0)	13.8	1.6	(6.0)	1/29/19 0:15	17.8	(51.2)	(0.0)	(33.4)
1/28/19 11:30	(23.7)	36.3	(1.6)	11.5	1/29/19 0:30	(24.4)	(26.4)	0.0	(47.8)
1/28/19 11:45	16.8	34.9	4.5	52.9	1/29/19 0:45	(11.1)	34.8	0.0	25.1
1/28/19 12:00	(8.4)	(2.7)	(7.9)	(17.8)	1/29/19 1:00	14.0	8.7	0.0	6.7
1/28/19 12:15	(35.3)	(4.7)	(3.4)	(42.9)	1/29/19 1:15	13.2	(32.7)	(0.0)	(22.9)
1/28/19 12:30	(19.3)	57.3	(7.9)	45.4	1/29/19 1:30	(24.4)	(2.8)	(0.0)	(25.1)
1/28/19 12:45	10.9	12.0	13.4	28.4	1/29/19 1:45	18.3	14.0	(0.0)	30.7
1/28/19 13:00	(17.5)	(21.5)	(5.3)	(42.8)	1/29/19 2:00	9.3	13.2	0.0	21.3
1/28/19 13:15	(44.9)	(20.6)	(3.2)	(65.6)	1/29/19 2:15	(24.7)	16.6	(0.0)	(15.3)
1/28/19 13:30	10.2	14.7	(6.4)	18.3	1/29/19 2:30	19.5	32.4	(0.0)	49.4
1/28/19 13:45	(12.7)	68.7	1.3	57.5	1/29/19 2:45	8.4	30.2	0.0	38.6
1/28/19 14:00	(40.8)	37.3	11.7	21.5	1/29/19 3:00	(15.7)	24.5	(0.0)	19.6
1/28/19 14:15	9.7	(29.5)	8.2	(31.7)	1/29/19 3:15	14.1	35.6	(0.0)	45.0
1/28/19 14:30	(9.9)	26.1	3.4	21.7	1/29/19 3:30	11.2	52.5	0.0	63.7
1/28/19 14:45	(47.7)	41.4	1.1	(8.7)	1/29/19 3:45	(13.3)	50.0	0.0	39.2
1/28/19 15:00	30.4	6.1	3.5	33.8	1/29/19 4:00	9.0	48.4	0.0	51.1

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/29/19 4:15	15.9	27.2	0.0	43.1	1/29/19 17:15	(14.8)	(9.9)	2.1	(20.8)
1/29/19 4:30	19.8	57.4	(0.0)	71.2	1/29/19 17:30	97.8	5.3	0.3	103.1
1/29/19 4:45	19.4	47.2	(0.0)	62.4	1/29/19 17:45	56.8	(27.5)	(0.0)	29.3
1/29/19 5:00	32.3	45.6	(0.0)	77.9	1/29/19 18:00	(14.6)	(12.0)	(0.0)	(11.6)
1/29/19 5:15	20.8	25.3	(0.0)	43.7	1/29/19 18:15	(12.8)	22.7	0.0	16.0
1/29/19 5:30	22.9	24.5	0.0	46.9	1/29/19 18:30	7.8	28.0	0.0	35.9
1/29/19 5:45	12.7	11.4	0.0	18.0	1/29/19 18:45	(29.7)	20.1	0.0	(13.4)
1/29/19 6:00	45.6	(14.7)	0.0	33.6	1/29/19 19:00	(9.2)	12.1	(0.0)	12.9
1/29/19 6:15	34.0	(10.4)	0.0	23.7	1/29/19 19:15	(6.5)	20.8	0.0	17.8
1/29/19 6:30	34.1	14.6	(0.0)	48.7	1/29/19 19:30	(24.8)	59.0	(0.0)	34.2
1/29/19 6:45	33.1	18.9	0.0	51.7	1/29/19 19:45	11.0	49.0	(0.0)	53.6
1/29/19 7:00	16.1	6.5	(0.0)	21.1	1/29/19 20:00	(2.1)	42.5	0.0	41.2
1/29/19 7:15	7.2	(4.9)	(0.8)	5.2	1/29/19 20:15	(36.6)	42.0	0.0	6.5
1/29/19 7:30	(7.6)	(4.2)	(2.4)	(11.9)	1/29/19 20:30	9.2	57.1	0.0	58.2
1/29/19 7:45	(13.9)	(13.8)	(2.5)	(29.0)	1/29/19 20:45	(42.5)	31.9	0.0	(15.9)
1/29/19 8:00	7.8	6.7	(5.9)	8.0	1/29/19 21:00	(20.2)	20.0	(0.0)	18.6
1/29/19 8:15	(10.6)	20.7	(31.3)	(16.5)	1/29/19 21:15	(34.4)	13.4	(0.0)	(21.8)
1/29/19 8:30	(21.6)	27.5	(15.7)	(15.6)	1/29/19 21:30	(24.6)	8.1	0.0	(17.8)
1/29/19 8:45	(8.9)	8.8	(17.0)	(23.3)	1/29/19 21:45	(45.1)	(4.5)	(0.0)	(47.8)
1/29/19 9:00	8.2	(6.2)	(13.6)	(11.7)	1/29/19 22:00	(44.0)	(22.6)	(0.0)	(66.6)
1/29/19 9:15	(9.8)	(24.7)	10.7	(22.1)	1/29/19 22:15	(24.6)	(30.6)	(0.0)	(54.3)
1/29/19 9:30	14.7	(35.3)	(0.6)	(21.8)	1/29/19 22:30	(50.0)	(18.0)	(0.0)	(68.0)
1/29/19 9:45	(8.9)	(3.9)	(5.4)	(16.1)	1/29/19 22:45	(25.8)	(25.7)	0.0	(51.5)
1/29/19 10:00	(33.5)	(6.7)	(8.8)	(44.2)	1/29/19 23:00	(21.0)	(41.9)	(0.0)	(62.9)
1/29/19 10:15	40.3	(7.6)	(7.0)	32.0	1/29/19 23:15	(36.0)	(27.1)	0.0	(63.1)
1/29/19 10:30	(30.9)	(26.0)	9.9	(47.0)	1/29/19 23:30	20.1	(22.8)	(0.0)	(9.3)
1/29/19 10:45	(19.5)	(14.7)	(14.8)	(37.4)	1/29/19 23:45	(9.9)	(45.0)	(0.0)	(54.9)
1/29/19 11:00	(29.8)	(17.6)	2.6	(42.3)	1/30/19 0:00	(29.6)	(33.6)	0.0	(62.2)
1/29/19 11:15	13.0	(3.6)	4.7	15.9	1/30/19 0:15	20.8	(9.4)	0.0	16.8
1/29/19 11:30	(6.1)	(27.4)	2.4	(31.1)	1/30/19 0:30	(6.9)	(24.9)	0.0	(31.6)
1/29/19 11:45	(26.3)	(22.5)	1.9	(47.7)	1/30/19 0:45	(24.8)	9.1	0.0	(18.2)
1/29/19 12:00	35.9	(17.3)	(3.3)	(33.3)	1/30/19 1:00	11.0	27.0	(0.0)	31.9
1/29/19 12:15	34.3	13.8	3.1	45.6	1/30/19 1:15	(11.1)	15.7	0.0	7.8
1/29/19 12:30	(16.0)	9.6	9.1	8.2	1/30/19 1:30	19.9	(11.6)	0.0	15.3
1/29/19 12:45	(21.3)	2.3	(7.0)	(27.5)	1/30/19 1:45	12.5	(24.3)	(0.0)	(16.9)
1/29/19 13:00	10.4	5.9	2.7	14.2	1/30/19 2:00	4.6	(60.3)	0.0	(56.0)
1/29/19 13:15	(5.3)	5.8	(9.0)	(8.8)	1/30/19 2:15	(23.4)	(86.0)	(0.0)	(108.9)
1/29/19 13:30	(13.5)	(6.4)	4.4	(17.3)	1/30/19 2:30	3.8	(109.2)	0.0	(109.2)
1/29/19 13:45	9.6	(1.5)	13.6	18.6	1/30/19 2:45	4.0	(72.0)	(0.0)	(68.1)
1/29/19 14:00	(8.8)	(14.3)	(5.9)	(24.3)	1/30/19 3:00	9.4	(67.0)	(0.0)	(58.2)
1/29/19 14:15	(21.1)	(7.5)	(11.4)	(39.1)	1/30/19 3:15	8.6	(33.6)	0.0	(25.0)
1/29/19 14:30	13.5	(6.9)	3.5	12.3	1/30/19 3:30	1.9	(13.7)	(0.0)	(12.8)
1/29/19 14:45	2.8	(7.2)	(7.0)	(13.9)	1/30/19 3:45	12.4	(20.2)	0.0	(7.8)
1/29/19 15:00	(17.8)	(2.0)	(6.9)	(25.7)	1/30/19 4:00	17.9	(8.4)	0.0	10.2
1/29/19 15:15	21.2	2.1	2.9	25.3	1/30/19 4:15	25.4	(18.9)	(0.0)	8.4
1/29/19 15:30	4.2	6.9	10.4	21.4	1/30/19 4:30	19.2	(8.1)	0.0	12.8
1/29/19 15:45	(20.0)	3.8	26.9	13.7	1/30/19 4:45	25.5	15.6	(0.0)	41.2
1/29/19 16:00	44.2	14.5	19.5	78.3	1/30/19 5:00	28.6	54.3	0.0	82.9
1/29/19 16:15	5.0	15.7	9.5	26.7	1/30/19 5:15	34.4	32.6	(0.0)	66.9
1/29/19 16:30	(13.5)	32.0	9.4	40.7	1/30/19 5:30	31.9	15.4	(0.0)	47.3
1/29/19 16:45	36.5	18.7	10.5	65.6	1/30/19 5:45	40.7	20.9	(0.0)	61.6
1/29/19 17:00	(14.4)	4.5	5.7	16.2	1/30/19 6:00	50.4	34.0	(0.0)	84.4

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/30/19 6:15	45.1	32.3	(0.0)	77.4	1/30/19 19:15	10.4	(10.8)	0.0	(3.8)
1/30/19 6:30	19.6	14.2	(0.0)	33.8	1/30/19 19:30	(5.8)	(3.6)	(0.0)	(8.8)
1/30/19 6:45	37.3	5.9	0.0	39.5	1/30/19 19:45	(8.5)	(18.5)	0.0	(27.0)
1/30/19 7:00	18.6	(7.4)	0.0	12.0	1/30/19 20:00	(22.7)	(8.4)	(0.0)	(30.5)
1/30/19 7:15	(48.1)	4.0	(0.9)	(45.5)	1/30/19 20:15	(26.8)	(22.0)	0.0	(48.7)
1/30/19 7:30	(3.4)	10.6	(4.1)	6.0	1/30/19 20:30	(7.3)	(40.2)	(0.0)	(47.2)
1/30/19 7:45	(8.6)	9.4	(10.2)	(12.1)	1/30/19 20:45	(25.3)	(41.3)	0.0	(66.5)
1/30/19 8:00	(12.9)	(2.6)	(11.6)	(26.7)	1/30/19 21:00	(28.8)	(3.2)	0.0	(31.6)
1/30/19 8:15	8.6	22.5	(11.7)	18.9	1/30/19 21:15	(21.3)	18.8	0.0	(3.3)
1/30/19 8:30	(20.6)	38.5	(14.4)	3.5	1/30/19 21:30	(33.0)	23.8	(0.0)	(9.3)
1/30/19 8:45	(25.9)	27.8	(17.1)	(15.3)	1/30/19 21:45	(44.6)	35.9	0.0	(10.1)
1/30/19 9:00	(11.5)	44.4	(13.2)	25.2	1/30/19 22:00	(40.3)	27.9	(0.0)	(13.1)
1/30/19 9:15	10.2	45.8	(8.3)	43.0	1/30/19 22:15	(25.7)	23.4	(0.0)	(7.6)
1/30/19 9:30	(19.8)	36.6	(6.5)	10.6	1/30/19 22:30	(39.5)	16.8	0.0	(23.0)
1/30/19 9:45	(26.3)	29.5	(2.8)	1.5	1/30/19 22:45	(33.9)	47.8	(0.0)	13.9
1/30/19 10:00	(29.7)	(5.1)	(1.0)	(31.5)	1/30/19 23:00	(37.9)	47.0	(0.0)	14.1
1/30/19 10:15	(15.0)	(8.9)	(0.3)	(24.2)	1/30/19 23:15	(40.0)	5.4	0.0	(34.6)
1/30/19 10:30	(12.8)	14.8	0.5	7.0	1/30/19 23:30	(23.2)	8.0	(0.0)	(17.4)
1/30/19 10:45	(21.6)	39.5	1.6	19.6	1/30/19 23:45	(21.3)	(15.1)	(0.0)	(36.4)
1/30/19 11:00	(19.1)	25.6	1.4	8.3	1/31/19 0:00	(14.9)	5.1	0.0	(13.0)
1/30/19 11:15	(13.3)	5.7	1.6	(6.3)	1/31/19 0:15	15.3	(3.0)	(0.0)	14.4
1/30/19 11:30	3.4	(47.1)	1.7	(42.5)	1/31/19 0:30	(19.8)	(20.9)	0.0	(40.7)
1/30/19 11:45	13.3	(61.1)	0.6	(47.6)	1/31/19 0:45	58.2	(25.6)	0.0	32.6
1/30/19 12:00	(3.4)	(12.3)	1.7	(11.5)	1/31/19 1:00	(5.5)	(28.1)	0.0	(32.5)
1/30/19 12:15	(1.9)	(1.9)	(1.1)	(2.8)	1/31/19 1:15	(2.7)	(3.0)	0.0	(3.3)
1/30/19 12:30	(9.2)	2.4	2.0	(6.1)	1/31/19 1:30	(11.0)	(6.3)	0.0	(16.4)
1/30/19 12:45	(6.2)	12.1	(0.8)	7.0	1/31/19 1:45	(1.3)	6.3	(0.0)	7.0
1/30/19 13:00	(11.8)	(1.1)	(2.7)	(15.1)	1/31/19 2:00	1.8	(22.5)	(0.0)	(21.3)
1/30/19 13:15	1.9	11.2	(1.0)	11.8	1/31/19 2:15	2.7	(58.7)	(0.0)	(57.6)
1/30/19 13:30	(2.2)	14.1	(1.0)	10.8	1/31/19 2:30	(9.7)	(60.5)	0.0	(70.1)
1/30/19 13:45	(2.1)	3.3	(1.0)	1.9	1/31/19 2:45	2.4	(39.7)	0.0	(38.4)
1/30/19 14:00	2.8	21.2	(1.7)	22.4	1/31/19 3:00	3.9	(39.5)	0.0	(35.8)
1/30/19 14:15	13.9	16.6	(1.6)	28.9	1/31/19 3:15	8.2	(13.3)	(0.0)	(8.1)
1/30/19 14:30	(4.5)	(1.2)	(2.3)	(7.6)	1/31/19 3:30	4.5	23.3	(0.0)	27.8
1/30/19 14:45	3.7	(3.8)	10.0	11.0	1/31/19 3:45	13.8	(3.8)	(0.0)	12.9
1/30/19 15:00	9.8	11.8	9.2	29.5	1/31/19 4:00	23.0	(23.0)	0.0	(4.0)
1/30/19 15:15	2.9	9.0	(2.4)	9.0	1/31/19 4:15	38.9	(21.4)	(0.0)	17.5
1/30/19 15:30	3.9	4.1	(2.5)	7.2	1/31/19 4:30	17.9	(13.7)	0.0	4.2
1/30/19 15:45	11.2	(5.5)	2.8	9.9	1/31/19 4:45	22.2	(20.4)	(0.0)	1.8
1/30/19 16:00	4.8	14.6	15.3	30.7	1/31/19 5:00	32.1	(11.5)	(0.0)	20.6
1/30/19 16:15	(9.8)	(31.6)	14.3	(24.4)	1/31/19 5:15	24.8	(20.6)	0.0	4.2
1/30/19 16:30	16.1	13.3	19.7	42.3	1/31/19 5:30	34.4	(6.7)	(0.0)	27.7
1/30/19 16:45	21.3	37.9	19.2	78.3	1/31/19 5:45	33.5	1.1	(0.0)	34.0
1/30/19 17:00	8.2	(18.0)	13.6	4.9	1/31/19 6:00	30.4	(4.8)	0.0	25.8
1/30/19 17:15	25.1	(9.0)	5.1	21.3	1/31/19 6:15	7.4	(1.0)	0.0	6.9
1/30/19 17:30	71.1	3.2	0.7	73.7	1/31/19 6:30	36.1	1.4	(0.0)	37.4
1/30/19 17:45	60.0	6.6	0.1	66.6	1/31/19 6:45	45.8	4.1	(0.0)	49.9
1/30/19 18:00	14.4	9.5	(0.0)	23.7	1/31/19 7:00	20.0	31.3	0.0	50.9
1/30/19 18:15	(3.7)	(27.3)	(0.0)	(27.7)	1/31/19 7:15	(11.5)	10.7	(1.0)	(15.6)
1/30/19 18:30	(4.3)	(3.2)	0.0	(7.5)	1/31/19 7:30	(5.0)	(25.6)	(5.4)	(35.8)
1/30/19 18:45	(14.6)	(20.5)	(0.0)	(35.1)	1/31/19 7:45	(9.2)	13.9	(14.1)	(9.8)
1/30/19 19:00	(9.2)	(23.9)	0.0	(32.1)	1/31/19 8:00	(10.2)	23.0	(17.6)	(4.8)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
1/31/19 8:15	(20.9)	7.4	(20.2)	(33.7)	1/31/19 21:15	(32.5)	(6.3)	0.0	(38.8)
1/31/19 8:30	(23.4)	29.8	(19.6)	(13.1)	1/31/19 21:30	(30.0)	(3.3)	0.0	(33.3)
1/31/19 8:45	(12.9)	47.7	(15.5)	19.5	1/31/19 21:45	(31.0)	(63.8)	0.0	(94.8)
1/31/19 9:00	(12.4)	58.4	(10.5)	35.5	1/31/19 22:00	(36.0)	(79.1)	(0.0)	(115.1)
1/31/19 9:15	(15.1)	64.0	(9.9)	39.1	1/31/19 22:15	12.2	(50.3)	(0.0)	(49.1)
1/31/19 9:30	(14.2)	24.6	(1.7)	11.8	1/31/19 22:30	(18.5)	(58.6)	(0.0)	(71.9)
1/31/19 9:45	(17.4)	(5.2)	(1.5)	(23.8)	1/31/19 22:45	(17.8)	(46.5)	(0.0)	(61.4)
1/31/19 10:00	(11.2)	16.8	(0.6)	8.8	1/31/19 23:00	8.3	(23.9)	0.0	(21.6)
1/31/19 10:15	(13.3)	30.6	0.9	18.1	1/31/19 23:15	(9.2)	(6.1)	(0.0)	(14.5)
1/31/19 10:30	(13.2)	22.3	1.8	10.9	1/31/19 23:30	(22.4)	2.4	(0.0)	(21.2)
1/31/19 10:45	(21.5)	11.0	1.9	(8.8)	1/31/19 23:45	(22.3)	9.1	0.1	(14.7)
1/31/19 11:00	(11.3)	3.7	0.4	(9.4)	2/1/19 0:00	(19.2)	(23.2)	0.0	(41.4)
1/31/19 11:15	(21.5)	(20.1)	2.3	(39.3)	2/1/19 0:15	11.8	(5.4)	(0.0)	8.0
1/31/19 11:30	(6.8)	(21.2)	0.2	(27.7)	2/1/19 0:30	(44.7)	13.1	0.1	(33.1)
1/31/19 11:45	(8.2)	(32.5)	0.9	(39.7)	2/1/19 0:45	(15.9)	27.9	0.0	15.3
1/31/19 12:00	(11.3)	(26.1)	0.7	(35.8)	2/1/19 1:00	18.2	(11.1)	(0.0)	11.9
1/31/19 12:15	6.8	3.8	0.5	10.4	2/1/19 1:15	17.1	28.9	(0.0)	36.1
1/31/19 12:30	(11.1)	7.9	0.2	(3.0)	2/1/19 1:30	(32.7)	31.0	0.0	(6.2)
1/31/19 12:45	(5.2)	(3.4)	(0.6)	(8.6)	2/1/19 1:45	10.3	17.9	(0.0)	26.3
1/31/19 13:00	(6.7)	31.7	(0.5)	24.5	2/1/19 2:00	(17.8)	42.5	0.0	33.7
1/31/19 13:15	(7.7)	21.0	7.3	20.4	2/1/19 2:15	22.1	52.4	0.0	72.5
1/31/19 13:30	(4.1)	11.3	5.3	12.0	2/1/19 2:30	(9.9)	51.5	0.0	42.3
1/31/19 13:45	(4.2)	17.5	(0.5)	12.9	2/1/19 2:45	(22.4)	50.8	0.0	29.1
1/31/19 14:00	2.1	10.6	(0.7)	11.2	2/1/19 3:00	18.7	41.4	0.0	58.1
1/31/19 14:15	(5.2)	(4.3)	2.8	(9.1)	2/1/19 3:15	(10.5)	49.5	0.0	39.4
1/31/19 14:30	(1.0)	(15.1)	(3.2)	(18.3)	2/1/19 3:30	(14.8)	49.8	(0.0)	37.3
1/31/19 14:45	1.5	17.1	(0.1)	18.5	2/1/19 3:45	(20.7)	30.2	(0.0)	16.8
1/31/19 15:00	8.8	34.6	0.7	44.0	2/1/19 4:00	28.2	36.2	(0.0)	64.4
1/31/19 15:15	6.5	24.0	3.8	34.2	2/1/19 4:15	20.7	49.7	0.0	70.4
1/31/19 15:30	5.1	29.5	(10.7)	25.3	2/1/19 4:30	14.7	30.3	(0.0)	34.7
1/31/19 15:45	14.3	20.9	12.1	47.3	2/1/19 4:45	15.9	14.5	0.0	25.6
1/31/19 16:00	5.4	17.7	17.8	40.8	2/1/19 5:00	14.2	16.7	0.0	23.0
1/31/19 16:15	15.8	18.3	20.0	54.0	2/1/19 5:15	52.0	14.1	(0.0)	66.0
1/31/19 16:30	33.3	12.4	20.3	66.0	2/1/19 5:30	39.0	12.6	0.0	51.6
1/31/19 16:45	30.2	13.0	17.3	60.5	2/1/19 5:45	15.6	11.8	0.0	27.3
1/31/19 17:00	30.7	(2.9)	13.2	43.1	2/1/19 6:00	61.6	3.7	0.0	65.3
1/31/19 17:15	39.5	(10.1)	5.0	34.5	2/1/19 6:15	37.5	4.0	0.0	41.5
1/31/19 17:30	59.7	(14.1)	0.7	46.3	2/1/19 6:30	25.0	(2.8)	0.0	22.8
1/31/19 17:45	57.8	(17.8)	(0.0)	40.0	2/1/19 6:45	60.3	(4.1)	(0.0)	56.7
1/31/19 18:00	17.2	(12.3)	(0.0)	9.9	2/1/19 7:00	26.5	12.1	0.0	38.7
1/31/19 18:15	(10.1)	(10.1)	0.0	(19.5)	2/1/19 7:15	(21.9)	8.7	(1.4)	(16.6)
1/31/19 18:30	(4.4)	(1.3)	0.0	(5.5)	2/1/19 7:30	12.6	5.2	(7.8)	11.8
1/31/19 18:45	(1.7)	(16.0)	0.0	(17.7)	2/1/19 7:45	(11.6)	4.0	(16.1)	(23.7)
1/31/19 19:00	(9.2)	(21.9)	0.0	(31.1)	2/1/19 8:00	(36.9)	5.7	(18.4)	(49.6)
1/31/19 19:15	(5.0)	(21.9)	0.0	(27.0)	2/1/19 8:15	17.8	15.8	(22.1)	14.0
1/31/19 19:30	(8.6)	(19.5)	0.0	(28.1)	2/1/19 8:30	(16.5)	10.5	(22.6)	(28.6)
1/31/19 19:45	(12.1)	(18.9)	0.0	(31.0)	2/1/19 8:45	(47.7)	3.8	(13.3)	(57.2)
1/31/19 20:00	(18.6)	(16.9)	0.0	(35.5)	2/1/19 9:00	18.3	6.9	(13.5)	14.4
1/31/19 20:15	(33.2)	(17.7)	0.0	(50.9)	2/1/19 9:15	(9.8)	8.6	5.7	9.4
1/31/19 20:30	(13.9)	(22.9)	(0.0)	(36.8)	2/1/19 9:30	(33.0)	2.4	(7.1)	(33.9)
1/31/19 20:45	(19.3)	(19.9)	0.0	(39.2)	2/1/19 9:45	12.0	(2.5)	(3.8)	(7.1)
1/31/19 21:00	(26.7)	(25.5)	0.0	(52.2)	2/1/19 10:00	(8.0)	(2.1)	1.1	(9.1)

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	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/1/19 10:15	(24.5)	2.3	1.1	(22.2)	2/1/19 23:15	(49.6)	10.4	0.0	(39.2)
2/1/19 10:30	10.5	5.1	1.7	14.1	2/1/19 23:30	(28.9)	2.2	0.0	(26.7)
2/1/19 10:45	(6.0)	(1.0)	1.7	(4.3)	2/1/19 23:45	12.0	9.9	0.0	18.6
2/1/19 11:00	(36.3)	(4.0)	1.4	(38.9)	2/2/19 0:00	(18.9)	25.7	0.0	6.9
2/1/19 11:15	(28.7)	(5.2)	4.0	(29.9)	2/2/19 0:15	(27.9)	38.1	0.0	14.1
2/1/19 11:30	(13.5)	(5.9)	(1.8)	(20.6)	2/2/19 0:30	(11.0)	46.4	(0.0)	46.0
2/1/19 11:45	15.7	(5.3)	1.1	11.8	2/2/19 0:45	(3.7)	36.9	0.0	36.3
2/1/19 12:00	4.8	(12.1)	0.7	(10.8)	2/2/19 1:00	(29.5)	40.6	(0.0)	11.1
2/1/19 12:15	(16.8)	(15.8)	0.2	(32.4)	2/2/19 1:15	(8.8)	42.6	0.0	38.1
2/1/19 12:30	(13.1)	(19.0)	(0.2)	(28.3)	2/2/19 1:30	14.2	12.7	0.0	26.7
2/1/19 12:45	(26.5)	(23.3)	(0.4)	(46.7)	2/2/19 1:45	(29.1)	13.3	0.0	(18.9)
2/1/19 13:00	22.1	(18.6)	(0.9)	11.0	2/2/19 2:00	16.8	19.1	(0.0)	32.5
2/1/19 13:15	(18.1)	(12.0)	(1.4)	(30.9)	2/2/19 2:15	7.5	20.6	0.0	22.5
2/1/19 13:30	11.4	(8.1)	(1.5)	(7.0)	2/2/19 2:30	(23.4)	29.8	(0.0)	18.8
2/1/19 13:45	3.2	1.2	(1.3)	3.2	2/2/19 2:45	(7.2)	12.7	0.0	8.1
2/1/19 14:00	(32.8)	(6.9)	(1.7)	(40.9)	2/2/19 3:00	(13.7)	11.6	0.0	10.6
2/1/19 14:15	40.6	(18.0)	(1.2)	23.3	2/2/19 3:15	14.5	4.0	0.0	17.8
2/1/19 14:30	9.2	(27.2)	(0.8)	(19.1)	2/2/19 3:30	(12.3)	12.5	0.0	12.0
2/1/19 14:45	(28.9)	(24.8)	(0.4)	(54.0)	2/2/19 3:45	10.3	11.6	0.0	21.9
2/1/19 15:00	45.1	(27.6)	0.3	20.9	2/2/19 4:00	6.3	9.1	0.0	14.6
2/1/19 15:15	9.9	(28.9)	1.2	(24.6)	2/2/19 4:15	13.0	(2.3)	(0.0)	11.6
2/1/19 15:30	(8.8)	(26.8)	6.5	(22.4)	2/2/19 4:30	(5.7)	(3.1)	(0.0)	(4.7)
2/1/19 15:45	(15.7)	(19.7)	11.4	(22.7)	2/2/19 4:45	25.7	(21.0)	0.0	(10.4)
2/1/19 16:00	31.2	(23.2)	17.7	26.4	2/2/19 5:00	15.9	(21.4)	0.0	(23.7)
2/1/19 16:15	12.1	(31.0)	20.7	2.4	2/2/19 5:15	(20.7)	(13.7)	0.1	(28.2)
2/1/19 16:30	(5.5)	(48.8)	20.4	(29.6)	2/2/19 5:30	(14.4)	(22.2)	(0.0)	(31.7)
2/1/19 16:45	50.0	(55.7)	17.8	14.4	2/2/19 5:45	(13.4)	(32.4)	(0.0)	(43.6)
2/1/19 17:00	35.5	(34.7)	14.0	14.8	2/2/19 6:00	18.0	(14.7)	0.0	7.0
2/1/19 17:15	14.6	(33.4)	5.4	(15.0)	2/2/19 6:15	27.9	(16.2)	0.0	13.9
2/1/19 17:30	47.5	(34.8)	1.0	13.6	2/2/19 6:30	64.5	(8.9)	0.0	55.6
2/1/19 17:45	81.4	(38.5)	0.1	43.0	2/2/19 6:45	6.5	8.3	0.0	13.0
2/1/19 18:00	16.4	(16.3)	(0.0)	(6.9)	2/2/19 7:00	26.4	36.7	0.0	60.9
2/1/19 18:15	(23.7)	(14.4)	0.0	(38.0)	2/2/19 7:15	19.1	8.2	(1.3)	24.8
2/1/19 18:30	9.7	(3.3)	0.0	9.9	2/2/19 7:30	(22.9)	(7.4)	(6.1)	(33.8)
2/1/19 18:45	(4.3)	(2.3)	0.0	(5.3)	2/2/19 7:45	26.6	(21.1)	(13.4)	(9.6)
2/1/19 19:00	(40.3)	(6.7)	0.0	(47.0)	2/2/19 8:00	8.7	(25.4)	(17.0)	(34.2)
2/1/19 19:15	14.5	(2.9)	0.0	14.8	2/2/19 8:15	(31.5)	(3.6)	(22.5)	(56.9)
2/1/19 19:30	(9.8)	15.0	0.0	8.9	2/2/19 8:30	(13.0)	(4.9)	(23.1)	(35.2)
2/1/19 19:45	(19.6)	20.0	0.0	7.8	2/2/19 8:45	9.2	11.4	(17.7)	4.7
2/1/19 20:00	(26.0)	19.1	0.0	(14.7)	2/2/19 9:00	2.8	29.7	(9.6)	22.9
2/1/19 20:15	8.8	18.1	0.0	20.1	2/2/19 9:15	(21.4)	17.1	(10.6)	(14.9)
2/1/19 20:30	(3.8)	7.2	0.0	3.8	2/2/19 9:30	(9.5)	14.9	(0.9)	18.0
2/1/19 20:45	(52.8)	3.5	0.0	(49.3)	2/2/19 9:45	4.0	(4.7)	0.3	(3.2)
2/1/19 21:00	13.9	3.2	0.0	16.0	2/2/19 10:00	(18.7)	(2.5)	1.4	(19.8)
2/1/19 21:15	8.6	5.7	0.0	9.4	2/2/19 10:15	27.8	(8.3)	3.1	26.4
2/1/19 21:30	(12.0)	3.3	0.0	(10.2)	2/2/19 10:30	(12.3)	17.1	4.9	12.5
2/1/19 21:45	10.7	(8.8)	0.0	(9.5)	2/2/19 10:45	(7.0)	33.5	2.9	30.0
2/1/19 22:00	(12.4)	11.2	(0.0)	9.2	2/2/19 11:00	(48.4)	21.1	(3.4)	(30.4)
2/1/19 22:15	(8.1)	10.8	0.0	11.4	2/2/19 11:15	34.2	0.9	3.4	38.3
2/1/19 22:30	(49.9)	5.5	(0.0)	(44.4)	2/2/19 11:30	(7.7)	11.8	7.1	12.4
2/1/19 22:45	(15.5)	22.4	0.0	8.5	2/2/19 11:45	(8.4)	27.5	(6.1)	18.3
2/1/19 23:00	(24.2)	20.7	(0.0)	(6.1)	2/2/19 12:00	(19.4)	15.9	(2.7)	(8.8)

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	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/2/19 12:15	11.3	(15.5)	1.9	(14.1)	2/3/19 1:15	14.1	(41.4)	(0.0)	(28.2)
2/2/19 12:30	(10.0)	5.6	0.6	(5.7)	2/3/19 1:30	(27.0)	14.6	0.0	(15.1)
2/2/19 12:45	(36.1)	16.0	0.1	(22.1)	2/3/19 1:45	16.5	10.5	0.0	23.8
2/2/19 13:00	27.8	14.5	3.6	45.9	2/3/19 2:00	4.1	14.5	0.0	18.7
2/2/19 13:15	5.0	9.8	1.8	14.2	2/3/19 2:15	(18.4)	22.7	(0.0)	7.6
2/2/19 13:30	5.8	1.8	10.5	16.1	2/3/19 2:30	16.5	23.0	(0.0)	39.5
2/2/19 13:45	(25.6)	(2.9)	7.0	(22.7)	2/3/19 2:45	(3.3)	20.7	0.0	17.4
2/2/19 14:00	22.2	2.1	(1.3)	23.6	2/3/19 3:00	(36.9)	(11.8)	0.0	(47.3)
2/2/19 14:15	14.8	(4.0)	(18.8)	(13.0)	2/3/19 3:15	(31.6)	(35.1)	(0.0)	(51.5)
2/2/19 14:30	(10.2)	(5.9)	(14.1)	(27.0)	2/3/19 3:30	20.8	(5.4)	(0.0)	16.2
2/2/19 14:45	10.7	(5.7)	(1.1)	(9.2)	2/3/19 3:45	6.6	(6.9)	0.0	(6.8)
2/2/19 15:00	(9.9)	(5.9)	7.6	(8.1)	2/3/19 4:00	(4.5)	(18.6)	(0.0)	(21.4)
2/2/19 15:15	(13.9)	(1.7)	(5.2)	(20.1)	2/3/19 4:15	16.8	(12.1)	(0.0)	10.4
2/2/19 15:30	(6.1)	4.2	8.8	10.4	2/3/19 4:30	15.9	8.4	0.0	21.8
2/2/19 15:45	33.3	(3.9)	13.0	42.5	2/3/19 4:45	(9.8)	49.9	(0.0)	40.5
2/2/19 16:00	14.2	(4.9)	22.9	29.6	2/3/19 5:00	20.8	46.8	0.0	67.6
2/2/19 16:15	(29.7)	(16.3)	45.4	14.4	2/3/19 5:15	6.7	(4.5)	0.0	6.2
2/2/19 16:30	38.8	(9.5)	19.0	48.2	2/3/19 5:30	(15.9)	18.2	(0.0)	14.5
2/2/19 16:45	31.6	(10.9)	(2.5)	18.3	2/3/19 5:45	31.4	5.2	0.0	32.2
2/2/19 17:00	20.9	(16.5)	2.3	8.8	2/3/19 6:00	19.8	(4.7)	(0.0)	19.5
2/2/19 17:15	59.9	5.6	5.9	70.0	2/3/19 6:15	7.5	29.5	(0.0)	35.0
2/2/19 17:30	28.9	11.1	1.7	41.7	2/3/19 6:30	32.4	19.3	(0.0)	51.0
2/2/19 17:45	25.8	2.2	0.1	27.8	2/3/19 6:45	19.5	12.2	(0.0)	30.3
2/2/19 18:00	(7.6)	7.0	(0.0)	10.2	2/3/19 7:00	(23.2)	12.1	(0.9)	(12.5)
2/2/19 18:15	15.9	8.7	(0.0)	24.6	2/3/19 7:15	19.8	7.2	(0.8)	26.2
2/2/19 18:30	(13.0)	(14.7)	0.0	(27.2)	2/3/19 7:30	10.7	(10.5)	(5.0)	(7.5)
2/2/19 18:45	(43.0)	(19.9)	0.0	(62.9)	2/3/19 7:45	41.8	(29.1)	(4.4)	9.7
2/2/19 19:00	(11.4)	(23.0)	0.0	(34.4)	2/3/19 8:00	20.1	(38.7)	1.6	(17.2)
2/2/19 19:15	7.3	(10.3)	0.0	(9.7)	2/3/19 8:15	(10.9)	(47.5)	(2.1)	(51.4)
2/2/19 19:30	(20.5)	(9.7)	0.0	(29.9)	2/3/19 8:30	14.2	(79.1)	(4.4)	(71.9)
2/2/19 19:45	(18.5)	2.8	0.0	(17.7)	2/3/19 8:45	16.8	(45.7)	(1.3)	(34.2)
2/2/19 20:00	(31.1)	2.1	0.1	(29.0)	2/3/19 9:00	(12.7)	14.2	(4.6)	12.8
2/2/19 20:15	(9.6)	(3.3)	0.0	(12.0)	2/3/19 9:15	20.5	(12.3)	(8.7)	14.0
2/2/19 20:30	(8.8)	(8.4)	(0.0)	(17.3)	2/3/19 9:30	(24.2)	18.2	(29.0)	(40.9)
2/2/19 20:45	(32.4)	(9.8)	0.0	(42.2)	2/3/19 9:45	(15.4)	(27.1)	(8.1)	(49.0)
2/2/19 21:00	24.3	(16.5)	(0.0)	8.4	2/3/19 10:00	18.2	(38.0)	(6.0)	(34.3)
2/2/19 21:15	2.9	12.6	(0.0)	14.7	2/3/19 10:15	7.8	(24.1)	8.6	(15.7)
2/2/19 21:30	(24.5)	7.5	0.0	(19.5)	2/3/19 10:30	(13.0)	(39.4)	(9.2)	(56.1)
2/2/19 21:45	(20.5)	8.2	(0.0)	(15.8)	2/3/19 10:45	(26.6)	(56.5)	8.0	(68.3)
2/2/19 22:00	6.2	(4.9)	(0.0)	(7.0)	2/3/19 11:00	30.2	(69.5)	(8.6)	(45.1)
2/2/19 22:15	(17.4)	0.4	(0.0)	(17.2)	2/3/19 11:15	10.7	(41.0)	(6.8)	(35.6)
2/2/19 22:30	(33.6)	4.1	(0.0)	(31.0)	2/3/19 11:30	(37.4)	(19.0)	(6.4)	(57.0)
2/2/19 22:45	(25.5)	(4.3)	0.0	(29.7)	2/3/19 11:45	37.6	15.3	8.1	52.4
2/2/19 23:00	(20.9)	(17.0)	0.0	(37.0)	2/3/19 12:00	35.2	(16.0)	(16.9)	9.4
2/2/19 23:15	(8.1)	(22.3)	(0.0)	(27.1)	2/3/19 12:15	14.9	(43.3)	(11.1)	(40.6)
2/2/19 23:30	(15.9)	15.9	0.0	6.6	2/3/19 12:30	5.0	(81.4)	17.8	(61.7)
2/2/19 23:45	(18.6)	6.8	(0.0)	(14.0)	2/3/19 12:45	(8.3)	39.0	8.7	43.5
2/3/19 0:00	(44.1)	(13.3)	0.0	(57.4)	2/3/19 13:00	11.4	33.5	(13.7)	26.1
2/3/19 0:15	(31.3)	(16.0)	(0.0)	(45.6)	2/3/19 13:15	4.0	11.0	5.6	16.4
2/3/19 0:30	(9.8)	12.3	0.0	5.4	2/3/19 13:30	(11.1)	11.0	12.6	15.7
2/3/19 0:45	(28.7)	(32.1)	0.0	(60.8)	2/3/19 13:45	(9.3)	(23.9)	(21.6)	(47.4)
2/3/19 1:00	12.4	(36.2)	0.0	(31.1)	2/3/19 14:00	16.8	(64.5)	(6.0)	(53.4)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/3/19 14:15	(11.1)	(43.5)	4.6	(49.9)	2/4/19 3:15	19.2	3.8	0.0	23.1
2/3/19 14:30	14.0	(39.0)	(8.6)	(37.6)	2/4/19 3:30	8.3	7.8	0.0	16.1
2/3/19 14:45	18.2	33.9	1.3	52.3	2/4/19 3:45	(13.6)	2.1	0.0	(12.4)
2/3/19 15:00	(26.5)	(19.0)	20.7	(24.4)	2/4/19 4:00	33.7	(2.1)	0.0	32.8
2/3/19 15:15	47.4	(19.3)	20.8	48.8	2/4/19 4:15	24.7	(11.4)	0.0	14.5
2/3/19 15:30	19.6	26.5	(32.0)	6.4	2/4/19 4:30	17.4	(1.6)	0.0	16.0
2/3/19 15:45	(18.3)	(23.6)	9.1	(25.7)	2/4/19 4:45	34.3	(24.6)	0.0	14.1
2/3/19 16:00	(17.3)	10.4	15.9	15.0	2/4/19 5:00	47.9	(40.9)	0.0	10.4
2/3/19 16:15	16.7	8.1	18.4	39.6	2/4/19 5:15	34.7	(36.9)	0.0	(16.5)
2/3/19 16:30	44.6	(62.5)	20.2	11.4	2/4/19 5:30	47.2	(58.3)	0.0	(12.9)
2/3/19 16:45	16.2	19.1	18.6	37.4	2/4/19 5:45	47.5	(62.5)	0.0	(15.1)
2/3/19 17:00	(67.3)	110.3	15.1	58.2	2/4/19 6:00	32.9	(62.1)	0.0	(29.2)
2/3/19 17:15	32.6	58.5	6.4	97.5	2/4/19 6:15	63.3	(37.5)	0.0	31.6
2/3/19 17:30	31.4	(16.4)	0.5	21.3	2/4/19 6:30	59.1	(5.4)	0.0	53.7
2/3/19 17:45	39.2	(26.8)	(0.0)	15.2	2/4/19 6:45	34.1	(23.2)	0.0	19.2
2/3/19 18:00	25.1	53.1	(0.0)	76.9	2/4/19 7:00	(13.3)	(24.0)	(0.1)	(29.9)
2/3/19 18:15	(29.2)	60.5	0.0	32.6	2/4/19 7:15	9.0	(33.0)	(1.9)	(26.1)
2/3/19 18:30	7.3	61.3	0.0	68.4	2/4/19 7:30	(11.9)	(15.3)	(6.5)	(33.1)
2/3/19 18:45	(26.4)	26.5	0.0	11.1	2/4/19 7:45	(45.0)	1.2	(15.1)	(59.0)
2/3/19 19:00	(8.0)	25.2	0.0	21.8	2/4/19 8:00	(6.6)	(8.5)	(11.5)	(26.2)
2/3/19 19:15	(20.7)	20.8	0.0	2.1	2/4/19 8:15	11.9	(13.4)	(24.8)	(30.0)
2/3/19 19:30	(45.8)	18.8	0.0	(27.7)	2/4/19 8:30	11.1	(14.1)	(12.1)	(22.0)
2/3/19 19:45	14.7	(12.5)	0.0	(8.7)	2/4/19 8:45	(21.6)	(22.9)	(22.3)	(66.8)
2/3/19 20:00	(14.8)	(14.0)	0.0	(28.7)	2/4/19 9:00	(30.3)	(16.9)	(18.0)	(60.6)
2/3/19 20:15	(12.8)	27.9	(0.0)	15.7	2/4/19 9:15	27.8	(27.5)	4.2	7.9
2/3/19 20:30	45.8	27.7	0.0	71.9	2/4/19 9:30	(11.0)	(38.0)	7.8	(34.8)
2/3/19 20:45	47.8	(10.0)	0.0	40.1	2/4/19 9:45	11.3	(44.2)	(3.3)	(43.6)
2/3/19 21:00	(9.8)	16.3	0.0	9.4	2/4/19 10:00	(3.9)	(25.5)	8.3	(17.3)
2/3/19 21:15	(49.4)	17.5	0.0	(31.9)	2/4/19 10:15	(19.6)	(24.3)	(4.9)	(47.1)
2/3/19 21:30	(23.8)	(25.3)	0.0	(48.4)	2/4/19 10:30	16.3	(28.1)	1.6	(13.4)
2/3/19 21:45	(16.8)	(29.2)	0.0	(44.8)	2/4/19 10:45	9.5	(8.7)	(2.3)	(8.1)
2/3/19 22:00	(32.5)	(47.3)	(0.0)	(78.5)	2/4/19 11:00	(20.3)	(10.8)	15.9	(15.1)
2/3/19 22:15	10.4	17.2	(0.0)	25.5	2/4/19 11:15	(26.5)	(4.4)	(6.3)	(35.1)
2/3/19 22:30	(34.7)	38.0	0.0	5.9	2/4/19 11:30	22.5	(6.4)	3.7	21.0
2/3/19 22:45	(46.9)	9.6	0.0	(37.6)	2/4/19 11:45	(7.6)	(6.8)	4.2	(13.6)
2/3/19 23:00	(17.3)	5.4	(0.0)	(14.3)	2/4/19 12:00	(8.8)	(9.7)	14.9	(5.0)
2/3/19 23:15	(20.8)	12.2	(0.0)	(8.6)	2/4/19 12:15	(28.9)	(19.4)	(6.8)	(53.2)
2/3/19 23:30	(43.9)	11.5	0.0	(32.4)	2/4/19 12:30	11.4	(22.0)	(4.6)	(22.5)
2/3/19 23:45	(15.4)	38.9	(0.0)	26.1	2/4/19 12:45	6.9	(19.4)	1.7	(13.7)
2/4/19 0:00	(18.1)	38.8	0.0	20.7	2/4/19 13:00	(13.1)	(27.2)	(8.3)	(45.5)
2/4/19 0:15	(40.5)	67.6	(0.0)	27.1	2/4/19 13:15	19.6	(18.4)	(13.0)	(14.7)
2/4/19 0:30	(12.7)	38.7	0.0	26.1	2/4/19 13:30	6.1	12.2	(4.7)	13.3
2/4/19 0:45	15.5	6.7	0.0	15.9	2/4/19 13:45	(12.8)	10.9	4.0	18.0
2/4/19 1:00	(6.6)	6.3	0.0	5.0	2/4/19 14:00	(10.7)	18.1	(3.2)	12.9
2/4/19 1:15	(25.8)	11.7	0.0	(19.0)	2/4/19 14:15	4.5	(2.9)	3.3	3.4
2/4/19 1:30	17.4	27.4	0.0	42.9	2/4/19 14:30	6.2	(17.5)	5.0	(8.9)
2/4/19 1:45	0.8	34.0	0.0	34.1	2/4/19 14:45	(20.4)	(12.4)	1.8	(31.6)
2/4/19 2:00	(29.6)	10.6	0.0	(22.1)	2/4/19 15:00	9.1	(10.2)	(4.3)	(4.0)
2/4/19 2:15	24.6	20.5	0.0	44.9	2/4/19 15:15	7.7	(15.7)	43.7	35.9
2/4/19 2:30	2.2	13.5	0.0	14.1	2/4/19 15:30	7.0	(27.7)	3.2	(20.8)
2/4/19 2:45	(31.1)	17.3	0.0	(14.8)	2/4/19 15:45	24.5	(31.0)	(2.6)	(15.5)
2/4/19 3:00	28.3	14.4	0.0	37.2	2/4/19 16:00	33.9	(16.8)	19.1	33.2

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/4/19 16:15	13.4	40.1	(4.8)	48.8	2/5/19 5:15	(15.1)	36.2	0.0	27.9
2/4/19 16:30	19.0	(15.6)	27.3	45.9	2/5/19 5:30	37.2	(10.6)	(0.0)	31.3
2/4/19 16:45	33.7	(12.0)	3.6	28.3	2/5/19 5:45	49.2	2.3	(0.0)	50.7
2/4/19 17:00	44.5	(35.6)	3.9	21.4	2/5/19 6:00	59.4	(5.3)	0.0	54.4
2/4/19 17:15	42.3	(17.6)	3.2	31.0	2/5/19 6:15	31.9	9.2	(0.0)	41.1
2/4/19 17:30	40.8	(22.7)	1.2	23.2	2/5/19 6:30	68.7	4.9	(0.0)	73.6
2/4/19 17:45	63.3	(16.3)	0.1	47.1	2/5/19 6:45	57.0	6.9	(0.0)	63.8
2/4/19 18:00	30.2	10.4	(0.0)	36.9	2/5/19 7:00	29.9	18.7	(0.0)	48.6
2/4/19 18:15	(29.8)	(6.9)	(0.0)	(33.2)	2/5/19 7:15	(8.5)	(9.8)	(0.2)	(15.0)
2/4/19 18:30	15.8	(17.7)	(0.0)	(9.4)	2/5/19 7:30	17.8	(2.6)	(1.8)	14.8
2/4/19 18:45	(7.9)	(39.4)	0.1	(43.5)	2/5/19 7:45	(7.6)	2.5	(4.0)	(10.6)
2/4/19 19:00	(26.7)	(15.1)	(0.0)	(41.4)	2/5/19 8:00	(27.3)	2.3	(17.1)	(44.3)
2/4/19 19:15	(37.2)	25.3	(0.0)	(18.4)	2/5/19 8:15	(11.8)	14.8	(13.1)	(13.0)
2/4/19 19:30	2.0	(4.7)	0.0	(3.9)	2/5/19 8:30	(17.7)	(4.9)	(8.7)	(26.8)
2/4/19 19:45	(9.9)	2.5	(0.0)	(8.9)	2/5/19 8:45	(8.2)	(28.8)	(6.9)	(41.9)
2/4/19 20:00	9.1	3.1	0.0	10.4	2/5/19 9:00	(28.3)	(5.7)	(6.0)	(40.0)
2/4/19 20:15	6.2	5.4	0.0	8.5	2/5/19 9:15	(12.9)	12.4	(3.9)	(7.0)
2/4/19 20:30	(32.5)	(5.6)	(0.0)	(35.5)	2/5/19 9:30	4.8	(33.8)	(1.8)	(34.0)
2/4/19 20:45	(25.2)	26.5	0.0	7.7	2/5/19 9:45	(46.2)	(54.4)	(5.2)	(105.8)
2/4/19 21:00	(24.5)	17.4	(0.0)	(8.6)	2/5/19 10:00	21.7	(22.7)	(6.2)	(20.9)
2/4/19 21:15	(25.1)	16.1	0.0	(9.1)	2/5/19 10:15	(11.7)	(20.2)	(18.8)	(42.3)
2/4/19 21:30	(47.4)	52.5	0.0	13.5	2/5/19 10:30	2.6	(37.2)	(9.9)	(46.1)
2/4/19 21:45	(24.1)	28.6	(0.0)	7.5	2/5/19 10:45	(45.9)	(20.6)	3.2	(63.2)
2/4/19 22:00	(32.0)	29.7	(0.0)	(7.3)	2/5/19 11:00	15.3	(16.4)	0.7	(7.4)
2/4/19 22:15	(49.4)	49.5	(0.0)	2.9	2/5/19 11:15	22.2	(22.7)	1.5	9.7
2/4/19 22:30	(22.6)	33.3	(0.0)	12.0	2/5/19 11:30	19.7	(13.2)	2.0	9.9
2/4/19 22:45	(38.3)	12.3	0.0	(27.5)	2/5/19 11:45	(31.5)	2.7	0.7	(28.8)
2/4/19 23:00	(25.3)	32.2	(0.0)	7.7	2/5/19 12:00	(19.1)	(19.2)	0.8	(26.5)
2/4/19 23:15	(52.2)	42.2	(0.0)	(30.4)	2/5/19 12:15	19.0	(30.0)	(0.6)	(19.6)
2/4/19 23:30	9.6	100.9	0.0	102.6	2/5/19 12:30	4.5	7.4	(0.4)	11.5
2/4/19 23:45	(15.4)	22.4	(0.0)	7.5	2/5/19 12:45	(31.3)	5.7	2.4	(24.8)
2/5/19 0:00	(30.2)	30.9	0.0	4.4	2/5/19 13:00	13.0	14.4	(3.2)	22.5
2/5/19 0:15	10.8	55.3	(0.0)	65.9	2/5/19 13:15	6.9	11.5	1.7	18.8
2/5/19 0:30	(12.3)	49.5	0.0	37.7	2/5/19 13:30	12.5	(16.3)	3.3	(5.4)
2/5/19 0:45	(31.8)	59.9	0.0	34.8	2/5/19 13:45	(31.2)	8.8	(2.7)	(25.8)
2/5/19 1:00	(23.3)	40.0	(0.0)	33.0	2/5/19 14:00	21.1	(29.1)	(2.8)	(17.0)
2/5/19 1:15	(10.2)	59.0	0.0	51.7	2/5/19 14:15	7.1	(25.0)	(3.0)	(21.2)
2/5/19 1:30	5.8	16.4	(0.0)	20.3	2/5/19 14:30	(11.3)	(17.0)	(2.5)	(26.0)
2/5/19 1:45	(16.6)	5.5	(0.0)	(11.2)	2/5/19 14:45	(28.7)	(20.6)	(1.5)	(47.9)
2/5/19 2:00	9.9	25.6	(0.0)	30.3	2/5/19 15:00	11.5	(25.8)	(0.1)	(14.3)
2/5/19 2:15	7.2	18.8	(0.0)	19.2	2/5/19 15:15	8.6	(56.9)	0.3	(48.1)
2/5/19 2:30	1.9	7.0	(0.0)	8.6	2/5/19 15:30	43.4	(23.0)	2.2	23.8
2/5/19 2:45	(18.7)	5.7	0.0	(13.6)	2/5/19 15:45	(31.1)	(9.2)	24.6	(20.6)
2/5/19 3:00	27.6	10.3	(0.0)	37.0	2/5/19 16:00	12.5	(9.5)	30.7	29.4
2/5/19 3:15	19.0	(4.6)	0.0	15.8	2/5/19 16:15	24.9	19.9	5.3	31.3
2/5/19 3:30	(12.9)	1.8	0.0	(14.2)	2/5/19 16:30	53.3	11.3	8.0	66.8
2/5/19 3:45	15.3	11.9	0.0	26.5	2/5/19 16:45	43.1	(28.8)	17.3	31.6
2/5/19 4:00	28.4	3.6	(0.0)	32.0	2/5/19 17:00	(17.1)	(29.6)	15.5	(27.6)
2/5/19 4:15	24.5	11.2	0.0	35.7	2/5/19 17:15	50.6	(16.4)	7.4	41.6
2/5/19 4:30	(12.7)	(5.1)	(0.0)	(16.8)	2/5/19 17:30	68.4	(43.2)	0.7	25.9
2/5/19 4:45	37.6	31.2	0.0	68.8	2/5/19 17:45	43.5	(17.7)	0.0	25.8
2/5/19 5:00	28.9	18.7	(0.0)	47.6	2/5/19 18:00	28.8	6.0	(0.0)	34.7

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/5/19 18:15	3.6	5.7	(0.0)	8.2	2/6/19 7:15	(11.4)	33.0	(1.3)	22.3
2/5/19 18:30	7.1	15.6	(0.0)	22.6	2/6/19 7:30	7.5	46.3	(9.7)	44.1
2/5/19 18:45	(43.7)	(3.9)	(0.0)	(46.5)	2/6/19 7:45	13.9	49.3	(16.8)	46.5
2/5/19 19:00	(10.1)	16.8	0.0	7.2	2/6/19 8:00	12.3	54.1	(13.6)	52.8
2/5/19 19:15	(16.0)	(13.2)	0.0	(28.1)	2/6/19 8:15	21.6	55.4	(12.5)	64.5
2/5/19 19:30	(16.5)	(31.0)	(0.0)	(47.5)	2/6/19 8:30	8.1	32.2	(27.9)	12.4
2/5/19 19:45	(13.4)	(21.7)	0.0	(35.1)	2/6/19 8:45	12.6	25.8	(7.4)	34.0
2/5/19 20:00	(14.9)	11.5	(0.0)	(6.5)	2/6/19 9:00	7.4	8.1	15.2	30.4
2/5/19 20:15	(9.3)	12.0	(0.0)	3.0	2/6/19 9:15	3.5	7.2	(11.8)	(4.1)
2/5/19 20:30	(9.7)	7.7	(0.0)	(3.7)	2/6/19 9:30	8.9	3.7	9.6	18.8
2/5/19 20:45	(13.4)	3.9	(0.0)	(9.4)	2/6/19 9:45	21.0	21.8	(19.3)	24.7
2/5/19 21:00	(27.3)	(6.4)	(0.0)	(33.4)	2/6/19 10:00	21.5	26.3	(8.1)	42.0
2/5/19 21:15	(22.6)	9.2	0.0	(13.4)	2/6/19 10:15	10.0	11.7	3.9	25.6
2/5/19 21:30	(28.7)	4.3	0.0	(24.5)	2/6/19 10:30	(4.3)	(17.1)	14.1	(6.4)
2/5/19 21:45	(19.3)	6.9	0.0	(12.5)	2/6/19 10:45	21.5	(19.9)	20.5	22.1
2/5/19 22:00	(27.9)	13.9	(0.0)	(14.0)	2/6/19 11:00	5.7	(11.4)	3.1	(6.4)
2/5/19 22:15	(35.6)	15.2	(0.0)	(20.5)	2/6/19 11:15	(5.2)	5.2	(11.8)	(15.2)
2/5/19 22:30	(32.6)	(4.0)	(0.0)	(36.7)	2/6/19 11:30	(2.8)	(26.9)	(6.1)	(33.4)
2/5/19 22:45	(30.3)	(24.6)	0.0	(54.3)	2/6/19 11:45	9.0	(42.4)	1.5	(32.8)
2/5/19 23:00	(47.7)	2.4	0.0	(46.7)	2/6/19 12:00	(2.7)	(18.7)	14.5	(6.8)
2/5/19 23:15	(23.2)	(2.1)	0.0	(21.9)	2/6/19 12:15	(5.5)	(26.7)	(13.7)	(43.3)
2/5/19 23:30	26.3	(4.2)	(0.0)	25.8	2/6/19 12:30	(4.6)	(65.2)	(10.8)	(79.1)
2/5/19 23:45	(14.3)	(15.6)	(0.0)	(29.9)	2/6/19 12:45	(2.7)	(26.2)	24.6	(3.3)
2/6/19 0:00	(44.9)	(25.3)	0.0	(70.2)	2/6/19 13:00	(30.9)	(11.6)	(7.7)	(44.5)
2/6/19 0:15	18.7	(8.1)	(0.0)	11.5	2/6/19 13:15	45.6	18.9	(15.0)	51.3
2/6/19 0:30	(13.5)	16.1	0.0	3.5	2/6/19 13:30	(18.3)	(4.8)	(9.6)	(21.4)
2/6/19 0:45	(37.7)	16.0	0.0	(25.8)	2/6/19 13:45	(10.7)	(18.3)	6.9	(27.4)
2/6/19 1:00	20.9	46.1	(0.0)	65.1	2/6/19 14:00	(12.5)	(7.2)	5.9	(16.6)
2/6/19 1:15	(3.2)	9.3	(0.0)	6.3	2/6/19 14:15	(7.7)	(16.1)	(2.3)	(24.8)
2/6/19 1:30	(30.5)	17.8	0.0	(14.9)	2/6/19 14:30	4.8	(26.6)	4.1	(20.5)
2/6/19 1:45	19.6	58.8	(0.0)	73.9	2/6/19 14:45	5.3	(6.7)	(9.9)	(12.5)
2/6/19 2:00	2.3	12.7	0.0	14.7	2/6/19 15:00	7.5	(4.3)	(5.7)	(8.1)
2/6/19 2:15	(18.9)	5.6	0.0	(16.3)	2/6/19 15:15	22.5	4.8	6.5	27.7
2/6/19 2:30	19.5	9.5	(0.0)	28.5	2/6/19 15:30	(21.7)	(30.5)	(4.9)	(46.6)
2/6/19 2:45	14.3	4.1	0.0	18.0	2/6/19 15:45	37.1	63.4	(1.1)	100.2
2/6/19 3:00	9.0	(1.9)	(0.0)	7.6	2/6/19 16:00	(17.8)	17.8	23.5	25.1
2/6/19 3:15	(15.0)	(4.1)	0.0	(16.8)	2/6/19 16:15	(40.1)	52.4	22.5	34.8
2/6/19 3:30	22.9	(98.9)	0.0	(75.9)	2/6/19 16:30	13.9	13.1	18.3	25.3
2/6/19 3:45	18.6	(6.1)	(0.0)	14.8	2/6/19 16:45	53.4	(15.3)	18.2	56.4
2/6/19 4:00	(31.3)	3.1	0.0	(28.3)	2/6/19 17:00	(15.9)	(11.5)	2.5	(21.6)
2/6/19 4:15	13.9	(2.7)	(0.0)	12.5	2/6/19 17:15	53.9	(9.5)	1.4	46.0
2/6/19 4:30	24.4	1.4	(0.0)	25.2	2/6/19 17:30	50.5	4.6	0.7	52.1
2/6/19 4:45	26.2	4.5	(0.0)	30.7	2/6/19 17:45	27.8	45.6	0.1	72.7
2/6/19 5:00	35.2	(0.9)	(0.0)	34.5	2/6/19 18:00	35.9	2.4	(0.0)	36.7
2/6/19 5:15	(21.5)	(6.0)	(0.0)	(27.4)	2/6/19 18:15	10.0	3.5	(0.0)	13.1
2/6/19 5:30	18.5	(2.6)	0.0	16.0	2/6/19 18:30	5.6	9.3	0.0	13.3
2/6/19 5:45	46.1	19.5	0.0	65.6	2/6/19 18:45	(34.6)	4.7	0.0	(35.2)
2/6/19 6:00	48.2	16.3	0.0	64.4	2/6/19 19:00	14.0	23.1	(0.0)	33.7
2/6/19 6:15	58.5	54.6	0.0	113.1	2/6/19 19:15	(12.9)	10.4	(0.0)	(3.8)
2/6/19 6:30	50.6	54.5	0.0	105.1	2/6/19 19:30	(37.4)	(9.5)	(0.0)	(46.9)
2/6/19 6:45	43.4	43.7	(0.0)	87.1	2/6/19 19:45	(9.0)	7.1	0.0	15.8
2/6/19 7:00	15.4	51.2	0.0	62.6	2/6/19 20:00	(14.8)	18.1	0.0	4.9

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/6/19 20:15	(23.6)	4.5	0.0	(23.1)	2/7/19 9:15	23.5	9.6	(17.1)	17.7
2/6/19 20:30	(14.6)	20.2	0.0	17.6	2/7/19 9:30	(31.8)	(2.8)	(3.8)	(38.1)
2/6/19 20:45	(26.0)	22.1	(0.0)	(8.6)	2/7/19 9:45	(10.7)	1.6	(1.3)	(10.4)
2/6/19 21:00	(43.0)	16.4	0.0	(26.6)	2/7/19 10:00	(6.8)	(8.2)	(0.5)	(15.2)
2/6/19 21:15	(32.8)	13.2	(0.0)	(24.8)	2/7/19 10:15	22.5	4.9	1.0	28.3
2/6/19 21:30	(19.4)	33.4	(0.0)	16.9	2/7/19 10:30	(16.7)	8.4	1.2	14.3
2/6/19 21:45	(36.0)	21.1	(0.0)	(15.2)	2/7/19 10:45	(29.4)	11.7	3.0	(19.4)
2/6/19 22:00	(71.3)	8.1	(0.0)	(63.2)	2/7/19 11:00	(6.3)	6.0	3.2	4.1
2/6/19 22:15	(8.8)	3.6	0.0	(9.4)	2/7/19 11:15	(4.7)	(1.7)	6.6	4.3
2/6/19 22:30	(24.6)	(2.2)	(0.0)	(26.6)	2/7/19 11:30	(7.8)	(14.2)	(3.9)	(23.0)
2/6/19 22:45	(59.6)	(5.4)	0.0	(65.1)	2/7/19 11:45	(5.8)	(17.8)	(4.2)	(27.3)
2/6/19 23:00	(10.0)	(11.6)	(0.0)	(16.2)	2/7/19 12:00	(4.9)	5.8	(0.9)	(3.2)
2/6/19 23:15	6.4	(17.2)	(0.0)	(13.0)	2/7/19 12:15	(2.2)	11.3	2.0	12.6
2/6/19 23:30	(35.5)	(17.0)	(0.0)	(52.5)	2/7/19 12:30	(8.3)	13.0	(4.0)	2.6
2/6/19 23:45	(19.8)	(20.4)	0.0	(36.2)	2/7/19 12:45	2.7	1.9	(2.2)	1.3
2/7/19 0:00	6.2	(23.2)	0.0	(23.7)	2/7/19 13:00	22.3	(1.2)	3.7	24.1
2/7/19 0:15	3.5	(21.1)	(0.0)	(21.8)	2/7/19 13:15	(13.9)	(2.6)	(1.9)	(16.9)
2/7/19 0:30	8.8	(24.1)	0.0	(16.5)	2/7/19 13:30	(18.8)	(8.4)	(3.4)	(26.2)
2/7/19 0:45	13.0	(35.4)	0.0	(25.7)	2/7/19 13:45	23.1	(5.7)	4.3	23.2
2/7/19 1:00	2.7	(17.7)	0.0	(15.7)	2/7/19 14:00	3.3	12.1	8.7	22.8
2/7/19 1:15	(21.9)	(12.7)	(0.0)	(34.1)	2/7/19 14:15	(19.0)	13.9	(2.5)	(10.7)
2/7/19 1:30	9.4	(10.0)	0.0	(11.0)	2/7/19 14:30	14.4	24.8	(14.4)	20.4
2/7/19 1:45	4.2	(28.2)	0.0	(25.5)	2/7/19 14:45	(20.0)	18.8	1.5	(9.0)
2/7/19 2:00	(17.3)	(16.4)	0.0	(31.4)	2/7/19 15:00	15.6	11.7	(3.4)	22.9
2/7/19 2:15	12.2	(39.8)	(0.0)	(31.6)	2/7/19 15:15	(32.4)	9.6	(0.9)	(24.9)
2/7/19 2:30	2.6	(17.2)	0.0	(16.4)	2/7/19 15:30	14.5	4.3	3.3	18.8
2/7/19 2:45	(22.5)	14.8	0.0	(12.8)	2/7/19 15:45	2.7	(2.7)	7.0	6.1
2/7/19 3:00	8.5	20.7	(0.0)	27.8	2/7/19 16:00	(14.9)	(5.3)	12.4	(11.6)
2/7/19 3:15	26.1	5.9	0.0	26.4	2/7/19 16:15	14.0	(8.6)	17.6	22.6
2/7/19 3:30	12.4	(16.2)	(0.0)	(7.8)	2/7/19 16:30	20.8	(2.9)	19.4	40.2
2/7/19 3:45	(14.0)	(5.3)	0.0	(15.7)	2/7/19 16:45	(8.0)	10.8	19.4	24.0
2/7/19 4:00	32.8	(6.8)	0.0	26.1	2/7/19 17:00	28.7	13.8	16.6	58.3
2/7/19 4:15	16.6	(3.5)	(0.0)	13.2	2/7/19 17:15	38.4	(6.1)	8.8	41.0
2/7/19 4:30	6.9	5.6	(0.0)	8.7	2/7/19 17:30	65.8	(10.6)	2.8	58.0
2/7/19 4:45	36.0	6.8	(0.0)	42.1	2/7/19 17:45	49.5	(4.6)	0.1	45.0
2/7/19 5:00	25.7	(15.0)	(0.0)	10.7	2/7/19 18:00	51.6	4.5	(0.0)	53.9
2/7/19 5:15	12.7	(5.1)	0.0	8.4	2/7/19 18:15	(15.4)	2.4	(0.0)	(13.4)
2/7/19 5:30	51.4	9.1	0.0	60.5	2/7/19 18:30	(29.1)	(1.8)	0.0	(29.4)
2/7/19 5:45	38.1	16.6	0.0	54.7	2/7/19 18:45	16.4	(6.1)	(0.0)	11.7
2/7/19 6:00	32.1	(16.7)	0.0	22.5	2/7/19 19:00	(8.0)	(22.8)	(0.0)	(30.8)
2/7/19 6:15	17.4	(17.4)	0.0	(8.4)	2/7/19 19:15	(27.5)	(26.9)	(0.0)	(54.3)
2/7/19 6:30	31.6	5.5	(0.0)	37.0	2/7/19 19:30	13.3	(27.2)	(0.0)	(21.8)
2/7/19 6:45	33.2	25.7	(0.0)	56.1	2/7/19 19:45	(4.9)	(3.7)	0.0	(7.3)
2/7/19 7:00	(13.9)	25.7	0.1	12.0	2/7/19 20:00	(34.5)	(12.3)	(0.0)	(46.7)
2/7/19 7:15	6.5	45.7	(0.9)	50.3	2/7/19 20:15	13.7	(27.5)	0.0	(19.6)
2/7/19 7:30	29.4	40.9	(6.5)	63.7	2/7/19 20:30	(9.0)	(50.2)	(0.0)	(59.2)
2/7/19 7:45	(8.9)	34.8	(8.5)	19.2	2/7/19 20:45	(41.9)	(89.7)	0.0	(131.7)
2/7/19 8:00	(18.0)	32.6	(11.8)	11.6	2/7/19 21:00	(15.1)	(90.2)	(0.0)	(104.3)
2/7/19 8:15	9.5	13.3	(13.1)	9.1	2/7/19 21:15	8.7	(68.7)	0.0	(65.4)
2/7/19 8:30	12.4	20.0	(14.2)	18.2	2/7/19 21:30	(29.8)	(60.8)	(0.0)	(88.4)
2/7/19 8:45	(2.8)	23.5	(19.0)	3.3	2/7/19 21:45	(21.1)	(50.5)	0.0	(71.6)
2/7/19 9:00	(19.0)	26.3	(12.4)	(12.0)	2/7/19 22:00	(42.4)	(19.6)	(0.0)	(62.0)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/7/19 22:15	(62.0)	14.8	(0.0)	(47.3)	2/8/19 11:15	(17.2)	(38.5)	(7.3)	(48.4)
2/7/19 22:30	(20.1)	14.0	(0.0)	(9.2)	2/8/19 11:30	(12.5)	(39.0)	1.4	(47.4)
2/7/19 22:45	(31.1)	(28.9)	0.1	(60.0)	2/8/19 11:45	(20.7)	(38.5)	1.3	(58.0)
2/7/19 23:00	(50.6)	(29.2)	0.0	(79.8)	2/8/19 12:00	(47.5)	(38.5)	1.4	(84.6)
2/7/19 23:15	(38.0)	(15.8)	(0.0)	(53.4)	2/8/19 12:15	(26.2)	44.5	2.1	21.3
2/7/19 23:30	11.2	(27.5)	(0.0)	(18.5)	2/8/19 12:30	(22.1)	(29.3)	(3.0)	(50.3)
2/7/19 23:45	(23.8)	21.3	(0.0)	(8.3)	2/8/19 12:45	(13.0)	(40.7)	(0.3)	(53.9)
2/8/19 0:00	(36.5)	23.2	0.0	(29.9)	2/8/19 13:00	22.3	27.4	(0.7)	48.8
2/8/19 0:15	16.8	56.1	0.0	71.0	2/8/19 13:15	(10.5)	19.7	(1.1)	18.5
2/8/19 0:30	(1.9)	(20.3)	(0.0)	(21.7)	2/8/19 13:30	(13.7)	17.1	(1.3)	13.5
2/8/19 0:45	(29.6)	(44.9)	0.0	(74.5)	2/8/19 13:45	16.5	(19.3)	(1.2)	(16.7)
2/8/19 1:00	13.1	3.1	0.0	15.4	2/8/19 14:00	(35.0)	(29.8)	(0.6)	(57.6)
2/8/19 1:15	2.9	(17.9)	(0.0)	(16.5)	2/8/19 14:15	18.4	43.0	(0.7)	54.0
2/8/19 1:30	(18.4)	(23.8)	(0.0)	(42.0)	2/8/19 14:30	3.2	3.2	(0.6)	3.4
2/8/19 1:45	34.0	(8.9)	0.0	25.8	2/8/19 14:45	(20.9)	(3.7)	(0.7)	(25.4)
2/8/19 2:00	40.2	(71.2)	(0.0)	(34.7)	2/8/19 15:00	(27.1)	19.9	(0.2)	16.9
2/8/19 2:15	(21.7)	(12.9)	(0.0)	(26.3)	2/8/19 15:15	13.3	3.1	0.2	15.6
2/8/19 2:30	20.2	46.7	0.0	66.6	2/8/19 15:30	9.5	(17.1)	3.5	(5.1)
2/8/19 2:45	3.5	42.4	0.0	45.1	2/8/19 15:45	(32.8)	(11.8)	7.6	(37.0)
2/8/19 3:00	(17.4)	44.9	0.0	29.3	2/8/19 16:00	25.6	(26.4)	12.1	15.0
2/8/19 3:15	16.4	28.8	(0.0)	44.3	2/8/19 16:15	7.8	(41.6)	17.0	(19.2)
2/8/19 3:30	14.6	29.8	(0.0)	44.4	2/8/19 16:30	9.5	(33.1)	18.9	(11.8)
2/8/19 3:45	(17.7)	48.7	0.0	35.0	2/8/19 16:45	49.0	(22.4)	19.5	46.3
2/8/19 4:00	(14.6)	29.9	(0.0)	24.3	2/8/19 17:00	27.0	(3.6)	16.6	42.7
2/8/19 4:15	37.0	34.0	0.0	70.2	2/8/19 17:15	10.0	9.1	9.0	25.7
2/8/19 4:30	23.1	63.8	0.0	86.9	2/8/19 17:30	65.3	(28.4)	3.1	40.0
2/8/19 4:45	(11.6)	65.8	(0.0)	64.0	2/8/19 17:45	68.9	(53.8)	0.2	15.3
2/8/19 5:00	41.2	21.4	0.0	62.6	2/8/19 18:00	19.0	(36.0)	(0.0)	(32.9)
2/8/19 5:15	29.2	32.6	(0.0)	61.8	2/8/19 18:15	(14.4)	(15.9)	0.0	(23.4)
2/8/19 5:30	20.9	21.1	(0.0)	41.6	2/8/19 18:30	(6.6)	(16.1)	0.0	(19.6)
2/8/19 5:45	9.3	(14.7)	0.0	(13.1)	2/8/19 18:45	(13.6)	(11.3)	(0.0)	(24.9)
2/8/19 6:00	49.1	(4.1)	(0.0)	45.3	2/8/19 19:00	(43.8)	8.8	(0.0)	(35.0)
2/8/19 6:15	32.9	9.6	(0.0)	41.6	2/8/19 19:15	15.1	3.4	0.0	13.7
2/8/19 6:30	23.8	15.2	0.0	34.8	2/8/19 19:30	7.1	(9.2)	0.0	(12.1)
2/8/19 6:45	13.3	(12.2)	(0.1)	(22.0)	2/8/19 19:45	(9.1)	3.5	0.0	(7.8)
2/8/19 7:00	27.5	(10.6)	(0.4)	18.0	2/8/19 20:00	(33.2)	(5.1)	(0.0)	(37.6)
2/8/19 7:15	9.5	(30.3)	(3.1)	(28.6)	2/8/19 20:15	11.8	16.6	(0.0)	25.4
2/8/19 7:30	(4.9)	(23.9)	(9.3)	(38.1)	2/8/19 20:30	(9.1)	12.8	0.0	4.1
2/8/19 7:45	(19.7)	18.4	(9.8)	(13.2)	2/8/19 20:45	(50.8)	10.1	(0.0)	(41.1)
2/8/19 8:00	20.9	(7.8)	(28.7)	(18.2)	2/8/19 21:00	15.3	(2.4)	(0.0)	13.8
2/8/19 8:15	2.3	(36.9)	(19.1)	(54.7)	2/8/19 21:15	(18.0)	11.2	0.0	(6.8)
2/8/19 8:30	(18.3)	(46.0)	(16.8)	(79.2)	2/8/19 21:30	(46.8)	17.5	0.0	(29.3)
2/8/19 8:45	12.7	(85.5)	(13.5)	(95.1)	2/8/19 21:45	(14.1)	25.6	0.0	17.6
2/8/19 9:00	22.2	(70.5)	(6.1)	(54.7)	2/8/19 22:00	(26.3)	34.4	(0.0)	8.8
2/8/19 9:15	12.9	(41.7)	(1.7)	(39.5)	2/8/19 22:15	(44.3)	28.1	(0.0)	(16.2)
2/8/19 9:30	(21.0)	(57.9)	(0.3)	(68.8)	2/8/19 22:30	(11.3)	33.3	(0.0)	22.8
2/8/19 9:45	20.7	(45.5)	1.9	(27.8)	2/8/19 22:45	(24.5)	22.7	0.0	(3.1)
2/8/19 10:00	1.5	(20.7)	2.7	(20.1)	2/8/19 23:00	(59.0)	25.4	(0.0)	(33.7)
2/8/19 10:15	(29.7)	20.9	3.7	(8.6)	2/8/19 23:15	10.2	26.6	(0.0)	33.4
2/8/19 10:30	35.1	21.3	1.6	58.0	2/8/19 23:30	(15.2)	21.1	0.0	7.9
2/8/19 10:45	(25.4)	13.4	5.9	(8.0)	2/8/19 23:45	(30.0)	12.6	(0.0)	(23.1)
2/8/19 11:00	(19.4)	(20.6)	3.0	(37.6)	2/9/19 0:00	(26.3)	(27.7)	(0.0)	(50.9)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/9/19 0:15	(5.0)	14.0	0.0	13.4	2/9/19 13:15	(8.9)	(46.1)	31.7	(23.5)
2/9/19 0:30	(23.6)	15.2	0.0	(14.7)	2/9/19 13:30	32.1	(21.0)	19.0	30.2
2/9/19 0:45	(25.4)	(1.9)	0.0	(25.6)	2/9/19 13:45	(23.2)	(3.8)	2.6	(24.6)
2/9/19 1:00	10.8	3.3	0.0	13.7	2/9/19 14:00	28.5	(1.8)	2.1	28.8
2/9/19 1:15	52.8	8.3	(0.0)	61.1	2/9/19 14:15	17.7	(3.4)	3.0	18.1
2/9/19 1:30	(36.0)	11.7	(0.0)	(30.9)	2/9/19 14:30	8.6	27.5	(7.1)	27.6
2/9/19 1:45	22.2	(32.8)	0.0	(11.3)	2/9/19 14:45	(12.2)	9.8	(17.9)	(21.8)
2/9/19 2:00	(5.7)	7.6	0.0	4.7	2/9/19 15:00	18.7	6.4	14.3	39.4
2/9/19 2:15	(31.9)	(4.1)	(0.0)	(36.0)	2/9/19 15:15	27.7	11.9	3.2	37.7
2/9/19 2:30	16.5	(4.9)	0.0	14.0	2/9/19 15:30	(13.6)	67.0	2.3	54.7
2/9/19 2:45	9.6	8.3	0.0	15.3	2/9/19 15:45	(24.8)	69.1	3.5	52.1
2/9/19 3:00	(2.9)	8.4	0.0	8.5	2/9/19 16:00	(8.8)	8.2	(2.7)	(14.9)
2/9/19 3:15	(27.5)	12.1	(0.0)	(17.6)	2/9/19 16:15	24.9	(9.0)	8.0	26.1
2/9/19 3:30	31.8	15.4	0.0	45.8	2/9/19 16:30	25.6	(39.6)	5.2	(16.7)
2/9/19 3:45	7.6	24.1	0.0	31.8	2/9/19 16:45	18.5	(96.7)	3.8	(78.0)
2/9/19 4:00	(11.9)	17.4	0.0	14.2	2/9/19 17:00	37.4	(92.0)	3.7	(51.0)
2/9/19 4:15	15.8	11.7	(0.0)	27.2	2/9/19 17:15	27.1	19.3	2.2	42.6
2/9/19 4:30	5.2	17.2	0.0	21.6	2/9/19 17:30	33.2	57.9	1.8	92.9
2/9/19 4:45	(10.8)	32.7	0.0	27.1	2/9/19 17:45	62.1	33.5	0.1	95.7
2/9/19 5:00	(18.7)	38.8	0.0	25.9	2/9/19 18:00	21.7	(6.0)	(0.0)	22.6
2/9/19 5:15	41.3	13.8	0.1	55.1	2/9/19 18:15	(22.2)	(5.1)	(0.0)	(24.1)
2/9/19 5:30	13.1	2.7	(0.0)	15.8	2/9/19 18:30	15.6	35.5	(0.0)	49.0
2/9/19 5:45	(14.0)	6.0	(0.0)	(10.8)	2/9/19 18:45	(7.7)	37.1	0.0	29.9
2/9/19 6:00	38.8	13.3	(0.0)	52.1	2/9/19 19:00	(31.4)	3.0	(0.0)	(29.5)
2/9/19 6:15	19.5	26.7	0.1	46.3	2/9/19 19:15	13.9	3.5	0.0	14.1
2/9/19 6:30	19.0	21.6	(0.0)	37.3	2/9/19 19:30	(6.8)	(6.9)	(0.0)	(13.2)
2/9/19 6:45	21.3	13.4	0.0	32.4	2/9/19 19:45	(46.5)	(4.9)	0.0	(51.4)
2/9/19 7:00	12.0	5.7	(0.2)	15.7	2/9/19 20:00	(13.6)	12.7	0.0	18.6
2/9/19 7:15	(43.0)	12.6	(2.7)	(33.2)	2/9/19 20:15	13.2	8.0	(0.0)	21.2
2/9/19 7:30	19.6	(11.6)	(7.9)	(7.4)	2/9/19 20:30	(12.4)	(18.4)	(0.0)	(30.8)
2/9/19 7:45	16.6	(32.6)	(12.0)	(28.9)	2/9/19 20:45	(35.9)	3.6	(0.0)	(33.3)
2/9/19 8:00	11.4	(21.1)	(18.1)	(27.8)	2/9/19 21:00	(6.7)	1.1	(0.0)	(5.9)
2/9/19 8:15	(12.4)	(21.5)	(13.6)	(47.2)	2/9/19 21:15	(9.4)	(18.0)	0.0	(27.5)
2/9/19 8:30	14.1	(8.1)	(21.0)	(16.7)	2/9/19 21:30	(41.7)	(37.8)	(0.0)	(79.5)
2/9/19 8:45	6.7	7.3	(3.0)	12.4	2/9/19 21:45	(12.2)	(2.9)	0.0	(13.4)
2/9/19 9:00	(16.2)	(11.4)	(9.1)	(29.2)	2/9/19 22:00	(25.3)	(10.2)	(0.0)	(35.5)
2/9/19 9:15	25.1	(6.8)	(26.2)	(8.5)	2/9/19 22:15	(22.0)	(4.2)	(0.0)	(24.6)
2/9/19 9:30	(2.0)	(7.7)	2.9	(7.7)	2/9/19 22:30	20.9	14.5	0.0	31.5
2/9/19 9:45	(30.4)	(13.9)	2.0	(42.3)	2/9/19 22:45	(24.5)	34.0	0.0	11.2
2/9/19 10:00	(6.3)	5.2	2.3	9.5	2/9/19 23:00	(58.5)	27.0	(0.0)	(31.5)
2/9/19 10:15	(2.2)	(10.0)	7.5	(7.1)	2/9/19 23:15	7.5	(42.8)	0.0	(35.8)
2/9/19 10:30	(31.8)	(8.7)	6.1	(32.7)	2/9/19 23:30	(14.2)	(15.5)	0.0	(26.7)
2/9/19 10:45	16.1	26.1	(5.4)	30.4	2/9/19 23:45	(41.6)	9.3	(0.0)	(37.1)
2/9/19 11:00	(3.7)	7.9	3.9	7.9	2/10/19 0:00	(33.1)	71.8	0.0	42.6
2/9/19 11:15	(20.5)	19.0	6.2	7.1	2/10/19 0:15	(10.9)	(6.9)	0.0	(14.6)
2/9/19 11:30	8.5	18.2	(2.4)	19.0	2/10/19 0:30	16.1	(11.6)	0.0	4.8
2/9/19 11:45	(6.9)	(24.5)	5.1	(26.0)	2/10/19 0:45	(6.0)	1.4	0.0	(5.4)
2/9/19 12:00	(36.1)	(86.9)	(2.7)	(124.1)	2/10/19 1:00	(41.4)	28.5	(0.0)	(17.6)
2/9/19 12:15	8.8	(55.7)	9.7	(47.3)	2/10/19 1:15	8.1	69.1	0.0	73.2
2/9/19 12:30	11.9	(25.6)	(7.1)	(29.8)	2/10/19 1:30	8.2	20.7	0.0	25.5
2/9/19 12:45	12.5	(28.4)	(2.0)	(22.3)	2/10/19 1:45	(6.6)	30.3	(0.0)	29.0
2/9/19 13:00	(25.8)	(33.3)	5.0	(53.6)	2/10/19 2:00	(32.5)	21.7	(0.0)	(13.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/10/19 2:15	25.2	14.7	(0.0)	39.7	2/10/19 15:15	21.9	(11.8)	(0.4)	9.9
2/10/19 2:30	7.6	28.1	0.0	35.7	2/10/19 15:30	(12.3)	(4.9)	4.4	(10.8)
2/10/19 2:45	(22.5)	9.4	0.0	(16.4)	2/10/19 15:45	27.1	(32.8)	(1.1)	(10.1)
2/10/19 3:00	19.4	32.0	(0.0)	45.8	2/10/19 16:00	21.3	(25.1)	3.0	(3.1)
2/10/19 3:15	(52.5)	33.1	(0.0)	(21.0)	2/10/19 16:15	7.8	(23.7)	7.2	(10.7)
2/10/19 3:30	(35.4)	11.0	0.0	(24.4)	2/10/19 16:30	40.0	(57.7)	9.7	(9.0)
2/10/19 3:45	25.4	13.2	0.0	38.5	2/10/19 16:45	45.0	(62.8)	11.4	(6.4)
2/10/19 4:00	12.5	37.1	0.0	49.7	2/10/19 17:00	37.3	(37.3)	8.7	12.2
2/10/19 4:15	(9.2)	55.4	0.0	46.8	2/10/19 17:15	35.5	(11.3)	6.4	30.6
2/10/19 4:30	13.8	40.5	(0.0)	46.3	2/10/19 17:30	57.4	(18.6)	4.1	42.9
2/10/19 4:45	20.0	26.1	0.0	46.1	2/10/19 17:45	55.4	(15.6)	0.5	40.2
2/10/19 5:00	10.6	3.0	0.0	11.8	2/10/19 18:00	26.0	(30.4)	(0.0)	(7.8)
2/10/19 5:15	17.7	4.4	(0.0)	21.8	2/10/19 18:15	27.7	(42.9)	(0.0)	(15.5)
2/10/19 5:30	16.3	22.1	(0.0)	38.4	2/10/19 18:30	(2.1)	(18.5)	(0.0)	(19.1)
2/10/19 5:45	11.7	35.4	0.0	38.7	2/10/19 18:45	(20.4)	(7.8)	(0.0)	(22.4)
2/10/19 6:00	15.6	30.0	0.0	30.7	2/10/19 19:00	(31.2)	(11.8)	0.0	(30.4)
2/10/19 6:15	36.9	13.1	(0.0)	50.0	2/10/19 19:15	14.8	(30.4)	0.0	(18.2)
2/10/19 6:30	4.5	13.0	(0.0)	15.7	2/10/19 19:30	(5.7)	(4.5)	(0.0)	(10.1)
2/10/19 6:45	(37.6)	6.2	0.0	(31.4)	2/10/19 19:45	(34.1)	(6.4)	0.0	(40.5)
2/10/19 7:00	3.7	22.9	(0.3)	24.9	2/10/19 20:00	(13.7)	(37.0)	(0.0)	(39.8)
2/10/19 7:15	4.1	12.3	(3.0)	13.2	2/10/19 20:15	8.5	(39.9)	0.0	(32.2)
2/10/19 7:30	25.0	3.4	(14.7)	13.4	2/10/19 20:30	(21.7)	7.4	0.0	(14.8)
2/10/19 7:45	25.0	24.7	(17.7)	32.1	2/10/19 20:45	(40.0)	15.0	0.0	(25.2)
2/10/19 8:00	25.8	29.5	(20.3)	35.0	2/10/19 21:00	(7.1)	6.0	(0.0)	(4.7)
2/10/19 8:15	(10.4)	20.7	(19.2)	(10.0)	2/10/19 21:15	(11.2)	1.4	(0.0)	(10.0)
2/10/19 8:30	13.8	24.1	(15.8)	21.6	2/10/19 21:30	(61.0)	13.2	(0.0)	(47.8)
2/10/19 8:45	5.0	16.3	(12.4)	8.4	2/10/19 21:45	(13.4)	3.1	(0.0)	(12.5)
2/10/19 9:00	(13.2)	10.7	(5.5)	(12.0)	2/10/19 22:00	(18.2)	10.3	(0.0)	(10.5)
2/10/19 9:15	(23.3)	(7.8)	(0.9)	(28.2)	2/10/19 22:15	(25.7)	(3.3)	(0.0)	(28.7)
2/10/19 9:30	23.0	(15.2)	(0.5)	11.4	2/10/19 22:30	(6.5)	(10.4)	0.0	(14.2)
2/10/19 9:45	(2.4)	(11.9)	0.4	(12.6)	2/10/19 22:45	(27.1)	32.6	(0.0)	6.7
2/10/19 10:00	(31.0)	(20.2)	0.4	(50.9)	2/10/19 23:00	(32.1)	47.5	0.0	15.4
2/10/19 10:15	19.4	(31.2)	1.1	(15.7)	2/10/19 23:15	(47.2)	58.6	(0.0)	12.6
2/10/19 10:30	3.9	(54.0)	1.6	(49.0)	2/10/19 23:30	(6.5)	58.4	0.0	57.7
2/10/19 10:45	(29.9)	(11.0)	1.7	(39.2)	2/10/19 23:45	(14.6)	36.2	(0.0)	23.6
2/10/19 11:00	11.4	(4.8)	1.4	9.3	2/11/19 0:00	(52.0)	4.0	0.0	(51.2)
2/10/19 11:15	(1.5)	(16.7)	2.1	(15.7)	2/11/19 0:15	21.5	36.4	(0.0)	56.7
2/10/19 11:30	(24.5)	(79.1)	2.2	(101.5)	2/11/19 0:30	(3.9)	62.8	0.0	60.4
2/10/19 11:45	14.0	(97.2)	0.9	(88.2)	2/11/19 0:45	(23.9)	33.5	0.0	23.3
2/10/19 12:00	(3.5)	(68.5)	0.7	(68.4)	2/11/19 1:00	14.7	14.8	0.0	22.3
2/10/19 12:15	(15.8)	(76.0)	2.2	(83.3)	2/11/19 1:15	(2.5)	17.5	(0.0)	16.2
2/10/19 12:30	10.5	(69.1)	(0.8)	(67.1)	2/11/19 1:30	(22.7)	19.7	0.0	(10.3)
2/10/19 12:45	(2.5)	(78.0)	(0.4)	(80.5)	2/11/19 1:45	16.4	32.1	0.0	42.6
2/10/19 13:00	(23.1)	(49.9)	33.6	(39.2)	2/11/19 2:00	9.1	36.5	(0.0)	45.5
2/10/19 13:15	9.8	17.6	11.2	35.0	2/11/19 2:15	(23.5)	6.1	0.0	(21.3)
2/10/19 13:30	14.1	30.3	(2.4)	35.4	2/11/19 2:30	11.3	11.6	(0.0)	19.6
2/10/19 13:45	16.9	9.2	(0.6)	23.1	2/11/19 2:45	5.9	26.0	0.0	31.9
2/10/19 14:00	(18.5)	19.5	(0.4)	6.9	2/11/19 3:00	(11.3)	38.9	(0.0)	37.3
2/10/19 14:15	14.5	(14.9)	0.6	(4.7)	2/11/19 3:15	14.3	14.9	0.0	19.2
2/10/19 14:30	7.7	(9.8)	0.2	(3.3)	2/11/19 3:30	15.8	(5.4)	(0.0)	10.4
2/10/19 14:45	(10.1)	7.3	0.6	7.1	2/11/19 3:45	13.1	(11.0)	0.0	(7.6)
2/10/19 15:00	18.7	(8.9)	(0.8)	9.5	2/11/19 4:00	13.9	(15.9)	0.0	(18.1)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/11/19 4:15	33.3	2.9	(0.0)	36.3	2/11/19 17:15	48.9	(31.4)	10.5	30.7
2/11/19 4:30	12.1	7.6	(0.0)	16.9	2/11/19 17:30	60.5	(58.2)	3.8	9.5
2/11/19 4:45	30.2	5.3	0.0	34.0	2/11/19 17:45	66.9	18.4	0.4	80.1
2/11/19 5:00	37.6	(6.8)	0.0	30.8	2/11/19 18:00	26.0	29.3	0.0	49.2
2/11/19 5:15	25.7	(15.3)	0.0	16.6	2/11/19 18:15	(38.6)	(36.8)	(0.0)	(59.2)
2/11/19 5:30	31.6	(16.7)	(0.0)	24.3	2/11/19 18:30	(33.7)	32.7	0.0	(5.3)
2/11/19 5:45	55.9	6.6	0.0	60.5	2/11/19 18:45	(28.3)	13.4	(0.0)	(22.5)
2/11/19 6:00	33.0	5.6	(0.0)	35.0	2/11/19 19:00	13.6	50.4	(0.0)	58.9
2/11/19 6:15	(18.4)	9.3	(0.0)	20.0	2/11/19 19:15	7.3	55.6	0.0	58.8
2/11/19 6:30	59.9	(7.5)	0.0	52.4	2/11/19 19:30	(30.2)	17.3	(0.0)	(17.3)
2/11/19 6:45	50.8	31.4	(0.0)	82.2	2/11/19 19:45	10.0	42.1	(0.0)	43.4
2/11/19 7:00	(9.8)	34.2	(0.4)	30.7	2/11/19 20:00	(22.5)	45.1	(0.0)	24.2
2/11/19 7:15	22.1	10.3	(2.9)	29.1	2/11/19 20:15	(18.3)	(3.5)	0.0	(18.9)
2/11/19 7:30	(8.8)	19.2	(15.3)	(5.9)	2/11/19 20:30	(10.9)	(21.8)	(0.0)	(30.6)
2/11/19 7:45	(30.4)	52.4	(18.4)	6.5	2/11/19 20:45	(21.8)	(26.7)	0.0	(48.5)
2/11/19 8:00	10.3	78.1	(21.9)	60.1	2/11/19 21:00	(64.9)	(32.9)	(0.0)	(97.8)
2/11/19 8:15	3.0	54.9	(23.7)	33.3	2/11/19 21:15	(8.6)	(7.1)	(0.0)	(13.8)
2/11/19 8:30	(25.6)	50.8	(19.2)	8.9	2/11/19 21:30	(12.4)	(26.9)	0.0	(34.8)
2/11/19 8:45	(6.6)	40.0	(13.2)	24.2	2/11/19 21:45	10.8	(42.0)	0.0	(36.7)
2/11/19 9:00	(8.9)	38.8	(5.8)	26.2	2/11/19 22:00	(59.6)	(3.7)	(0.0)	(63.0)
2/11/19 9:15	(15.3)	24.1	(5.0)	9.3	2/11/19 22:15	(18.7)	(8.7)	(0.0)	(27.3)
2/11/19 9:30	13.8	10.3	(1.3)	19.6	2/11/19 22:30	(36.2)	(23.7)	(0.0)	(60.0)
2/11/19 9:45	(3.9)	2.4	1.2	(4.5)	2/11/19 22:45	(56.8)	67.8	0.0	15.6
2/11/19 10:00	(17.1)	14.4	0.2	(7.7)	2/11/19 23:00	(14.4)	15.8	(0.0)	6.2
2/11/19 10:15	14.5	(18.6)	10.8	14.3	2/11/19 23:15	(10.1)	25.2	(0.0)	15.3
2/11/19 10:30	(6.0)	(44.5)	2.4	(48.1)	2/11/19 23:30	(47.4)	46.1	0.0	(9.9)
2/11/19 10:45	(13.4)	(64.3)	17.2	(54.5)	2/11/19 23:45	(7.5)	8.5	0.0	12.2
2/11/19 11:00	29.5	(121.9)	6.7	(87.8)	2/12/19 0:00	(16.1)	(8.8)	0.0	(24.9)
2/11/19 11:15	(8.5)	(153.3)	(7.9)	(169.7)	2/12/19 0:15	(33.1)	13.5	0.0	(23.0)
2/11/19 11:30	(34.8)	(84.2)	(8.6)	(127.5)	2/12/19 0:30	(7.9)	36.2	0.0	34.1
2/11/19 11:45	13.7	(22.4)	0.9	(13.4)	2/12/19 0:45	(6.9)	10.0	0.0	(10.3)
2/11/19 12:00	(5.0)	(117.4)	(2.1)	(123.7)	2/12/19 1:00	(23.3)	29.6	(0.0)	19.8
2/11/19 12:15	(36.0)	(41.0)	6.0	(71.6)	2/12/19 1:15	(6.0)	(11.6)	0.0	(16.5)
2/11/19 12:30	15.2	(48.8)	9.6	(25.8)	2/12/19 1:30	10.0	(17.0)	0.0	(10.1)
2/11/19 12:45	(28.7)	(32.7)	22.6	(42.7)	2/12/19 1:45	(35.5)	20.6	(0.0)	(14.9)
2/11/19 13:00	(12.0)	48.0	7.7	45.1	2/12/19 2:00	(37.3)	29.6	0.0	(9.1)
2/11/19 13:15	29.2	24.1	(5.6)	45.0	2/12/19 2:15	(20.6)	20.3	0.0	(8.9)
2/11/19 13:30	36.3	(17.8)	(1.0)	23.1	2/12/19 2:30	5.0	18.6	0.0	22.5
2/11/19 13:45	(31.7)	(14.8)	(2.6)	(36.8)	2/12/19 2:45	22.0	21.5	0.0	42.4
2/11/19 14:00	18.1	15.4	0.9	28.1	2/12/19 3:00	13.7	(11.7)	(0.0)	7.2
2/11/19 14:15	(6.8)	(3.4)	1.2	(7.8)	2/12/19 3:15	(18.1)	21.5	0.0	4.2
2/11/19 14:30	(23.8)	10.0	0.1	(16.3)	2/12/19 3:30	(13.0)	16.9	(0.0)	(6.7)
2/11/19 14:45	10.9	(4.9)	0.5	7.2	2/12/19 3:45	9.6	(22.8)	0.0	(14.7)
2/11/19 15:00	9.0	(11.2)	1.3	(12.7)	2/12/19 4:00	15.5	9.8	(0.0)	25.3
2/11/19 15:15	16.6	6.2	3.1	23.4	2/12/19 4:15	15.4	(6.7)	0.0	10.7
2/11/19 15:30	7.5	(19.0)	1.6	(15.1)	2/12/19 4:30	(5.8)	11.2	(0.0)	8.3
2/11/19 15:45	37.5	(30.8)	2.9	18.7	2/12/19 4:45	23.2	(11.9)	0.0	13.0
2/11/19 16:00	27.3	(14.8)	6.8	19.5	2/12/19 5:00	47.7	(36.5)	(0.0)	11.2
2/11/19 16:15	(7.5)	29.4	11.0	40.3	2/12/19 5:15	56.2	(42.4)	0.0	14.3
2/11/19 16:30	27.5	(99.1)	3.0	(80.2)	2/12/19 5:30	31.1	23.2	(0.0)	54.4
2/11/19 16:45	31.5	(68.3)	13.5	49.8	2/12/19 5:45	44.7	10.4	0.0	54.8
2/11/19 17:00	9.8	20.9	17.3	41.7	2/12/19 6:00	57.7	11.5	(0.0)	69.2

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/12/19 6:15	45.1	12.4	(0.0)	57.4	2/12/19 19:15	7.9	(28.5)	(0.0)	(24.3)
2/12/19 6:30	31.4	11.1	0.0	42.6	2/12/19 19:30	(30.2)	(18.9)	0.0	(49.1)
2/12/19 6:45	58.1	(2.1)	0.0	57.3	2/12/19 19:45	(14.9)	(39.0)	(0.0)	(52.1)
2/12/19 7:00	15.5	(10.2)	(0.9)	9.8	2/12/19 20:00	7.1	(39.1)	(0.0)	(33.7)
2/12/19 7:15	(21.8)	(5.5)	(4.5)	(28.9)	2/12/19 20:15	(13.4)	(34.6)	0.0	(48.0)
2/12/19 7:30	10.6	11.9	(13.2)	9.8	2/12/19 20:30	(32.7)	(4.5)	(0.0)	(35.9)
2/12/19 7:45	(8.3)	24.1	(18.1)	(3.4)	2/12/19 20:45	(18.7)	13.0	(0.0)	(6.3)
2/12/19 8:00	(28.8)	32.0	(21.6)	(20.5)	2/12/19 21:00	(37.6)	35.4	(0.0)	(6.6)
2/12/19 8:15	(10.8)	48.8	(24.5)	24.0	2/12/19 21:15	(36.5)	55.6	0.0	26.3
2/12/19 8:30	(22.2)	51.8	(19.6)	10.6	2/12/19 21:30	(19.0)	59.0	0.0	40.1
2/12/19 8:45	(34.2)	(9.8)	(12.9)	(53.4)	2/12/19 21:45	(35.7)	28.9	(0.0)	(7.5)
2/12/19 9:00	(7.8)	(30.4)	(6.1)	(40.7)	2/12/19 22:00	(58.4)	12.7	(0.0)	(45.7)
2/12/19 9:15	8.5	(48.9)	(1.6)	(43.8)	2/12/19 22:15	(16.6)	20.9	(0.0)	12.3
2/12/19 9:30	(38.1)	(24.3)	(0.9)	(63.3)	2/12/19 22:30	(34.6)	(11.5)	(0.0)	(45.6)
2/12/19 9:45	9.4	24.2	(0.1)	22.6	2/12/19 22:45	(48.7)	7.3	(0.0)	(44.5)
2/12/19 10:00	(7.4)	39.5	0.2	34.2	2/12/19 23:00	16.1	(4.3)	0.0	17.3
2/12/19 10:15	(36.3)	16.1	0.5	(20.3)	2/12/19 23:15	(12.1)	6.0	(0.0)	(16.7)
2/12/19 10:30	10.1	5.3	5.2	16.6	2/12/19 23:30	(36.8)	9.7	0.0	(32.1)
2/12/19 10:45	(16.1)	14.0	4.3	2.5	2/12/19 23:45	(24.0)	(20.8)	(0.0)	(41.7)
2/12/19 11:00	(29.0)	6.6	1.8	(30.1)	2/13/19 0:00	(11.5)	6.8	0.0	9.3
2/12/19 11:15	9.5	(9.0)	2.3	(10.6)	2/13/19 0:15	(19.6)	9.9	(0.0)	(17.3)
2/12/19 11:30	7.1	(40.9)	(3.7)	(37.0)	2/13/19 0:30	14.8	(35.2)	0.0	(28.2)
2/12/19 11:45	(20.1)	(5.3)	2.3	(21.3)	2/13/19 0:45	(4.8)	(30.2)	0.0	(31.5)
2/12/19 12:00	28.7	(32.4)	(2.9)	(8.7)	2/13/19 1:00	(33.5)	(32.7)	(0.0)	(64.9)
2/12/19 12:15	6.3	28.0	13.7	45.9	2/13/19 1:15	16.0	(6.6)	(0.0)	15.3
2/12/19 12:30	(47.9)	33.6	(2.1)	(16.8)	2/13/19 1:30	3.2	8.6	0.0	11.6
2/12/19 12:45	(7.9)	19.9	(8.5)	14.3	2/13/19 1:45	(23.6)	12.5	(0.0)	(18.8)
2/12/19 13:00	(15.0)	10.3	(2.7)	(8.1)	2/13/19 2:00	16.8	(15.0)	(0.0)	(12.5)
2/12/19 13:15	(11.1)	12.9	5.2	8.4	2/13/19 2:15	21.5	20.6	0.0	42.1
2/12/19 13:30	13.7	47.2	7.0	66.1	2/13/19 2:30	(28.9)	6.9	0.0	(22.3)
2/12/19 13:45	(4.1)	59.0	(10.3)	47.1	2/13/19 2:45	20.2	28.8	(0.0)	47.0
2/12/19 14:00	(33.8)	66.3	4.1	34.5	2/13/19 3:00	11.4	28.3	(0.0)	39.7
2/12/19 14:15	19.6	34.4	5.7	55.2	2/13/19 3:15	(16.8)	30.5	0.0	16.2
2/12/19 14:30	16.8	13.6	(7.6)	21.1	2/13/19 3:30	19.5	26.3	0.0	44.5
2/12/19 14:45	(12.8)	(8.7)	15.4	(6.2)	2/13/19 3:45	9.8	4.2	(0.0)	12.9
2/12/19 15:00	(31.5)	18.0	6.7	(14.6)	2/13/19 4:00	(16.6)	(12.8)	(0.0)	(29.3)
2/12/19 15:15	27.4	21.0	1.4	49.1	2/13/19 4:15	15.1	(36.2)	0.0	(23.0)
2/12/19 15:30	47.1	27.6	(5.2)	69.5	2/13/19 4:30	15.4	(8.0)	(0.0)	17.0
2/12/19 15:45	15.2	14.7	5.2	32.3	2/13/19 4:45	21.9	13.8	(0.0)	35.8
2/12/19 16:00	39.2	14.9	29.2	83.3	2/13/19 5:00	38.0	9.0	0.0	44.0
2/12/19 16:15	(7.7)	26.1	17.6	38.6	2/13/19 5:15	24.8	16.2	0.0	36.2
2/12/19 16:30	(25.7)	(5.4)	12.1	(15.8)	2/13/19 5:30	26.5	81.0	(0.0)	107.5
2/12/19 16:45	32.6	(34.7)	9.4	7.3	2/13/19 5:45	37.6	16.6	(0.0)	51.3
2/12/19 17:00	38.4	(29.4)	12.4	26.6	2/13/19 6:00	26.4	6.1	(0.0)	29.1
2/12/19 17:15	17.7	(37.3)	8.2	(34.5)	2/13/19 6:15	8.9	25.7	0.0	30.4
2/12/19 17:30	86.9	(19.6)	4.4	71.6	2/13/19 6:30	31.3	20.1	(0.1)	51.4
2/12/19 17:45	70.7	(38.0)	0.6	33.2	2/13/19 6:45	32.2	(26.0)	(0.2)	10.2
2/12/19 18:00	(17.1)	(52.3)	0.0	(62.4)	2/13/19 7:00	28.9	(43.9)	(0.3)	(15.4)
2/12/19 18:15	20.7	(38.4)	(0.0)	(21.7)	2/13/19 7:15	4.6	(38.7)	(1.7)	(37.7)
2/12/19 18:30	5.0	(22.8)	0.0	(17.9)	2/13/19 7:30	5.1	(60.4)	(3.4)	(58.7)
2/12/19 18:45	(22.5)	(4.7)	(0.0)	(24.2)	2/13/19 7:45	(7.6)	(34.8)	(4.0)	(46.1)
2/12/19 19:00	(9.0)	(7.4)	0.0	(13.8)	2/13/19 8:00	(9.6)	(27.3)	(3.1)	(40.0)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/13/19 8:15	(17.1)	(58.5)	(12.6)	(88.2)	2/13/19 21:15	(8.4)	(29.2)	0.0	(31.3)
2/13/19 8:30	(21.3)	(22.4)	(43.1)	(86.8)	2/13/19 21:30	13.2	17.1	(0.0)	30.2
2/13/19 8:45	(24.2)	(24.6)	(27.7)	(73.1)	2/13/19 21:45	(46.3)	(12.7)	0.0	(52.2)
2/13/19 9:00	(19.2)	(59.9)	8.3	(70.9)	2/13/19 22:00	(26.0)	83.2	(0.0)	57.6
2/13/19 9:15	(11.6)	(33.5)	(6.3)	(48.3)	2/13/19 22:15	(54.5)	17.0	(0.0)	(38.3)
2/13/19 9:30	(19.7)	(29.6)	(9.1)	(55.0)	2/13/19 22:30	(66.5)	33.2	0.0	(33.2)
2/13/19 9:45	5.1	32.7	28.5	61.6	2/13/19 22:45	(22.6)	42.2	(0.0)	20.4
2/13/19 10:00	(13.0)	37.3	8.6	32.3	2/13/19 23:00	(18.2)	11.7	(0.0)	9.2
2/13/19 10:15	(5.3)	28.5	5.8	28.0	2/13/19 23:15	24.4	7.9	(0.0)	19.4
2/13/19 10:30	(4.1)	(15.5)	(12.2)	(30.3)	2/13/19 23:30	(22.2)	14.0	0.0	(14.5)
2/13/19 10:45	(7.8)	(29.6)	(4.9)	(42.3)	2/13/19 23:45	(11.7)	(51.5)	(0.0)	(61.7)
2/13/19 11:00	15.8	(29.2)	(2.3)	(20.2)	2/14/19 0:00	(33.8)	98.4	0.0	65.2
2/13/19 11:15	55.4	(17.6)	(16.2)	23.1	2/14/19 0:15	(38.2)	17.9	(0.0)	(21.3)
2/13/19 11:30	(10.2)	(5.4)	(2.1)	(15.8)	2/14/19 0:30	(10.2)	4.8	0.0	(6.8)
2/13/19 11:45	(22.0)	8.1	2.3	(14.1)	2/14/19 0:45	(20.9)	7.4	0.0	(13.9)
2/13/19 12:00	(13.0)	(16.1)	4.9	(27.1)	2/14/19 1:00	(17.5)	9.3	0.0	(8.5)
2/13/19 12:15	22.4	(35.0)	(10.6)	(25.3)	2/14/19 1:15	(9.0)	(8.4)	0.0	(12.5)
2/13/19 12:30	(26.6)	10.5	5.3	(11.3)	2/14/19 1:30	(23.2)	25.7	(0.0)	6.0
2/13/19 12:45	23.3	32.5	3.5	48.6	2/14/19 1:45	(23.0)	19.7	(0.0)	(5.4)
2/13/19 13:00	31.4	(29.1)	(1.8)	13.1	2/14/19 2:00	21.0	(34.7)	0.0	(14.0)
2/13/19 13:15	10.2	(28.6)	4.5	(26.7)	2/14/19 2:15	(4.6)	(4.6)	0.0	(5.8)
2/13/19 13:30	19.4	17.7	2.0	37.7	2/14/19 2:30	(22.3)	27.9	0.0	7.4
2/13/19 13:45	4.9	27.3	8.7	40.5	2/14/19 2:45	19.5	36.0	(0.0)	55.5
2/13/19 14:00	(19.7)	(14.7)	22.6	(20.0)	2/14/19 3:00	(4.1)	16.5	0.0	15.2
2/13/19 14:15	(19.2)	(17.5)	6.4	(32.1)	2/14/19 3:15	(19.1)	15.5	(0.0)	9.8
2/13/19 14:30	(19.4)	18.9	(4.6)	29.9	2/14/19 3:30	20.4	(28.0)	0.0	(14.1)
2/13/19 14:45	7.3	80.8	17.4	100.9	2/14/19 3:45	4.9	(26.4)	0.0	(22.5)
2/13/19 15:00	(45.4)	58.7	(3.2)	13.2	2/14/19 4:00	(15.9)	22.3	(0.0)	14.5
2/13/19 15:15	27.7	25.5	(2.7)	51.7	2/14/19 4:15	29.0	(36.0)	(0.0)	(11.5)
2/13/19 15:30	17.3	(6.5)	(7.7)	8.9	2/14/19 4:30	26.0	(33.8)	0.0	(8.3)
2/13/19 15:45	(14.5)	(15.0)	8.0	(19.1)	2/14/19 4:45	(9.1)	12.1	0.0	5.5
2/13/19 16:00	28.3	(22.6)	(6.1)	(5.2)	2/14/19 5:00	21.7	33.2	0.0	48.5
2/13/19 16:15	15.8	(22.5)	(3.5)	(14.5)	2/14/19 5:15	83.4	(40.9)	0.0	43.6
2/13/19 16:30	16.9	6.4	10.6	29.8	2/14/19 5:30	32.9	(36.6)	(0.0)	(4.6)
2/13/19 16:45	36.9	(11.4)	15.5	41.5	2/14/19 5:45	18.0	(18.3)	0.0	(3.0)
2/13/19 17:00	20.8	28.9	12.2	61.9	2/14/19 6:00	63.7	(29.1)	(0.0)	34.6
2/13/19 17:15	36.2	(39.2)	5.8	16.6	2/14/19 6:15	46.2	(29.2)	(0.0)	17.1
2/13/19 17:30	27.4	(68.9)	1.9	(43.1)	2/14/19 6:30	29.8	(34.4)	(0.0)	(6.4)
2/13/19 17:45	57.2	17.0	0.1	69.0	2/14/19 6:45	27.4	(57.2)	(1.2)	(35.5)
2/13/19 18:00	18.3	(10.3)	(0.0)	24.8	2/14/19 7:00	27.8	26.8	(2.7)	49.0
2/13/19 18:15	(20.9)	(59.2)	0.0	(80.1)	2/14/19 7:15	(18.1)	49.9	(1.8)	30.2
2/13/19 18:30	10.3	(20.8)	(0.0)	(19.3)	2/14/19 7:30	(43.1)	63.2	(5.7)	14.5
2/13/19 18:45	(12.7)	(11.6)	(0.0)	(23.9)	2/14/19 7:45	21.9	72.1	(2.3)	90.9
2/13/19 19:00	(20.5)	(18.2)	(0.0)	(29.1)	2/14/19 8:00	8.2	72.2	(5.5)	74.9
2/13/19 19:15	(45.0)	65.8	0.0	20.9	2/14/19 8:15	(17.0)	33.5	(2.3)	16.1
2/13/19 19:30	19.3	10.3	0.0	24.6	2/14/19 8:30	22.9	(35.6)	(1.3)	(21.4)
2/13/19 19:45	(22.8)	(91.7)	(0.0)	(113.3)	2/14/19 8:45	(7.1)	(49.0)	(5.1)	(61.3)
2/13/19 20:00	(18.5)	(97.5)	0.0	(116.1)	2/14/19 9:00	(23.7)	(73.2)	(7.2)	(101.7)
2/13/19 20:15	(23.2)	(13.5)	0.0	(36.4)	2/14/19 9:15	15.1	9.5	(1.8)	17.6
2/13/19 20:30	10.5	29.5	0.0	32.7	2/14/19 9:30	5.1	(16.5)	(8.4)	(22.2)
2/13/19 20:45	(24.8)	42.4	(0.0)	22.6	2/14/19 9:45	(28.9)	20.1	(9.5)	(21.9)
2/13/19 21:00	(43.2)	(21.0)	0.0	(63.0)	2/14/19 10:00	24.5	(6.8)	(4.4)	18.2

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/14/19 10:15	11.1	(13.9)	(2.8)	(8.0)	2/14/19 23:15	(25.6)	(14.8)	0.0	(40.5)
2/14/19 10:30	(40.4)	4.0	(6.9)	(42.7)	2/14/19 23:30	(59.5)	(22.6)	0.0	(82.1)
2/14/19 10:45	(4.2)	(3.0)	8.6	8.7	2/14/19 23:45	(22.5)	98.4	(0.0)	75.9
2/14/19 11:00	11.9	2.9	(7.5)	6.6	2/15/19 0:00	22.3	(60.2)	0.0	(38.3)
2/14/19 11:15	(7.2)	11.4	3.7	10.7	2/15/19 0:15	(19.3)	(28.0)	(0.0)	(37.8)
2/14/19 11:30	(7.5)	12.7	(5.0)	4.4	2/15/19 0:30	11.7	(19.0)	(0.0)	(12.7)
2/14/19 11:45	(5.6)	9.8	(9.0)	(6.4)	2/15/19 0:45	7.7	(15.2)	0.0	(9.7)
2/14/19 12:00	5.6	29.1	8.3	41.0	2/15/19 1:00	(26.6)	3.6	0.0	(25.4)
2/14/19 12:15	8.5	18.4	(2.6)	24.5	2/15/19 1:15	(20.2)	13.8	0.0	27.8
2/14/19 12:30	(2.0)	(103.8)	5.5	(99.0)	2/15/19 1:30	8.2	(8.7)	(0.0)	14.5
2/14/19 12:45	(3.6)	(79.5)	5.1	(74.4)	2/15/19 1:45	10.5	(23.1)	(0.0)	(13.5)
2/14/19 13:00	9.0	(15.6)	0.4	(9.8)	2/15/19 2:00	(36.4)	(15.3)	0.0	(48.1)
2/14/19 13:15	3.9	31.9	3.2	39.0	2/15/19 2:15	21.8	45.9	(0.0)	65.3
2/14/19 13:30	10.2	27.3	4.4	41.9	2/15/19 2:30	(6.5)	5.8	(0.0)	(6.8)
2/14/19 13:45	29.5	2.1	1.7	32.7	2/15/19 2:45	(11.8)	5.1	0.0	(7.0)
2/14/19 14:00	(18.0)	14.4	7.2	10.0	2/15/19 3:00	(27.8)	29.8	0.0	15.1
2/14/19 14:15	18.7	69.3	5.3	91.0	2/15/19 3:15	26.7	(56.3)	0.0	(38.3)
2/14/19 14:30	13.4	80.5	4.0	97.9	2/15/19 3:30	13.5	39.9	(0.0)	52.2
2/14/19 14:45	(5.1)	86.2	1.7	86.1	2/15/19 3:45	(24.7)	6.9	(0.0)	(20.5)
2/14/19 15:00	(33.4)	32.4	1.2	8.2	2/15/19 4:00	36.0	17.6	(0.0)	53.6
2/14/19 15:15	(19.7)	5.3	2.3	(13.9)	2/15/19 4:15	32.4	26.8	0.0	43.2
2/14/19 15:30	29.3	18.1	1.5	48.8	2/15/19 4:30	25.0	(81.4)	(0.0)	(57.8)
2/14/19 15:45	19.6	33.5	1.1	54.2	2/15/19 4:45	(11.2)	88.1	0.0	78.7
2/14/19 16:00	(16.3)	34.4	0.1	20.1	2/15/19 5:00	62.6	(35.2)	0.0	32.6
2/14/19 16:15	22.6	20.8	0.7	43.4	2/15/19 5:15	29.9	(82.6)	(0.0)	(52.8)
2/14/19 16:30	26.9	(28.8)	1.9	(4.7)	2/15/19 5:30	26.4	9.6	0.0	33.1
2/14/19 16:45	(12.0)	(40.7)	1.2	(44.4)	2/15/19 5:45	(1.9)	31.5	0.0	31.7
2/14/19 17:00	65.8	7.6	7.6	78.7	2/15/19 6:00	43.1	107.9	(0.0)	151.0
2/14/19 17:15	17.2	20.9	5.3	43.4	2/15/19 6:15	42.8	69.0	(0.0)	111.7
2/14/19 17:30	18.7	37.3	2.3	56.7	2/15/19 6:30	35.8	47.9	(0.0)	83.5
2/14/19 17:45	35.4	19.5	0.2	52.4	2/15/19 6:45	14.6	(74.2)	0.0	(59.6)
2/14/19 18:00	14.1	23.4	0.0	31.0	2/15/19 7:00	11.9	34.4	(1.0)	38.5
2/14/19 18:15	(12.4)	7.3	(0.0)	(8.9)	2/15/19 7:15	(11.4)	(13.5)	(3.2)	(21.4)
2/14/19 18:30	(35.2)	3.7	0.0	(32.6)	2/15/19 7:30	(4.0)	(19.5)	(9.7)	(31.2)
2/14/19 18:45	22.8	(16.2)	(0.0)	9.2	2/15/19 7:45	3.3	52.3	(15.8)	38.9
2/14/19 19:00	(18.9)	(31.0)	0.0	(47.2)	2/15/19 8:00	(13.3)	66.3	(13.8)	41.2
2/14/19 19:15	(27.0)	21.0	(0.0)	(9.8)	2/15/19 8:15	7.7	(7.2)	(15.7)	(14.7)
2/14/19 19:30	(12.7)	37.1	0.0	32.9	2/15/19 8:30	(13.9)	48.8	(10.7)	24.1
2/14/19 19:45	(13.4)	25.0	0.0	13.8	2/15/19 8:45	(17.1)	14.2	(8.4)	(14.6)
2/14/19 20:00	(32.1)	(7.9)	(0.0)	(39.9)	2/15/19 9:00	(5.9)	(23.7)	(2.9)	(32.5)
2/14/19 20:15	(30.2)	(14.0)	(0.0)	(36.7)	2/15/19 9:15	2.7	(76.0)	(2.6)	(78.3)
2/14/19 20:30	13.9	(36.0)	0.0	(31.9)	2/15/19 9:30	(13.3)	(64.0)	(7.9)	(85.2)
2/14/19 20:45	(15.2)	(43.1)	(0.0)	(58.3)	2/15/19 9:45	25.8	(31.7)	(5.7)	(13.6)
2/14/19 21:00	(48.1)	(65.3)	(0.0)	(113.4)	2/15/19 10:00	4.8	19.9	(7.6)	12.8
2/14/19 21:15	14.2	(52.2)	0.0	(38.8)	2/15/19 10:15	8.3	19.7	(6.1)	19.2
2/14/19 21:30	(25.8)	(18.1)	0.1	(43.8)	2/15/19 10:30	(51.5)	(34.3)	4.5	(80.9)
2/14/19 21:45	(34.3)	(23.2)	0.1	(57.1)	2/15/19 10:45	(17.0)	(32.8)	(3.3)	(35.0)
2/14/19 22:00	(23.8)	9.9	(0.0)	(22.2)	2/15/19 11:00	(11.0)	10.3	(6.1)	(12.0)
2/14/19 22:15	(25.9)	(37.0)	(0.0)	(62.9)	2/15/19 11:15	14.4	31.8	3.0	46.1
2/14/19 22:30	(30.7)	(34.7)	0.0	(65.4)	2/15/19 11:30	(33.3)	62.0	3.8	31.2
2/14/19 22:45	(61.4)	(61.4)	0.0	(122.8)	2/15/19 11:45	(26.4)	92.1	3.9	67.5
2/14/19 23:00	(10.7)	(30.6)	(0.0)	(40.7)	2/15/19 12:00	(19.3)	42.3	(3.6)	25.0

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/15/19 12:15	(2.2)	(1.7)	1.7	(1.3)	2/16/19 1:15	11.6	3.1	(0.0)	10.4
2/15/19 12:30	(13.1)	(4.9)	3.6	(16.4)	2/16/19 1:30	(23.0)	25.9	0.0	5.5
2/15/19 12:45	(6.2)	(19.6)	12.0	(14.0)	2/16/19 1:45	19.5	(17.8)	(0.0)	(6.3)
2/15/19 13:00	(6.5)	26.5	(3.6)	16.5	2/16/19 2:00	(8.6)	6.5	0.0	13.7
2/15/19 13:15	(3.0)	38.9	(0.9)	36.0	2/16/19 2:15	9.6	5.7	0.0	14.9
2/15/19 13:30	(3.4)	12.9	(3.4)	7.7	2/16/19 2:30	(8.1)	28.5	(0.0)	28.5
2/15/19 13:45	(3.6)	(11.8)	(4.7)	(17.1)	2/16/19 2:45	(30.2)	13.8	0.0	(18.4)
2/15/19 14:00	2.9	(29.8)	(4.5)	(30.4)	2/16/19 3:00	24.2	(11.4)	0.0	16.1
2/15/19 14:15	(1.8)	(6.5)	(7.5)	(12.8)	2/16/19 3:15	(2.8)	(17.9)	0.0	(19.3)
2/15/19 14:30	2.8	27.3	1.8	30.1	2/16/19 3:30	(27.1)	24.7	(0.0)	(10.6)
2/15/19 14:45	3.4	(19.6)	(5.4)	(21.7)	2/16/19 3:45	25.0	17.1	(0.0)	42.1
2/15/19 15:00	7.8	5.2	(4.2)	13.6	2/16/19 4:00	6.7	(35.8)	(0.0)	(29.1)
2/15/19 15:15	4.2	(43.4)	25.3	(19.0)	2/16/19 4:15	(18.6)	13.3	0.0	(14.8)
2/15/19 15:30	8.6	(43.0)	5.3	(31.0)	2/16/19 4:30	8.5	27.3	(0.0)	34.2
2/15/19 15:45	28.4	(47.9)	17.8	(4.7)	2/16/19 4:45	32.2	77.2	0.0	109.3
2/15/19 16:00	7.4	(78.8)	19.0	(52.4)	2/16/19 5:00	36.2	61.8	0.0	97.9
2/15/19 16:15	16.8	(77.3)	20.2	(40.3)	2/16/19 5:15	20.7	50.9	(0.0)	66.9
2/15/19 16:30	(11.2)	(89.3)	14.3	(75.7)	2/16/19 5:30	35.8	37.4	0.0	72.4
2/15/19 16:45	42.9	(28.7)	2.2	33.1	2/16/19 5:45	12.6	22.1	(0.0)	34.7
2/15/19 17:00	26.1	(25.3)	7.5	34.7	2/16/19 6:00	(11.3)	18.5	0.0	14.2
2/15/19 17:15	(12.8)	(44.8)	5.4	(51.0)	2/16/19 6:15	44.0	11.8	(0.0)	55.9
2/15/19 17:30	42.2	(42.3)	3.0	9.2	2/16/19 6:30	21.4	(17.9)	(0.0)	3.5
2/15/19 17:45	38.0	(40.8)	0.4	(10.4)	2/16/19 6:45	(22.0)	(8.5)	0.0	(27.9)
2/15/19 18:00	36.4	(33.3)	0.1	10.0	2/16/19 7:00	26.3	(10.2)	(0.6)	25.0
2/15/19 18:15	(8.4)	42.4	(0.0)	34.2	2/16/19 7:15	6.7	14.2	(2.8)	17.7
2/15/19 18:30	(7.9)	43.8	0.0	35.9	2/16/19 7:30	(25.8)	2.2	(7.9)	(31.0)
2/15/19 18:45	(8.8)	37.5	(0.0)	28.8	2/16/19 7:45	27.3	12.1	(15.8)	27.7
2/15/19 19:00	(12.2)	15.7	0.0	6.0	2/16/19 8:00	17.4	13.1	(12.9)	17.6
2/15/19 19:15	(5.9)	12.6	(0.0)	7.2	2/16/19 8:15	(9.1)	(17.5)	(16.8)	(36.1)
2/15/19 19:30	(17.1)	4.0	0.0	(15.2)	2/16/19 8:30	(14.0)	(20.2)	(10.7)	(38.1)
2/15/19 19:45	21.0	(18.7)	0.0	(13.3)	2/16/19 8:45	13.4	(25.8)	(11.7)	(24.2)
2/15/19 20:00	17.8	(32.1)	(0.0)	(30.0)	2/16/19 9:00	(8.1)	10.7	(10.7)	(11.8)
2/15/19 20:15	(5.6)	(67.3)	(0.0)	(71.8)	2/16/19 9:15	(3.5)	19.7	9.9	25.9
2/15/19 20:30	(37.7)	16.5	0.0	(29.4)	2/16/19 9:30	(10.3)	47.8	(32.9)	5.5
2/15/19 20:45	(20.1)	(20.5)	(0.0)	(38.5)	2/16/19 9:45	(27.4)	58.5	(10.7)	22.5
2/15/19 21:00	(6.7)	(19.2)	(0.0)	(23.7)	2/16/19 10:00	2.2	20.6	2.2	24.7
2/15/19 21:15	(11.9)	5.5	0.0	(11.4)	2/16/19 10:15	23.7	15.3	(5.2)	29.2
2/15/19 21:30	(5.8)	40.8	0.0	38.4	2/16/19 10:30	(11.4)	31.0	(3.5)	18.1
2/15/19 21:45	(31.9)	40.8	0.1	9.3	2/16/19 10:45	(24.5)	44.5	3.3	23.3
2/15/19 22:00	(32.0)	32.9	(0.0)	5.9	2/16/19 11:00	20.1	53.2	5.4	76.9
2/15/19 22:15	(70.0)	30.5	(0.0)	(39.5)	2/16/19 11:15	(13.2)	4.5	0.9	(17.0)
2/15/19 22:30	(18.2)	15.9	0.0	(7.0)	2/16/19 11:30	13.1	(34.5)	5.9	(16.3)
2/15/19 22:45	(27.5)	(28.4)	0.0	(56.0)	2/16/19 11:45	(9.8)	(50.4)	4.0	(58.4)
2/15/19 23:00	(20.3)	(16.9)	(0.0)	(33.9)	2/16/19 12:00	27.9	(44.3)	42.0	28.3
2/15/19 23:15	(25.7)	(55.5)	(0.0)	(78.0)	2/16/19 12:15	59.2	(45.8)	28.8	42.2
2/15/19 23:30	(18.2)	(55.3)	0.0	(70.2)	2/16/19 12:30	55.2	(45.7)	1.4	16.5
2/15/19 23:45	(14.1)	9.5	(0.0)	(19.2)	2/16/19 12:45	12.3	(49.4)	(27.3)	(64.8)
2/16/19 0:00	(17.3)	67.4	0.0	50.1	2/16/19 13:00	(18.1)	(106.1)	(3.7)	(121.6)
2/16/19 0:15	(13.4)	30.6	0.0	27.3	2/16/19 13:15	23.7	(127.5)	(18.5)	(119.6)
2/16/19 0:30	(9.4)	(17.7)	(0.0)	(24.4)	2/16/19 13:30	54.0	(68.0)	46.5	34.6
2/16/19 0:45	(8.9)	(16.9)	0.0	(25.8)	2/16/19 13:45	(17.8)	(158.3)	(28.8)	(189.8)
2/16/19 1:00	(35.1)	24.4	0.0	(12.9)	2/16/19 14:00	26.0	(139.9)	(11.0)	(128.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/16/19 14:15	(19.7)	(21.5)	(16.7)	(57.9)	2/17/19 3:15	(5.6)	(27.4)	0.0	(30.4)
2/16/19 14:30	(36.8)	34.8	(13.8)	(21.3)	2/17/19 3:30	12.4	12.4	0.0	24.7
2/16/19 14:45	27.5	14.0	(5.7)	32.2	2/17/19 3:45	9.3	18.3	0.0	27.5
2/16/19 15:00	17.0	(35.0)	16.8	(3.5)	2/17/19 4:00	(10.4)	9.0	0.0	10.6
2/16/19 15:15	(22.4)	3.3	(11.8)	(31.6)	2/17/19 4:15	27.3	(20.7)	0.0	10.0
2/16/19 15:30	21.6	(14.7)	(6.3)	(8.1)	2/17/19 4:30	6.2	(30.4)	(0.0)	(26.1)
2/16/19 15:45	17.4	17.1	3.3	34.3	2/17/19 4:45	(13.4)	(18.9)	0.0	(30.3)
2/16/19 16:00	(14.4)	19.4	15.7	16.0	2/17/19 5:00	26.7	5.9	(0.0)	32.6
2/16/19 16:15	22.6	(30.0)	27.0	17.2	2/17/19 5:15	12.3	11.8	0.0	24.1
2/16/19 16:30	27.5	(46.7)	20.4	4.5	2/17/19 5:30	(13.9)	24.5	0.0	15.0
2/16/19 16:45	17.0	(25.5)	13.4	(12.5)	2/17/19 5:45	26.8	20.4	0.0	47.2
2/16/19 17:00	14.3	(41.5)	9.8	(26.4)	2/17/19 6:00	19.0	(7.4)	0.0	12.3
2/16/19 17:15	18.7	(71.8)	15.6	(43.0)	2/17/19 6:15	(10.2)	14.6	0.0	11.2
2/16/19 17:30	30.4	(10.5)	5.8	28.8	2/17/19 6:30	32.6	25.3	(0.0)	57.9
2/16/19 17:45	30.6	(19.7)	1.8	21.1	2/17/19 6:45	8.5	(8.4)	(0.0)	(8.0)
2/16/19 18:00	68.6	27.2	0.0	95.8	2/17/19 7:00	(16.2)	15.6	(1.4)	12.4
2/16/19 18:15	9.0	45.6	(0.1)	54.5	2/17/19 7:15	5.0	37.6	(9.9)	29.9
2/16/19 18:30	(29.7)	35.3	0.0	11.0	2/17/19 7:30	12.3	13.5	(17.9)	6.9
2/16/19 18:45	17.4	42.3	0.0	51.4	2/17/19 7:45	(7.3)	4.2	(20.6)	(17.5)
2/16/19 19:00	5.4	18.7	0.0	20.4	2/17/19 8:00	(18.0)	(4.6)	(22.4)	(40.6)
2/16/19 19:15	(18.8)	25.3	0.0	18.9	2/17/19 8:15	25.9	4.1	(21.3)	9.6
2/16/19 19:30	(24.2)	9.0	0.0	(17.4)	2/17/19 8:30	(4.2)	(9.4)	(16.2)	(27.9)
2/16/19 19:45	9.8	41.2	0.0	50.4	2/17/19 8:45	(27.6)	(20.6)	(9.3)	(57.5)
2/16/19 20:00	(16.9)	58.4	0.0	41.7	2/17/19 9:00	11.6	(8.1)	(4.0)	(2.4)
2/16/19 20:15	(52.4)	42.1	0.0	(11.6)	2/17/19 9:15	(9.3)	1.8	(1.3)	(10.6)
2/16/19 20:30	(14.8)	11.2	0.0	(6.1)	2/17/19 9:30	(26.7)	5.0	(1.0)	(23.6)
2/16/19 20:45	4.2	24.3	0.0	26.0	2/17/19 9:45	12.2	3.0	(0.9)	14.2
2/16/19 21:00	(35.8)	(14.6)	0.0	(47.0)	2/17/19 10:00	3.6	7.6	(0.6)	8.8
2/16/19 21:15	24.1	31.2	0.0	48.7	2/17/19 10:15	10.0	6.3	0.5	14.5
2/16/19 21:30	(24.6)	51.5	0.0	26.9	2/17/19 10:30	11.1	11.9	(0.9)	14.9
2/16/19 21:45	(48.0)	32.9	0.0	(18.3)	2/17/19 10:45	(12.1)	15.3	(0.3)	7.4
2/16/19 22:00	(64.6)	16.4	(0.0)	(48.7)	2/17/19 11:00	(13.0)	4.6	1.0	(9.6)
2/16/19 22:15	(25.9)	(6.9)	(0.0)	(32.8)	2/17/19 11:15	14.7	2.2	1.5	18.3
2/16/19 22:30	(50.0)	(15.8)	(0.0)	(65.8)	2/17/19 11:30	(12.8)	(11.8)	0.8	(22.8)
2/16/19 22:45	(10.7)	(27.5)	0.0	(38.2)	2/17/19 11:45	10.8	(12.3)	0.9	(12.5)
2/16/19 23:00	(19.0)	18.4	(0.0)	(7.2)	2/17/19 12:00	9.1	(14.7)	1.0	(10.8)
2/16/19 23:15	(26.7)	22.4	0.0	(7.5)	2/17/19 12:15	(5.5)	(28.7)	0.6	(28.7)
2/16/19 23:30	(11.4)	13.6	(0.0)	15.0	2/17/19 12:30	(11.3)	(22.6)	(0.9)	(31.5)
2/16/19 23:45	(16.4)	5.2	0.0	(12.2)	2/17/19 12:45	16.1	(19.6)	(0.4)	(9.8)
2/17/19 0:00	(41.4)	(3.0)	0.0	(44.4)	2/17/19 13:00	4.2	(11.2)	(0.7)	(9.3)
2/17/19 0:15	12.9	17.3	(0.0)	27.0	2/17/19 13:15	(18.0)	(8.0)	(2.3)	(25.2)
2/17/19 0:30	(8.7)	54.9	0.0	46.2	2/17/19 13:30	28.2	(7.8)	(1.5)	22.6
2/17/19 0:45	(40.1)	47.2	0.0	11.6	2/17/19 13:45	11.7	(31.7)	5.2	(15.1)
2/17/19 1:00	(14.4)	43.2	0.0	30.8	2/17/19 14:00	(12.7)	(27.8)	23.5	(18.5)
2/17/19 1:15	28.1	49.8	0.0	78.0	2/17/19 14:15	26.5	6.8	7.5	39.7
2/17/19 1:30	(7.7)	48.0	0.0	40.3	2/17/19 14:30	24.0	(14.7)	9.7	19.9
2/17/19 1:45	(15.4)	50.4	0.0	36.2	2/17/19 14:45	(8.6)	(8.0)	7.6	3.5
2/17/19 2:00	(15.0)	39.2	0.0	32.6	2/17/19 15:00	25.3	8.0	(11.1)	19.8
2/17/19 2:15	5.9	7.4	0.0	10.2	2/17/19 15:15	8.6	3.8	22.5	31.6
2/17/19 2:30	(11.7)	4.1	0.0	(8.5)	2/17/19 15:30	(15.2)	(5.0)	24.0	11.9
2/17/19 2:45	(21.1)	(8.9)	0.0	(28.4)	2/17/19 15:45	48.0	(14.8)	15.2	48.4
2/17/19 3:00	14.4	(17.2)	0.0	(11.1)	2/17/19 16:00	19.2	13.5	4.6	37.3

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/17/19 16:15	(7.2)	(6.3)	4.4	(9.0)	2/18/19 5:15	12.7	7.6	0.0	15.1
2/17/19 16:30	43.7	(11.5)	1.6	34.3	2/18/19 5:30	37.8	(0.5)	0.0	37.7
2/17/19 16:45	37.7	(57.9)	6.4	(14.3)	2/18/19 5:45	43.0	0.6	0.0	43.5
2/17/19 17:00	18.4	(32.1)	3.7	(16.6)	2/18/19 6:00	12.3	1.2	0.0	12.6
2/17/19 17:15	33.9	9.8	3.3	46.7	2/18/19 6:15	58.3	(6.0)	0.0	52.3
2/17/19 17:30	50.3	9.3	2.3	61.8	2/18/19 6:30	40.5	(6.8)	(0.0)	33.6
2/17/19 17:45	29.0	(8.5)	0.8	22.3	2/18/19 6:45	(13.0)	(3.0)	0.0	(13.3)
2/17/19 18:00	54.4	(15.0)	0.0	41.5	2/18/19 7:00	39.4	0.6	(0.2)	39.6
2/17/19 18:15	(5.0)	(20.7)	(0.0)	(23.3)	2/18/19 7:15	18.8	(3.7)	(0.8)	14.3
2/17/19 18:30	(20.4)	(54.5)	0.0	(74.4)	2/18/19 7:30	14.6	(10.3)	(5.0)	(23.0)
2/17/19 18:45	(12.3)	(14.2)	0.0	(16.8)	2/18/19 7:45	26.6	(9.2)	(7.0)	18.7
2/17/19 19:00	6.3	51.2	0.0	53.9	2/18/19 8:00	19.0	(6.5)	(4.0)	10.0
2/17/19 19:15	(27.3)	64.7	0.0	37.4	2/18/19 8:15	(13.1)	(5.4)	(4.6)	(15.9)
2/17/19 19:30	8.9	23.9	0.0	32.2	2/18/19 8:30	19.1	(4.7)	(5.4)	11.4
2/17/19 19:45	(18.7)	5.1	0.0	(14.4)	2/18/19 8:45	13.8	2.3	(23.8)	(10.1)
2/17/19 20:00	(26.4)	32.1	0.0	6.7	2/18/19 9:00	(18.4)	(4.6)	(9.3)	(28.1)
2/17/19 20:15	(17.3)	22.6	0.0	9.2	2/18/19 9:15	19.0	(15.2)	(5.3)	(14.7)
2/17/19 20:30	(7.2)	(19.7)	0.0	(26.0)	2/18/19 9:30	13.0	(10.3)	(4.0)	(3.2)
2/17/19 20:45	(29.0)	(51.4)	0.0	(80.4)	2/18/19 9:45	(19.6)	(13.5)	(4.1)	(35.9)
2/17/19 21:00	(27.2)	(43.5)	0.0	(67.1)	2/18/19 10:00	15.1	(14.8)	(2.2)	(16.5)
2/17/19 21:15	9.0	45.6	0.0	48.0	2/18/19 10:15	10.9	(2.9)	(7.2)	2.7
2/17/19 21:30	(41.4)	70.1	0.0	29.8	2/18/19 10:30	(27.0)	0.6	(4.6)	(31.2)
2/17/19 21:45	(37.7)	39.8	0.0	4.1	2/18/19 10:45	(27.4)	(3.2)	(0.6)	(30.6)
2/17/19 22:00	(27.1)	(2.1)	(0.0)	(29.2)	2/18/19 11:00	24.7	(7.6)	(2.6)	16.0
2/17/19 22:15	(38.1)	13.1	(0.0)	(25.9)	2/18/19 11:15	7.1	(11.7)	7.0	(4.0)
2/17/19 22:30	(41.4)	43.5	0.0	15.9	2/18/19 11:30	(17.0)	(16.7)	(5.5)	(38.6)
2/17/19 22:45	(13.0)	19.3	0.0	20.1	2/18/19 11:45	(14.7)	(15.2)	4.7	(20.1)
2/17/19 23:00	(23.1)	(30.6)	(0.0)	(53.7)	2/18/19 12:00	8.1	(34.7)	(7.5)	(33.8)
2/17/19 23:15	(32.0)	11.4	(0.0)	(25.8)	2/18/19 12:15	14.1	(23.4)	(6.1)	(14.5)
2/17/19 23:30	(33.5)	73.4	0.0	43.1	2/18/19 12:30	(29.2)	(23.8)	(3.2)	(55.6)
2/17/19 23:45	13.5	(36.0)	(0.0)	(26.1)	2/18/19 12:45	18.3	(26.0)	(5.3)	(17.5)
2/18/19 0:00	(42.7)	(54.8)	0.0	(97.5)	2/18/19 13:00	9.7	(19.4)	(4.1)	(12.5)
2/18/19 0:15	11.9	15.4	(0.0)	26.1	2/18/19 13:15	(32.3)	(23.6)	(7.7)	(62.3)
2/18/19 0:30	(7.0)	30.1	0.0	23.2	2/18/19 13:30	29.6	(2.0)	11.5	39.8
2/18/19 0:45	(32.4)	34.3	0.0	11.3	2/18/19 13:45	2.6	(6.6)	(2.4)	(7.7)
2/18/19 1:00	(18.3)	133.7	0.0	115.4	2/18/19 14:00	(25.4)	(10.8)	(7.6)	(42.6)
2/18/19 1:15	3.5	99.6	0.0	103.1	2/18/19 14:15	23.5	(37.3)	4.2	(28.3)
2/18/19 1:30	(4.3)	14.1	0.0	13.2	2/18/19 14:30	24.3	(40.6)	(6.0)	(20.8)
2/18/19 1:45	18.0	(14.2)	0.0	9.4	2/18/19 14:45	8.3	(30.1)	11.5	(10.5)
2/18/19 2:00	13.7	(13.3)	0.0	(6.2)	2/18/19 15:00	(16.5)	(32.0)	3.8	(40.4)
2/18/19 2:15	7.3	29.7	0.0	37.0	2/18/19 15:15	25.0	(13.1)	24.3	38.7
2/18/19 2:30	(12.5)	44.4	0.0	32.6	2/18/19 15:30	23.2	(13.9)	(8.3)	6.2
2/18/19 2:45	(25.8)	38.0	0.0	28.3	2/18/19 15:45	(23.3)	(41.4)	(7.1)	(68.5)
2/18/19 3:00	23.6	7.5	0.0	29.4	2/18/19 16:00	37.1	(43.4)	18.7	18.2
2/18/19 3:15	9.8	13.5	0.0	23.1	2/18/19 16:15	17.0	(33.9)	25.1	9.6
2/18/19 3:30	(16.8)	7.2	0.0	(16.6)	2/18/19 16:30	20.4	(9.3)	8.6	15.8
2/18/19 3:45	30.0	7.8	0.0	37.9	2/18/19 16:45	38.5	15.5	11.8	65.6
2/18/19 4:00	17.2	20.6	0.0	37.8	2/18/19 17:00	28.4	(15.3)	11.3	24.0
2/18/19 4:15	(20.8)	6.7	0.0	(18.9)	2/18/19 17:15	26.7	(41.0)	8.0	(7.2)
2/18/19 4:30	16.9	(6.2)	0.0	(16.7)	2/18/19 17:30	26.1	(26.0)	1.8	10.0
2/18/19 4:45	30.3	(3.8)	0.0	27.5	2/18/19 17:45	63.3	(25.7)	0.7	38.3
2/18/19 5:00	32.4	14.8	0.0	45.9	2/18/19 18:00	25.5	(6.6)	0.0	19.6

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/18/19 18:15	(41.9)	1.7	0.0	(42.3)	2/19/19 7:15	12.4	(4.4)	(2.1)	8.3
2/18/19 18:30	35.5	17.0	0.0	52.5	2/19/19 7:30	(20.3)	20.0	(2.0)	17.8
2/18/19 18:45	(6.1)	(4.3)	0.0	(10.2)	2/19/19 7:45	(30.7)	8.9	(3.7)	(25.9)
2/18/19 19:00	(48.7)	(13.1)	0.0	(61.8)	2/19/19 8:00	6.5	8.4	(6.5)	8.4
2/18/19 19:15	11.2	(5.6)	0.0	(8.9)	2/19/19 8:15	(3.7)	12.3	(8.0)	2.2
2/18/19 19:30	(16.9)	(6.9)	0.0	(19.0)	2/19/19 8:30	6.3	56.0	(3.9)	58.4
2/18/19 19:45	(45.6)	(21.1)	0.0	(59.2)	2/19/19 8:45	(3.6)	15.2	(1.6)	12.2
2/18/19 20:00	(31.1)	80.4	(0.0)	50.9	2/19/19 9:00	11.7	8.5	(5.1)	14.9
2/18/19 20:15	8.2	31.5	0.0	37.4	2/19/19 9:15	5.0	11.1	(12.8)	4.5
2/18/19 20:30	(5.3)	8.1	0.0	9.6	2/19/19 9:30	7.7	(7.3)	(13.8)	(13.8)
2/18/19 20:45	(18.4)	(23.5)	0.0	(40.5)	2/19/19 9:45	(3.3)	(19.4)	(8.2)	(30.9)
2/18/19 21:00	(30.1)	19.1	0.0	(11.3)	2/19/19 10:00	14.8	(19.6)	(5.2)	(10.0)
2/18/19 21:15	(45.8)	45.0	0.0	(5.1)	2/19/19 10:15	(5.7)	9.1	(7.2)	(3.8)
2/18/19 21:30	(21.9)	5.4	(0.0)	(17.9)	2/19/19 10:30	17.3	(16.7)	(1.1)	3.4
2/18/19 21:45	(38.3)	4.0	(0.0)	(37.7)	2/19/19 10:45	6.4	23.8	(6.3)	23.9
2/18/19 22:00	(68.7)	(28.0)	0.0	(96.6)	2/19/19 11:00	(20.8)	21.9	(7.6)	(14.0)
2/18/19 22:15	(30.2)	(46.0)	(0.0)	(76.2)	2/19/19 11:15	(27.0)	31.1	(5.5)	7.1
2/18/19 22:30	(54.8)	(5.7)	(0.0)	(55.4)	2/19/19 11:30	24.8	52.0	6.4	83.2
2/18/19 22:45	(38.2)	30.1	0.0	(21.0)	2/19/19 11:45	4.6	59.4	6.5	70.3
2/18/19 23:00	(25.2)	14.2	(0.0)	(19.7)	2/19/19 12:00	(20.9)	58.4	(6.5)	32.0
2/18/19 23:15	(23.7)	(17.9)	0.0	(33.7)	2/19/19 12:15	(11.4)	26.7	7.8	33.6
2/18/19 23:30	(19.9)	(34.0)	(0.0)	(50.3)	2/19/19 12:30	10.6	36.1	2.5	49.3
2/18/19 23:45	(13.1)	(15.4)	(0.0)	(26.9)	2/19/19 12:45	(8.2)	34.9	5.0	31.6
2/19/19 0:00	(9.6)	(22.1)	0.0	(28.9)	2/19/19 13:00	(24.8)	33.3	(8.1)	21.7
2/19/19 0:15	8.6	33.3	0.0	41.7	2/19/19 13:15	21.0	42.7	11.5	72.0
2/19/19 0:30	27.0	(15.9)	0.0	28.3	2/19/19 13:30	4.3	46.4	(8.2)	41.7
2/19/19 0:45	(9.8)	(13.0)	(0.0)	(20.7)	2/19/19 13:45	(26.8)	44.9	1.8	19.3
2/19/19 1:00	(22.8)	11.2	(0.0)	(16.3)	2/19/19 14:00	(16.5)	38.4	16.6	37.7
2/19/19 1:15	15.6	4.4	(0.0)	19.4	2/19/19 14:15	(17.0)	27.3	13.5	25.7
2/19/19 1:30	2.4	(4.2)	0.0	(2.4)	2/19/19 14:30	11.4	22.8	3.2	34.8
2/19/19 1:45	(12.9)	(7.5)	(0.0)	(18.8)	2/19/19 14:45	8.4	17.6	(8.4)	17.8
2/19/19 2:00	(32.5)	(3.0)	0.0	(35.1)	2/19/19 15:00	(25.0)	21.1	16.6	11.9
2/19/19 2:15	(4.1)	(2.9)	0.0	(6.1)	2/19/19 15:15	17.7	15.2	9.4	39.9
2/19/19 2:30	3.6	27.2	0.0	29.7	2/19/19 15:30	10.7	25.6	8.8	45.1
2/19/19 2:45	8.5	29.2	0.0	37.7	2/19/19 15:45	(29.2)	18.2	(1.6)	(17.1)
2/19/19 3:00	5.7	(4.7)	0.0	3.7	2/19/19 16:00	40.2	8.6	(1.5)	47.0
2/19/19 3:15	2.9	(5.5)	(0.0)	(4.6)	2/19/19 16:15	44.1	(4.2)	(2.1)	40.4
2/19/19 3:30	(2.6)	(3.0)	0.0	(5.2)	2/19/19 16:30	17.9	(3.3)	(3.7)	14.9
2/19/19 3:45	9.1	(7.2)	0.0	3.4	2/19/19 16:45	(22.4)	(10.0)	2.8	(30.0)
2/19/19 4:00	4.4	(11.3)	0.0	(7.6)	2/19/19 17:00	(28.2)	13.9	19.5	19.0
2/19/19 4:15	16.2	(21.8)	0.0	(5.6)	2/19/19 17:15	57.2	7.9	9.2	74.2
2/19/19 4:30	14.0	(21.8)	0.0	(8.1)	2/19/19 17:30	24.5	5.2	2.3	32.0
2/19/19 4:45	26.2	(39.3)	0.0	(13.1)	2/19/19 17:45	65.6	6.9	1.6	74.0
2/19/19 5:00	28.4	(45.4)	0.0	(17.0)	2/19/19 18:00	37.6	(1.8)	0.0	36.9
2/19/19 5:15	37.9	(15.5)	0.0	22.5	2/19/19 18:15	(24.5)	3.8	(0.0)	(21.8)
2/19/19 5:30	70.9	(34.3)	0.0	36.6	2/19/19 18:30	15.3	2.3	0.0	16.7
2/19/19 5:45	50.6	(50.3)	0.0	6.7	2/19/19 18:45	(4.1)	5.4	(0.0)	5.2
2/19/19 6:00	37.8	(18.0)	0.0	19.8	2/19/19 19:00	(26.4)	(4.9)	(0.0)	(30.8)
2/19/19 6:15	8.4	3.9	(0.0)	8.8	2/19/19 19:15	(29.5)	1.6	0.0	(28.5)
2/19/19 6:30	49.1	(30.1)	0.0	19.0	2/19/19 19:30	11.9	4.2	(0.0)	13.1
2/19/19 6:45	22.0	(11.8)	0.0	12.8	2/19/19 19:45	(9.4)	12.9	0.0	3.7
2/19/19 7:00	8.8	7.7	(0.4)	15.1	2/19/19 20:00	(32.6)	17.7	(0.0)	(16.4)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/19/19 20:15	(11.5)	22.7	0.0	14.3	2/20/19 9:15	8.2	14.1	(21.6)	(5.8)
2/19/19 20:30	(18.1)	13.8	(0.0)	(4.3)	2/20/19 9:30	(19.3)	34.9	(19.1)	(6.9)
2/19/19 20:45	(47.5)	12.6	0.0	(34.8)	2/20/19 9:45	(44.5)	17.6	(1.7)	(30.2)
2/19/19 21:00	(17.3)	1.8	(0.0)	(15.7)	2/20/19 10:00	(10.8)	20.8	(0.9)	16.4
2/19/19 21:15	(29.8)	(2.0)	(0.0)	(31.3)	2/20/19 10:15	3.9	(6.0)	(0.4)	5.8
2/19/19 21:30	(44.3)	(4.7)	0.0	(49.0)	2/20/19 10:30	(26.8)	(19.4)	0.4	(45.8)
2/19/19 21:45	(33.6)	(3.5)	(0.0)	(37.0)	2/20/19 10:45	(26.2)	(22.1)	0.8	(47.6)
2/19/19 22:00	(45.3)	(5.6)	(0.0)	(50.9)	2/20/19 11:00	15.4	(6.7)	1.8	12.3
2/19/19 22:15	(34.2)	(2.8)	(0.0)	(37.0)	2/20/19 11:15	(35.0)	14.5	1.9	(19.8)
2/19/19 22:30	(28.7)	0.7	(0.0)	(28.5)	2/20/19 11:30	(33.3)	7.8	1.4	(24.5)
2/19/19 22:45	(30.4)	(8.7)	0.0	(39.1)	2/20/19 11:45	20.8	(1.8)	0.6	20.1
2/19/19 23:00	(41.4)	(17.4)	(0.0)	(58.8)	2/20/19 12:00	(14.6)	7.2	0.2	(7.1)
2/19/19 23:15	(26.7)	(19.3)	(0.0)	(42.1)	2/20/19 12:15	(42.6)	17.2	0.2	(25.9)
2/19/19 23:30	(13.3)	(20.2)	(0.0)	(27.7)	2/20/19 12:30	(9.3)	(4.8)	0.2	(11.8)
2/19/19 23:45	(18.9)	(28.8)	(0.0)	(47.7)	2/20/19 12:45	12.7	3.4	(0.4)	14.5
2/20/19 0:00	(33.4)	(51.9)	0.0	(85.3)	2/20/19 13:00	(1.9)	3.1	0.6	3.1
2/20/19 0:15	18.1	(42.9)	(0.0)	(27.1)	2/20/19 13:15	(36.3)	3.0	(1.7)	(34.7)
2/20/19 0:30	26.0	(40.3)	0.0	(20.0)	2/20/19 13:30	20.6	2.0	6.1	26.3
2/20/19 0:45	6.3	(30.4)	0.0	(26.7)	2/20/19 13:45	(14.8)	14.6	(5.0)	(7.2)
2/20/19 1:00	13.3	(27.6)	(0.0)	(18.4)	2/20/19 14:00	(23.9)	(22.2)	(3.8)	(48.8)
2/20/19 1:15	(5.2)	(24.0)	0.0	(26.9)	2/20/19 14:15	9.6	(31.0)	(2.9)	(31.1)
2/20/19 1:30	(19.0)	(20.0)	0.0	(38.8)	2/20/19 14:30	15.7	(42.5)	(1.8)	(31.7)
2/20/19 1:45	10.7	(15.8)	(0.0)	(13.7)	2/20/19 14:45	(20.4)	(15.2)	0.4	(33.7)
2/20/19 2:00	(11.4)	(6.2)	(0.0)	(15.7)	2/20/19 15:00	28.4	(5.7)	0.2	23.1
2/20/19 2:15	(30.7)	(8.2)	0.0	(38.6)	2/20/19 15:15	14.3	9.4	0.8	24.5
2/20/19 2:30	12.6	2.3	(0.0)	13.3	2/20/19 15:30	(20.1)	(10.9)	2.2	(27.8)
2/20/19 2:45	(7.4)	(2.2)	(0.0)	(9.6)	2/20/19 15:45	(11.1)	12.4	6.7	23.5
2/20/19 3:00	(18.4)	(7.6)	(0.0)	(26.0)	2/20/19 16:00	20.8	23.0	13.2	57.0
2/20/19 3:15	24.5	(14.2)	0.0	14.0	2/20/19 16:15	54.2	45.2	20.5	119.8
2/20/19 3:30	15.8	(1.1)	(0.0)	14.6	2/20/19 16:30	28.5	21.5	22.3	72.3
2/20/19 3:45	10.4	(5.7)	(0.0)	(11.5)	2/20/19 16:45	34.0	(4.6)	33.4	66.4
2/20/19 4:00	23.1	(1.7)	0.0	22.8	2/20/19 17:00	(6.4)	(34.1)	9.1	(31.4)
2/20/19 4:15	17.3	2.1	0.0	19.0	2/20/19 17:15	49.9	(18.5)	14.7	49.8
2/20/19 4:30	9.2	6.8	(0.0)	15.8	2/20/19 17:30	60.3	23.6	8.8	92.7
2/20/19 4:45	19.7	(9.0)	0.0	11.5	2/20/19 17:45	40.4	(14.8)	0.7	26.3
2/20/19 5:00	65.0	(57.4)	(0.0)	7.9	2/20/19 18:00	56.0	(31.2)	0.0	31.5
2/20/19 5:15	77.8	(58.9)	(0.0)	18.9	2/20/19 18:15	(2.5)	(71.9)	(0.0)	(73.8)
2/20/19 5:30	18.9	(4.4)	0.0	14.5	2/20/19 18:30	(24.7)	(66.6)	0.0	(90.0)
2/20/19 5:45	58.4	(8.6)	0.0	49.9	2/20/19 18:45	19.0	(43.0)	(0.0)	(32.4)
2/20/19 6:00	37.0	2.2	(0.0)	39.2	2/20/19 19:00	11.7	(15.6)	0.0	(13.3)
2/20/19 6:15	33.9	(6.6)	0.0	27.3	2/20/19 19:15	(12.0)	29.7	(0.0)	18.7
2/20/19 6:30	59.3	(4.6)	(0.0)	54.8	2/20/19 19:30	(31.3)	45.5	0.0	14.2
2/20/19 6:45	42.7	(31.1)	0.0	12.6	2/20/19 19:45	12.2	(18.7)	(0.0)	(12.3)
2/20/19 7:00	(23.9)	(37.6)	(0.6)	(49.2)	2/20/19 20:00	(8.2)	(26.0)	(0.0)	(33.8)
2/20/19 7:15	(64.0)	(22.0)	(7.1)	(87.7)	2/20/19 20:15	(42.0)	11.4	0.0	(30.8)
2/20/19 7:30	12.1	(26.4)	(10.9)	(28.7)	2/20/19 20:30	(12.8)	15.8	0.0	11.1
2/20/19 7:45	(4.2)	(20.9)	(12.4)	(35.8)	2/20/19 20:45	(12.4)	1.7	(0.0)	(10.7)
2/20/19 8:00	(35.3)	14.8	(15.4)	(36.0)	2/20/19 21:00	(21.4)	21.7	0.0	5.0
2/20/19 8:15	16.8	5.9	(14.4)	10.4	2/20/19 21:15	(12.9)	19.6	0.0	16.8
2/20/19 8:30	(9.7)	20.7	(11.7)	(5.9)	2/20/19 21:30	(32.7)	10.2	(0.0)	(29.0)
2/20/19 8:45	(26.3)	31.9	(8.9)	(12.6)	2/20/19 21:45	(52.6)	1.4	(0.0)	(51.9)
2/20/19 9:00	(15.5)	22.5	(8.4)	17.2	2/20/19 22:00	(51.2)	3.6	(0.0)	(47.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/20/19 22:15	(30.4)	3.9	(0.0)	(27.5)	2/21/19 11:15	(21.2)	22.1	(1.2)	11.4
2/20/19 22:30	(41.0)	(20.3)	0.0	(61.2)	2/21/19 11:30	8.2	43.3	(8.2)	35.1
2/20/19 22:45	(30.3)	(15.3)	0.0	(42.3)	2/21/19 11:45	(12.1)	56.1	(6.6)	37.4
2/20/19 23:00	12.5	(14.3)	(0.0)	(15.0)	2/21/19 12:00	(24.0)	41.9	(8.6)	13.5
2/20/19 23:15	12.0	8.9	0.0	18.0	2/21/19 12:15	(16.3)	16.3	(7.3)	(7.2)
2/20/19 23:30	(33.4)	6.7	(0.0)	(26.7)	2/21/19 12:30	(11.6)	(0.8)	5.2	(9.4)
2/20/19 23:45	(13.2)	16.5	(0.0)	9.5	2/21/19 12:45	13.7	3.0	5.3	17.6
2/21/19 0:00	(19.5)	17.7	0.0	(5.9)	2/21/19 13:00	(28.5)	12.3	(1.6)	(19.9)
2/21/19 0:15	7.3	(2.1)	(0.0)	7.3	2/21/19 13:15	35.6	5.2	(2.9)	39.4
2/21/19 0:30	(8.0)	27.1	0.0	23.4	2/21/19 13:30	7.1	6.9	4.1	16.0
2/21/19 0:45	(20.7)	10.1	0.0	(13.2)	2/21/19 13:45	(15.2)	(3.2)	(6.9)	(24.1)
2/21/19 1:00	(11.6)	(4.6)	(0.0)	(13.0)	2/21/19 14:00	7.9	(14.3)	(6.8)	(20.9)
2/21/19 1:15	8.0	(14.4)	0.0	(8.3)	2/21/19 14:15	8.6	(14.5)	(9.1)	(15.6)
2/21/19 1:30	(20.7)	(46.8)	(0.0)	(67.5)	2/21/19 14:30	(20.0)	(38.5)	(1.7)	(59.8)
2/21/19 1:45	10.2	(6.4)	0.0	10.1	2/21/19 14:45	11.6	(20.9)	4.9	(15.7)
2/21/19 2:00	(5.6)	(12.7)	0.0	(14.6)	2/21/19 15:00	2.8	(26.7)	(5.7)	(31.3)
2/21/19 2:15	(17.8)	15.7	(0.0)	(7.0)	2/21/19 15:15	(9.2)	(37.4)	2.2	(37.0)
2/21/19 2:30	11.4	32.9	0.0	44.2	2/21/19 15:30	22.8	(61.8)	1.0	(38.0)
2/21/19 2:45	2.2	39.8	(0.0)	40.8	2/21/19 15:45	16.3	(60.9)	5.6	(39.0)
2/21/19 3:00	(10.0)	15.1	(0.0)	7.8	2/21/19 16:00	(9.4)	(33.6)	10.7	(28.1)
2/21/19 3:15	(57.0)	10.2	(0.0)	(47.2)	2/21/19 16:15	33.8	(25.8)	21.5	29.5
2/21/19 3:30	28.1	26.5	(0.0)	53.1	2/21/19 16:30	34.7	(4.5)	34.3	67.7
2/21/19 3:45	8.6	23.2	0.0	31.7	2/21/19 16:45	(5.5)	12.1	15.7	23.4
2/21/19 4:00	(19.5)	6.8	(0.0)	(13.6)	2/21/19 17:00	63.1	6.4	22.8	92.2
2/21/19 4:15	28.1	12.7	0.0	40.7	2/21/19 17:15	27.6	19.7	11.7	59.0
2/21/19 4:30	23.1	47.8	(0.0)	71.0	2/21/19 17:30	41.4	7.6	3.9	52.9
2/21/19 4:45	12.3	64.2	0.0	74.5	2/21/19 17:45	60.6	(26.6)	1.5	35.6
2/21/19 5:00	44.9	3.8	(0.0)	48.7	2/21/19 18:00	38.9	(8.9)	0.2	36.2
2/21/19 5:15	28.1	32.3	(0.0)	60.4	2/21/19 18:15	(22.5)	34.7	(0.0)	13.4
2/21/19 5:30	(13.6)	18.9	(0.0)	5.8	2/21/19 18:30	(8.5)	7.4	0.0	8.2
2/21/19 5:45	73.7	20.9	0.0	94.6	2/21/19 18:45	6.0	(13.3)	0.0	(12.8)
2/21/19 6:00	39.3	(5.0)	0.1	34.6	2/21/19 19:00	(17.4)	23.6	0.0	10.7
2/21/19 6:15	31.9	1.8	(0.0)	31.9	2/21/19 19:15	(18.8)	31.5	0.0	20.8
2/21/19 6:30	57.5	(2.6)	0.0	56.3	2/21/19 19:30	8.1	15.4	0.0	21.1
2/21/19 6:45	33.5	22.9	(0.1)	56.4	2/21/19 19:45	(13.0)	(14.1)	0.0	(26.8)
2/21/19 7:00	(11.6)	26.8	(0.9)	22.3	2/21/19 20:00	(34.2)	(10.3)	0.0	(44.3)
2/21/19 7:15	26.6	29.4	(3.0)	52.7	2/21/19 20:15	(9.1)	(43.4)	0.0	(44.9)
2/21/19 7:30	(18.6)	16.7	(3.1)	(8.5)	2/21/19 20:30	(15.4)	(28.8)	0.0	(44.1)
2/21/19 7:45	(17.0)	21.6	(11.3)	15.3	2/21/19 20:45	(41.3)	24.4	0.0	(20.1)
2/21/19 8:00	(14.7)	18.5	(27.7)	(21.3)	2/21/19 21:00	(12.7)	15.2	0.0	14.2
2/21/19 8:15	(10.3)	(5.1)	(14.2)	(27.8)	2/21/19 21:15	(4.4)	12.0	0.0	7.6
2/21/19 8:30	(30.4)	(7.3)	(13.7)	(51.4)	2/21/19 21:30	(49.4)	17.5	0.0	(31.8)
2/21/19 8:45	(31.2)	(12.8)	5.4	(39.8)	2/21/19 21:45	(22.9)	38.0	(0.0)	17.4
2/21/19 9:00	9.4	(9.4)	9.5	6.4	2/21/19 22:00	(34.4)	38.6	0.0	4.8
2/21/19 9:15	12.3	(14.0)	(10.7)	(11.9)	2/21/19 22:15	(48.9)	17.2	(0.0)	(31.7)
2/21/19 9:30	(14.5)	(23.9)	(8.3)	(40.9)	2/21/19 22:30	(21.6)	18.8	(0.0)	(8.1)
2/21/19 9:45	12.6	(45.3)	(6.0)	(41.9)	2/21/19 22:45	(33.9)	13.6	0.0	(20.3)
2/21/19 10:00	(15.4)	(39.1)	6.4	(54.5)	2/21/19 23:00	(45.2)	7.1	(0.0)	(38.1)
2/21/19 10:15	(37.0)	(30.0)	9.0	(59.5)	2/21/19 23:15	10.6	20.1	(0.0)	23.7
2/21/19 10:30	(19.0)	(7.7)	(2.5)	(26.1)	2/21/19 23:30	(37.2)	30.4	0.0	(9.4)
2/21/19 10:45	15.0	18.2	(6.8)	21.0	2/21/19 23:45	9.5	41.4	(0.0)	49.9
2/21/19 11:00	(15.4)	4.6	(6.8)	(17.9)	2/22/19 0:00	17.9	104.1	(0.0)	122.0

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/22/19 0:15	(36.5)	49.5	(0.0)	13.0	2/22/19 13:15	15.1	(40.7)	0.5	(26.1)
2/22/19 0:30	14.5	15.6	0.0	27.7	2/22/19 13:30	(12.6)	(76.9)	5.4	(79.7)
2/22/19 0:45	(5.6)	7.2	0.0	1.8	2/22/19 13:45	25.6	(76.4)	(7.7)	(61.8)
2/22/19 1:00	(22.2)	6.0	0.0	(16.7)	2/22/19 14:00	12.4	(48.1)	0.7	(49.5)
2/22/19 1:15	13.5	5.7	0.0	17.1	2/22/19 14:15	35.9	(23.7)	7.2	19.3
2/22/19 1:30	(5.4)	13.0	0.0	8.2	2/22/19 14:30	16.1	(28.5)	3.3	(11.6)
2/22/19 1:45	(36.2)	10.7	0.0	(26.8)	2/22/19 14:45	(21.0)	9.5	(4.0)	(20.1)
2/22/19 2:00	21.5	7.3	0.0	26.7	2/22/19 15:00	33.6	21.6	(6.5)	54.3
2/22/19 2:15	10.9	3.5	(0.0)	14.4	2/22/19 15:15	20.8	(5.4)	12.1	32.9
2/22/19 2:30	(4.5)	(1.0)	0.0	(4.1)	2/22/19 15:30	(57.6)	14.2	33.1	(23.8)
2/22/19 2:45	(12.8)	3.4	0.0	(10.5)	2/22/19 15:45	39.4	51.1	20.3	109.9
2/22/19 3:00	6.0	(16.7)	0.0	(17.9)	2/22/19 16:00	15.2	56.1	7.3	76.0
2/22/19 3:15	7.8	(65.7)	0.0	(65.1)	2/22/19 16:15	(18.7)	43.3	(8.2)	23.4
2/22/19 3:30	13.1	(8.9)	0.0	(19.7)	2/22/19 16:30	29.6	44.6	11.9	83.3
2/22/19 3:45	16.7	4.0	0.0	20.8	2/22/19 16:45	20.3	37.1	18.2	74.0
2/22/19 4:00	15.9	5.3	0.0	21.3	2/22/19 17:00	15.2	44.0	1.0	54.1
2/22/19 4:15	8.8	5.9	0.0	12.6	2/22/19 17:15	49.2	54.0	2.2	105.5
2/22/19 4:30	26.1	(4.8)	0.0	21.3	2/22/19 17:30	30.6	51.2	2.1	83.9
2/22/19 4:45	23.9	(5.5)	0.0	18.7	2/22/19 17:45	14.4	18.3	1.0	30.3
2/22/19 5:00	(6.4)	(6.5)	0.0	(10.8)	2/22/19 18:00	(20.9)	3.4	0.0	(19.9)
2/22/19 5:15	54.2	(11.2)	0.0	43.7	2/22/19 18:15	(21.5)	(19.5)	(0.0)	(37.7)
2/22/19 5:30	37.2	(2.0)	0.0	35.6	2/22/19 18:30	(4.2)	(1.8)	0.0	(5.8)
2/22/19 5:45	30.7	(2.1)	0.0	29.4	2/22/19 18:45	(39.6)	(20.5)	(0.0)	(60.1)
2/22/19 6:00	44.6	(0.8)	(0.0)	44.4	2/22/19 19:00	(24.3)	(13.1)	0.0	(31.5)
2/22/19 6:15	(9.4)	3.2	0.0	7.0	2/22/19 19:15	6.5	(8.1)	0.0	(8.6)
2/22/19 6:30	36.4	1.5	(0.0)	36.8	2/22/19 19:30	(10.5)	(2.8)	(0.0)	(13.3)
2/22/19 6:45	5.9	2.5	(0.0)	7.5	2/22/19 19:45	(38.6)	9.5	(0.0)	(29.3)
2/22/19 7:00	56.6	(5.4)	(0.9)	50.6	2/22/19 20:00	20.7	7.2	(0.0)	25.6
2/22/19 7:15	20.4	(4.1)	(5.5)	11.9	2/22/19 20:15	(1.8)	1.7	0.0	2.2
2/22/19 7:30	7.4	0.5	(12.5)	(6.5)	2/22/19 20:30	(42.4)	9.4	(0.0)	(33.1)
2/22/19 7:45	(25.7)	6.0	(11.1)	(30.6)	2/22/19 20:45	(8.0)	(8.0)	(0.0)	(8.7)
2/22/19 8:00	4.0	12.5	(12.9)	4.0	2/22/19 21:00	(25.1)	4.7	(0.0)	(20.8)
2/22/19 8:15	(3.0)	1.9	(13.0)	(12.8)	2/22/19 21:15	(27.2)	9.8	0.0	(17.4)
2/22/19 8:30	30.3	(1.2)	(16.9)	17.2	2/22/19 21:30	(26.7)	3.1	0.0	(25.1)
2/22/19 8:45	15.1	(4.0)	7.3	18.2	2/22/19 21:45	(24.4)	(5.5)	(0.0)	(29.8)
2/22/19 9:00	19.7	1.9	(6.6)	16.6	2/22/19 22:00	(37.0)	(1.1)	(0.0)	(37.3)
2/22/19 9:15	(22.2)	(9.4)	(7.1)	(38.1)	2/22/19 22:15	(26.1)	(3.7)	(0.0)	(29.7)
2/22/19 9:30	19.5	(5.4)	10.1	26.0	2/22/19 22:30	14.2	17.6	(0.0)	31.8
2/22/19 9:45	2.0	1.7	4.8	7.6	2/22/19 22:45	(13.9)	5.0	0.1	(14.2)
2/22/19 10:00	(29.9)	(1.5)	(8.8)	(40.2)	2/22/19 23:00	(66.2)	11.8	(0.0)	(54.4)
2/22/19 10:15	12.8	(5.2)	2.6	11.4	2/22/19 23:15	12.0	9.0	(0.0)	18.2
2/22/19 10:30	(4.1)	(6.9)	(11.1)	(20.4)	2/22/19 23:30	(20.8)	7.3	(0.0)	(13.5)
2/22/19 10:45	(26.5)	(17.5)	(2.4)	(45.8)	2/22/19 23:45	(35.5)	16.2	0.0	(19.6)
2/22/19 11:00	(26.0)	(9.0)	(12.5)	(36.9)	2/23/19 0:00	(22.5)	2.8	(0.0)	(21.8)
2/22/19 11:15	16.8	(9.0)	(4.3)	(6.8)	2/23/19 0:15	10.5	(7.5)	0.0	5.0
2/22/19 11:30	(8.9)	(4.0)	4.8	(8.1)	2/23/19 0:30	(24.6)	(11.0)	0.0	(35.6)
2/22/19 11:45	(48.5)	(21.2)	2.7	(67.2)	2/23/19 0:45	(24.0)	(2.5)	0.0	(25.4)
2/22/19 12:00	(17.0)	(35.1)	7.4	(44.7)	2/23/19 1:00	(11.2)	(15.3)	0.0	(24.5)
2/22/19 12:15	3.3	(24.2)	(4.1)	(23.7)	2/23/19 1:15	(19.7)	(21.7)	0.0	(41.4)
2/22/19 12:30	21.3	(17.0)	(4.6)	(3.9)	2/23/19 1:30	9.7	(18.8)	(0.0)	(22.6)
2/22/19 12:45	(4.9)	(19.3)	(5.9)	(30.0)	2/23/19 1:45	(9.9)	(9.8)	0.0	(18.8)
2/22/19 13:00	(14.2)	(38.3)	(0.7)	(53.0)	2/23/19 2:00	(14.6)	(10.8)	0.0	(22.7)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/23/19 2:15	(20.2)	(18.6)	(0.0)	(31.3)	2/23/19 15:15	12.8	(4.7)	0.6	9.2
2/23/19 2:30	22.4	(30.6)	(0.0)	(15.2)	2/23/19 15:30	38.5	(14.2)	1.4	25.7
2/23/19 2:45	(16.3)	(13.9)	0.0	(29.2)	2/23/19 15:45	10.0	3.1	3.6	16.4
2/23/19 3:00	(16.3)	(13.5)	(0.0)	(25.6)	2/23/19 16:00	7.9	(6.1)	9.3	8.2
2/23/19 3:15	19.7	(25.9)	0.0	(12.6)	2/23/19 16:15	(18.4)	(5.4)	17.0	(13.2)
2/23/19 3:30	(18.4)	(26.3)	(0.0)	(44.7)	2/23/19 16:30	50.2	(28.9)	21.4	51.5
2/23/19 3:45	10.1	(21.1)	(0.0)	(17.1)	2/23/19 16:45	25.9	(37.5)	23.6	33.8
2/23/19 4:00	(7.6)	(10.2)	0.0	(15.0)	2/23/19 17:00	22.8	35.3	20.7	72.4
2/23/19 4:15	15.9	(16.6)	(0.0)	(18.0)	2/23/19 17:15	23.0	8.9	18.0	35.9
2/23/19 4:30	(21.2)	(31.4)	(0.0)	(51.9)	2/23/19 17:30	41.6	1.0	10.9	53.3
2/23/19 4:45	39.4	(17.7)	(0.0)	22.9	2/23/19 17:45	66.1	(13.4)	3.5	56.3
2/23/19 5:00	17.4	(31.3)	0.0	(13.9)	2/23/19 18:00	39.5	(25.4)	0.3	20.2
2/23/19 5:15	(14.8)	(36.0)	(0.0)	(46.2)	2/23/19 18:15	(7.8)	(18.2)	0.0	(22.3)
2/23/19 5:30	(6.0)	(22.5)	0.0	(25.3)	2/23/19 18:30	40.5	(30.0)	(0.1)	13.7
2/23/19 5:45	11.4	(26.9)	0.0	(15.5)	2/23/19 18:45	3.2	(26.8)	0.0	(23.7)
2/23/19 6:00	21.1	(45.7)	0.0	(24.6)	2/23/19 19:00	(16.6)	(18.1)	(0.0)	(34.0)
2/23/19 6:15	21.8	(25.2)	(0.0)	(4.9)	2/23/19 19:15	(11.0)	(25.6)	(0.0)	(30.5)
2/23/19 6:30	14.2	(9.4)	(0.0)	5.6	2/23/19 19:30	(4.8)	(17.7)	(0.0)	(18.8)
2/23/19 6:45	6.8	2.1	0.0	7.5	2/23/19 19:45	(9.8)	39.6	(0.0)	32.2
2/23/19 7:00	17.3	(6.0)	(0.5)	10.9	2/23/19 20:00	(43.6)	57.3	0.0	15.8
2/23/19 7:15	17.5	(31.5)	(1.6)	(16.1)	2/23/19 20:15	11.7	20.2	0.0	30.5
2/23/19 7:30	14.9	(12.9)	(2.8)	(2.5)	2/23/19 20:30	7.6	(8.8)	(0.0)	(8.5)
2/23/19 7:45	16.3	(14.8)	(10.6)	(9.7)	2/23/19 20:45	(27.5)	(20.3)	(0.0)	(47.8)
2/23/19 8:00	56.9	(18.1)	(19.0)	20.2	2/23/19 21:00	(18.2)	5.9	(0.0)	(16.9)
2/23/19 8:15	18.8	(11.5)	(15.3)	(8.0)	2/23/19 21:15	(13.7)	31.2	(0.0)	21.1
2/23/19 8:30	6.5	(12.5)	(7.1)	(13.8)	2/23/19 21:30	(23.3)	40.4	(0.0)	17.1
2/23/19 8:45	(17.6)	(20.0)	(2.4)	(37.4)	2/23/19 21:45	(43.5)	40.5	0.0	(5.1)
2/23/19 9:00	21.6	(23.3)	(11.8)	(15.6)	2/23/19 22:00	(21.0)	17.8	(0.0)	9.0
2/23/19 9:15	8.7	(17.4)	(12.1)	(21.9)	2/23/19 22:15	(26.8)	35.8	(0.0)	10.0
2/23/19 9:30	(58.2)	(14.1)	(10.0)	(82.3)	2/23/19 22:30	(47.5)	21.6	0.0	(26.8)
2/23/19 9:45	(20.3)	(6.7)	(13.6)	(38.8)	2/23/19 22:45	(15.0)	24.8	0.0	11.1
2/23/19 10:00	(4.3)	3.9	(7.8)	(7.3)	2/23/19 23:00	(18.4)	41.8	0.0	23.8
2/23/19 10:15	(43.9)	(10.9)	(3.6)	(58.3)	2/23/19 23:15	(23.4)	6.6	0.0	(19.9)
2/23/19 10:30	26.0	(31.0)	(0.2)	(5.7)	2/23/19 23:30	(8.7)	(11.7)	(0.0)	(16.4)
2/23/19 10:45	(44.4)	(19.5)	0.5	(63.4)	2/23/19 23:45	(10.6)	8.8	(0.0)	(2.6)
2/23/19 11:00	17.0	(13.9)	0.9	(10.7)	2/24/19 0:00	(40.4)	(7.1)	0.0	(44.3)
2/23/19 11:15	28.4	(6.4)	1.9	23.9	2/24/19 0:15	10.1	(6.0)	(0.0)	7.4
2/23/19 11:30	(48.8)	(1.3)	0.5	(49.1)	2/24/19 0:30	(16.4)	41.9	0.0	25.5
2/23/19 11:45	19.8	(13.4)	2.8	9.0	2/24/19 0:45	(38.4)	13.7	0.0	(27.9)
2/23/19 12:00	(7.9)	6.6	(0.5)	(6.6)	2/24/19 1:00	(11.7)	(11.6)	(0.0)	(23.2)
2/23/19 12:15	(8.6)	(16.8)	(2.9)	(25.4)	2/24/19 1:15	(8.4)	22.4	(0.0)	20.8
2/23/19 12:30	(35.7)	6.2	(3.2)	(34.3)	2/24/19 1:30	(3.3)	11.6	0.0	9.8
2/23/19 12:45	23.3	35.7	(1.8)	54.3	2/24/19 1:45	(24.0)	(8.3)	0.0	(31.4)
2/23/19 13:00	(10.1)	17.3	(1.6)	(11.3)	2/24/19 2:00	10.6	(7.7)	0.0	9.1
2/23/19 13:15	(45.6)	(7.9)	(2.6)	(54.6)	2/24/19 2:15	11.0	31.2	(0.0)	41.3
2/23/19 13:30	23.5	15.8	(2.4)	36.3	2/24/19 2:30	(25.9)	60.3	(0.0)	34.4
2/23/19 13:45	(6.7)	(17.9)	(2.7)	(26.5)	2/24/19 2:45	9.8	34.9	0.0	40.6
2/23/19 14:00	(19.6)	40.6	(1.7)	20.7	2/24/19 3:00	8.7	12.6	(0.0)	20.9
2/23/19 14:15	(15.4)	48.5	(1.0)	46.1	2/24/19 3:15	(23.4)	10.1	0.0	(14.8)
2/23/19 14:30	17.3	(7.3)	0.2	14.3	2/24/19 3:30	26.2	9.9	0.0	36.1
2/23/19 14:45	3.4	(6.7)	0.3	(4.7)	2/24/19 3:45	2.3	26.4	(0.0)	28.0
2/23/19 15:00	(37.4)	36.3	0.3	(1.9)	2/24/19 4:00	(10.2)	28.3	0.0	22.2

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/24/19 4:15	(18.2)	19.5	0.0	7.4	2/24/19 17:15	30.6	(66.7)	12.8	(23.3)
2/24/19 4:30	(3.1)	27.3	0.0	26.8	2/24/19 17:30	56.3	(65.1)	7.0	(6.4)
2/24/19 4:45	19.4	27.2	(0.0)	44.9	2/24/19 17:45	28.8	(17.1)	2.5	17.9
2/24/19 5:00	26.8	28.3	(0.0)	55.1	2/24/19 18:00	76.3	14.8	0.2	91.3
2/24/19 5:15	23.9	27.3	0.0	51.2	2/24/19 18:15	31.4	(5.1)	(0.0)	28.0
2/24/19 5:30	21.2	11.1	0.0	31.2	2/24/19 18:30	12.8	(17.4)	(0.0)	(5.7)
2/24/19 5:45	14.2	16.3	(0.0)	26.6	2/24/19 18:45	(17.6)	9.8	(0.0)	(17.0)
2/24/19 6:00	24.3	23.6	(0.0)	47.1	2/24/19 19:00	13.2	23.8	(0.0)	33.2
2/24/19 6:15	9.3	(4.1)	0.0	9.4	2/24/19 19:15	5.2	16.4	(0.0)	20.0
2/24/19 6:30	(25.4)	(12.8)	(0.0)	(37.7)	2/24/19 19:30	(32.3)	8.0	0.0	(24.6)
2/24/19 6:45	25.6	(7.5)	(0.8)	26.2	2/24/19 19:45	(12.3)	(21.7)	(0.0)	(23.7)
2/24/19 7:00	29.0	38.4	(5.6)	61.7	2/24/19 20:00	45.5	(29.0)	0.0	16.5
2/24/19 7:15	6.2	57.6	(17.2)	46.4	2/24/19 20:15	(21.8)	(11.9)	0.0	(31.7)
2/24/19 7:30	(25.4)	43.6	(18.6)	(10.9)	2/24/19 20:30	(34.6)	(5.7)	0.0	(38.3)
2/24/19 7:45	14.7	11.7	(17.2)	8.2	2/24/19 20:45	18.1	14.5	(0.0)	28.8
2/24/19 8:00	7.6	(28.5)	(26.5)	(50.4)	2/24/19 21:00	(11.8)	17.1	0.0	5.3
2/24/19 8:15	(19.5)	(31.9)	(21.7)	(68.7)	2/24/19 21:15	(34.1)	26.0	(0.0)	(10.9)
2/24/19 8:30	21.1	(17.4)	(6.7)	(18.1)	2/24/19 21:30	(16.5)	31.1	0.0	16.5
2/24/19 8:45	8.1	(17.3)	7.3	(3.9)	2/24/19 21:45	(24.7)	16.4	0.0	(9.8)
2/24/19 9:00	(14.1)	(13.9)	(7.5)	(27.7)	2/24/19 22:00	(70.3)	23.5	(0.0)	(46.8)
2/24/19 9:15	12.7	(26.7)	2.1	(17.3)	2/24/19 22:15	(13.1)	13.3	(0.0)	15.8
2/24/19 9:30	2.4	(43.5)	(5.6)	(46.8)	2/24/19 22:30	(29.4)	4.5	0.0	(25.2)
2/24/19 9:45	(28.6)	(30.1)	(3.4)	(61.6)	2/24/19 22:45	(53.5)	20.0	0.0	(34.6)
2/24/19 10:00	(17.0)	(7.2)	5.4	(20.2)	2/24/19 23:00	(15.1)	36.5	(0.0)	22.8
2/24/19 10:15	50.6	(15.0)	(3.7)	33.9	2/24/19 23:15	(13.9)	28.1	0.0	15.0
2/24/19 10:30	(10.5)	(10.8)	(6.2)	(26.4)	2/24/19 23:30	(39.3)	12.3	0.0	(28.2)
2/24/19 10:45	(21.8)	(31.0)	4.2	(49.2)	2/24/19 23:45	(6.4)	21.8	(0.0)	21.7
2/24/19 11:00	(11.7)	(37.7)	5.9	(35.3)	2/25/19 0:00	(16.5)	32.4	0.0	17.8
2/24/19 11:15	5.7	5.5	5.6	14.0	2/25/19 0:15	(18.2)	38.5	(0.0)	22.6
2/24/19 11:30	(9.8)	(32.3)	(5.3)	(47.2)	2/25/19 0:30	(8.1)	71.6	0.0	70.0
2/24/19 11:45	(36.6)	(15.4)	(1.0)	(52.5)	2/25/19 0:45	1.6	44.5	0.0	44.7
2/24/19 12:00	(5.3)	(32.2)	4.8	(28.1)	2/25/19 1:00	(36.7)	37.9	(0.0)	5.8
2/24/19 12:15	23.5	(15.9)	12.9	19.9	2/25/19 1:15	14.7	55.6	0.0	67.2
2/24/19 12:30	(4.3)	(17.4)	(6.7)	(27.9)	2/25/19 1:30	(4.1)	26.3	0.0	23.3
2/24/19 12:45	(46.3)	(28.8)	(12.6)	(87.8)	2/25/19 1:45	(16.9)	27.1	(0.0)	13.0
2/24/19 13:00	20.1	(33.5)	(1.9)	(15.4)	2/25/19 2:00	13.8	27.4	(0.0)	37.4
2/24/19 13:15	11.4	(63.6)	3.3	(49.0)	2/25/19 2:15	7.1	73.4	0.0	80.2
2/24/19 13:30	(23.3)	(19.2)	1.1	(42.1)	2/25/19 2:30	(25.1)	61.7	0.0	37.1
2/24/19 13:45	10.3	(2.8)	(1.4)	(7.5)	2/25/19 2:45	25.7	33.7	(0.0)	59.4
2/24/19 14:00	(2.6)	(48.5)	8.5	(40.8)	2/25/19 3:00	10.0	50.9	0.0	60.9
2/24/19 14:15	(19.0)	(48.0)	(3.9)	(68.4)	2/25/19 3:15	(15.8)	35.6	0.0	21.5
2/24/19 14:30	(19.2)	38.8	(10.6)	37.9	2/25/19 3:30	18.0	23.9	(0.0)	41.8
2/24/19 14:45	16.5	19.5	8.8	38.8	2/25/19 3:45	16.5	19.0	(0.0)	35.4
2/24/19 15:00	12.2	(4.7)	(4.2)	8.8	2/25/19 4:00	(16.4)	12.9	0.0	(9.3)
2/24/19 15:15	(26.7)	4.0	9.1	(15.1)	2/25/19 4:15	(17.8)	(4.5)	0.0	(20.4)
2/24/19 15:30	37.8	(11.9)	(5.4)	23.4	2/25/19 4:30	22.3	2.6	0.0	24.2
2/24/19 15:45	11.1	(28.5)	(5.0)	(22.4)	2/25/19 4:45	18.7	6.6	0.0	23.1
2/24/19 16:00	(9.6)	(14.2)	13.3	(5.2)	2/25/19 5:00	26.5	4.8	(0.0)	29.3
2/24/19 16:15	45.5	(16.3)	25.5	54.6	2/25/19 5:15	46.6	(3.7)	0.0	42.9
2/24/19 16:30	35.9	(32.6)	22.0	25.2	2/25/19 5:30	39.4	10.2	(0.0)	49.5
2/24/19 16:45	31.1	(45.5)	17.3	5.3	2/25/19 5:45	35.6	15.1	(0.0)	50.6
2/24/19 17:00	15.3	(44.0)	14.9	(17.6)	2/25/19 6:00	63.3	14.6	0.0	78.0

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/25/19 6:15	48.4	16.4	(0.0)	64.8	2/25/19 19:15	17.8	33.0	0.0	50.8
2/25/19 6:30	7.9	15.2	(0.0)	20.5	2/25/19 19:30	10.8	20.5	(0.0)	30.4
2/25/19 6:45	61.5	4.8	(0.9)	65.4	2/25/19 19:45	(3.8)	14.1	0.0	10.4
2/25/19 7:00	18.9	5.8	(6.1)	19.1	2/25/19 20:00	(34.9)	5.4	0.0	(30.3)
2/25/19 7:15	(23.9)	7.6	(17.2)	(33.5)	2/25/19 20:15	10.7	(9.0)	(0.0)	(11.8)
2/25/19 7:30	14.8	6.5	(21.2)	(11.0)	2/25/19 20:30	(19.5)	6.6	(0.0)	(13.6)
2/25/19 7:45	(3.9)	7.3	(16.5)	(12.7)	2/25/19 20:45	(41.7)	16.8	0.0	(26.8)
2/25/19 8:00	(26.6)	5.0	(24.4)	(45.7)	2/25/19 21:00	(13.6)	(10.2)	0.0	(23.6)
2/25/19 8:15	(29.2)	4.5	(10.0)	(33.7)	2/25/19 21:15	(14.1)	(12.6)	(0.0)	(26.7)
2/25/19 8:30	3.0	(1.8)	(9.7)	(11.0)	2/25/19 21:30	(43.2)	(13.0)	0.0	(56.2)
2/25/19 8:45	(2.6)	2.7	(4.1)	(4.0)	2/25/19 21:45	(26.8)	(29.6)	(0.0)	(56.4)
2/25/19 9:00	(11.7)	4.0	(18.5)	(26.2)	2/25/19 22:00	(36.7)	(17.0)	(0.0)	(53.8)
2/25/19 9:15	(16.2)	0.5	(1.5)	(16.0)	2/25/19 22:15	(47.4)	25.0	(0.0)	(23.0)
2/25/19 9:30	(12.7)	(2.1)	(2.1)	(15.9)	2/25/19 22:30	(22.2)	12.2	0.0	(20.3)
2/25/19 9:45	(11.1)	(6.7)	(3.7)	(21.4)	2/25/19 22:45	25.2	7.7	0.0	30.2
2/25/19 10:00	(8.6)	(6.0)	1.2	(13.0)	2/25/19 23:00	(48.6)	(5.1)	(0.0)	(51.1)
2/25/19 10:15	6.2	(0.7)	1.7	7.6	2/25/19 23:15	(8.9)	(19.6)	0.0	(24.0)
2/25/19 10:30	(14.0)	(1.1)	4.1	(13.2)	2/25/19 23:30	(24.9)	(39.6)	0.0	(64.5)
2/25/19 10:45	(10.0)	3.3	4.1	(3.1)	2/25/19 23:45	(32.2)	(17.0)	(0.0)	(49.2)
2/25/19 11:00	(21.9)	2.6	6.5	(13.2)	2/26/19 0:00	(8.8)	12.9	0.0	9.0
2/25/19 11:15	(24.1)	3.2	(5.0)	(25.8)	2/26/19 0:15	(6.1)	7.0	(0.0)	4.9
2/25/19 11:30	(6.5)	5.1	(5.8)	(7.8)	2/26/19 0:30	(45.6)	15.0	0.0	(32.8)
2/25/19 11:45	(9.0)	(0.9)	5.0	(4.8)	2/26/19 0:45	16.1	7.7	0.0	22.7
2/25/19 12:00	(6.7)	(4.6)	7.9	(5.3)	2/26/19 1:00	2.3	9.5	(0.0)	10.1
2/25/19 12:15	(5.5)	(5.6)	(7.1)	(17.7)	2/26/19 1:15	(27.1)	(3.4)	(0.0)	(29.2)
2/25/19 12:30	(8.4)	(6.3)	(3.2)	(16.8)	2/26/19 1:30	(13.6)	(2.6)	(0.0)	(12.3)
2/25/19 12:45	(8.1)	(24.6)	3.5	(29.2)	2/26/19 1:45	(4.4)	(22.8)	0.0	(24.8)
2/25/19 13:00	(2.7)	(4.0)	(3.1)	(7.4)	2/26/19 2:00	15.0	(7.0)	0.0	8.1
2/25/19 13:15	(3.4)	(19.7)	2.6	(20.3)	2/26/19 2:15	(21.8)	(9.2)	0.0	(31.0)
2/25/19 13:30	(3.9)	(15.2)	2.4	(15.2)	2/26/19 2:30	14.0	15.1	(0.0)	26.9
2/25/19 13:45	(6.0)	(25.0)	(5.1)	(34.5)	2/26/19 2:45	6.1	32.0	0.0	38.2
2/25/19 14:00	(9.2)	(12.1)	3.1	(19.6)	2/26/19 3:00	(38.2)	8.2	(0.0)	(31.4)
2/25/19 14:15	4.3	(6.8)	3.8	3.7	2/26/19 3:15	35.8	8.5	0.0	44.0
2/25/19 14:30	6.3	(2.5)	(2.4)	4.1	2/26/19 3:30	13.4	4.0	(0.0)	17.0
2/25/19 14:45	26.6	(3.0)	3.9	27.8	2/26/19 3:45	10.2	1.1	(0.0)	9.8
2/25/19 15:00	2.0	(21.3)	9.0	(12.4)	2/26/19 4:00	18.1	3.9	0.0	21.1
2/25/19 15:15	(19.1)	(28.1)	(4.4)	(47.4)	2/26/19 4:15	32.8	22.3	(0.0)	55.0
2/25/19 15:30	20.8	(26.6)	12.4	11.5	2/26/19 4:30	22.2	10.3	0.0	32.5
2/25/19 15:45	14.5	(9.4)	5.0	10.9	2/26/19 4:45	16.5	2.7	(0.0)	17.7
2/25/19 16:00	(11.3)	1.9	12.9	15.3	2/26/19 5:00	47.6	(2.0)	0.0	46.5
2/25/19 16:15	17.4	1.3	36.1	40.7	2/26/19 5:15	36.5	8.2	0.0	44.1
2/25/19 16:30	39.9	(7.8)	11.4	43.4	2/26/19 5:30	7.1	1.5	(0.0)	6.2
2/25/19 16:45	21.4	(29.1)	5.7	(7.0)	2/26/19 5:45	45.5	(2.5)	0.0	43.0
2/25/19 17:00	10.1	(37.3)	9.8	(19.9)	2/26/19 6:00	36.9	1.5	0.0	36.4
2/25/19 17:15	35.5	(5.2)	10.2	42.8	2/26/19 6:15	31.3	7.0	(0.0)	37.8
2/25/19 17:30	52.8	4.6	6.0	63.4	2/26/19 6:30	44.5	3.1	0.0	47.6
2/25/19 17:45	46.1	28.6	2.7	77.4	2/26/19 6:45	19.8	2.6	(0.9)	21.5
2/25/19 18:00	12.5	40.7	0.3	53.6	2/26/19 7:00	(12.0)	1.3	(4.9)	(14.6)
2/25/19 18:15	38.8	45.1	(0.0)	83.8	2/26/19 7:15	34.6	(4.6)	(6.5)	23.6
2/25/19 18:30	26.8	27.4	0.0	54.3	2/26/19 7:30	7.9	(9.5)	(13.9)	(15.9)
2/25/19 18:45	9.2	7.8	(0.0)	17.0	2/26/19 7:45	(35.7)	(15.3)	(13.4)	(64.4)
2/25/19 19:00	(47.6)	5.6	(0.0)	(42.0)	2/26/19 8:00	9.5	(7.2)	(14.5)	(17.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/26/19 8:15	5.2	9.6	(13.2)	4.1	2/26/19 21:15	13.9	(3.6)	0.0	(12.2)
2/26/19 8:30	(32.2)	4.2	(28.2)	(56.3)	2/26/19 21:30	(32.9)	12.7	0.0	(20.2)
2/26/19 8:45	(26.5)	(6.6)	(20.2)	(53.3)	2/26/19 21:45	(47.7)	17.8	0.0	(29.8)
2/26/19 9:00	16.8	(5.2)	(7.4)	(11.8)	2/26/19 22:00	(24.5)	(3.9)	(0.0)	(26.5)
2/26/19 9:15	(11.0)	(16.5)	(8.7)	(31.5)	2/26/19 22:15	(27.2)	(8.6)	(0.0)	(35.8)
2/26/19 9:30	(16.0)	(7.4)	3.7	(20.6)	2/26/19 22:30	(42.7)	(49.4)	0.0	(92.1)
2/26/19 9:45	(32.4)	(6.8)	2.0	(36.9)	2/26/19 22:45	28.5	(45.2)	0.0	(16.7)
2/26/19 10:00	11.7	(14.2)	6.1	(10.1)	2/26/19 23:00	(32.4)	(25.0)	(0.0)	(55.7)
2/26/19 10:15	(5.4)	(12.0)	4.1	(13.4)	2/26/19 23:15	(16.2)	(7.4)	0.0	(21.3)
2/26/19 10:30	(37.8)	2.7	(7.5)	(39.0)	2/26/19 23:30	(18.5)	3.4	(0.0)	(15.6)
2/26/19 10:45	(24.1)	22.7	11.3	12.1	2/26/19 23:45	(23.4)	20.4	0.0	(5.9)
2/26/19 11:00	11.1	20.4	(5.8)	26.6	2/27/19 0:00	(19.1)	22.2	0.0	12.0
2/26/19 11:15	(9.6)	14.8	(4.4)	6.6	2/27/19 0:15	(13.0)	(23.2)	(0.0)	(34.0)
2/26/19 11:30	(44.5)	4.0	(4.3)	(42.0)	2/27/19 0:30	(9.8)	(22.3)	0.0	(31.2)
2/26/19 11:45	(12.0)	4.2	(2.5)	15.5	2/27/19 0:45	(18.3)	(12.7)	0.0	(31.0)
2/26/19 12:00	5.0	2.4	4.8	8.2	2/27/19 1:00	13.3	9.3	0.0	21.5
2/26/19 12:15	(13.7)	(9.2)	11.7	(20.3)	2/27/19 1:15	(7.5)	(6.9)	0.0	(12.2)
2/26/19 12:30	(34.1)	(5.6)	(11.7)	(49.7)	2/27/19 1:30	(32.8)	9.3	(0.0)	(23.6)
2/26/19 12:45	8.9	(2.0)	(4.0)	(12.4)	2/27/19 1:45	27.7	(13.7)	0.0	14.2
2/26/19 13:00	10.0	(7.1)	(2.4)	(7.2)	2/27/19 2:00	10.9	(25.1)	(0.0)	(14.8)
2/26/19 13:15	(30.4)	(14.0)	6.8	(36.6)	2/27/19 2:15	(11.0)	(13.8)	0.0	(21.0)
2/26/19 13:30	17.0	(12.7)	6.7	(12.8)	2/27/19 2:30	11.7	(42.2)	0.0	(34.2)
2/26/19 13:45	6.7	(23.9)	1.7	(18.2)	2/27/19 2:45	6.8	(16.6)	0.0	(10.8)
2/26/19 14:00	(9.7)	(22.5)	(10.4)	(38.3)	2/27/19 3:00	7.1	36.7	0.0	37.2
2/26/19 14:15	(26.9)	3.2	(9.8)	(34.2)	2/27/19 3:15	7.7	53.0	(0.0)	58.7
2/26/19 14:30	24.3	12.8	(3.6)	32.2	2/27/19 3:30	4.3	43.9	0.0	45.4
2/26/19 14:45	(2.8)	(2.3)	2.1	(4.9)	2/27/19 3:45	11.2	58.1	(0.0)	59.8
2/26/19 15:00	(31.5)	(17.1)	(1.6)	(49.9)	2/27/19 4:00	27.6	57.5	0.0	85.1
2/26/19 15:15	28.1	(3.8)	1.1	31.5	2/27/19 4:15	15.3	35.9	0.0	50.3
2/26/19 15:30	7.9	13.4	1.6	22.9	2/27/19 4:30	(13.7)	13.6	0.0	16.4
2/26/19 15:45	13.1	10.4	5.0	25.9	2/27/19 4:45	39.1	21.8	(0.0)	59.0
2/26/19 16:00	(19.0)	17.9	9.3	11.5	2/27/19 5:00	(26.5)	12.3	0.0	(14.5)
2/26/19 16:15	57.9	11.7	15.0	84.6	2/27/19 5:15	10.7	(2.8)	0.0	9.7
2/26/19 16:30	24.1	(7.6)	20.8	39.6	2/27/19 5:30	54.6	(5.4)	0.0	50.2
2/26/19 16:45	12.1	(6.6)	24.4	24.5	2/27/19 5:45	40.2	6.8	(0.0)	46.9
2/26/19 17:00	37.5	(1.2)	22.6	58.9	2/27/19 6:00	55.4	2.2	0.0	57.5
2/26/19 17:15	24.1	(8.8)	18.1	33.4	2/27/19 6:15	51.5	(4.2)	(0.0)	47.3
2/26/19 17:30	19.0	1.9	11.8	30.2	2/27/19 6:30	53.9	2.5	0.0	55.8
2/26/19 17:45	23.4	9.2	3.1	30.6	2/27/19 6:45	31.7	(4.6)	(0.1)	27.5
2/26/19 18:00	47.2	1.9	0.2	47.6	2/27/19 7:00	36.1	(3.0)	(3.9)	31.8
2/26/19 18:15	39.1	(6.9)	(0.0)	32.2	2/27/19 7:15	9.8	20.5	(6.3)	22.8
2/26/19 18:30	(30.0)	(10.8)	(0.0)	(40.1)	2/27/19 7:30	16.1	16.0	(7.4)	24.6
2/26/19 18:45	27.6	(27.1)	0.0	(12.3)	2/27/19 7:45	(3.5)	16.1	(5.3)	8.4
2/26/19 19:00	(15.2)	(63.4)	0.0	(78.6)	2/27/19 8:00	7.3	17.2	(4.0)	20.7
2/26/19 19:15	(29.2)	(49.3)	0.0	(78.4)	2/27/19 8:15	11.4	10.7	(14.7)	10.0
2/26/19 19:30	17.6	(8.3)	0.0	10.0	2/27/19 8:30	(6.9)	(3.4)	(9.2)	(19.5)
2/26/19 19:45	(8.4)	(5.9)	0.0	(9.8)	2/27/19 8:45	(4.1)	(0.7)	(3.2)	(6.7)
2/26/19 20:00	(26.4)	(20.1)	0.0	(42.9)	2/27/19 9:00	(3.2)	5.6	22.8	27.4
2/26/19 20:15	(12.2)	37.3	0.0	29.8	2/27/19 9:15	(12.5)	9.8	(16.4)	(19.1)
2/26/19 20:30	(11.5)	18.6	0.0	7.1	2/27/19 9:30	2.3	(10.7)	5.0	(7.0)
2/26/19 20:45	(26.1)	12.1	0.0	(16.8)	2/27/19 9:45	(4.8)	(10.5)	(5.3)	(19.3)
2/26/19 21:00	(35.2)	5.9	0.0	(29.8)	2/27/19 10:00	(11.6)	(9.6)	(10.7)	(31.8)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/27/19 10:15	(8.1)	12.9	(10.6)	(6.1)	2/27/19 23:15	8.3	(4.6)	(0.0)	7.3
2/27/19 10:30	(9.1)	3.5	(3.3)	(9.0)	2/27/19 23:30	(1.8)	(4.6)	(0.0)	(6.3)
2/27/19 10:45	(16.4)	(6.9)	(5.6)	(28.4)	2/27/19 23:45	(1.6)	(4.6)	(0.0)	(6.1)
2/27/19 11:00	(13.8)	2.2	(4.3)	(15.5)	2/28/19 0:00	(1.9)	(4.6)	(0.0)	(6.4)
2/27/19 11:15	(19.2)	(3.3)	1.9	(20.0)	2/28/19 0:15	(1.6)	(4.6)	(0.0)	(6.2)
2/27/19 11:30	(21.6)	(11.7)	1.0	(32.5)	2/28/19 0:30	(1.7)	(4.6)	0.0	(6.3)
2/27/19 11:45	(21.1)	(9.0)	(1.4)	(31.1)	2/28/19 0:45	(1.9)	(4.6)	0.0	(6.4)
2/27/19 12:00	(23.7)	(11.7)	(2.9)	(38.3)	2/28/19 1:00	(1.8)	(4.6)	0.0	(6.4)
2/27/19 12:15	(13.0)	(22.2)	(1.1)	(35.8)	2/28/19 1:15	(1.6)	(4.6)	(0.0)	(6.1)
2/27/19 12:30	(16.4)	(7.9)	(0.5)	(24.6)	2/28/19 1:30	(1.8)	(4.6)	0.0	(6.4)
2/27/19 12:45	(4.0)	(19.5)	3.7	(18.9)	2/28/19 1:45	(1.7)	(4.6)	(0.0)	(6.3)
2/27/19 13:00	(5.3)	(12.6)	(3.4)	(21.3)	2/28/19 2:00	(1.6)	(4.6)	0.0	(6.2)
2/27/19 13:15	(6.2)	(34.4)	(1.0)	(40.7)	2/28/19 2:15	(1.7)	(4.6)	0.0	(6.2)
2/27/19 13:30	(2.4)	(42.5)	(2.5)	(46.2)	2/28/19 2:30	(1.7)	(4.6)	(0.0)	(6.3)
2/27/19 13:45	(4.0)	(6.5)	(7.8)	(17.9)	2/28/19 2:45	(1.7)	(4.6)	(0.0)	(6.3)
2/27/19 14:00	4.4	(3.6)	9.9	9.9	2/28/19 3:00	(1.6)	(4.6)	0.0	(6.1)
2/27/19 14:15	10.0	1.6	(7.5)	2.9	2/28/19 3:15	(1.9)	(4.6)	(0.0)	(6.5)
2/27/19 14:30	(4.7)	(10.7)	2.5	(13.1)	2/28/19 3:30	(1.8)	(4.6)	0.0	(6.3)
2/27/19 14:45	1.6	(13.7)	11.5	(6.2)	2/28/19 3:45	(1.6)	(4.6)	0.0	(6.2)
2/27/19 15:00	(2.6)	(6.7)	3.9	(7.2)	2/28/19 4:00	(1.5)	(4.6)	(0.0)	(6.1)
2/27/19 15:15	11.9	(23.6)	(4.5)	(15.9)	2/28/19 4:15	(1.9)	(4.6)	0.0	(6.4)
2/27/19 15:30	21.4	(45.8)	(6.7)	(30.8)	2/28/19 4:30	(1.9)	(4.6)	0.0	(6.4)
2/27/19 15:45	15.1	(29.2)	(13.1)	(27.2)	2/28/19 4:45	(1.8)	(4.6)	0.0	(6.3)
2/27/19 16:00	18.7	(25.3)	6.8	(4.9)	2/28/19 5:00	(1.7)	(4.6)	(0.0)	(6.2)
2/27/19 16:15	15.7	(11.5)	26.9	31.8	2/28/19 5:15	(1.7)	(4.6)	0.0	(6.2)
2/27/19 16:30	29.7	3.9	16.2	49.8	2/28/19 5:30	(1.7)	(4.6)	0.0	(6.2)
2/27/19 16:45	24.2	(12.0)	4.5	16.6	2/28/19 5:45	(1.9)	(4.6)	0.0	(6.5)
2/27/19 17:00	19.3	6.4	23.4	45.9	2/28/19 6:00	(1.8)	(4.6)	(0.0)	(6.4)
2/27/19 17:15	20.1	(7.0)	7.0	21.6	2/28/19 6:15	(54.5)	(4.6)	(0.0)	(59.1)
2/27/19 17:30	31.2	(21.2)	10.8	20.8	2/28/19 6:30	(1.6)	(4.6)	(0.0)	(6.2)
2/27/19 17:45	38.2	(8.3)	4.3	35.0	2/28/19 6:45	(1.6)	(4.6)	(1.6)	(7.7)
2/27/19 18:00	27.1	4.7	0.8	31.9	2/28/19 7:00	(1.6)	(4.6)	(4.4)	(10.6)
2/27/19 18:15	(1.8)	(4.5)	(0.0)	(6.2)	2/28/19 7:15	(1.6)	(4.6)	(2.8)	(8.9)
2/27/19 18:30	(1.6)	(4.6)	(0.0)	(6.2)	2/28/19 7:30	(1.6)	(4.6)	(10.1)	(16.3)
2/27/19 18:45	(1.6)	(4.6)	0.0	(6.1)	2/28/19 7:45	(1.6)	(4.6)	(14.3)	(20.4)
2/27/19 19:00	(1.6)	(4.6)	0.0	(6.1)	2/28/19 8:00	(1.6)	(4.6)	(19.3)	(25.5)
2/27/19 19:15	(1.6)	(4.6)	(0.0)	(6.2)	2/28/19 8:15	(1.6)	(4.6)	(21.9)	(28.0)
2/27/19 19:30	(1.6)	(4.6)	(0.0)	(6.2)	2/28/19 8:30	(1.6)	(4.6)	(31.7)	(37.9)
2/27/19 19:45	(1.6)	(4.6)	0.0	(6.2)	2/28/19 8:45	(1.6)	(4.6)	(11.4)	(17.6)
2/27/19 20:00	(1.6)	(4.6)	(0.0)	(6.2)	2/28/19 9:00	(1.6)	(4.6)	(3.0)	(9.2)
2/27/19 20:15	(1.6)	(4.6)	0.0	(6.1)	2/28/19 9:15	(1.6)	(4.6)	(1.4)	(6.3)
2/27/19 20:30	(1.6)	(4.6)	(0.0)	(6.2)	2/28/19 9:30	(1.6)	(4.6)	9.2	4.2
2/27/19 20:45	(1.6)	(4.6)	0.0	(6.1)	2/28/19 9:45	(1.6)	(4.6)	(10.2)	(15.3)
2/27/19 21:00	(1.6)	(4.6)	(0.0)	(6.2)	2/28/19 10:00	(1.6)	(4.6)	6.6	(5.0)
2/27/19 21:15	(1.6)	(4.6)	0.0	(6.1)	2/28/19 10:15	(1.6)	(4.6)	14.8	9.4
2/27/19 21:30	(1.6)	(4.6)	(0.0)	(6.2)	2/28/19 10:30	(1.6)	(4.6)	(16.0)	(22.1)
2/27/19 21:45	(1.6)	(4.6)	(0.0)	(6.2)	2/28/19 10:45	(1.6)	(4.6)	2.0	(6.0)
2/27/19 22:00	(1.6)	(4.6)	(0.0)	(6.2)	2/28/19 11:00	(1.6)	(4.6)	(3.9)	(9.4)
2/27/19 22:15	(1.6)	(4.6)	0.0	(6.1)	2/28/19 11:15	(1.6)	(4.6)	0.5	(5.8)
2/27/19 22:30	(1.6)	(4.6)	0.0	(6.1)	2/28/19 11:30	(1.6)	(4.6)	4.6	(2.8)
2/27/19 22:45	2.0	(4.6)	(0.0)	(3.6)	2/28/19 11:45	(1.6)	(4.6)	14.2	8.0
2/27/19 23:00	43.5	(4.6)	(0.0)	39.0	2/28/19 12:00	(1.6)	(4.6)	(6.2)	(11.7)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
2/28/19 12:15	(1.6)	(4.6)	3.9	(4.2)	3/1/19 1:15	(6.3)	(1.9)	0.0	(7.2)
2/28/19 12:30	(1.6)	(4.6)	(12.5)	(18.7)	3/1/19 1:30	(12.5)	(17.6)	0.0	(30.0)
2/28/19 12:45	(1.6)	(4.6)	11.9	6.6	3/1/19 1:45	(16.5)	(37.1)	(0.0)	(53.6)
2/28/19 13:00	(1.6)	(4.6)	(7.0)	(12.5)	3/1/19 2:00	6.6	(28.8)	0.0	(22.5)
2/28/19 13:15	(1.6)	(4.6)	4.8	(2.8)	3/1/19 2:15	(2.2)	(27.4)	(0.0)	(28.3)
2/28/19 13:30	(1.6)	(4.6)	7.5	2.6	3/1/19 2:30	5.6	(18.8)	(0.0)	(13.2)
2/28/19 13:45	(1.6)	(4.6)	6.1	(4.6)	3/1/19 2:45	1.7	(18.3)	(0.0)	(16.6)
2/28/19 14:00	(1.6)	(4.6)	9.7	4.7	3/1/19 3:00	(2.8)	(21.5)	0.0	(23.3)
2/28/19 14:15	(1.6)	(4.6)	(3.1)	(8.6)	3/1/19 3:15	3.2	(53.6)	0.0	(52.2)
2/28/19 14:30	(1.6)	(4.6)	5.7	(3.5)	3/1/19 3:30	6.1	(29.1)	(0.0)	(23.6)
2/28/19 14:45	(1.6)	(4.6)	7.6	(3.9)	3/1/19 3:45	10.5	(7.8)	(0.0)	2.9
2/28/19 15:00	(1.6)	(4.6)	(10.7)	(15.7)	3/1/19 4:00	16.0	6.5	(0.0)	22.4
2/28/19 15:15	(1.6)	(4.6)	(16.7)	(22.9)	3/1/19 4:15	15.2	17.8	(0.0)	33.0
2/28/19 15:30	(1.6)	(4.6)	11.1	(13.2)	3/1/19 4:30	15.1	23.0	0.0	38.0
2/28/19 15:45	(1.6)	(4.6)	23.5	17.4	3/1/19 4:45	26.4	6.0	(0.0)	32.5
2/28/19 16:00	(1.6)	(4.6)	10.0	3.9	3/1/19 5:00	28.5	38.5	0.0	66.9
2/28/19 16:15	(1.6)	(4.6)	5.2	(1.5)	3/1/19 5:15	43.4	14.0	(0.0)	56.8
2/28/19 16:30	(1.6)	(4.6)	16.1	10.0	3/1/19 5:30	(16.8)	58.1	(0.0)	43.3
2/28/19 16:45	(1.6)	(4.6)	10.1	4.0	3/1/19 5:45	51.5	10.1	0.0	59.4
2/28/19 17:00	(1.6)	(4.6)	15.6	9.4	3/1/19 6:00	45.4	(4.8)	(0.0)	42.2
2/28/19 17:15	(1.6)	(4.6)	12.7	6.6	3/1/19 6:15	44.2	(22.3)	(0.0)	21.9
2/28/19 17:30	(1.6)	(4.6)	4.3	(2.4)	3/1/19 6:30	21.3	4.3	(0.2)	24.9
2/28/19 17:45	(1.6)	(4.6)	3.5	(2.6)	3/1/19 6:45	(23.0)	(8.1)	(2.5)	(31.9)
2/28/19 18:00	10.8	9.9	0.9	20.4	3/1/19 7:00	7.7	23.3	(4.8)	24.3
2/28/19 18:15	37.8	55.5	(0.0)	93.3	3/1/19 7:15	(7.4)	29.4	(11.7)	13.4
2/28/19 18:30	20.0	11.5	(0.0)	31.5	3/1/19 7:30	(8.8)	(5.5)	(10.7)	(24.7)
2/28/19 18:45	3.7	7.0	0.0	10.3	3/1/19 7:45	(11.9)	(6.0)	(13.2)	(30.7)
2/28/19 19:00	(37.0)	3.5	0.0	(37.5)	3/1/19 8:00	2.8	3.7	(14.4)	(13.0)
2/28/19 19:15	14.6	(21.7)	(0.0)	(12.0)	3/1/19 8:15	(6.3)	7.4	(8.6)	(8.5)
2/28/19 19:30	(5.5)	(20.0)	0.0	(25.5)	3/1/19 8:30	(15.6)	(9.1)	(10.4)	(35.1)
2/28/19 19:45	(31.7)	1.9	(0.0)	(30.5)	3/1/19 8:45	(10.0)	(31.8)	(4.8)	(40.2)
2/28/19 20:00	8.5	(15.8)	(0.0)	(11.2)	3/1/19 9:00	23.0	(13.7)	0.5	10.4
2/28/19 20:15	(20.1)	(35.4)	0.0	(55.6)	3/1/19 9:15	11.7	(10.8)	(5.1)	(5.7)
2/28/19 20:30	(34.8)	(23.4)	0.0	(58.2)	3/1/19 9:30	(21.1)	(8.1)	(2.9)	(31.7)
2/28/19 20:45	(15.6)	(21.9)	(0.0)	(34.0)	3/1/19 9:45	(10.5)	(31.4)	(5.6)	(47.5)
2/28/19 21:00	(17.1)	8.2	(0.0)	(11.0)	3/1/19 10:00	(1.7)	(48.6)	3.8	(46.9)
2/28/19 21:15	(25.2)	10.3	0.0	(17.0)	3/1/19 10:15	6.9	(39.9)	(3.3)	(36.0)
2/28/19 21:30	(49.3)	12.9	0.0	(36.3)	3/1/19 10:30	6.8	8.7	(0.8)	7.3
2/28/19 21:45	(38.6)	26.6	0.0	(12.6)	3/1/19 10:45	13.5	(10.7)	(10.9)	(14.1)
2/28/19 22:00	(12.3)	30.1	(0.0)	25.7	3/1/19 11:00	12.3	(49.0)	(7.9)	(44.9)
2/28/19 22:15	14.8	23.9	(0.0)	29.2	3/1/19 11:15	(30.0)	44.4	2.4	25.3
2/28/19 22:30	(39.5)	28.0	0.0	(11.5)	3/1/19 11:30	(8.4)	18.5	9.0	16.7
2/28/19 22:45	(34.5)	17.2	(0.0)	(17.3)	3/1/19 11:45	3.3	(20.4)	(1.4)	(18.9)
2/28/19 23:00	(29.5)	34.2	(0.0)	5.8	3/1/19 12:00	4.7	5.0	(3.3)	6.2
2/28/19 23:15	(16.5)	7.4	(0.0)	(10.8)	3/1/19 12:15	28.4	(44.2)	12.3	(4.3)
2/28/19 23:30	(24.8)	23.3	0.0	(7.5)	3/1/19 12:30	(27.5)	5.8	15.5	(8.1)
2/28/19 23:45	(21.1)	53.0	(0.0)	31.9	3/1/19 12:45	20.9	(23.1)	(15.3)	(18.3)
3/1/19 0:00	(15.0)	26.0	0.0	11.0	3/1/19 13:00	8.6	(37.6)	11.4	(23.9)
3/1/19 0:15	(4.7)	(1.9)	(0.0)	(6.6)	3/1/19 13:15	(7.0)	(29.8)	22.7	(12.1)
3/1/19 0:30	(14.4)	25.4	(0.0)	16.1	3/1/19 13:30	14.0	17.1	7.7	35.2
3/1/19 0:45	(9.8)	79.3	0.0	69.9	3/1/19 13:45	11.3	41.3	(8.9)	40.3
3/1/19 1:00	(22.8)	25.8	(0.0)	6.9	3/1/19 14:00	(7.7)	(15.8)	(11.9)	(29.5)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/1/19 14:15	(27.7)	9.3	(6.2)	(23.8)	3/2/19 3:15	9.3	(11.0)	0.0	(4.1)
3/1/19 14:30	13.5	4.7	(16.0)	14.3	3/2/19 3:30	(18.1)	16.4	0.0	(5.7)
3/1/19 14:45	(20.4)	17.9	(26.2)	(23.0)	3/2/19 3:45	21.0	(19.2)	0.0	11.6
3/1/19 15:00	28.1	50.7	38.1	109.3	3/2/19 4:00	9.5	(23.1)	0.0	(14.6)
3/1/19 15:15	(12.7)	54.8	(4.3)	52.9	3/2/19 4:15	(26.5)	18.2	0.0	(11.6)
3/1/19 15:30	19.6	43.1	(2.6)	55.0	3/2/19 4:30	27.1	(22.0)	0.0	8.2
3/1/19 15:45	27.4	62.1	(1.9)	88.4	3/2/19 4:45	11.3	(3.8)	0.0	7.5
3/1/19 16:00	15.1	63.8	18.2	88.3	3/2/19 5:00	(25.6)	4.4	0.0	(22.2)
3/1/19 16:15	16.6	35.7	24.0	67.2	3/2/19 5:15	36.5	(16.2)	0.0	21.1
3/1/19 16:30	29.8	52.2	8.7	90.8	3/2/19 5:30	(26.1)	9.3	0.0	(19.9)
3/1/19 16:45	40.0	70.5	2.0	111.2	3/2/19 5:45	16.4	(3.9)	0.0	15.0
3/1/19 17:00	(22.1)	37.2	6.3	25.1	3/2/19 6:00	23.0	12.2	0.0	25.1
3/1/19 17:15	30.9	13.7	2.0	42.0	3/2/19 6:15	36.8	(46.1)	0.0	(14.9)
3/1/19 17:30	36.5	(39.9)	2.1	(5.6)	3/2/19 6:30	8.5	(13.3)	0.0	(6.2)
3/1/19 17:45	15.3	(8.7)	3.2	11.3	3/2/19 6:45	(22.2)	34.6	(0.3)	14.1
3/1/19 18:00	49.8	12.7	0.7	61.7	3/2/19 7:00	53.8	95.3	(1.9)	147.2
3/1/19 18:15	4.0	(36.3)	0.0	(32.3)	3/2/19 7:15	(8.4)	131.8	(2.6)	122.6
3/1/19 18:30	(8.0)	(16.8)	(0.0)	(22.4)	3/2/19 7:30	(16.9)	84.7	(2.8)	66.0
3/1/19 18:45	(31.9)	(18.2)	(0.0)	(50.2)	3/2/19 7:45	(16.4)	133.3	(8.8)	108.1
3/1/19 19:00	(10.6)	(3.1)	(0.0)	(12.0)	3/2/19 8:00	51.9	56.9	(4.8)	104.4
3/1/19 19:15	(12.8)	(29.4)	0.0	(36.6)	3/2/19 8:15	44.7	19.5	(7.6)	56.0
3/1/19 19:30	(8.1)	(20.3)	0.0	(22.0)	3/2/19 8:30	14.5	(30.6)	(13.5)	(37.5)
3/1/19 19:45	(4.9)	(4.2)	0.0	(7.7)	3/2/19 8:45	(14.7)	(8.3)	(13.2)	(28.2)
3/1/19 20:00	(23.2)	(16.6)	(0.0)	(39.7)	3/2/19 9:00	19.0	19.1	(2.4)	36.9
3/1/19 20:15	(12.7)	(33.7)	0.0	(40.5)	3/2/19 9:15	27.7	30.9	(3.9)	55.3
3/1/19 20:30	(8.5)	(18.6)	0.0	(27.2)	3/2/19 9:30	18.7	16.2	(1.6)	33.2
3/1/19 20:45	(41.3)	(46.6)	0.0	(87.9)	3/2/19 9:45	(21.4)	26.0	1.8	10.4
3/1/19 21:00	(14.4)	(47.1)	0.0	(55.7)	3/2/19 10:00	12.5	40.3	9.5	60.6
3/1/19 21:15	10.6	(21.9)	0.0	(16.0)	3/2/19 10:15	11.7	27.9	(7.1)	32.7
3/1/19 21:30	(36.2)	(37.9)	0.0	(74.1)	3/2/19 10:30	9.0	28.2	(1.8)	35.3
3/1/19 21:45	(12.4)	(56.2)	0.0	(66.0)	3/2/19 10:45	3.8	24.0	(2.9)	25.0
3/1/19 22:00	(32.9)	(49.1)	(0.0)	(82.0)	3/2/19 11:00	39.1	26.7	(2.0)	65.2
3/1/19 22:15	(36.7)	(35.5)	(0.0)	(71.8)	3/2/19 11:15	7.6	22.1	4.3	25.7
3/1/19 22:30	(22.0)	(42.4)	(0.0)	(64.3)	3/2/19 11:30	11.4	(5.2)	(9.7)	(7.6)
3/1/19 22:45	(33.3)	(19.9)	(0.0)	(53.3)	3/2/19 11:45	(18.2)	3.1	8.1	(10.1)
3/1/19 23:00	(43.8)	(21.5)	0.0	(63.6)	3/2/19 12:00	(8.4)	(6.7)	3.6	(14.7)
3/1/19 23:15	48.4	(5.3)	(0.0)	43.1	3/2/19 12:15	(15.8)	(7.2)	(10.1)	(30.8)
3/1/19 23:30	(9.9)	(21.3)	(0.0)	(27.9)	3/2/19 12:30	(10.9)	(9.2)	14.3	(4.2)
3/1/19 23:45	(50.3)	35.1	0.0	(26.7)	3/2/19 12:45	16.4	(17.8)	14.2	8.6
3/2/19 0:00	20.1	77.0	0.0	92.7	3/2/19 13:00	2.9	(7.6)	(17.4)	(24.4)
3/2/19 0:15	(25.1)	6.2	0.0	(24.0)	3/2/19 13:15	8.9	(6.5)	14.8	16.8
3/2/19 0:30	(10.7)	5.2	0.0	(8.1)	3/2/19 13:30	(20.1)	(23.1)	(9.4)	(50.8)
3/2/19 0:45	(24.4)	(15.8)	0.0	(39.7)	3/2/19 13:45	24.2	(25.8)	10.3	(5.7)
3/2/19 1:00	15.2	47.2	0.0	62.4	3/2/19 14:00	8.3	(3.8)	15.7	22.7
3/2/19 1:15	(14.4)	7.8	0.0	(6.7)	3/2/19 14:15	(12.6)	(2.6)	4.4	(11.9)
3/2/19 1:30	(32.1)	31.9	0.0	9.7	3/2/19 14:30	26.6	(15.9)	3.0	18.8
3/2/19 1:45	26.0	(23.5)	0.0	5.7	3/2/19 14:45	5.1	(36.5)	16.2	(18.9)
3/2/19 2:00	6.3	4.3	0.0	10.1	3/2/19 15:00	24.5	(32.4)	3.7	(5.3)
3/2/19 2:15	(25.7)	18.1	0.0	(10.8)	3/2/19 15:15	9.2	(8.7)	0.6	(9.7)
3/2/19 2:30	(14.6)	(11.1)	0.0	(21.4)	3/2/19 15:30	10.7	(39.8)	2.1	(30.0)
3/2/19 2:45	(15.3)	12.1	0.0	(14.9)	3/2/19 15:45	8.9	(45.0)	(12.7)	(50.6)
3/2/19 3:00	35.9	(8.5)	0.0	34.7	3/2/19 16:00	25.6	10.0	9.9	43.4

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/2/19 16:15	4.9	14.3	(17.6)	(7.1)	3/3/19 5:15	10.4	(10.2)	(0.0)	(15.1)
3/2/19 16:30	46.3	18.0	15.9	74.7	3/3/19 5:30	26.8	(7.5)	0.0	19.5
3/2/19 16:45	19.7	4.9	12.6	31.5	3/3/19 5:45	17.3	6.1	0.0	23.4
3/2/19 17:00	23.0	17.4	3.6	38.0	3/3/19 6:00	(13.1)	4.8	0.0	(9.7)
3/2/19 17:15	19.3	11.9	0.6	24.8	3/3/19 6:15	38.4	2.9	(0.0)	41.3
3/2/19 17:30	39.4	(4.8)	1.1	36.5	3/3/19 6:30	2.2	(1.3)	0.1	(2.3)
3/2/19 17:45	37.9	12.6	0.5	51.0	3/3/19 6:45	(24.8)	0.9	(0.1)	(24.5)
3/2/19 18:00	30.5	24.4	(0.0)	50.9	3/3/19 7:00	44.2	2.1	(0.5)	45.6
3/2/19 18:15	11.7	28.6	0.0	34.4	3/3/19 7:15	28.3	5.0	(0.9)	32.4
3/2/19 18:30	9.9	(4.9)	(0.0)	12.3	3/3/19 7:30	13.7	3.6	(1.7)	15.3
3/2/19 18:45	(6.2)	(2.6)	0.0	(6.2)	3/3/19 7:45	(14.8)	0.5	(0.9)	(14.9)
3/2/19 19:00	(43.7)	(6.4)	0.0	(50.1)	3/3/19 8:00	47.5	0.4	(1.4)	46.4
3/2/19 19:15	13.9	(7.1)	0.0	11.2	3/3/19 8:15	18.0	0.6	(1.9)	16.7
3/2/19 19:30	(14.1)	(8.0)	0.0	(20.7)	3/3/19 8:30	(17.3)	0.3	(11.5)	(26.9)
3/2/19 19:45	(34.8)	(12.3)	0.0	(47.0)	3/3/19 8:45	31.5	3.1	(14.1)	23.6
3/2/19 20:00	(22.9)	15.2	0.0	(19.0)	3/3/19 9:00	26.9	2.2	(4.0)	25.6
3/2/19 20:15	22.7	21.1	(0.0)	41.1	3/3/19 9:15	(11.6)	1.8	(1.9)	(10.2)
3/2/19 20:30	(12.7)	21.6	0.0	8.9	3/3/19 9:30	(11.7)	1.9	10.5	5.3
3/2/19 20:45	(38.7)	27.0	0.0	(14.7)	3/3/19 9:45	40.8	(0.3)	(4.9)	36.3
3/2/19 21:00	(18.3)	23.7	0.0	20.0	3/3/19 10:00	5.5	(0.1)	(9.3)	(5.6)
3/2/19 21:15	(9.5)	11.7	0.0	8.5	3/3/19 10:15	(17.1)	(1.0)	(2.6)	(19.9)
3/2/19 21:30	(18.5)	18.8	0.0	4.4	3/3/19 10:30	13.7	(4.5)	(11.1)	(20.6)
3/2/19 21:45	(66.2)	20.9	0.0	(45.3)	3/3/19 10:45	6.2	(1.7)	(11.1)	(13.1)
3/2/19 22:00	(5.7)	3.7	0.0	(4.3)	3/3/19 11:00	12.1	(2.8)	(8.1)	(7.5)
3/2/19 22:15	(27.4)	(1.8)	(0.0)	(27.6)	3/3/19 11:15	(9.6)	(1.4)	8.3	11.6
3/2/19 22:30	(37.3)	13.3	(0.0)	(24.0)	3/3/19 11:30	12.3	3.2	(5.6)	10.9
3/2/19 22:45	(62.0)	10.3	0.0	(51.7)	3/3/19 11:45	11.5	3.0	5.0	19.2
3/2/19 23:00	12.9	(2.7)	(0.0)	10.4	3/3/19 12:00	(20.5)	1.7	(8.1)	(25.9)
3/2/19 23:15	(8.7)	(3.4)	0.0	(7.0)	3/3/19 12:15	19.1	(3.2)	(3.0)	20.8
3/2/19 23:30	(29.7)	7.1	(0.0)	(22.6)	3/3/19 12:30	9.7	(7.5)	(1.2)	4.6
3/2/19 23:45	(40.1)	13.3	0.0	(29.6)	3/3/19 12:45	(22.0)	(5.9)	(4.3)	(29.1)
3/3/19 0:00	10.7	(2.5)	0.0	10.9	3/3/19 13:00	21.4	(5.8)	10.8	26.4
3/3/19 0:15	(3.1)	(2.1)	(0.0)	(4.8)	3/3/19 13:15	14.3	(4.7)	1.2	10.8
3/3/19 0:30	(40.4)	6.5	0.0	(33.9)	3/3/19 13:30	(14.7)	2.2	20.4	12.6
3/3/19 0:45	(15.8)	12.3	0.0	20.0	3/3/19 13:45	12.2	(0.8)	(3.0)	11.8
3/3/19 1:00	10.0	9.5	0.0	15.6	3/3/19 14:00	11.5	(5.7)	9.7	15.5
3/3/19 1:15	(1.2)	10.7	0.0	10.0	3/3/19 14:15	(14.7)	(2.2)	(12.5)	(27.8)
3/3/19 1:30	(35.8)	6.0	0.0	(29.8)	3/3/19 14:30	14.8	1.0	(15.6)	6.1
3/3/19 1:45	(18.8)	10.1	0.0	(10.5)	3/3/19 14:45	15.6	3.9	9.1	26.1
3/3/19 2:00	27.7	7.1	0.0	34.0	3/3/19 15:00	(14.3)	4.2	23.0	21.6
3/3/19 2:15	11.9	3.1	0.0	15.0	3/3/19 15:15	6.3	9.2	5.0	17.0
3/3/19 2:30	(41.2)	7.5	0.0	(33.7)	3/3/19 15:30	(10.6)	(2.7)	3.8	(10.1)
3/3/19 2:45	18.3	7.3	0.0	22.5	3/3/19 15:45	29.5	(0.7)	(17.0)	12.5
3/3/19 3:00	13.1	1.4	0.0	13.8	3/3/19 16:00	(16.1)	(3.6)	(4.7)	(23.9)
3/3/19 3:15	7.9	(0.9)	0.0	7.7	3/3/19 16:15	29.9	(2.5)	3.9	30.2
3/3/19 3:30	(15.4)	6.6	0.0	(12.4)	3/3/19 16:30	10.5	(0.4)	7.9	18.2
3/3/19 3:45	18.1	8.3	0.0	26.4	3/3/19 16:45	10.0	(1.6)	10.9	16.1
3/3/19 4:00	(7.2)	7.4	0.0	13.1	3/3/19 17:00	39.4	(3.4)	9.4	45.4
3/3/19 4:15	(17.7)	0.7	0.0	(17.6)	3/3/19 17:15	21.2	(6.4)	14.3	28.1
3/3/19 4:30	25.2	3.1	0.0	27.3	3/3/19 17:30	30.2	(1.8)	2.5	30.5
3/3/19 4:45	16.9	2.4	(0.0)	19.3	3/3/19 17:45	45.4	(4.4)	2.3	43.3
3/3/19 5:00	12.3	(4.0)	0.0	9.4	3/3/19 18:00	25.5	(5.3)	0.2	23.0

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/3/19 18:15	43.8	(15.3)	0.0	28.5	3/4/19 7:15	6.7	12.9	(0.4)	19.2
3/3/19 18:30	3.0	(12.0)	(0.0)	(11.4)	3/4/19 7:30	13.9	(1.0)	(1.7)	11.8
3/3/19 18:45	(22.1)	(7.4)	(0.0)	(28.1)	3/4/19 7:45	3.8	6.8	(2.9)	7.8
3/3/19 19:00	(7.1)	(2.8)	0.0	(8.7)	3/4/19 8:00	2.4	(8.9)	(1.2)	(10.4)
3/3/19 19:15	(19.8)	(7.3)	0.0	(27.1)	3/4/19 8:15	4.1	6.8	(3.9)	7.4
3/3/19 19:30	(25.5)	(11.6)	(0.0)	(35.2)	3/4/19 8:30	(2.8)	13.2	2.8	12.6
3/3/19 19:45	(22.1)	(6.0)	0.0	(26.3)	3/4/19 8:45	(9.0)	31.0	(2.9)	19.4
3/3/19 20:00	(13.5)	(3.7)	0.0	(15.6)	3/4/19 9:00	9.6	31.7	(15.1)	26.0
3/3/19 20:15	(40.1)	(2.9)	(0.0)	(43.0)	3/4/19 9:15	(5.1)	20.4	(18.4)	1.8
3/3/19 20:30	(22.8)	(7.9)	0.0	(28.1)	3/4/19 9:30	10.2	20.2	(14.3)	13.5
3/3/19 20:45	(40.1)	1.8	0.0	(38.3)	3/4/19 9:45	16.1	17.6	(18.5)	14.3
3/3/19 21:00	(31.4)	(7.5)	0.0	(38.9)	3/4/19 10:00	(2.3)	11.0	(9.7)	3.7
3/3/19 21:15	(10.7)	(2.9)	0.0	(8.8)	3/4/19 10:15	(22.4)	2.2	(3.6)	(23.8)
3/3/19 21:30	(47.6)	5.0	(0.0)	(42.6)	3/4/19 10:30	(22.5)	3.7	(3.2)	(19.5)
3/3/19 21:45	(39.5)	8.4	(0.0)	(31.1)	3/4/19 10:45	(13.5)	5.0	(4.9)	(10.4)
3/3/19 22:00	(43.6)	2.9	(0.0)	(40.7)	3/4/19 11:00	19.5	(0.9)	(9.9)	13.0
3/3/19 22:15	(30.5)	6.2	0.0	(24.3)	3/4/19 11:15	3.6	0.5	(5.2)	(2.7)
3/3/19 22:30	33.2	0.3	0.0	33.4	3/4/19 11:30	(22.0)	(0.6)	(3.8)	(26.3)
3/3/19 22:45	(49.8)	(1.8)	(0.0)	(50.9)	3/4/19 11:45	(25.8)	4.7	(5.1)	(26.1)
3/3/19 23:00	(43.1)	2.2	(0.0)	(41.8)	3/4/19 12:00	(8.1)	2.2	(1.7)	(6.4)
3/3/19 23:15	15.4	(5.5)	0.0	10.7	3/4/19 12:15	(18.8)	3.9	10.6	(4.3)
3/3/19 23:30	(31.1)	(8.8)	0.0	(38.8)	3/4/19 12:30	(11.7)	(1.1)	3.0	(9.5)
3/3/19 23:45	(18.1)	(15.5)	(0.0)	(28.8)	3/4/19 12:45	15.4	(2.7)	7.9	18.3
3/4/19 0:00	(17.2)	(9.8)	0.0	(24.4)	3/4/19 13:00	(32.7)	2.2	(13.8)	(43.7)
3/4/19 0:15	(20.9)	(26.8)	(0.0)	(40.8)	3/4/19 13:15	29.1	0.9	(7.4)	31.8
3/4/19 0:30	11.2	(64.2)	0.0	(64.0)	3/4/19 13:30	(34.6)	(3.9)	(8.2)	(45.7)
3/4/19 0:45	(4.8)	(74.4)	0.0	(78.9)	3/4/19 13:45	19.3	1.0	(4.3)	18.5
3/4/19 1:00	(40.2)	(45.2)	(0.0)	(85.4)	3/4/19 14:00	(5.9)	(0.9)	6.7	6.1
3/4/19 1:15	(21.0)	(9.6)	(0.0)	(29.9)	3/4/19 14:15	(14.3)	7.1	3.8	(9.4)
3/4/19 1:30	24.1	2.8	0.0	24.2	3/4/19 14:30	(14.5)	5.3	6.8	11.8
3/4/19 1:45	38.6	(1.0)	(0.0)	38.0	3/4/19 14:45	9.6	0.8	(2.7)	8.0
3/4/19 2:00	(53.0)	(1.5)	(0.0)	(54.3)	3/4/19 15:00	(11.1)	3.8	(4.1)	(10.8)
3/4/19 2:15	15.7	(4.2)	0.0	12.6	3/4/19 15:15	(14.7)	1.9	(0.7)	(14.4)
3/4/19 2:30	6.6	(10.6)	(0.0)	(4.8)	3/4/19 15:30	22.6	3.0	6.2	31.1
3/4/19 2:45	(30.7)	4.6	0.0	(28.9)	3/4/19 15:45	(4.1)	(1.7)	21.2	21.1
3/4/19 3:00	30.5	(8.1)	0.0	25.6	3/4/19 16:00	(28.3)	(6.3)	(5.4)	(39.9)
3/4/19 3:15	10.2	(1.2)	(0.0)	9.6	3/4/19 16:15	34.5	(8.0)	8.9	33.6
3/4/19 3:30	(12.5)	17.5	0.0	10.3	3/4/19 16:30	26.7	4.3	18.6	49.3
3/4/19 3:45	19.1	15.4	(0.0)	33.5	3/4/19 16:45	11.5	5.8	17.5	29.8
3/4/19 4:00	11.8	(6.1)	0.0	7.4	3/4/19 17:00	39.0	(14.0)	16.3	41.3
3/4/19 4:15	(29.8)	(10.3)	(0.0)	(40.1)	3/4/19 17:15	25.5	(15.4)	11.0	21.3
3/4/19 4:30	33.5	6.0	0.0	38.9	3/4/19 17:30	15.0	(15.5)	15.1	15.5
3/4/19 4:45	22.3	31.2	0.0	53.5	3/4/19 17:45	71.7	(15.0)	8.0	64.7
3/4/19 5:00	(14.0)	42.4	(0.0)	29.7	3/4/19 18:00	56.5	(19.6)	1.5	38.4
3/4/19 5:15	23.6	27.4	(0.0)	50.2	3/4/19 18:15	29.6	0.8	0.1	30.4
3/4/19 5:30	32.6	28.4	0.0	61.0	3/4/19 18:30	25.1	(5.0)	(0.0)	20.0
3/4/19 5:45	38.0	19.2	(0.0)	57.2	3/4/19 18:45	8.8	(18.1)	0.0	(18.0)
3/4/19 6:00	50.4	(2.6)	(0.0)	49.4	3/4/19 19:00	(23.5)	(22.5)	(0.0)	(46.0)
3/4/19 6:15	51.1	1.2	(0.0)	51.9	3/4/19 19:15	(13.8)	(28.2)	(0.0)	(32.2)
3/4/19 6:30	30.5	(8.7)	0.0	21.8	3/4/19 19:30	(17.3)	(23.1)	(0.0)	(35.1)
3/4/19 6:45	24.7	(5.0)	(0.1)	19.6	3/4/19 19:45	6.5	2.4	0.0	7.2
3/4/19 7:00	16.9	4.9	(0.4)	21.1	3/4/19 20:00	(41.9)	(1.2)	(0.0)	(42.9)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/4/19 20:15	(10.4)	3.4	0.0	(7.4)	3/5/19 9:15	19.4	9.7	(1.4)	28.2
3/4/19 20:30	(12.5)	9.5	(0.0)	(3.4)	3/5/19 9:30	(24.4)	4.2	(1.7)	(22.1)
3/4/19 20:45	(48.5)	12.7	0.0	(35.8)	3/5/19 9:45	(21.4)	14.1	0.2	(15.5)
3/4/19 21:00	(15.6)	15.4	(0.0)	(9.5)	3/5/19 10:00	33.5	6.8	0.5	40.8
3/4/19 21:15	(39.3)	14.9	(0.0)	(26.8)	3/5/19 10:15	15.2	2.2	1.0	18.1
3/4/19 21:30	(17.5)	5.2	0.0	(19.5)	3/5/19 10:30	(23.4)	3.7	(0.4)	(20.3)
3/4/19 21:45	(76.3)	(17.4)	(0.0)	(93.7)	3/5/19 10:45	(54.1)	(20.9)	0.4	(75.0)
3/4/19 22:00	(6.6)	(20.8)	(0.0)	(26.4)	3/5/19 11:00	(8.7)	(21.7)	0.6	(29.8)
3/4/19 22:15	(45.0)	(19.5)	(0.0)	(64.5)	3/5/19 11:15	(16.0)	(28.3)	0.5	(43.8)
3/4/19 22:30	(34.8)	(16.6)	0.0	(51.5)	3/5/19 11:30	(12.2)	(31.0)	0.5	(42.7)
3/4/19 22:45	(27.9)	(28.0)	(0.0)	(55.9)	3/5/19 11:45	(5.8)	(43.7)	3.0	(46.6)
3/4/19 23:00	(50.8)	(40.1)	(0.0)	(90.4)	3/5/19 12:00	(17.6)	(30.6)	(2.0)	(50.0)
3/4/19 23:15	10.6	(29.1)	0.0	(24.7)	3/5/19 12:15	(9.0)	(26.3)	(0.8)	(36.0)
3/4/19 23:30	(18.0)	(22.9)	0.0	(40.9)	3/5/19 12:30	(7.2)	(17.6)	(0.6)	(25.3)
3/4/19 23:45	(16.4)	(31.1)	(0.0)	(46.6)	3/5/19 12:45	(6.5)	(18.4)	(0.4)	(25.1)
3/5/19 0:00	(17.0)	(55.0)	0.0	(64.9)	3/5/19 13:00	(2.3)	(20.0)	1.3	(19.3)
3/5/19 0:15	(4.9)	(37.0)	(0.0)	(41.2)	3/5/19 13:15	(3.1)	(8.8)	3.1	(8.1)
3/5/19 0:30	(15.5)	(1.8)	0.0	(16.2)	3/5/19 13:30	(16.2)	(24.1)	2.5	(37.8)
3/5/19 0:45	8.6	(4.6)	0.0	(10.0)	3/5/19 13:45	(8.1)	(27.7)	5.3	(30.4)
3/5/19 1:00	22.2	(9.3)	(0.0)	15.5	3/5/19 14:00	(7.1)	(29.8)	(8.4)	(45.3)
3/5/19 1:15	(22.6)	(6.0)	0.0	(28.5)	3/5/19 14:15	(4.4)	(29.7)	3.9	(30.6)
3/5/19 1:30	(21.7)	(21.1)	(0.0)	(36.7)	3/5/19 14:30	(2.6)	(22.5)	(3.0)	(26.5)
3/5/19 1:45	(7.2)	(12.1)	(0.0)	(16.7)	3/5/19 14:45	17.8	(12.4)	2.1	8.9
3/5/19 2:00	44.7	(24.9)	0.0	20.4	3/5/19 15:00	20.7	(25.3)	10.4	(9.0)
3/5/19 2:15	35.2	(22.0)	0.0	16.0	3/5/19 15:15	6.1	(18.2)	6.3	(7.6)
3/5/19 2:30	(13.2)	(12.8)	0.0	(23.2)	3/5/19 15:30	(18.5)	(21.1)	2.9	(36.7)
3/5/19 2:45	15.7	(13.0)	0.0	6.6	3/5/19 15:45	20.8	(25.5)	(6.8)	(19.4)
3/5/19 3:00	(9.1)	15.9	(0.0)	18.7	3/5/19 16:00	20.8	(17.0)	(6.3)	11.8
3/5/19 3:15	(31.1)	12.4	0.0	(18.7)	3/5/19 16:15	25.2	1.9	14.9	40.6
3/5/19 3:30	18.2	(12.0)	(0.0)	9.0	3/5/19 16:30	7.8	(12.2)	24.7	17.8
3/5/19 3:45	(27.3)	30.6	(0.0)	5.8	3/5/19 16:45	32.3	(16.1)	25.3	42.9
3/5/19 4:00	(21.6)	12.9	0.0	(22.6)	3/5/19 17:00	33.7	(17.2)	10.9	30.1
3/5/19 4:15	26.3	(46.1)	(0.0)	(19.8)	3/5/19 17:15	16.6	(23.8)	18.0	10.3
3/5/19 4:30	42.2	(40.2)	(0.0)	18.0	3/5/19 17:30	22.9	(20.8)	14.1	16.5
3/5/19 4:45	23.2	14.5	(0.0)	37.4	3/5/19 17:45	53.8	(25.0)	4.6	33.4
3/5/19 5:00	39.3	16.9	0.0	56.2	3/5/19 18:00	53.0	(38.6)	1.1	16.5
3/5/19 5:15	(10.3)	6.6	(0.0)	8.2	3/5/19 18:15	(6.3)	(23.4)	0.0	(26.2)
3/5/19 5:30	53.5	3.9	0.0	57.2	3/5/19 18:30	37.4	(26.9)	(0.0)	12.5
3/5/19 5:45	51.0	21.9	(0.0)	72.8	3/5/19 18:45	6.4	(45.3)	(0.0)	(38.9)
3/5/19 6:00	24.8	19.8	0.0	44.6	3/5/19 19:00	(25.5)	(41.4)	0.0	(66.9)
3/5/19 6:15	9.3	5.0	(0.0)	14.3	3/5/19 19:15	(20.1)	(24.9)	(0.0)	(39.6)
3/5/19 6:30	54.6	4.9	(0.6)	58.9	3/5/19 19:30	15.1	(17.1)	(0.0)	(13.5)
3/5/19 6:45	18.8	(7.7)	(4.0)	8.0	3/5/19 19:45	(15.1)	(10.9)	0.0	(26.0)
3/5/19 7:00	17.6	(22.8)	(13.0)	(24.3)	3/5/19 20:00	(41.6)	(3.9)	(0.0)	(45.2)
3/5/19 7:15	(33.4)	11.6	(19.1)	(46.1)	3/5/19 20:15	15.3	(2.5)	(0.0)	13.6
3/5/19 7:30	15.4	43.7	(20.5)	37.3	3/5/19 20:30	(22.4)	(12.2)	0.0	(34.5)
3/5/19 7:45	(22.2)	30.7	(23.3)	(17.8)	3/5/19 20:45	(24.4)	10.6	(0.0)	(13.9)
3/5/19 8:00	10.4	45.0	(20.6)	33.3	3/5/19 21:00	(29.9)	15.3	0.0	(20.2)
3/5/19 8:15	(31.0)	56.8	(15.6)	22.4	3/5/19 21:15	(20.9)	37.9	(0.0)	24.8
3/5/19 8:30	(26.5)	26.4	(7.7)	(12.2)	3/5/19 21:30	(55.7)	22.7	0.0	(33.0)
3/5/19 8:45	16.2	24.6	(5.6)	31.6	3/5/19 21:45	(33.3)	14.4	(0.0)	(26.8)
3/5/19 9:00	(13.3)	24.0	(0.9)	19.7	3/5/19 22:00	(23.9)	30.7	(0.0)	29.6

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/5/19 22:15	(26.9)	29.0	0.0	4.3	3/6/19 11:15	(27.6)	7.5	(3.4)	(23.7)
3/5/19 22:30	(65.0)	28.2	(0.0)	(36.8)	3/6/19 11:30	20.8	13.4	(5.7)	28.2
3/5/19 22:45	(14.7)	15.3	(0.0)	6.5	3/6/19 11:45	13.8	(15.4)	(12.8)	(14.7)
3/5/19 23:00	(14.1)	5.8	0.0	(9.7)	3/6/19 12:00	4.5	(9.6)	7.7	(3.0)
3/5/19 23:15	(26.1)	23.0	0.0	(10.8)	3/6/19 12:15	(29.5)	5.6	(7.7)	(32.6)
3/5/19 23:30	(17.4)	20.3	(0.0)	19.4	3/6/19 12:30	33.4	10.6	(5.1)	39.0
3/5/19 23:45	(11.6)	21.3	(0.0)	11.9	3/6/19 12:45	9.1	(3.3)	15.6	23.1
3/6/19 0:00	(23.3)	36.3	0.0	15.5	3/6/19 13:00	(23.7)	(13.8)	(4.8)	(38.4)
3/6/19 0:15	(73.9)	50.9	(0.0)	(28.1)	3/6/19 13:15	(43.8)	0.9	14.4	(31.1)
3/6/19 0:30	15.7	62.9	0.0	69.4	3/6/19 13:30	12.8	8.1	7.3	26.2
3/6/19 0:45	(31.5)	65.1	0.0	33.6	3/6/19 13:45	5.8	11.0	5.5	20.9
3/6/19 1:00	(50.8)	52.5	0.0	7.3	3/6/19 14:00	(4.4)	(6.2)	7.0	(6.4)
3/6/19 1:15	26.0	66.3	(0.0)	92.1	3/6/19 14:15	21.4	(22.8)	0.8	(6.7)
3/6/19 1:30	(3.4)	69.3	0.0	66.8	3/6/19 14:30	17.7	(13.7)	2.5	5.8
3/6/19 1:45	(28.4)	63.3	0.0	34.9	3/6/19 14:45	10.4	(29.8)	11.5	(9.1)
3/6/19 2:00	(20.2)	28.1	(0.0)	26.9	3/6/19 15:00	(20.0)	(19.6)	(5.1)	(31.2)
3/6/19 2:15	13.9	28.8	(0.0)	42.3	3/6/19 15:15	43.3	(5.3)	31.1	53.3
3/6/19 2:30	(7.9)	72.7	(0.0)	65.7	3/6/19 15:30	55.3	(19.1)	1.7	44.7
3/6/19 2:45	(22.4)	73.1	(0.0)	50.8	3/6/19 15:45	(13.0)	(25.6)	5.4	(29.2)
3/6/19 3:00	21.1	56.0	0.0	62.4	3/6/19 16:00	19.2	23.0	4.9	45.3
3/6/19 3:15	20.3	25.3	(0.0)	45.6	3/6/19 16:15	(27.6)	34.3	(8.2)	11.9
3/6/19 3:30	8.3	28.2	(0.0)	35.0	3/6/19 16:30	24.2	48.6	12.5	78.6
3/6/19 3:45	(14.2)	24.2	0.0	15.6	3/6/19 16:45	20.5	34.5	4.6	54.6
3/6/19 4:00	32.7	(14.0)	(0.0)	24.3	3/6/19 17:00	(23.9)	(10.0)	3.2	(31.2)
3/6/19 4:15	21.7	(24.5)	0.0	(5.7)	3/6/19 17:15	30.5	(6.8)	2.0	32.7
3/6/19 4:30	(22.6)	4.5	(0.0)	(18.2)	3/6/19 17:30	52.1	(10.9)	3.4	45.6
3/6/19 4:45	48.4	2.4	(0.0)	50.8	3/6/19 17:45	39.5	(20.4)	2.4	21.5
3/6/19 5:00	33.8	11.4	(0.0)	45.3	3/6/19 18:00	12.9	(19.7)	0.7	(9.5)
3/6/19 5:15	26.3	(3.9)	0.0	23.4	3/6/19 18:15	34.8	3.3	0.0	36.7
3/6/19 5:30	39.4	7.3	(0.0)	45.9	3/6/19 18:30	12.3	(27.6)	(0.0)	(15.3)
3/6/19 5:45	50.2	8.3	0.0	58.5	3/6/19 18:45	(25.4)	(33.7)	0.0	(58.2)
3/6/19 6:00	51.0	(10.6)	(0.0)	41.7	3/6/19 19:00	13.2	(13.5)	(0.0)	(6.7)
3/6/19 6:15	39.5	18.1	(0.0)	56.4	3/6/19 19:15	(6.3)	7.4	0.0	(3.9)
3/6/19 6:30	44.8	2.7	(0.5)	44.4	3/6/19 19:30	(30.5)	(30.9)	(0.0)	(61.4)
3/6/19 6:45	21.5	19.8	(3.9)	36.4	3/6/19 19:45	11.1	(11.5)	(0.0)	(16.9)
3/6/19 7:00	(11.7)	11.7	(14.9)	(11.2)	3/6/19 20:00	(7.3)	(6.6)	0.0	(8.2)
3/6/19 7:15	19.3	15.7	(15.7)	20.8	3/6/19 20:15	(22.7)	(26.4)	(0.0)	(45.5)
3/6/19 7:30	(4.6)	6.9	(16.6)	(14.4)	3/6/19 20:30	(15.0)	29.2	(0.0)	41.2
3/6/19 7:45	(46.1)	(7.8)	(21.5)	(75.4)	3/6/19 20:45	(15.0)	61.4	(0.0)	50.8
3/6/19 8:00	(6.6)	(2.3)	4.8	(3.2)	3/6/19 21:00	(43.3)	50.8	0.0	7.5
3/6/19 8:15	17.0	(6.2)	(10.4)	5.3	3/6/19 21:15	(22.5)	64.4	(0.0)	46.3
3/6/19 8:30	(12.3)	(2.1)	(5.7)	(19.8)	3/6/19 21:30	(28.1)	35.7	(0.0)	14.1
3/6/19 8:45	(38.5)	(2.0)	(19.4)	(59.7)	3/6/19 21:45	(58.7)	(9.7)	(0.0)	(68.3)
3/6/19 9:00	9.1	(2.4)	8.7	15.6	3/6/19 22:00	(36.4)	(4.9)	(0.0)	(41.2)
3/6/19 9:15	(12.2)	4.3	27.4	20.5	3/6/19 22:15	(25.7)	(2.4)	(0.0)	(28.1)
3/6/19 9:30	(56.2)	(3.1)	6.8	(54.4)	3/6/19 22:30	(52.4)	(20.7)	0.0	(73.1)
3/6/19 9:45	24.5	(11.7)	(1.5)	13.9	3/6/19 22:45	(48.9)	(50.2)	(0.0)	(98.1)
3/6/19 10:00	5.0	(35.1)	(15.9)	(49.2)	3/6/19 23:00	(12.6)	(38.5)	0.1	(51.1)
3/6/19 10:15	(19.3)	(44.5)	(11.3)	(72.1)	3/6/19 23:15	30.1	11.2	(0.0)	41.1
3/6/19 10:30	(30.7)	(9.9)	11.8	(31.7)	3/6/19 23:30	(47.0)	(5.5)	(0.0)	(52.3)
3/6/19 10:45	12.6	10.4	(1.6)	14.7	3/6/19 23:45	9.6	12.9	0.0	17.1
3/6/19 11:00	5.1	5.1	(8.8)	(7.9)	3/7/19 0:00	(14.4)	5.5	(0.0)	(9.9)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/7/19 0:15	(28.1)	(15.7)	0.0	(43.8)	3/7/19 13:15	7.4	(3.6)	(4.9)	(5.3)
3/7/19 0:30	9.2	(41.8)	0.0	(39.6)	3/7/19 13:30	(8.8)	5.4	8.2	(7.3)
3/7/19 0:45	(9.1)	(26.2)	0.1	(35.3)	3/7/19 13:45	(5.0)	(5.9)	(10.4)	(17.8)
3/7/19 1:00	(31.8)	(5.9)	(0.0)	(37.4)	3/7/19 14:00	2.1	(3.0)	4.1	4.2
3/7/19 1:15	39.7	28.8	0.0	68.5	3/7/19 14:15	3.5	16.7	(5.8)	13.3
3/7/19 1:30	8.8	39.1	0.0	47.0	3/7/19 14:30	(15.7)	17.6	3.3	4.9
3/7/19 1:45	(26.6)	40.7	(0.0)	18.2	3/7/19 14:45	1.3	8.4	12.4	20.1
3/7/19 2:00	(11.0)	30.2	(0.0)	28.3	3/7/19 15:00	6.8	8.2	7.2	22.2
3/7/19 2:15	(17.7)	(12.6)	0.0	(30.2)	3/7/19 15:15	9.0	(11.7)	(2.5)	(6.5)
3/7/19 2:30	(15.5)	(6.6)	(0.0)	(17.9)	3/7/19 15:30	5.3	(10.8)	9.8	(10.0)
3/7/19 2:45	10.6	(13.3)	0.0	(6.8)	3/7/19 15:45	5.5	(8.0)	10.5	9.1
3/7/19 3:00	(10.4)	(4.3)	(0.0)	(11.3)	3/7/19 16:00	3.0	(18.9)	(7.2)	(22.3)
3/7/19 3:15	23.0	6.9	(0.0)	28.1	3/7/19 16:15	9.3	(15.1)	6.1	9.9
3/7/19 3:30	18.9	12.8	0.0	31.8	3/7/19 16:30	15.3	49.4	15.7	80.5
3/7/19 3:45	(20.0)	9.1	0.0	(12.0)	3/7/19 16:45	8.5	25.3	18.1	44.3
3/7/19 4:00	(14.1)	35.0	0.0	29.0	3/7/19 17:00	18.7	(32.9)	22.2	10.5
3/7/19 4:15	13.3	8.8	(0.0)	22.1	3/7/19 17:15	17.2	1.7	16.8	35.1
3/7/19 4:30	2.8	8.5	0.0	10.3	3/7/19 17:30	28.5	13.8	11.0	53.0
3/7/19 4:45	9.3	25.9	0.0	31.3	3/7/19 17:45	31.3	(26.7)	6.1	13.4
3/7/19 5:00	(15.7)	15.2	(0.0)	5.0	3/7/19 18:00	52.5	(41.9)	2.5	13.5
3/7/19 5:15	19.6	(14.7)	0.0	5.0	3/7/19 18:15	45.2	(10.2)	0.1	36.6
3/7/19 5:30	38.7	(2.3)	(0.0)	36.6	3/7/19 18:30	(9.8)	4.1	(0.0)	12.1
3/7/19 5:45	46.9	(4.2)	(0.0)	42.7	3/7/19 18:45	40.1	10.9	(0.0)	50.7
3/7/19 6:00	41.1	(15.7)	0.0	25.4	3/7/19 19:00	(33.3)	(6.2)	(0.0)	(38.9)
3/7/19 6:15	40.0	(3.3)	0.0	39.7	3/7/19 19:15	13.3	(4.3)	0.0	13.9
3/7/19 6:30	26.6	10.6	(0.0)	37.2	3/7/19 19:30	(6.2)	(14.4)	(0.0)	(20.7)
3/7/19 6:45	15.7	6.2	(2.8)	19.1	3/7/19 19:45	(19.2)	(57.9)	0.0	(76.7)
3/7/19 7:00	14.1	2.9	(4.6)	12.4	3/7/19 20:00	(14.3)	(67.8)	(0.0)	(74.8)
3/7/19 7:15	2.4	(7.6)	(1.9)	(7.1)	3/7/19 20:15	(11.1)	(37.5)	(0.0)	(46.3)
3/7/19 7:30	(2.5)	(28.4)	(2.9)	(33.2)	3/7/19 20:30	(20.6)	(36.3)	0.0	(56.9)
3/7/19 7:45	(9.3)	(24.0)	(6.3)	(39.7)	3/7/19 20:45	(53.6)	(41.6)	(0.0)	(95.2)
3/7/19 8:00	(15.0)	(25.9)	(10.3)	(51.2)	3/7/19 21:00	(21.8)	(11.0)	0.0	(32.8)
3/7/19 8:15	(7.5)	(36.9)	(6.5)	(50.9)	3/7/19 21:15	(16.8)	11.5	0.0	(9.4)
3/7/19 8:30	(13.8)	(21.8)	(3.9)	(39.4)	3/7/19 21:30	(29.9)	22.5	(0.0)	(9.1)
3/7/19 8:45	(6.3)	5.9	(6.0)	(6.3)	3/7/19 21:45	9.2	12.5	(0.0)	17.7
3/7/19 9:00	(5.7)	3.8	(0.9)	(4.4)	3/7/19 22:00	(32.5)	(14.5)	(0.0)	(46.1)
3/7/19 9:15	(8.8)	(14.4)	(17.5)	(39.0)	3/7/19 22:15	11.2	(1.3)	(0.0)	(11.9)
3/7/19 9:30	(20.3)	21.7	(14.1)	(12.7)	3/7/19 22:30	(42.4)	31.5	0.0	(15.1)
3/7/19 9:45	(6.9)	20.5	14.4	27.3	3/7/19 22:45	4.5	(10.8)	(0.0)	(8.0)
3/7/19 10:00	(7.9)	(5.7)	(20.0)	(32.9)	3/7/19 23:00	(37.7)	10.8	(0.0)	(26.9)
3/7/19 10:15	(2.5)	4.2	(4.6)	(9.8)	3/7/19 23:15	(29.1)	(8.7)	0.0	(37.8)
3/7/19 10:30	(2.9)	7.7	6.3	12.5	3/7/19 23:30	(21.1)	(4.6)	(0.0)	(25.7)
3/7/19 10:45	5.7	1.1	8.1	11.2	3/7/19 23:45	(16.1)	(19.5)	0.0	(28.7)
3/7/19 11:00	(4.4)	2.9	(5.9)	(7.0)	3/8/19 0:00	(5.0)	(43.2)	(0.0)	(48.2)
3/7/19 11:15	(4.4)	3.9	4.3	5.9	3/8/19 0:15	(30.3)	(20.4)	(0.0)	(49.9)
3/7/19 11:30	(7.1)	2.8	(17.0)	(21.9)	3/8/19 0:30	16.3	52.9	0.0	67.2
3/7/19 11:45	(6.4)	(11.8)	(3.9)	(22.1)	3/8/19 0:45	6.3	51.8	0.0	58.2
3/7/19 12:00	(16.6)	6.2	(22.8)	(37.5)	3/8/19 1:00	(29.8)	41.8	0.0	13.8
3/7/19 12:15	(11.5)	36.6	5.0	29.0	3/8/19 1:15	12.6	64.8	(0.0)	70.2
3/7/19 12:30	(11.2)	9.1	1.8	3.0	3/8/19 1:30	(8.1)	62.6	0.0	55.2
3/7/19 12:45	8.1	(7.6)	9.4	12.3	3/8/19 1:45	(20.0)	62.2	0.0	43.2
3/7/19 13:00	(3.2)	(13.4)	(1.3)	(15.9)	3/8/19 2:00	8.5	45.5	(0.0)	48.8

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/8/19 2:15	(12.1)	33.0	0.0	23.9	3/8/19 15:15	20.6	23.3	24.4	49.5
3/8/19 2:30	(12.5)	12.3	0.0	12.4	3/8/19 15:30	19.5	(49.4)	(5.0)	(34.3)
3/8/19 2:45	17.8	4.2	(0.0)	22.0	3/8/19 15:45	(9.8)	(6.2)	18.8	18.8
3/8/19 3:00	11.9	(7.6)	0.0	6.9	3/8/19 16:00	21.2	(13.9)	(3.3)	(11.2)
3/8/19 3:15	(20.1)	(16.8)	0.0	(36.9)	3/8/19 16:15	28.5	(110.2)	(3.9)	(83.4)
3/8/19 3:30	(15.6)	(10.3)	(0.0)	(23.8)	3/8/19 16:30	(30.3)	45.8	31.7	49.4
3/8/19 3:45	34.7	(7.0)	0.0	27.7	3/8/19 16:45	(9.7)	(62.2)	15.3	(49.7)
3/8/19 4:00	31.4	(27.4)	(0.0)	7.2	3/8/19 17:00	31.5	(26.6)	9.7	17.6
3/8/19 4:15	(31.4)	(28.7)	0.0	(59.0)	3/8/19 17:15	15.3	(6.6)	18.8	28.0
3/8/19 4:30	(37.8)	(16.5)	(0.0)	(54.3)	3/8/19 17:30	23.0	(28.9)	8.6	11.9
3/8/19 4:45	53.8	(32.9)	0.0	20.9	3/8/19 17:45	10.9	(14.9)	2.0	(5.5)
3/8/19 5:00	38.3	(32.7)	(0.0)	7.6	3/8/19 18:00	37.6	42.2	0.3	80.1
3/8/19 5:15	7.7	(23.4)	(0.1)	(21.5)	3/8/19 18:15	19.0	46.3	(0.0)	65.4
3/8/19 5:30	52.2	(52.9)	0.1	(6.2)	3/8/19 18:30	3.0	74.4	(0.0)	76.0
3/8/19 5:45	48.7	(7.4)	(0.1)	41.2	3/8/19 18:45	(45.4)	35.4	(0.0)	(21.6)
3/8/19 6:00	24.8	(15.8)	(0.0)	12.8	3/8/19 19:00	(26.8)	16.2	0.0	(15.4)
3/8/19 6:15	50.0	(11.8)	(0.1)	38.2	3/8/19 19:15	(11.0)	42.5	0.0	31.5
3/8/19 6:30	24.2	(33.2)	(0.3)	(9.4)	3/8/19 19:30	20.7	67.9	0.0	86.9
3/8/19 6:45	(15.1)	(12.0)	(3.7)	(23.1)	3/8/19 19:45	(7.7)	94.0	(0.0)	90.6
3/8/19 7:00	14.5	(28.4)	(10.1)	(24.2)	3/8/19 20:00	(26.4)	99.1	(0.0)	72.7
3/8/19 7:15	(3.0)	2.8	(15.5)	(17.9)	3/8/19 20:15	(38.4)	41.9	(0.0)	17.1
3/8/19 7:30	(25.2)	(16.5)	(9.0)	(49.9)	3/8/19 20:30	(11.0)	(45.0)	(0.0)	(53.0)
3/8/19 7:45	(27.8)	(18.7)	(19.0)	(60.3)	3/8/19 20:45	(10.7)	(54.7)	0.0	(65.3)
3/8/19 8:00	(8.7)	(3.7)	(19.2)	(29.4)	3/8/19 21:00	(47.1)	(14.3)	0.0	(58.5)
3/8/19 8:15	7.3	13.6	(4.2)	16.9	3/8/19 21:15	15.0	61.4	0.0	72.1
3/8/19 8:30	(36.4)	16.7	(4.8)	(24.3)	3/8/19 21:30	(13.7)	31.1	(0.0)	23.5
3/8/19 8:45	(12.4)	(10.2)	(4.0)	(23.4)	3/8/19 21:45	(31.6)	(67.2)	0.0	(98.8)
3/8/19 9:00	17.3	(36.1)	(4.3)	(29.3)	3/8/19 22:00	(57.2)	(72.7)	(0.0)	(128.1)
3/8/19 9:15	16.4	(46.0)	(34.0)	(63.6)	3/8/19 22:15	19.4	(7.9)	(0.0)	24.2
3/8/19 9:30	10.5	(27.2)	(4.3)	(17.5)	3/8/19 22:30	(17.4)	(37.8)	0.0	(55.2)
3/8/19 9:45	(23.6)	(12.3)	(8.3)	(43.7)	3/8/19 22:45	(44.5)	(17.0)	(0.0)	(59.3)
3/8/19 10:00	35.5	(38.6)	1.1	(3.0)	3/8/19 23:00	(64.1)	34.1	0.0	(38.6)
3/8/19 10:15	18.0	(26.7)	9.6	4.6	3/8/19 23:15	20.8	24.8	0.0	39.6
3/8/19 10:30	(10.3)	(18.2)	(3.4)	(29.6)	3/8/19 23:30	(25.8)	25.9	(0.0)	2.2
3/8/19 10:45	(27.0)	(43.4)	3.0	(69.4)	3/8/19 23:45	10.5	63.7	0.0	72.0
3/8/19 11:00	(9.3)	(15.0)	(3.7)	(23.1)	3/9/19 0:00	(21.2)	160.1	(0.0)	139.9
3/8/19 11:15	22.6	(64.1)	6.7	(34.8)	3/9/19 0:15	(32.1)	100.1	0.0	68.0
3/8/19 11:30	(8.0)	(81.5)	(4.2)	(91.0)	3/9/19 0:30	(34.8)	48.1	0.0	23.6
3/8/19 11:45	(30.5)	(80.3)	(3.8)	(112.1)	3/9/19 0:45	14.7	(27.8)	0.0	(15.4)
3/8/19 12:00	19.2	(66.8)	4.8	(44.4)	3/9/19 1:00	(6.8)	(90.4)	(0.0)	(97.1)
3/8/19 12:15	(8.9)	(71.7)	3.6	(77.1)	3/9/19 1:15	(14.6)	(120.6)	(0.0)	(132.4)
3/8/19 12:30	(37.3)	39.5	3.7	(11.2)	3/9/19 1:30	(28.2)	(27.2)	0.0	(52.2)
3/8/19 12:45	53.4	31.0	1.5	71.1	3/9/19 1:45	28.4	(33.1)	(0.0)	(18.2)
3/8/19 13:00	46.3	(30.8)	6.2	21.9	3/9/19 2:00	24.8	(81.0)	0.0	(64.4)
3/8/19 13:15	28.8	(66.2)	9.6	(34.4)	3/9/19 2:15	(32.3)	4.6	0.0	(31.7)
3/8/19 13:30	(14.9)	(13.4)	(12.3)	(31.8)	3/9/19 2:30	17.4	(42.9)	0.0	(25.7)
3/8/19 13:45	15.1	(11.9)	(7.1)	(12.1)	3/9/19 2:45	6.1	(27.9)	(0.0)	(27.6)
3/8/19 14:00	2.6	10.6	(3.6)	(10.8)	3/9/19 3:00	(22.4)	61.8	0.0	44.3
3/8/19 14:15	(35.8)	35.7	(3.7)	(4.4)	3/9/19 3:15	(13.7)	84.2	(0.0)	78.9
3/8/19 14:30	45.5	10.3	(2.5)	52.1	3/9/19 3:30	6.1	3.1	(0.0)	5.5
3/8/19 14:45	(3.0)	(5.3)	1.4	(7.5)	3/9/19 3:45	(5.4)	(17.5)	0.0	(17.7)
3/8/19 15:00	(20.4)	4.9	4.0	(13.3)	3/9/19 4:00	(21.1)	72.3	(0.0)	61.5

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/9/19 4:15	78.8	(35.2)	(0.0)	56.1	3/9/19 17:15	38.8	(83.2)	20.1	(27.5)
3/9/19 4:30	16.1	(35.9)	(0.0)	(19.7)	3/9/19 17:30	31.8	(53.3)	19.5	(14.0)
3/9/19 4:45	9.7	(5.1)	0.0	7.1	3/9/19 17:45	42.1	26.1	9.7	77.9
3/9/19 5:00	20.3	(11.8)	0.0	(10.9)	3/9/19 18:00	45.1	6.4	2.3	53.3
3/9/19 5:15	61.6	(66.8)	0.0	(13.0)	3/9/19 18:15	42.0	8.4	0.1	50.5
3/9/19 5:30	9.8	(56.4)	(0.0)	(48.5)	3/9/19 18:30	28.7	13.0	(0.0)	41.8
3/9/19 5:45	(17.5)	(24.5)	(0.0)	(41.3)	3/9/19 18:45	6.2	(4.1)	(0.0)	8.8
3/9/19 6:00	23.4	(11.9)	(0.0)	27.4	3/9/19 19:00	(7.0)	(16.4)	(0.0)	(23.5)
3/9/19 6:15	49.1	10.0	(0.1)	56.0	3/9/19 19:15	(14.2)	25.5	0.0	13.5
3/9/19 6:30	3.7	(2.7)	(1.1)	2.9	3/9/19 19:30	(7.0)	86.4	(0.0)	79.3
3/9/19 6:45	(12.7)	(13.7)	(6.3)	(29.8)	3/9/19 19:45	(4.7)	91.2	0.0	87.5
3/9/19 7:00	9.1	(6.0)	(16.0)	(21.4)	3/9/19 20:00	(9.7)	59.8	(0.0)	53.5
3/9/19 7:15	6.6	(23.4)	(19.2)	(35.6)	3/9/19 20:15	(31.4)	21.0	0.0	(13.6)
3/9/19 7:30	(19.3)	23.4	7.6	13.4	3/9/19 20:30	(18.8)	46.8	(0.0)	28.1
3/9/19 7:45	16.6	63.5	(15.1)	62.0	3/9/19 20:45	(15.1)	85.0	0.0	69.9
3/9/19 8:00	22.7	70.2	(60.5)	32.4	3/9/19 21:00	(16.2)	79.9	0.0	63.7
3/9/19 8:15	16.3	17.1	(23.0)	12.8	3/9/19 21:15	(19.6)	73.2	(0.0)	53.6
3/9/19 8:30	(27.7)	(7.6)	(3.6)	(34.4)	3/9/19 21:30	(26.2)	43.5	(0.0)	17.2
3/9/19 8:45	37.2	(28.6)	(0.6)	13.8	3/9/19 21:45	(18.0)	29.2	0.0	11.5
3/9/19 9:00	(11.1)	(9.7)	0.6	(18.0)	3/9/19 22:00	(25.7)	18.4	(0.0)	(7.4)
3/9/19 9:15	12.3	(6.1)	(0.2)	10.0	3/9/19 22:15	(16.2)	7.8	0.0	(14.3)
3/9/19 9:30	(23.2)	36.5	4.0	22.5	3/9/19 22:30	(24.6)	(13.0)	(0.0)	(36.7)
3/9/19 9:45	8.4	13.4	1.3	22.9	3/9/19 22:45	(24.8)	7.5	(0.0)	(17.3)
3/9/19 10:00	(2.1)	(44.8)	0.5	(44.7)	3/9/19 23:00	(20.9)	(2.2)	0.0	(22.3)
3/9/19 10:15	(32.7)	(23.2)	1.2	(53.1)	3/9/19 23:15	12.4	(15.8)	0.0	(12.3)
3/9/19 10:30	11.4	104.4	(0.9)	107.7	3/9/19 23:30	(15.3)	(14.1)	(0.0)	(29.4)
3/9/19 10:45	13.9	(20.4)	15.7	23.9	3/9/19 23:45	(31.2)	20.3	(0.0)	(11.0)
3/9/19 11:00	(13.7)	(43.2)	18.2	(37.6)	3/10/19 0:00	(26.9)	4.0	(0.0)	(23.3)
3/9/19 11:15	(19.6)	(31.2)	13.6	(29.3)	3/10/19 0:15	9.8	3.3	0.0	11.2
3/9/19 11:30	8.7	16.4	1.8	11.4	3/10/19 0:30	(4.5)	(16.7)	0.0	(21.1)
3/9/19 11:45	(7.5)	62.6	(12.9)	48.4	3/10/19 0:45	(29.6)	6.8	0.0	(28.5)
3/9/19 12:00	(49.7)	31.6	(33.3)	(50.6)	3/10/19 1:00	9.7	(4.4)	(0.0)	(12.2)
3/9/19 12:15	10.6	(37.6)	18.8	(16.4)	3/10/19 1:15	(1.9)	(19.4)	0.0	(19.9)
3/9/19 12:30	(9.1)	3.5	30.9	30.4	3/10/19 1:30	(27.8)	(24.1)	(0.0)	(51.9)
3/9/19 12:45	(34.0)	3.9	(1.7)	(33.3)	3/10/19 1:45	10.1	(12.5)	(0.0)	(11.5)
3/9/19 13:00	(15.3)	86.1	(5.9)	70.5	3/10/19 3:00	(15.8)	(18.5)	0.0	(34.1)
3/9/19 13:15	5.5	24.0	(2.0)	25.2	3/10/19 3:15	(9.1)	(34.2)	(0.0)	(35.9)
3/9/19 13:30	6.0	14.8	(13.5)	7.4	3/10/19 3:30	2.9	(33.1)	0.0	(30.2)
3/9/19 13:45	(23.6)	14.5	8.1	(8.9)	3/10/19 3:45	36.0	(52.9)	0.0	(17.5)
3/9/19 14:00	(29.3)	16.7	8.2	(10.4)	3/10/19 4:00	(32.5)	(39.2)	0.0	(71.3)
3/9/19 14:15	10.6	30.5	(21.5)	17.6	3/10/19 4:15	19.8	(23.0)	(0.0)	(20.4)
3/9/19 14:30	(34.8)	(5.5)	7.9	(31.2)	3/10/19 4:30	20.6	(24.0)	(0.0)	(8.8)
3/9/19 14:45	(17.3)	3.8	30.1	16.7	3/10/19 4:45	18.8	(1.9)	0.0	18.1
3/9/19 15:00	1.6	12.6	(4.2)	10.2	3/10/19 5:00	(16.2)	(27.9)	(0.0)	(40.9)
3/9/19 15:15	6.9	8.4	(22.5)	(7.4)	3/10/19 5:15	43.4	(44.5)	0.0	(7.1)
3/9/19 15:30	6.9	(12.9)	9.3	3.7	3/10/19 5:30	14.5	(37.1)	(0.0)	(22.6)
3/9/19 15:45	10.4	(39.6)	20.1	(11.7)	3/10/19 5:45	(10.1)	(15.3)	0.0	(20.7)
3/9/19 16:00	12.2	(28.5)	5.7	(10.9)	3/10/19 6:00	31.1	2.0	(0.0)	33.1
3/9/19 16:15	11.2	(23.8)	7.0	(7.4)	3/10/19 6:15	43.9	10.9	(0.0)	54.3
3/9/19 16:30	21.1	(20.5)	12.5	13.2	3/10/19 6:30	12.7	(28.3)	(0.0)	(20.0)
3/9/19 16:45	13.6	(16.9)	(13.8)	(17.1)	3/10/19 6:45	11.5	(54.8)	0.0	(55.1)
3/9/19 17:00	18.2	(21.1)	20.5	20.6	3/10/19 7:00	37.1	(28.1)	(0.0)	14.5

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/10/19 7:15	(5.3)	(10.1)	0.0	(14.8)	3/10/19 20:15	22.6	11.2	0.0	33.1
3/10/19 7:30	(28.6)	6.3	(0.6)	(22.9)	3/10/19 20:30	(9.8)	39.0	0.1	29.4
3/10/19 7:45	(10.3)	5.1	(3.6)	(11.1)	3/10/19 20:45	(45.5)	7.3	0.0	(40.1)
3/10/19 8:00	(1.4)	(21.6)	(7.9)	(30.4)	3/10/19 21:00	(17.5)	5.9	0.0	(15.0)
3/10/19 8:15	5.0	(26.7)	(18.9)	(40.5)	3/10/19 21:15	(8.6)	32.9	0.0	32.0
3/10/19 8:30	13.2	(38.2)	(11.6)	(36.7)	3/10/19 21:30	(21.8)	40.3	0.0	18.5
3/10/19 8:45	9.1	5.4	(21.0)	(11.8)	3/10/19 21:45	(58.8)	42.1	0.0	(22.2)
3/10/19 9:00	(2.9)	(14.5)	19.6	6.1	3/10/19 22:00	(12.1)	61.1	0.0	50.7
3/10/19 9:15	(6.1)	(31.9)	(28.6)	(64.4)	3/10/19 22:15	(27.6)	49.0	0.0	24.5
3/10/19 9:30	25.6	(38.7)	(25.6)	(38.8)	3/10/19 22:30	(61.2)	33.5	0.0	(29.6)
3/10/19 9:45	11.7	(44.3)	2.4	(33.6)	3/10/19 22:45	(17.0)	26.1	0.0	11.6
3/10/19 10:00	3.0	28.8	(4.8)	29.3	3/10/19 23:00	(33.7)	15.7	(0.0)	(18.0)
3/10/19 10:15	(8.0)	(74.0)	(19.9)	(101.8)	3/10/19 23:15	(46.8)	12.8	(0.0)	(34.0)
3/10/19 10:30	(9.4)	43.3	(13.8)	21.8	3/10/19 23:30	(10.1)	27.0	(0.0)	29.8
3/10/19 10:45	(11.3)	(26.9)	38.1	(1.9)	3/10/19 23:45	(21.9)	39.9	0.0	18.3
3/10/19 11:00	4.0	20.4	7.3	22.8	3/11/19 0:00	(31.6)	31.1	0.0	(10.9)
3/10/19 11:15	4.6	24.0	2.6	30.3	3/11/19 0:15	16.5	39.9	(0.0)	49.6
3/10/19 11:30	(3.0)	(7.7)	5.0	(5.7)	3/11/19 0:30	(11.7)	53.5	(0.0)	45.7
3/10/19 11:45	(16.5)	(3.9)	8.6	(11.6)	3/11/19 0:45	(8.4)	47.1	0.0	38.7
3/10/19 12:00	(4.9)	19.4	4.5	22.0	3/11/19 1:00	(22.6)	27.2	(0.0)	11.4
3/10/19 12:15	(1.9)	18.3	(10.6)	11.1	3/11/19 1:15	12.6	54.9	0.0	63.0
3/10/19 12:30	(9.1)	14.1	8.6	13.6	3/11/19 1:30	2.9	62.9	0.0	65.4
3/10/19 12:45	2.5	3.4	0.5	3.5	3/11/19 1:45	(37.5)	46.5	0.0	9.4
3/10/19 13:00	(9.6)	(5.5)	6.2	(7.6)	3/11/19 2:00	14.1	21.6	0.0	32.9
3/10/19 13:15	(14.8)	(2.3)	5.3	(11.7)	3/11/19 2:15	(4.1)	(3.9)	0.0	(7.2)
3/10/19 13:30	31.5	(2.3)	(11.5)	18.2	3/11/19 2:30	(28.0)	8.0	0.0	(21.3)
3/10/19 13:45	(4.4)	5.8	6.1	8.3	3/11/19 2:45	25.8	40.5	0.0	58.6
3/10/19 14:00	(3.9)	(5.0)	7.7	2.2	3/11/19 3:00	(13.4)	34.6	0.0	33.4
3/10/19 14:15	(25.5)	12.3	(0.5)	(13.7)	3/11/19 3:15	(18.2)	19.9	0.0	16.1
3/10/19 14:30	27.9	(6.7)	(12.4)	10.4	3/11/19 3:30	21.5	19.5	0.0	39.3
3/10/19 14:45	9.6	(12.7)	3.6	(2.4)	3/11/19 3:45	(17.9)	(6.0)	0.0	(15.0)
3/10/19 15:00	(23.2)	16.5	(4.0)	(7.9)	3/11/19 4:00	37.6	(7.8)	0.0	29.7
3/10/19 15:15	14.6	8.0	8.8	15.6	3/11/19 4:15	23.9	(21.7)	0.0	5.7
3/10/19 15:30	8.0	(3.5)	(13.0)	(14.4)	3/11/19 4:30	(20.9)	(20.4)	0.0	(39.7)
3/10/19 15:45	(28.8)	8.2	6.5	(16.1)	3/11/19 4:45	50.9	(16.7)	0.0	35.6
3/10/19 16:00	8.1	(50.4)	0.9	(44.7)	3/11/19 5:00	32.7	(23.5)	0.0	9.2
3/10/19 16:15	18.3	(11.8)	(1.4)	6.0	3/11/19 5:15	18.3	(7.7)	0.0	10.9
3/10/19 16:30	(19.2)	9.6	0.2	(13.7)	3/11/19 5:30	39.0	(2.8)	0.0	36.4
3/10/19 16:45	9.0	5.5	(13.8)	(12.9)	3/11/19 5:45	52.5	(35.9)	0.0	18.5
3/10/19 17:00	14.0	(5.0)	(15.5)	(14.6)	3/11/19 6:00	51.6	(12.5)	0.0	40.7
3/10/19 17:15	25.7	9.5	(5.9)	27.1	3/11/19 6:15	23.9	14.5	0.0	38.3
3/10/19 17:30	33.3	(22.6)	7.0	16.8	3/11/19 6:30	68.8	9.8	0.0	78.2
3/10/19 17:45	38.6	(45.7)	23.0	16.8	3/11/19 6:45	54.1	(23.0)	0.0	31.1
3/10/19 18:00	48.5	(51.6)	22.3	19.2	3/11/19 7:00	23.6	(33.9)	0.0	(18.0)
3/10/19 18:15	(14.8)	7.2	21.9	20.7	3/11/19 7:15	20.5	(21.7)	(0.1)	(19.6)
3/10/19 18:30	46.0	13.2	15.3	72.3	3/11/19 7:30	30.0	26.9	(1.2)	55.7
3/10/19 18:45	27.6	4.4	10.7	40.0	3/11/19 7:45	12.8	37.2	(3.9)	46.1
3/10/19 19:00	29.7	(16.2)	3.2	18.2	3/11/19 8:00	(13.1)	36.6	1.5	28.1
3/10/19 19:15	9.6	(30.1)	0.2	(25.7)	3/11/19 8:15	23.9	44.7	(2.4)	66.5
3/10/19 19:30	54.9	(29.5)	0.0	27.7	3/11/19 8:30	11.4	56.6	(12.1)	55.9
3/10/19 19:45	9.5	(22.7)	(0.0)	(13.7)	3/11/19 8:45	(23.0)	16.3	(9.8)	(18.0)
3/10/19 20:00	(34.1)	2.1	(0.0)	(33.4)	3/11/19 9:00	25.7	19.1	(6.5)	38.2

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/11/19 9:15	11.0	9.2	(26.3)	(15.8)	3/11/19 22:15	(40.0)	(28.4)	0.0	(68.5)
3/11/19 9:30	(13.6)	(2.1)	5.9	(10.3)	3/11/19 22:30	(29.8)	(15.8)	(0.0)	(40.5)
3/11/19 9:45	(13.2)	(14.1)	(10.5)	(32.7)	3/11/19 22:45	(36.5)	56.2	(0.0)	19.7
3/11/19 10:00	(13.1)	(2.6)	(1.3)	(15.3)	3/11/19 23:00	(20.5)	17.6	(0.0)	(4.0)
3/11/19 10:15	(28.8)	22.4	8.6	21.4	3/11/19 23:15	(17.4)	30.4	(0.0)	13.1
3/11/19 10:30	12.8	39.1	11.7	60.7	3/11/19 23:30	(30.6)	19.1	(0.0)	(12.9)
3/11/19 10:45	4.3	21.0	(5.4)	19.5	3/11/19 23:45	(27.7)	29.2	(0.0)	7.1
3/11/19 11:00	(27.9)	12.4	(4.2)	(19.4)	3/12/19 0:00	(27.9)	33.6	0.0	5.7
3/11/19 11:15	(12.2)	11.2	(11.5)	(15.1)	3/12/19 0:15	(9.1)	34.5	(0.0)	25.4
3/11/19 11:30	(31.2)	8.8	(15.6)	(37.7)	3/12/19 0:30	(13.5)	18.4	0.0	7.7
3/11/19 11:45	(62.3)	7.1	5.9	(51.0)	3/12/19 0:45	(18.2)	(54.3)	(0.0)	(72.6)
3/11/19 12:00	(14.0)	(7.2)	(7.7)	(22.9)	3/12/19 1:00	(12.1)	(34.2)	0.0	(46.0)
3/11/19 12:15	(17.4)	(10.5)	(15.9)	(43.1)	3/12/19 1:15	(4.3)	(22.9)	(0.0)	(27.3)
3/11/19 12:30	(55.7)	(1.6)	8.1	(53.0)	3/12/19 1:30	(6.8)	(38.9)	0.0	(45.7)
3/11/19 12:45	44.4	2.7	2.9	48.0	3/12/19 1:45	(4.3)	(3.7)	0.0	(5.4)
3/11/19 13:00	8.7	(2.3)	7.1	10.9	3/12/19 2:00	(38.2)	(9.5)	0.0	(46.2)
3/11/19 13:15	(19.7)	(18.5)	(9.6)	(42.9)	3/12/19 2:15	(23.4)	70.1	(0.0)	50.7
3/11/19 13:30	(16.6)	(34.9)	(20.3)	(62.9)	3/12/19 2:30	(6.5)	56.3	(0.0)	49.8
3/11/19 13:45	(9.3)	(59.9)	(7.0)	(76.0)	3/12/19 2:45	1.4	34.6	0.0	34.8
3/11/19 14:00	(15.6)	(55.0)	(5.4)	(73.0)	3/12/19 3:00	(1.9)	1.3	0.0	2.1
3/11/19 14:15	15.5	(65.3)	2.4	(49.5)	3/12/19 3:15	5.8	8.3	0.0	14.1
3/11/19 14:30	(3.9)	(50.3)	(9.8)	(60.4)	3/12/19 3:30	3.2	(6.3)	0.0	(5.0)
3/11/19 14:45	9.9	(62.9)	2.0	(60.0)	3/12/19 3:45	4.4	4.6	0.0	6.2
3/11/19 15:00	12.3	(58.9)	(3.6)	(51.9)	3/12/19 4:00	11.3	(24.3)	0.0	(13.0)
3/11/19 15:15	10.3	(74.8)	(0.2)	(64.5)	3/12/19 4:15	9.6	(24.4)	0.0	(15.0)
3/11/19 15:30	(11.7)	(46.5)	2.4	(52.4)	3/12/19 4:30	25.0	(6.3)	0.0	19.8
3/11/19 15:45	24.7	(58.6)	24.9	(19.6)	3/12/19 4:45	46.3	38.7	0.0	85.0
3/11/19 16:00	23.6	(13.5)	4.6	14.4	3/12/19 5:00	28.6	49.4	(0.0)	78.0
3/11/19 16:15	(6.6)	(64.9)	14.7	(61.1)	3/12/19 5:15	23.8	3.1	(0.0)	26.4
3/11/19 16:30	17.0	(62.7)	(12.6)	(68.6)	3/12/19 5:30	24.1	(32.8)	0.0	(17.2)
3/11/19 16:45	39.4	(28.6)	6.0	29.5	3/12/19 5:45	68.5	(27.5)	0.0	41.0
3/11/19 17:00	(15.8)	(52.5)	(5.4)	(62.1)	3/12/19 6:00	56.5	(6.3)	0.0	50.2
3/11/19 17:15	13.6	(35.3)	35.3	21.4	3/12/19 6:15	18.4	(18.5)	(0.0)	(13.8)
3/11/19 17:30	11.2	(23.9)	23.8	12.7	3/12/19 6:30	62.5	(39.4)	0.0	27.2
3/11/19 17:45	(15.1)	(34.0)	16.5	(33.4)	3/12/19 6:45	49.3	(23.6)	(0.0)	25.9
3/11/19 18:00	12.7	(26.5)	(4.9)	(19.0)	3/12/19 7:00	26.1	(29.1)	(0.0)	(6.9)
3/11/19 18:15	26.0	55.4	13.1	91.9	3/12/19 7:15	(9.8)	6.2	(0.0)	8.3
3/11/19 18:30	24.9	33.7	14.3	73.0	3/12/19 7:30	28.2	(36.3)	(1.1)	(14.3)
3/11/19 18:45	(9.8)	15.9	1.6	14.5	3/12/19 7:45	11.0	(78.9)	(3.7)	(71.5)
3/11/19 19:00	47.5	(16.4)	0.9	32.0	3/12/19 8:00	9.4	(28.8)	(0.7)	(25.8)
3/11/19 19:15	29.2	16.7	(0.0)	45.9	3/12/19 8:15	(52.7)	(20.5)	(2.7)	(75.9)
3/11/19 19:30	12.7	26.0	0.0	29.1	3/12/19 8:30	(6.1)	17.4	(2.8)	9.0
3/11/19 19:45	(9.7)	12.4	0.0	8.5	3/12/19 8:45	18.5	32.4	(28.4)	21.1
3/11/19 20:00	24.3	18.8	0.0	41.8	3/12/19 9:00	(20.2)	76.1	(12.4)	45.6
3/11/19 20:15	(2.3)	43.4	(0.0)	41.7	3/12/19 9:15	(23.8)	15.7	(19.2)	(33.7)
3/11/19 20:30	(35.9)	20.3	0.0	(26.1)	3/12/19 9:30	(26.4)	(49.0)	(11.8)	(85.2)
3/11/19 20:45	(26.5)	23.3	0.0	(13.9)	3/12/19 9:45	10.5	10.0	15.6	31.9
3/11/19 21:00	(21.3)	1.9	0.0	(19.5)	3/12/19 10:00	(20.2)	(19.2)	(8.8)	(46.8)
3/11/19 21:15	(22.2)	5.0	(0.0)	(18.2)	3/12/19 10:15	12.8	(8.1)	(2.6)	(14.9)
3/11/19 21:30	(27.9)	11.8	0.0	(19.6)	3/12/19 10:30	12.3	(2.1)	(18.5)	(11.1)
3/11/19 21:45	(24.0)	(11.0)	(0.0)	(34.5)	3/12/19 10:45	(11.9)	(9.2)	4.9	(16.1)
3/11/19 22:00	(60.0)	21.7	0.0	(42.1)	3/12/19 11:00	(33.0)	(17.4)	(6.1)	(55.7)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/12/19 11:15	14.1	(15.8)	(3.8)	(14.3)	3/13/19 0:15	(10.0)	35.2	0.0	32.2
3/12/19 11:30	19.2	(30.5)	(8.5)	(19.8)	3/13/19 0:30	(30.4)	71.1	(0.0)	40.9
3/12/19 11:45	(18.9)	(46.5)	(3.8)	(67.0)	3/13/19 0:45	29.5	(16.2)	(0.0)	13.3
3/12/19 12:00	(14.3)	(11.3)	(12.4)	(37.6)	3/13/19 1:00	(16.8)	8.5	(0.0)	(8.6)
3/12/19 12:15	12.4	10.6	23.5	45.3	3/13/19 1:15	(21.9)	9.7	0.0	(13.0)
3/12/19 12:30	(16.4)	(13.7)	(15.1)	(39.5)	3/13/19 1:30	(9.5)	19.4	0.0	13.3
3/12/19 12:45	(23.8)	8.7	13.5	18.2	3/13/19 1:45	(33.2)	(35.0)	0.0	(67.8)
3/12/19 13:00	9.0	(9.8)	(8.4)	(15.7)	3/13/19 2:00	20.0	31.0	(0.0)	50.2
3/12/19 13:15	(11.0)	(13.6)	(12.1)	(28.8)	3/13/19 2:15	2.7	38.9	(0.0)	39.4
3/12/19 13:30	(13.1)	2.2	21.4	14.1	3/13/19 2:30	(14.6)	(9.7)	0.0	(23.4)
3/12/19 13:45	(7.5)	3.7	(11.3)	(18.1)	3/13/19 2:45	(19.1)	37.9	(0.0)	21.9
3/12/19 14:00	(14.0)	10.3	(2.1)	(10.9)	3/13/19 3:00	3.7	(5.4)	0.0	(3.1)
3/12/19 14:15	12.8	1.5	19.0	32.1	3/13/19 3:15	(4.9)	(14.6)	0.0	(19.2)
3/12/19 14:30	9.4	9.2	(13.5)	17.0	3/13/19 3:30	(9.7)	(31.7)	(0.0)	(40.9)
3/12/19 14:45	(20.3)	16.5	5.3	(8.0)	3/13/19 3:45	15.0	14.0	0.0	26.0
3/12/19 15:00	5.8	41.9	10.5	52.0	3/13/19 4:00	16.0	16.5	0.0	32.5
3/12/19 15:15	6.8	54.9	30.2	85.4	3/13/19 4:15	11.8	44.7	0.0	56.6
3/12/19 15:30	10.6	37.1	11.3	51.2	3/13/19 4:30	14.0	(24.8)	(0.0)	(11.9)
3/12/19 15:45	7.0	31.3	(4.2)	31.2	3/13/19 4:45	23.6	(13.5)	0.0	10.2
3/12/19 16:00	(3.3)	18.2	11.9	27.9	3/13/19 5:00	22.7	7.8	(0.0)	29.8
3/12/19 16:15	7.5	27.1	8.6	33.1	3/13/19 5:15	29.8	(17.8)	(0.0)	12.0
3/12/19 16:30	22.2	94.2	(4.7)	112.2	3/13/19 5:30	29.9	51.6	0.0	81.4
3/12/19 16:45	(15.6)	45.0	(3.0)	28.6	3/13/19 5:45	33.6	16.2	(0.0)	39.4
3/12/19 17:00	(24.7)	(3.1)	3.0	(23.6)	3/13/19 6:00	34.9	34.0	0.0	64.4
3/12/19 17:15	21.3	9.4	8.1	35.0	3/13/19 6:15	25.3	(41.9)	(0.0)	(26.9)
3/12/19 17:30	16.1	41.2	6.8	64.2	3/13/19 6:30	20.0	(47.7)	(0.0)	(27.7)
3/12/19 17:45	8.6	(6.8)	3.1	14.9	3/13/19 6:45	41.1	(56.1)	0.0	(15.3)
3/12/19 18:00	12.2	(77.6)	3.1	(63.9)	3/13/19 7:00	50.7	(71.9)	(0.1)	(21.3)
3/12/19 18:15	(7.1)	(102.9)	2.0	(103.6)	3/13/19 7:15	20.5	(60.4)	(0.0)	(39.9)
3/12/19 18:30	23.9	(58.2)	3.4	(30.9)	3/13/19 7:30	17.8	43.0	(0.0)	58.1
3/12/19 18:45	49.7	(88.8)	2.1	(39.1)	3/13/19 7:45	16.2	30.3	(0.0)	46.5
3/12/19 19:00	37.8	(20.6)	0.5	21.5	3/13/19 8:00	23.7	(18.0)	(0.3)	13.0
3/12/19 19:15	23.3	65.8	0.0	87.0	3/13/19 8:15	20.0	(26.6)	(1.0)	(16.8)
3/12/19 19:30	(11.6)	91.0	0.0	83.0	3/13/19 8:30	27.7	25.7	(1.4)	48.5
3/12/19 19:45	(17.3)	6.8	(0.0)	(22.4)	3/13/19 8:45	18.8	68.9	(0.4)	87.3
3/12/19 20:00	(19.1)	(24.1)	(0.0)	(42.0)	3/13/19 9:00	12.1	21.8	(1.5)	32.4
3/12/19 20:15	(24.3)	1.3	0.0	(23.2)	3/13/19 9:15	13.0	5.6	(5.0)	13.6
3/12/19 20:30	17.5	(7.3)	(0.0)	13.5	3/13/19 9:30	17.4	(13.2)	(3.1)	(23.7)
3/12/19 20:45	(13.1)	(15.0)	0.0	(28.0)	3/13/19 9:45	(22.8)	(58.9)	(2.4)	(76.4)
3/12/19 21:00	(35.6)	(112.5)	(0.0)	(148.2)	3/13/19 10:00	16.2	38.0	(1.8)	46.0
3/12/19 21:15	8.1	(130.7)	(0.0)	(122.6)	3/13/19 10:15	3.1	70.8	(2.6)	71.3
3/12/19 21:30	(14.9)	(125.2)	(0.0)	(140.0)	3/13/19 10:30	3.7	43.4	0.4	47.2
3/12/19 21:45	(31.7)	(53.1)	(0.0)	(82.6)	3/13/19 10:45	(21.9)	10.3	(1.8)	(20.4)
3/12/19 22:00	16.9	(41.3)	(0.0)	(26.9)	3/13/19 11:00	(44.7)	63.9	(1.4)	28.5
3/12/19 22:15	(17.6)	(6.8)	0.0	(15.7)	3/13/19 11:15	(38.8)	114.6	(2.4)	73.4
3/12/19 22:30	(59.1)	33.7	0.0	(26.7)	3/13/19 11:30	(30.1)	30.9	(2.8)	(9.4)
3/12/19 22:45	(3.6)	16.9	0.0	13.3	3/13/19 11:45	(39.7)	(8.5)	(4.5)	(49.1)
3/12/19 23:00	(20.6)	29.5	(0.0)	9.6	3/13/19 12:00	(30.0)	(36.3)	1.5	(64.5)
3/12/19 23:15	(38.9)	21.2	(0.0)	(24.1)	3/13/19 12:15	(3.3)	(24.8)	2.6	(25.0)
3/12/19 23:30	6.4	(16.2)	0.0	(16.0)	3/13/19 12:30	(26.5)	12.4	(3.5)	(33.8)
3/12/19 23:45	(24.6)	(13.4)	(0.0)	(37.3)	3/13/19 12:45	7.5	60.8	1.3	68.2
3/13/19 0:00	(57.8)	30.5	0.0	(27.3)	3/13/19 13:00	(15.3)	53.8	(1.7)	38.6

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/13/19 13:15	11.0	47.9	(0.5)	58.7	3/14/19 2:15	55.3	(30.7)	0.0	27.8
3/13/19 13:30	(15.9)	28.4	0.3	21.0	3/14/19 2:30	4.0	(3.8)	(0.0)	2.9
3/13/19 13:45	(4.4)	97.7	(1.7)	93.1	3/14/19 2:45	31.7	(12.7)	0.0	20.6
3/13/19 14:00	(21.5)	65.4	1.3	45.0	3/14/19 3:00	9.6	(19.9)	0.0	(10.9)
3/13/19 14:15	11.0	44.9	4.1	57.8	3/14/19 3:15	(13.7)	(9.6)	0.0	(22.7)
3/13/19 14:30	(15.5)	60.9	2.1	47.4	3/14/19 3:30	(13.3)	(12.9)	(0.0)	(18.9)
3/13/19 14:45	(3.8)	(8.1)	(0.5)	(9.1)	3/14/19 3:45	15.1	5.1	0.0	19.0
3/13/19 15:00	(7.6)	9.8	(1.6)	4.9	3/14/19 4:00	18.4	20.2	0.0	36.1
3/13/19 15:15	3.8	12.3	(0.2)	15.7	3/14/19 4:15	(20.5)	(5.5)	0.0	(22.4)
3/13/19 15:30	(2.6)	6.5	1.1	7.2	3/14/19 4:30	14.2	(15.3)	0.0	(5.4)
3/13/19 15:45	11.0	23.7	2.8	37.5	3/14/19 4:45	38.5	(19.5)	(0.0)	19.6
3/13/19 16:00	12.1	28.8	(2.6)	38.7	3/14/19 5:00	26.2	(8.4)	0.0	18.1
3/13/19 16:15	30.5	13.7	(3.3)	40.8	3/14/19 5:15	(8.2)	4.0	0.0	7.2
3/13/19 16:30	20.5	19.5	2.4	42.2	3/14/19 5:30	52.8	(5.2)	(0.0)	47.6
3/13/19 16:45	18.5	5.1	3.1	22.8	3/14/19 5:45	36.7	(23.3)	0.0	13.4
3/13/19 17:00	10.3	13.7	4.6	28.5	3/14/19 6:00	23.4	13.2	(0.0)	35.9
3/13/19 17:15	3.2	(14.0)	2.3	(11.0)	3/14/19 6:15	83.0	(5.4)	(0.0)	79.7
3/13/19 17:30	15.6	(12.4)	1.8	15.8	3/14/19 6:30	20.2	13.0	0.0	32.1
3/13/19 17:45	9.1	5.2	3.2	13.5	3/14/19 6:45	12.9	(23.2)	(0.0)	(17.3)
3/13/19 18:00	6.2	9.1	1.8	13.7	3/14/19 7:00	61.2	(7.3)	(0.0)	54.0
3/13/19 18:15	4.8	21.8	2.5	28.8	3/14/19 7:15	10.1	9.6	(0.1)	12.4
3/13/19 18:30	15.6	(3.7)	3.1	16.3	3/14/19 7:30	(22.8)	54.8	(2.3)	39.8
3/13/19 18:45	11.2	5.8	3.5	20.3	3/14/19 7:45	(26.5)	16.3	(6.8)	(22.7)
3/13/19 19:00	7.5	(6.8)	2.0	3.0	3/14/19 8:00	16.3	(38.6)	(9.0)	(40.4)
3/13/19 19:15	11.2	(7.3)	0.2	5.7	3/14/19 8:15	(41.1)	(59.8)	(4.5)	(105.3)
3/13/19 19:30	9.8	(16.1)	(0.0)	(8.5)	3/14/19 8:30	29.7	11.5	(6.3)	34.2
3/13/19 19:45	(11.9)	3.4	(0.0)	(9.9)	3/14/19 8:45	20.8	34.9	(8.7)	47.1
3/13/19 20:00	12.3	(7.9)	0.0	(6.6)	3/14/19 9:00	4.6	(2.5)	(17.9)	(15.5)
3/13/19 20:15	(11.5)	(7.2)	(0.0)	(14.3)	3/14/19 9:15	(2.2)	6.7	(13.1)	(7.2)
3/13/19 20:30	(11.3)	(11.2)	(0.0)	(21.0)	3/14/19 9:30	28.8	(6.0)	(6.9)	18.2
3/13/19 20:45	(48.5)	3.9	0.0	(46.1)	3/14/19 9:45	4.1	(12.1)	(4.3)	(15.9)
3/13/19 21:00	(13.2)	(4.1)	0.0	(15.5)	3/14/19 10:00	7.9	(40.9)	1.3	(35.9)
3/13/19 21:15	(24.4)	(17.0)	0.0	(40.4)	3/14/19 10:15	(34.5)	(60.4)	(7.9)	(102.8)
3/13/19 21:30	(16.8)	(4.6)	0.0	(18.3)	3/14/19 10:30	(14.9)	(41.3)	(7.1)	(61.6)
3/13/19 21:45	(14.8)	(3.0)	(0.0)	(17.8)	3/14/19 10:45	(10.3)	(16.4)	3.9	(21.8)
3/13/19 22:00	(55.5)	1.1	0.0	(54.9)	3/14/19 11:00	9.8	(2.9)	11.1	13.4
3/13/19 22:15	(19.4)	2.4	0.0	(17.2)	3/14/19 11:15	(22.3)	1.0	(6.5)	(27.6)
3/13/19 22:30	(28.2)	5.2	(0.0)	(23.4)	3/14/19 11:30	(46.4)	(3.4)	(17.5)	(61.0)
3/13/19 22:45	(48.3)	8.9	0.0	(39.5)	3/14/19 11:45	24.1	2.9	(4.5)	21.3
3/13/19 23:00	(17.4)	(5.8)	(0.0)	(17.6)	3/14/19 12:00	(7.8)	(2.2)	(3.6)	(12.6)
3/13/19 23:15	(30.9)	(49.7)	(0.0)	(80.6)	3/14/19 12:15	(20.1)	(17.2)	(1.0)	(37.8)
3/13/19 23:30	(23.1)	(36.4)	(0.0)	(59.6)	3/14/19 12:30	9.9	(19.8)	(0.7)	(18.4)
3/13/19 23:45	(57.8)	(28.4)	0.0	(86.2)	3/14/19 12:45	(13.9)	(4.2)	4.6	(13.4)
3/14/19 0:00	(17.4)	(16.2)	0.0	(33.6)	3/14/19 13:00	(56.7)	(5.0)	5.2	(56.2)
3/14/19 0:15	31.0	(13.4)	(0.0)	21.3	3/14/19 13:15	(21.9)	(3.3)	(2.2)	(26.4)
3/14/19 0:30	(22.8)	6.9	0.0	(17.1)	3/14/19 13:30	(12.0)	(10.5)	(3.0)	(21.3)
3/14/19 0:45	(4.4)	(8.6)	(0.0)	(12.8)	3/14/19 13:45	(10.0)	(9.5)	(1.3)	(19.2)
3/14/19 1:00	(22.5)	(11.2)	0.0	(33.7)	3/14/19 14:00	10.4	(13.0)	(1.3)	(13.0)
3/14/19 1:15	9.6	(3.0)	(0.0)	7.8	3/14/19 14:15	(12.0)	(17.6)	(1.5)	(31.2)
3/14/19 1:30	4.3	(4.6)	0.0	(6.0)	3/14/19 14:30	(29.5)	(32.9)	3.3	(59.3)
3/14/19 1:45	(11.3)	(1.1)	0.0	(12.1)	3/14/19 14:45	19.5	(17.4)	4.8	8.0
3/14/19 2:00	8.4	(10.0)	(0.0)	(5.6)	3/14/19 15:00	(9.3)	(10.5)	1.5	(19.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/14/19 15:15	(41.1)	(8.1)	3.3	(46.0)	3/15/19 4:15	16.0	8.4	0.0	21.9
3/14/19 15:30	4.0	(2.5)	2.9	4.5	3/15/19 4:30	11.8	(2.1)	(0.0)	(10.3)
3/14/19 15:45	3.8	(5.8)	(3.2)	(7.4)	3/15/19 4:45	36.6	(8.2)	0.0	28.4
3/14/19 16:00	7.8	(1.5)	8.1	14.2	3/15/19 5:00	28.7	(16.3)	0.0	13.9
3/14/19 16:15	23.3	(0.8)	13.8	36.1	3/15/19 5:15	13.1	(22.8)	(0.0)	(16.9)
3/14/19 16:30	27.8	(1.3)	12.4	38.9	3/15/19 5:30	45.0	(20.6)	0.0	24.4
3/14/19 16:45	19.6	0.4	4.0	23.8	3/15/19 5:45	47.1	(25.8)	0.0	23.2
3/14/19 17:00	(14.8)	(3.5)	12.0	(9.2)	3/15/19 6:00	42.8	(22.0)	(0.0)	25.5
3/14/19 17:15	27.3	(11.8)	10.9	26.3	3/15/19 6:15	44.9	(27.6)	0.0	17.3
3/14/19 17:30	29.1	3.2	(0.9)	30.3	3/15/19 6:30	(17.7)	(30.7)	0.0	(48.4)
3/14/19 17:45	30.2	(24.2)	9.0	18.1	3/15/19 6:45	25.2	5.9	(0.0)	31.1
3/14/19 18:00	32.3	(15.5)	12.2	36.0	3/15/19 7:00	27.6	(31.3)	(0.0)	(8.5)
3/14/19 18:15	(7.6)	37.6	10.4	41.1	3/15/19 7:15	(11.5)	(49.2)	(0.6)	(54.4)
3/14/19 18:30	22.0	49.5	4.4	74.9	3/15/19 7:30	14.3	(25.3)	(3.3)	(30.4)
3/14/19 18:45	15.3	63.4	3.0	81.7	3/15/19 7:45	9.7	3.2	(14.9)	(6.4)
3/14/19 19:00	14.5	42.4	2.2	52.7	3/15/19 8:00	3.9	8.6	(17.7)	(9.7)
3/14/19 19:15	57.5	34.9	0.4	92.3	3/15/19 8:15	(29.7)	29.9	(18.8)	(18.6)
3/14/19 19:30	53.7	14.0	0.0	67.7	3/15/19 8:30	15.1	35.8	(19.0)	28.7
3/14/19 19:45	(12.0)	3.4	0.0	(10.9)	3/15/19 8:45	(5.0)	24.7	(19.0)	4.7
3/14/19 20:00	(24.0)	8.3	(0.0)	(17.2)	3/15/19 9:00	(11.7)	33.9	(14.0)	10.3
3/14/19 20:15	4.3	(1.2)	(0.0)	4.3	3/15/19 9:15	(26.0)	32.6	(5.6)	8.9
3/14/19 20:30	(6.6)	4.1	0.0	(5.4)	3/15/19 9:30	(7.7)	18.3	(1.3)	15.4
3/14/19 20:45	(37.3)	(14.7)	(0.0)	(52.0)	3/15/19 9:45	(19.0)	21.6	(0.6)	8.4
3/14/19 21:00	(7.9)	(10.1)	0.0	(11.5)	3/15/19 10:00	(22.0)	29.7	6.2	22.2
3/14/19 21:15	(6.0)	15.2	(0.0)	14.8	3/15/19 10:15	(15.2)	10.1	(7.4)	(12.9)
3/14/19 21:30	(42.9)	30.9	0.0	(14.3)	3/15/19 10:30	6.9	(2.6)	(0.2)	6.2
3/14/19 21:45	(21.1)	30.8	0.0	14.1	3/15/19 10:45	(35.5)	11.1	(0.5)	(26.6)
3/14/19 22:00	(29.6)	7.5	0.0	(22.1)	3/15/19 11:00	9.8	31.8	(0.1)	33.8
3/14/19 22:15	(47.3)	18.0	(0.0)	(30.5)	3/15/19 11:15	(8.3)	15.7	0.1	8.7
3/14/19 22:30	(17.9)	15.9	(0.0)	9.8	3/15/19 11:30	(36.6)	11.3	0.5	(24.9)
3/14/19 22:45	(25.6)	21.9	(0.0)	(7.0)	3/15/19 11:45	(6.3)	19.9	0.4	18.6
3/14/19 23:00	(43.2)	8.5	(0.0)	(35.1)	3/15/19 12:00	(8.3)	20.0	0.3	12.9
3/14/19 23:15	(10.5)	8.9	(0.0)	5.1	3/15/19 12:15	(51.9)	16.6	(0.9)	(36.2)
3/14/19 23:30	(24.6)	18.5	0.0	(7.7)	3/15/19 12:30	10.3	12.3	0.7	18.3
3/14/19 23:45	(33.9)	46.3	(0.0)	20.9	3/15/19 12:45	(3.1)	8.5	0.7	5.8
3/15/19 0:00	(5.3)	30.3	(0.0)	29.1	3/15/19 13:00	(29.4)	4.6	(1.0)	(25.9)
3/15/19 0:15	(7.6)	24.1	(0.0)	20.6	3/15/19 13:15	25.4	5.2	(1.1)	27.9
3/15/19 0:30	(42.5)	11.2	(0.0)	(32.9)	3/15/19 13:30	(6.7)	3.1	(0.3)	(4.2)
3/15/19 0:45	8.3	(3.5)	(0.0)	(6.8)	3/15/19 13:45	(42.4)	(3.0)	(0.1)	(45.4)
3/15/19 1:00	11.2	6.0	(0.0)	17.0	3/15/19 14:00	17.1	(4.3)	(0.6)	12.8
3/15/19 1:15	18.0	12.2	(0.0)	30.2	3/15/19 14:15	4.3	1.0	(1.1)	3.8
3/15/19 1:30	21.2	2.1	0.0	22.1	3/15/19 14:30	(17.8)	16.9	(0.5)	(9.4)
3/15/19 1:45	6.4	4.3	0.0	10.8	3/15/19 14:45	(30.7)	14.0	(0.8)	(19.2)
3/15/19 2:00	(19.2)	4.4	0.0	(17.4)	3/15/19 15:00	25.1	10.9	0.5	35.9
3/15/19 2:15	15.4	1.8	0.0	16.9	3/15/19 15:15	5.9	12.9	1.6	20.2
3/15/19 2:30	(5.5)	9.8	0.0	4.3	3/15/19 15:30	(41.7)	5.0	0.2	(37.3)
3/15/19 2:45	(6.7)	8.7	(0.0)	9.1	3/15/19 15:45	12.3	2.5	(0.6)	12.9
3/15/19 3:00	8.9	10.3	0.0	15.7	3/15/19 16:00	23.6	7.4	0.3	31.3
3/15/19 3:15	12.6	11.9	(0.0)	24.5	3/15/19 16:15	(5.0)	7.8	1.6	4.6
3/15/19 3:30	(10.0)	2.2	0.0	(10.1)	3/15/19 16:30	(16.0)	(2.1)	1.5	(17.7)
3/15/19 3:45	16.4	(0.8)	0.0	16.1	3/15/19 16:45	21.3	0.8	2.9	24.8
3/15/19 4:00	18.5	1.6	(0.0)	19.8	3/15/19 17:00	13.1	4.4	3.2	17.5

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/15/19 17:15	24.1	2.6	8.1	34.4	3/16/19 6:15	(10.2)	(39.1)	0.0	(41.9)
3/15/19 17:30	(13.3)	(1.6)	16.4	9.6	3/16/19 6:30	47.8	(14.9)	0.0	33.0
3/15/19 17:45	32.8	(1.3)	16.3	47.8	3/16/19 6:45	36.0	3.0	(0.0)	38.8
3/15/19 18:00	16.0	(6.1)	20.5	27.6	3/16/19 7:00	8.8	(1.8)	0.0	7.0
3/15/19 18:15	(58.6)	(6.0)	19.0	(45.6)	3/16/19 7:15	18.3	2.9	(0.8)	18.6
3/15/19 18:30	17.8	(4.6)	14.5	26.0	3/16/19 7:30	21.3	4.9	(4.0)	22.2
3/15/19 18:45	34.0	(7.9)	11.6	37.8	3/16/19 7:45	6.1	29.6	(14.0)	20.3
3/15/19 19:00	23.0	(11.2)	3.4	15.1	3/16/19 8:00	(33.0)	36.7	(20.2)	(17.9)
3/15/19 19:15	44.2	(14.1)	0.5	30.6	3/16/19 8:15	(28.2)	31.7	(21.0)	(17.5)
3/15/19 19:30	46.5	(17.6)	(0.0)	28.9	3/16/19 8:30	(8.6)	29.4	(21.7)	(1.2)
3/15/19 19:45	32.7	(21.7)	(0.0)	13.7	3/16/19 8:45	10.3	19.8	(21.0)	9.4
3/15/19 20:00	(7.5)	(31.7)	(0.0)	(33.7)	3/16/19 9:00	20.2	21.8	(14.5)	27.5
3/15/19 20:15	5.1	(36.0)	0.0	(35.5)	3/16/19 9:15	(49.0)	26.5	(5.4)	(33.0)
3/15/19 20:30	(22.0)	(37.5)	0.0	(59.5)	3/16/19 9:30	(58.1)	31.1	(1.7)	(32.7)
3/15/19 20:45	(9.1)	(17.0)	(0.0)	(24.4)	3/16/19 9:45	21.3	13.8	(1.7)	32.8
3/15/19 21:00	(9.1)	(10.8)	0.0	(15.4)	3/16/19 10:00	(25.7)	12.4	(2.4)	(17.8)
3/15/19 21:15	(8.2)	(12.2)	(0.0)	(19.7)	3/16/19 10:15	1.7	6.4	(0.7)	6.3
3/15/19 21:30	(40.2)	(8.1)	0.0	(48.3)	3/16/19 10:30	(15.3)	17.1	(0.2)	4.2
3/15/19 21:45	(13.5)	(58.1)	(0.0)	(63.0)	3/16/19 10:45	(12.8)	(2.4)	(0.7)	(15.3)
3/15/19 22:00	(16.2)	(28.5)	0.0	(44.7)	3/16/19 11:00	(20.5)	2.3	(1.5)	(20.0)
3/15/19 22:15	(13.8)	(15.6)	(0.0)	(28.2)	3/16/19 11:15	(18.6)	2.8	(0.6)	(16.4)
3/15/19 22:30	(61.6)	(22.2)	(0.0)	(83.8)	3/16/19 11:30	(14.6)	(3.5)	(1.7)	(19.5)
3/15/19 22:45	(27.9)	4.7	(0.0)	(23.9)	3/16/19 11:45	(14.6)	3.9	0.2	(11.5)
3/15/19 23:00	(32.1)	7.0	(0.0)	(25.1)	3/16/19 12:00	11.5	16.6	0.3	24.1
3/15/19 23:15	15.9	18.9	(0.0)	31.3	3/16/19 12:15	(21.4)	15.1	0.2	15.1
3/15/19 23:30	(24.2)	16.1	0.0	(9.1)	3/16/19 12:30	(16.8)	12.4	(0.6)	16.7
3/15/19 23:45	(13.3)	13.0	(0.0)	8.8	3/16/19 12:45	13.5	0.9	(0.6)	13.6
3/16/19 0:00	(37.6)	30.3	0.0	(8.2)	3/16/19 13:00	(3.6)	7.4	(0.1)	6.9
3/16/19 0:15	16.2	17.5	0.0	27.5	3/16/19 13:15	(18.2)	6.7	(0.1)	(11.6)
3/16/19 0:30	(12.2)	(6.6)	(0.0)	(18.9)	3/16/19 13:30	(16.8)	(0.8)	(0.1)	(17.1)
3/16/19 0:45	(8.3)	4.0	0.1	(4.3)	3/16/19 13:45	15.7	8.9	0.0	22.6
3/16/19 1:00	(36.6)	4.9	(0.0)	(31.7)	3/16/19 14:00	(27.0)	11.4	0.1	(17.9)
3/16/19 1:15	17.1	5.2	0.0	21.1	3/16/19 14:15	(21.3)	5.6	(0.6)	(16.4)
3/16/19 1:30	(9.2)	8.5	0.0	(6.2)	3/16/19 14:30	(5.8)	1.9	(1.0)	(5.6)
3/16/19 1:45	(13.4)	25.7	0.0	16.6	3/16/19 14:45	(6.5)	7.9	(0.2)	2.4
3/16/19 2:00	36.4	23.2	(0.0)	59.6	3/16/19 15:00	12.4	(1.0)	(0.2)	11.9
3/16/19 2:15	(15.6)	28.8	0.0	17.3	3/16/19 15:15	22.6	(4.6)	(0.5)	19.6
3/16/19 2:30	(4.2)	21.9	0.0	21.1	3/16/19 15:30	7.5	(4.4)	(1.0)	2.8
3/16/19 2:45	(31.1)	23.7	(0.0)	(10.3)	3/16/19 15:45	(18.0)	(1.7)	(0.2)	(19.8)
3/16/19 3:00	19.4	14.3	0.0	32.7	3/16/19 16:00	18.4	(4.5)	0.1	16.1
3/16/19 3:15	12.9	3.7	(0.0)	16.5	3/16/19 16:15	8.6	3.5	0.4	12.4
3/16/19 3:30	(4.5)	2.3	0.0	(5.7)	3/16/19 16:30	(16.3)	6.9	1.0	(12.5)
3/16/19 3:45	11.0	(2.5)	(0.0)	(10.0)	3/16/19 16:45	33.0	8.8	1.2	42.9
3/16/19 4:00	12.5	(8.3)	(0.0)	6.4	3/16/19 17:00	13.0	13.2	2.3	27.4
3/16/19 4:15	7.4	(19.0)	0.0	(16.3)	3/16/19 17:15	(31.3)	8.5	7.5	(16.0)
3/16/19 4:30	(19.9)	(26.0)	(0.0)	(44.3)	3/16/19 17:30	56.5	3.3	17.5	77.3
3/16/19 4:45	37.4	(24.3)	(0.0)	15.5	3/16/19 17:45	37.6	(1.9)	24.8	60.4
3/16/19 5:00	15.0	(37.6)	(0.0)	(22.6)	3/16/19 18:00	23.6	(0.3)	22.9	43.0
3/16/19 5:15	(9.5)	(43.9)	0.0	(47.6)	3/16/19 18:15	(29.7)	(0.9)	20.8	(13.3)
3/16/19 5:30	33.2	(34.3)	(0.0)	(13.0)	3/16/19 18:30	36.7	(0.5)	18.8	55.3
3/16/19 5:45	22.5	(21.7)	(0.0)	6.3	3/16/19 18:45	41.7	(3.9)	14.9	52.7
3/16/19 6:00	32.6	(14.5)	(0.0)	20.0	3/16/19 19:00	(6.9)	(6.0)	5.4	(7.9)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/16/19 19:15	33.7	(10.0)	0.8	25.2	3/17/19 8:15	(18.6)	46.2	(21.4)	9.0
3/16/19 19:30	45.1	(8.8)	(0.0)	36.3	3/17/19 8:30	(11.5)	39.7	(23.7)	12.5
3/16/19 19:45	14.7	(7.2)	(0.0)	10.8	3/17/19 8:45	(11.1)	18.7	(22.7)	(15.2)
3/16/19 20:00	(15.9)	(8.6)	0.0	(21.0)	3/17/19 9:00	(22.3)	14.5	(14.8)	(22.6)
3/16/19 20:15	15.5	(10.6)	(0.0)	10.8	3/17/19 9:15	14.9	(8.7)	(6.5)	(10.9)
3/16/19 20:30	(4.9)	(20.0)	0.0	(23.5)	3/17/19 9:30	(4.8)	(18.2)	(3.1)	(25.6)
3/16/19 20:45	(29.5)	(10.5)	(0.0)	(39.3)	3/17/19 9:45	(22.1)	7.7	(0.9)	(20.8)
3/16/19 21:00	14.4	(9.0)	0.0	7.7	3/17/19 10:00	9.0	17.2	(0.5)	20.3
3/16/19 21:15	(46.8)	(2.8)	0.0	(49.6)	3/17/19 10:15	(4.3)	17.1	(0.3)	12.5
3/16/19 21:30	(20.9)	(13.4)	0.0	(33.2)	3/17/19 10:30	(30.1)	(4.2)	(0.2)	(32.3)
3/16/19 21:45	15.6	(21.9)	(0.0)	(14.2)	3/17/19 10:45	10.3	(12.0)	0.1	(8.4)
3/16/19 22:00	(49.5)	(25.3)	(0.0)	(74.8)	3/17/19 11:00	(3.0)	(10.3)	0.9	(12.1)
3/16/19 22:15	(10.6)	(25.4)	0.0	(32.6)	3/17/19 11:15	(18.7)	(28.8)	1.0	(46.4)
3/16/19 22:30	(6.6)	(17.1)	0.0	(20.1)	3/17/19 11:30	6.4	(50.5)	0.5	(48.7)
3/16/19 22:45	(18.1)	(19.0)	(0.0)	(32.8)	3/17/19 11:45	(10.5)	(45.5)	0.4	(55.6)
3/16/19 23:00	(39.0)	(17.9)	(0.0)	(56.9)	3/17/19 12:00	(27.6)	(47.6)	(0.4)	(69.8)
3/16/19 23:15	(26.3)	(8.2)	(0.0)	(33.6)	3/17/19 12:15	12.6	(46.2)	(0.5)	(34.4)
3/16/19 23:30	(16.0)	(17.6)	(0.0)	(31.1)	3/17/19 12:30	13.9	(27.5)	0.4	(13.3)
3/16/19 23:45	(5.1)	(27.5)	(0.0)	(31.2)	3/17/19 12:45	(26.8)	(16.1)	0.6	(42.3)
3/17/19 0:00	(26.5)	(29.3)	0.0	(55.8)	3/17/19 13:00	10.0	(16.4)	0.2	(7.9)
3/17/19 0:15	(45.0)	(25.9)	(0.0)	(70.9)	3/17/19 13:15	7.3	13.7	0.1	18.2
3/17/19 0:30	11.0	(10.0)	(0.0)	(13.1)	3/17/19 13:30	(27.1)	19.9	(0.1)	(14.0)
3/17/19 0:45	10.9	(18.1)	0.0	(15.8)	3/17/19 13:45	13.4	3.5	(0.0)	16.4
3/17/19 1:00	39.2	(17.0)	(0.0)	22.1	3/17/19 14:00	5.1	(4.0)	(0.2)	5.9
3/17/19 1:15	(21.1)	(32.6)	0.0	(52.4)	3/17/19 14:15	(39.8)	6.2	(0.2)	(33.8)
3/17/19 1:30	15.8	(52.9)	0.0	(39.3)	3/17/19 14:30	13.2	9.2	(0.4)	19.3
3/17/19 1:45	(3.0)	(63.3)	0.0	(65.1)	3/17/19 14:45	19.0	(4.5)	(0.2)	14.6
3/17/19 2:00	(23.8)	(51.2)	(0.0)	(74.9)	3/17/19 15:00	5.5	6.8	(0.4)	11.1
3/17/19 2:15	16.9	(28.6)	(0.0)	(20.5)	3/17/19 15:15	(24.5)	(6.0)	1.6	(29.6)
3/17/19 2:30	2.8	(17.1)	0.0	(14.3)	3/17/19 15:30	20.4	(2.5)	(1.9)	17.8
3/17/19 2:45	(12.1)	(29.2)	0.0	(41.2)	3/17/19 15:45	11.5	(2.1)	(0.2)	11.4
3/17/19 3:00	8.5	(26.0)	(0.0)	(27.4)	3/17/19 16:00	18.8	2.0	1.0	21.5
3/17/19 3:15	6.0	1.9	(0.0)	5.0	3/17/19 16:15	(24.9)	(5.5)	1.1	(28.9)
3/17/19 3:30	10.9	(2.7)	0.0	9.1	3/17/19 16:30	41.8	(2.4)	0.9	40.6
3/17/19 3:45	(36.3)	(6.8)	0.0	(42.6)	3/17/19 16:45	24.7	(2.9)	1.5	23.5
3/17/19 4:00	34.4	(5.1)	(0.0)	29.8	3/17/19 17:00	7.6	(3.7)	2.1	6.3
3/17/19 4:15	20.2	6.6	0.0	26.9	3/17/19 17:15	(16.3)	10.1	6.5	11.8
3/17/19 4:30	5.2	2.4	0.0	7.6	3/17/19 17:30	53.6	26.3	16.0	95.8
3/17/19 4:45	(17.8)	(4.2)	0.0	(21.0)	3/17/19 17:45	39.0	14.9	24.4	78.2
3/17/19 5:00	25.0	9.4	0.0	33.9	3/17/19 18:00	(15.3)	19.2	22.3	31.0
3/17/19 5:15	17.2	21.1	(0.0)	38.4	3/17/19 18:15	40.2	21.4	20.7	82.4
3/17/19 5:30	12.1	14.9	0.0	26.9	3/17/19 18:30	18.4	3.6	19.0	37.3
3/17/19 5:45	(9.2)	(10.4)	(0.0)	(14.1)	3/17/19 18:45	30.8	24.5	15.5	70.8
3/17/19 6:00	30.5	4.0	0.0	33.7	3/17/19 19:00	6.8	18.8	5.7	24.7
3/17/19 6:15	32.0	10.8	0.0	42.7	3/17/19 19:15	32.0	(34.9)	1.1	(14.4)
3/17/19 6:30	(16.9)	(10.0)	(0.0)	(24.0)	3/17/19 19:30	74.6	(46.9)	0.0	27.7
3/17/19 6:45	(31.4)	10.7	(0.0)	(20.7)	3/17/19 19:45	13.8	(28.5)	0.0	(18.4)
3/17/19 7:00	9.5	20.5	(0.0)	24.5	3/17/19 20:00	(26.5)	(14.5)	(0.0)	(40.9)
3/17/19 7:15	1.2	31.5	(1.1)	31.2	3/17/19 20:15	(18.7)	(3.1)	(0.0)	(21.8)
3/17/19 7:30	42.5	65.5	(6.7)	101.3	3/17/19 20:30	26.3	2.4	0.0	28.7
3/17/19 7:45	(2.3)	82.0	(17.3)	62.7	3/17/19 20:45	(15.9)	7.6	(0.0)	(8.3)
3/17/19 8:00	(5.0)	62.6	(20.3)	39.7	3/17/19 21:00	(25.7)	(4.6)	0.0	(26.8)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/17/19 21:15	(34.4)	(24.4)	(0.0)	(58.9)	3/18/19 10:15	21.4	(41.6)	0.9	(21.8)
3/17/19 21:30	(25.4)	(14.2)	0.0	(39.6)	3/18/19 10:30	(10.4)	(27.6)	(1.6)	(35.8)
3/17/19 21:45	(27.8)	(19.4)	0.0	(47.1)	3/18/19 10:45	(20.5)	(17.2)	(1.6)	(38.8)
3/17/19 22:00	(35.4)	(11.8)	0.0	(47.2)	3/18/19 11:00	21.0	(31.8)	0.6	(17.8)
3/17/19 22:15	(9.6)	10.8	0.0	15.1	3/18/19 11:15	17.0	(21.7)	(1.3)	(10.6)
3/17/19 22:30	(48.6)	11.5	(0.0)	(37.1)	3/18/19 11:30	(14.0)	(20.5)	(1.2)	(27.4)
3/17/19 22:45	(12.8)	9.7	(0.0)	(9.9)	3/18/19 11:45	(11.3)	(30.2)	1.7	(39.7)
3/17/19 23:00	(16.5)	29.5	(0.0)	14.7	3/18/19 12:00	(34.7)	15.3	8.7	(34.5)
3/17/19 23:15	(31.6)	6.8	(0.0)	(27.2)	3/18/19 12:15	17.7	18.3	8.5	39.3
3/17/19 23:30	(48.3)	(22.5)	0.0	(68.6)	3/18/19 12:30	(8.5)	(9.7)	2.1	(16.3)
3/17/19 23:45	48.6	(29.1)	(0.0)	20.9	3/18/19 12:45	(33.8)	11.7	(4.8)	(25.7)
3/18/19 0:00	(11.5)	(12.0)	0.0	(20.9)	3/18/19 13:00	31.2	(5.6)	(5.0)	22.1
3/18/19 0:15	(8.6)	(9.6)	(0.0)	(17.5)	3/18/19 13:15	(11.6)	1.9	6.1	(6.9)
3/18/19 0:30	(11.0)	(26.9)	(0.0)	(37.9)	3/18/19 13:30	(7.1)	132.0	(2.6)	126.7
3/18/19 0:45	(39.0)	(24.0)	0.0	(62.0)	3/18/19 13:45	(29.4)	78.5	(7.3)	49.5
3/18/19 1:00	15.3	(5.1)	0.0	11.6	3/18/19 14:00	14.1	21.8	6.0	33.4
3/18/19 1:15	7.2	24.1	(0.0)	30.5	3/18/19 14:15	11.3	18.5	(9.3)	18.5
3/18/19 1:30	(23.5)	34.8	0.0	11.3	3/18/19 14:30	(22.7)	4.6	1.2	(21.0)
3/18/19 1:45	(10.4)	22.3	0.0	12.5	3/18/19 14:45	16.5	13.8	9.3	37.2
3/18/19 2:00	20.4	8.5	0.0	26.9	3/18/19 15:00	6.4	15.4	(4.1)	15.9
3/18/19 2:15	9.7	11.5	0.0	21.2	3/18/19 15:15	(17.0)	11.0	10.2	19.4
3/18/19 2:30	(24.0)	37.0	(0.0)	17.7	3/18/19 15:30	(37.0)	7.2	(6.1)	(33.5)
3/18/19 2:45	(16.1)	9.7	(0.0)	(8.5)	3/18/19 15:45	13.9	27.3	14.2	44.6
3/18/19 3:00	(6.7)	17.4	(0.0)	16.8	3/18/19 16:00	10.7	24.5	11.0	45.0
3/18/19 3:15	(38.9)	58.4	(0.0)	21.0	3/18/19 16:15	(19.7)	33.8	(15.8)	7.7
3/18/19 3:30	37.3	27.7	0.0	64.7	3/18/19 16:30	24.4	58.7	(4.2)	78.8
3/18/19 3:45	10.7	(2.2)	0.0	11.6	3/18/19 16:45	17.7	49.1	(1.7)	65.1
3/18/19 4:00	22.2	8.6	0.0	30.8	3/18/19 17:00	(12.8)	42.7	5.3	39.4
3/18/19 4:15	(9.7)	2.6	0.0	(9.9)	3/18/19 17:15	25.6	36.7	5.1	67.4
3/18/19 4:30	29.4	6.1	(0.0)	34.2	3/18/19 17:30	31.0	37.9	20.7	89.5
3/18/19 4:45	31.5	9.8	0.0	41.2	3/18/19 17:45	17.0	39.3	19.1	75.3
3/18/19 5:00	14.7	3.6	0.0	18.0	3/18/19 18:00	(12.7)	23.0	27.9	41.1
3/18/19 5:15	26.8	(7.5)	0.0	25.3	3/18/19 18:15	14.9	15.9	24.5	52.8
3/18/19 5:30	56.2	8.7	(0.0)	65.0	3/18/19 18:30	18.9	5.2	3.1	27.1
3/18/19 5:45	48.3	13.0	(0.0)	61.2	3/18/19 18:45	(19.7)	(16.1)	3.5	(31.7)
3/18/19 6:00	21.0	2.4	0.0	22.7	3/18/19 19:00	44.2	(25.1)	4.8	24.1
3/18/19 6:15	32.0	(6.2)	0.0	25.9	3/18/19 19:15	56.1	(26.2)	0.8	30.7
3/18/19 6:30	84.5	(11.7)	(0.0)	72.8	3/18/19 19:30	38.6	(23.9)	0.1	15.5
3/18/19 6:45	13.1	(25.6)	(0.0)	(14.6)	3/18/19 19:45	(13.5)	10.2	(0.0)	(9.4)
3/18/19 7:00	49.4	(36.8)	0.0	17.4	3/18/19 20:00	16.3	10.8	(0.0)	24.3
3/18/19 7:15	(31.6)	(33.7)	(1.3)	(66.6)	3/18/19 20:15	(8.9)	(7.1)	(0.0)	(15.8)
3/18/19 7:30	27.3	(24.2)	(6.9)	(8.0)	3/18/19 20:30	(34.0)	(21.1)	0.0	(55.1)
3/18/19 7:45	(9.6)	3.8	(16.6)	(21.2)	3/18/19 20:45	8.7	(76.8)	(0.0)	(74.6)
3/18/19 8:00	(19.7)	21.7	(18.5)	(17.7)	3/18/19 21:00	(28.3)	(80.9)	0.0	(109.2)
3/18/19 8:15	(15.8)	33.9	(19.9)	(3.8)	3/18/19 21:15	(7.4)	(74.1)	0.0	(77.2)
3/18/19 8:30	27.2	11.0	(24.3)	13.9	3/18/19 21:30	(48.0)	(54.4)	0.0	(102.4)
3/18/19 8:45	(12.7)	(16.2)	(21.3)	(50.2)	3/18/19 21:45	(19.1)	(28.1)	(0.0)	(47.2)
3/18/19 9:00	(26.5)	(48.9)	(13.2)	(88.6)	3/18/19 22:00	(31.8)	5.4	0.0	(28.7)
3/18/19 9:15	(19.3)	(44.5)	(5.1)	(67.2)	3/18/19 22:15	(54.7)	4.2	0.0	(52.8)
3/18/19 9:30	(8.0)	(53.4)	(1.5)	(62.6)	3/18/19 22:30	(43.4)	(14.6)	(0.0)	(58.0)
3/18/19 9:45	(4.7)	(74.1)	(2.5)	(78.7)	3/18/19 22:45	(25.3)	(37.7)	(0.0)	(63.1)
3/18/19 10:00	10.2	(54.5)	(2.1)	(46.1)	3/18/19 23:00	(34.8)	(10.1)	(0.0)	(43.9)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/18/19 23:15	(32.0)	9.8	0.0	(22.2)	3/19/19 12:15	3.5	(12.8)	2.1	(11.1)
3/18/19 23:30	43.6	22.9	(0.0)	65.6	3/19/19 12:30	(4.8)	(6.4)	7.2	(6.3)
3/18/19 23:45	(23.4)	27.9	(0.0)	5.9	3/19/19 12:45	4.6	(6.9)	(6.2)	(12.7)
3/19/19 0:00	(14.5)	34.8	0.0	21.6	3/19/19 13:00	(9.4)	3.8	(6.3)	(10.1)
3/19/19 0:15	(49.9)	23.8	(0.0)	(26.1)	3/19/19 13:15	4.5	9.8	(4.1)	12.1
3/19/19 0:30	16.6	(18.8)	(0.0)	(8.5)	3/19/19 13:30	(13.0)	11.1	(12.3)	(16.5)
3/19/19 0:45	(12.1)	(23.3)	(0.0)	(35.4)	3/19/19 13:45	(7.5)	(24.7)	7.3	(23.9)
3/19/19 1:00	(31.8)	(45.2)	0.0	(76.9)	3/19/19 14:00	(18.6)	18.4	5.7	12.9
3/19/19 1:15	(12.5)	(59.1)	0.0	(71.6)	3/19/19 14:15	11.2	102.3	18.8	129.3
3/19/19 1:30	15.0	(63.0)	0.0	(51.9)	3/19/19 14:30	(7.9)	7.5	(14.8)	(23.2)
3/19/19 1:45	4.7	(50.1)	0.0	(49.3)	3/19/19 14:45	14.7	7.8	(24.2)	(9.6)
3/19/19 2:00	(21.6)	(7.6)	0.0	(27.6)	3/19/19 15:00	(10.0)	(41.6)	37.3	(14.3)
3/19/19 2:15	(12.8)	(8.4)	0.0	(12.5)	3/19/19 15:15	2.7	(9.2)	17.6	11.2
3/19/19 2:30	16.2	(19.9)	(0.0)	(8.0)	3/19/19 15:30	(4.2)	12.4	(25.3)	(18.5)
3/19/19 2:45	(7.8)	(13.8)	(0.0)	(17.3)	3/19/19 15:45	(5.2)	7.3	(10.9)	(13.5)
3/19/19 3:00	(13.2)	7.2	0.0	(7.8)	3/19/19 16:00	4.4	(11.5)	11.7	11.4
3/19/19 3:15	17.3	(12.6)	(0.0)	8.2	3/19/19 16:15	(8.1)	57.6	(14.8)	37.0
3/19/19 3:30	10.2	3.2	(0.0)	11.7	3/19/19 16:30	11.7	10.4	25.9	47.2
3/19/19 3:45	(20.8)	46.6	0.0	36.2	3/19/19 16:45	13.2	8.9	16.6	38.7
3/19/19 4:00	16.8	69.9	0.0	62.2	3/19/19 17:00	8.2	(44.6)	(26.2)	(62.5)
3/19/19 4:15	48.7	(125.3)	0.0	(76.6)	3/19/19 17:15	10.3	5.8	(18.5)	(10.2)
3/19/19 4:30	29.6	(100.1)	0.0	(70.5)	3/19/19 17:30	12.3	(24.7)	22.9	10.5
3/19/19 4:45	8.8	(30.3)	0.0	(24.9)	3/19/19 17:45	22.9	(27.9)	27.3	22.3
3/19/19 5:00	13.3	60.6	(0.0)	69.1	3/19/19 18:00	10.6	(58.3)	19.1	(29.3)
3/19/19 5:15	61.0	(28.2)	(0.0)	36.4	3/19/19 18:15	10.8	34.6	13.2	55.4
3/19/19 5:30	50.7	(76.9)	(0.0)	(31.3)	3/19/19 18:30	20.6	69.6	12.8	103.0
3/19/19 5:45	45.7	(1.7)	(0.0)	45.1	3/19/19 18:45	24.1	30.5	5.7	60.3
3/19/19 6:00	18.4	(8.8)	0.0	9.7	3/19/19 19:00	26.1	44.5	2.1	72.7
3/19/19 6:15	77.9	(34.0)	(0.0)	44.0	3/19/19 19:15	38.0	32.4	1.1	71.5
3/19/19 6:30	9.6	(4.9)	(0.0)	5.3	3/19/19 19:30	34.8	77.8	0.0	112.7
3/19/19 6:45	18.0	13.1	0.0	30.7	3/19/19 19:45	18.2	50.3	(0.0)	68.5
3/19/19 7:00	35.6	(3.8)	0.0	34.5	3/19/19 20:00	(4.6)	45.7	0.0	42.7
3/19/19 7:15	11.7	(11.7)	(0.7)	(1.9)	3/19/19 20:15	(13.1)	44.8	(0.0)	31.7
3/19/19 7:30	(25.5)	5.5	(4.1)	(24.2)	3/19/19 20:30	(10.2)	47.7	0.0	37.5
3/19/19 7:45	(11.3)	4.4	(3.6)	(12.5)	3/19/19 20:45	(20.4)	32.3	(0.0)	11.8
3/19/19 8:00	4.7	19.3	(6.3)	17.7	3/19/19 21:00	(12.0)	30.0	(0.0)	18.0
3/19/19 8:15	(15.8)	19.4	(16.1)	(17.2)	3/19/19 21:15	(17.5)	50.5	0.0	33.1
3/19/19 8:30	(21.8)	21.2	(15.6)	(18.6)	3/19/19 21:30	(35.1)	25.5	(0.0)	(9.8)
3/19/19 8:45	(20.0)	5.7	(7.1)	(23.4)	3/19/19 21:45	(29.8)	26.2	0.0	(6.1)
3/19/19 9:00	(12.9)	(10.0)	(9.9)	(28.1)	3/19/19 22:00	(34.3)	34.4	(0.0)	3.1
3/19/19 9:15	(45.0)	14.4	(12.0)	(44.5)	3/19/19 22:15	(25.0)	15.1	(0.0)	(9.9)
3/19/19 9:30	(12.8)	11.9	(3.2)	(13.0)	3/19/19 22:30	(34.9)	15.2	0.0	(19.6)
3/19/19 9:45	(15.0)	69.3	(4.1)	50.3	3/19/19 22:45	(35.8)	14.4	0.0	(21.4)
3/19/19 10:00	(14.7)	(5.3)	(2.5)	(20.3)	3/19/19 23:00	(33.2)	16.6	(0.0)	(16.5)
3/19/19 10:15	(12.8)	12.0	6.6	7.3	3/19/19 23:15	(31.2)	7.4	(0.0)	(23.8)
3/19/19 10:30	(5.7)	10.7	(9.3)	(5.8)	3/19/19 23:30	(23.8)	17.4	(0.0)	(6.6)
3/19/19 10:45	10.1	(11.9)	(3.0)	(5.2)	3/19/19 23:45	(21.3)	19.2	0.0	(2.4)
3/19/19 11:00	(14.0)	1.8	(1.7)	(15.4)	3/20/19 0:00	(20.7)	3.3	0.0	(19.1)
3/19/19 11:15	(6.8)	43.4	(0.8)	38.2	3/20/19 0:15	(11.6)	(20.5)	(0.0)	(32.1)
3/19/19 11:30	(7.4)	9.1	(1.7)	(8.3)	3/20/19 0:30	15.5	(11.5)	(0.0)	(13.0)
3/19/19 11:45	(2.0)	(12.2)	(3.7)	(16.7)	3/20/19 0:45	23.8	(22.3)	(0.0)	(13.1)
3/19/19 12:00	(4.4)	4.6	(2.7)	(4.3)	3/20/19 1:00	(9.6)	(34.4)	0.0	(43.0)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/20/19 1:15	6.4	(49.3)	(0.0)	(45.2)	3/20/19 14:15	(3.1)	37.9	(0.7)	34.1
3/20/19 1:30	(6.6)	(62.8)	0.0	(69.3)	3/20/19 14:30	(3.6)	58.3	(0.4)	54.3
3/20/19 1:45	(3.5)	(37.3)	0.0	(40.8)	3/20/19 14:45	(6.5)	45.7	(0.2)	39.0
3/20/19 2:00	(4.8)	(15.7)	(0.0)	(20.5)	3/20/19 15:00	(7.2)	30.4	(0.1)	23.0
3/20/19 2:15	(3.3)	(34.1)	0.0	(37.4)	3/20/19 15:15	(4.5)	39.9	(0.0)	35.9
3/20/19 2:30	(2.3)	(49.6)	(0.0)	(51.3)	3/20/19 15:30	(1.6)	11.4	0.0	11.8
3/20/19 2:45	2.2	(37.0)	0.0	(34.8)	3/20/19 15:45	5.0	23.9	0.4	28.7
3/20/19 3:00	8.0	(36.1)	0.0	(28.1)	3/20/19 16:00	2.1	21.3	0.4	23.5
3/20/19 3:15	22.0	(45.9)	(0.0)	(23.9)	3/20/19 16:15	3.6	14.2	0.6	18.0
3/20/19 3:30	8.6	(23.8)	(0.0)	(15.2)	3/20/19 16:30	7.5	8.5	0.8	16.7
3/20/19 3:45	5.4	(12.5)	0.0	(7.0)	3/20/19 16:45	2.0	6.6	1.2	9.4
3/20/19 4:00	9.4	(20.4)	(0.0)	(11.1)	3/20/19 17:00	9.0	18.5	1.9	28.6
3/20/19 4:15	22.8	(14.1)	(0.0)	9.0	3/20/19 17:15	4.1	22.6	5.8	31.0
3/20/19 4:30	16.4	(13.1)	(0.0)	3.3	3/20/19 17:30	22.7	26.3	13.6	62.6
3/20/19 4:45	22.2	(12.9)	0.0	9.3	3/20/19 17:45	22.5	31.4	23.9	77.9
3/20/19 5:00	36.9	(21.0)	(0.0)	15.9	3/20/19 18:00	12.6	18.1	21.7	52.4
3/20/19 5:15	34.1	(19.8)	0.0	14.3	3/20/19 18:15	4.3	28.7	21.2	52.0
3/20/19 5:30	38.5	(18.4)	(0.0)	20.1	3/20/19 18:30	16.0	32.1	21.9	70.0
3/20/19 5:45	41.5	(33.7)	0.0	7.8	3/20/19 18:45	18.4	28.0	17.1	63.6
3/20/19 6:00	3.4	(38.3)	0.0	(37.3)	3/20/19 19:00	12.3	21.0	4.1	37.1
3/20/19 6:15	39.2	(29.1)	(0.0)	12.7	3/20/19 19:15	21.6	18.4	0.7	40.6
3/20/19 6:30	48.7	(37.8)	(0.0)	10.9	3/20/19 19:30	45.3	24.7	0.1	70.1
3/20/19 6:45	38.1	(24.0)	(0.0)	14.1	3/20/19 19:45	15.8	7.1	(0.0)	22.4
3/20/19 7:00	16.9	(12.8)	(0.1)	6.0	3/20/19 20:00	(8.9)	(12.7)	0.0	(21.5)
3/20/19 7:15	(9.6)	(4.6)	(2.5)	(16.7)	3/20/19 20:15	(8.2)	(11.4)	(0.0)	(19.6)
3/20/19 7:30	(7.7)	(21.4)	(9.8)	(39.0)	3/20/19 20:30	(11.0)	(6.9)	(0.0)	(17.9)
3/20/19 7:45	(9.2)	(26.2)	(17.4)	(52.8)	3/20/19 20:45	(17.0)	2.6	(0.0)	(15.2)
3/20/19 8:00	(11.5)	2.5	(21.1)	(30.4)	3/20/19 21:00	(12.4)	17.0	0.0	5.6
3/20/19 8:15	(17.6)	16.3	(22.7)	(24.0)	3/20/19 21:15	(24.1)	21.0	0.0	(3.2)
3/20/19 8:30	(20.3)	41.2	(23.9)	(3.1)	3/20/19 21:30	(30.6)	23.0	(0.0)	(7.6)
3/20/19 8:45	(25.2)	44.4	(20.8)	(2.4)	3/20/19 21:45	(35.5)	20.8	0.0	(14.9)
3/20/19 9:00	(9.9)	13.7	(12.1)	(7.6)	3/20/19 22:00	(34.6)	26.6	(0.0)	(8.0)
3/20/19 9:15	(7.0)	(22.0)	(3.8)	(30.7)	3/20/19 22:15	(33.4)	14.5	0.0	(18.9)
3/20/19 9:30	(12.2)	(43.5)	(1.4)	(57.1)	3/20/19 22:30	(35.9)	11.2	0.0	(24.7)
3/20/19 9:45	(19.1)	65.6	(1.1)	45.5	3/20/19 22:45	(29.5)	10.7	(0.0)	(18.8)
3/20/19 10:00	(13.8)	38.2	1.6	25.9	3/20/19 23:00	(11.7)	11.6	(0.0)	14.3
3/20/19 10:15	(12.3)	30.3	(1.3)	23.1	3/20/19 23:15	10.5	10.5	(0.0)	16.4
3/20/19 10:30	(6.6)	2.2	1.2	(4.7)	3/20/19 23:30	(23.8)	4.8	(0.0)	(19.0)
3/20/19 10:45	(11.2)	2.9	15.9	10.8	3/20/19 23:45	(20.3)	(0.4)	0.0	(20.6)
3/20/19 11:00	(11.9)	4.5	39.6	34.7	3/21/19 0:00	(20.9)	0.4	(0.0)	(20.5)
3/20/19 11:15	6.1	14.5	(3.6)	15.3	3/21/19 0:15	(6.0)	(0.3)	(0.0)	(6.2)
3/20/19 11:30	(14.9)	(19.2)	(34.9)	(65.9)	3/21/19 0:30	(11.5)	1.2	(0.0)	(10.3)
3/20/19 11:45	(7.1)	31.0	18.9	35.2	3/21/19 0:45	(5.6)	1.0	(0.0)	(4.7)
3/20/19 12:00	(11.5)	25.1	(30.2)	(17.0)	3/21/19 1:00	(5.1)	(0.4)	0.0	(5.2)
3/20/19 12:15	(9.7)	(9.6)	(0.8)	(19.7)	3/21/19 1:15	(8.2)	(0.2)	(0.0)	(8.3)
3/20/19 12:30	(13.3)	29.8	0.3	17.3	3/21/19 1:30	(4.7)	2.4	0.0	(2.3)
3/20/19 12:45	(5.5)	(33.0)	6.5	(30.3)	3/21/19 1:45	(7.1)	2.6	0.0	(4.4)
3/20/19 13:00	(2.7)	(38.7)	49.5	22.4	3/21/19 2:00	(2.8)	0.9	0.0	(1.9)
3/20/19 13:15	(3.8)	14.4	(1.3)	10.3	3/21/19 2:15	3.9	(0.4)	(0.0)	3.6
3/20/19 13:30	(5.0)	15.1	(0.1)	10.2	3/21/19 2:30	1.1	(1.4)	(0.0)	(1.1)
3/20/19 13:45	(5.9)	30.1	(21.0)	15.7	3/21/19 2:45	3.5	(3.2)	(0.0)	0.9
3/20/19 14:00	(10.3)	29.2	(32.0)	(20.1)	3/21/19 3:00	3.2	(3.9)	0.0	(0.9)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/21/19 3:15	3.4	(9.6)	(0.0)	(6.2)	3/21/19 16:15	20.8	12.3	13.3	40.8
3/21/19 3:30	7.2	(14.0)	0.0	(6.8)	3/21/19 16:30	8.7	17.2	21.9	47.8
3/21/19 3:45	9.6	(16.6)	0.0	(7.3)	3/21/19 16:45	(16.2)	(43.2)	7.2	(50.0)
3/21/19 4:00	12.2	(17.3)	(0.0)	(5.1)	3/21/19 17:00	13.4	(42.1)	4.4	(27.6)
3/21/19 4:15	21.3	(31.1)	0.0	(9.8)	3/21/19 17:15	14.1	15.4	6.2	33.1
3/21/19 4:30	15.8	(32.3)	0.0	(16.5)	3/21/19 17:30	(21.9)	11.2	7.6	(17.7)
3/21/19 4:45	20.8	(31.3)	(0.0)	(10.5)	3/21/19 17:45	33.8	(9.4)	9.7	38.5
3/21/19 5:00	11.7	(25.7)	(0.0)	(19.9)	3/21/19 18:00	9.7	17.0	10.3	36.2
3/21/19 5:15	13.3	(25.2)	(0.0)	(23.4)	3/21/19 18:15	(32.1)	13.7	15.0	(10.9)
3/21/19 5:30	36.2	(32.2)	0.0	5.8	3/21/19 18:30	14.0	(6.8)	10.4	10.5
3/21/19 5:45	41.5	(49.6)	0.0	(8.2)	3/21/19 18:45	10.8	(24.9)	4.2	(10.0)
3/21/19 6:00	50.7	(28.5)	0.0	22.2	3/21/19 19:00	10.6	(31.7)	1.9	(26.3)
3/21/19 6:15	43.5	(19.3)	(0.0)	24.9	3/21/19 19:15	39.9	(33.2)	0.7	17.8
3/21/19 6:30	58.1	75.2	(0.0)	133.3	3/21/19 19:30	62.7	(44.4)	0.0	18.3
3/21/19 6:45	46.8	52.0	(0.0)	93.0	3/21/19 19:45	13.8	(28.3)	(0.0)	(23.6)
3/21/19 7:00	(13.2)	6.7	(0.2)	(9.1)	3/21/19 20:00	(15.6)	4.6	0.0	(15.2)
3/21/19 7:15	42.8	(2.8)	(2.3)	38.3	3/21/19 20:15	11.4	10.0	0.0	17.9
3/21/19 7:30	(39.1)	(4.1)	(6.0)	(48.2)	3/21/19 20:30	(11.0)	7.5	0.0	(4.9)
3/21/19 7:45	17.1	(7.2)	(14.6)	(24.2)	3/21/19 20:45	(40.3)	(5.0)	0.0	(45.4)
3/21/19 8:00	35.0	(7.8)	(16.2)	(33.2)	3/21/19 21:00	(26.6)	(11.0)	(0.0)	(37.0)
3/21/19 8:15	(27.8)	(0.6)	(7.2)	(32.8)	3/21/19 21:15	(5.2)	(29.4)	(0.0)	(32.8)
3/21/19 8:30	(7.6)	1.1	(6.5)	(12.3)	3/21/19 21:30	(29.0)	(27.1)	(0.0)	(56.1)
3/21/19 8:45	(10.2)	13.8	(5.7)	(6.0)	3/21/19 21:45	(23.5)	(16.0)	(0.0)	(38.5)
3/21/19 9:00	(40.4)	11.6	(9.1)	(37.9)	3/21/19 22:00	(79.7)	55.6	0.0	(36.1)
3/21/19 9:15	25.6	7.0	(5.9)	26.7	3/21/19 22:15	(32.8)	38.4	0.0	20.1
3/21/19 9:30	6.6	(6.6)	(12.3)	(15.9)	3/21/19 22:30	(7.6)	14.0	(0.0)	7.2
3/21/19 9:45	(19.2)	(18.2)	5.2	(32.7)	3/21/19 22:45	(32.9)	36.4	(0.0)	5.5
3/21/19 10:00	(18.6)	(26.1)	(7.7)	(43.0)	3/21/19 23:00	(42.3)	49.0	(0.0)	6.7
3/21/19 10:15	11.5	(39.4)	(5.0)	(33.1)	3/21/19 23:15	(35.5)	73.3	(0.0)	37.8
3/21/19 10:30	(4.7)	(42.9)	(1.3)	(48.7)	3/21/19 23:30	(15.2)	33.6	(0.0)	20.3
3/21/19 10:45	(33.4)	(36.5)	16.3	(53.7)	3/21/19 23:45	(9.1)	29.9	0.0	25.6
3/21/19 11:00	23.8	(45.9)	(12.6)	(33.9)	3/22/19 0:00	(19.8)	19.4	(0.0)	(8.4)
3/21/19 11:15	10.8	(35.6)	27.3	6.9	3/22/19 0:15	(26.8)	4.1	(0.0)	(23.5)
3/21/19 11:30	(31.5)	(21.6)	(9.9)	(62.0)	3/22/19 0:30	43.5	(28.6)	0.0	14.9
3/21/19 11:45	16.2	(7.8)	(5.8)	(10.8)	3/22/19 0:45	8.2	(17.5)	(0.0)	(18.1)
3/21/19 12:00	1.2	(14.7)	(8.8)	(23.0)	3/22/19 1:00	(27.8)	8.6	0.0	(23.7)
3/21/19 12:15	(25.1)	(24.8)	14.6	(35.1)	3/22/19 1:15	14.5	17.3	(0.0)	31.0
3/21/19 12:30	(32.4)	(26.0)	6.0	(49.7)	3/22/19 1:30	6.9	33.0	0.0	39.3
3/21/19 12:45	23.4	(25.9)	(25.9)	(29.0)	3/22/19 1:45	(28.3)	19.4	0.0	(12.5)
3/21/19 13:00	(2.7)	(28.0)	(20.1)	(50.1)	3/22/19 2:00	11.7	31.5	0.0	42.5
3/21/19 13:15	(32.1)	(25.8)	15.5	(42.4)	3/22/19 2:15	(15.4)	15.9	0.0	10.3
3/21/19 13:30	20.0	(92.0)	12.1	(62.1)	3/22/19 2:30	12.8	45.8	0.0	58.6
3/21/19 13:45	5.6	(133.9)	(6.7)	(137.4)	3/22/19 2:45	(20.3)	22.7	0.0	(8.4)
3/21/19 14:00	11.9	(21.9)	14.9	6.7	3/22/19 3:00	10.4	(9.6)	0.1	5.7
3/21/19 14:15	14.0	(15.4)	(22.7)	(32.8)	3/22/19 3:15	13.4	20.3	0.0	33.7
3/21/19 14:30	22.2	(26.5)	(9.3)	(10.8)	3/22/19 3:30	(20.3)	4.3	0.0	(18.2)
3/21/19 14:45	20.8	11.0	13.7	42.1	3/22/19 3:45	22.0	(17.1)	(0.0)	10.0
3/21/19 15:00	(38.0)	(9.5)	6.2	(43.3)	3/22/19 4:00	11.3	(60.2)	0.0	(48.9)
3/21/19 15:15	14.6	8.4	(8.4)	(18.3)	3/22/19 4:15	(11.5)	(36.6)	(0.0)	(40.2)
3/21/19 15:30	15.2	(32.4)	12.8	(16.9)	3/22/19 4:30	27.4	(17.9)	0.0	14.9
3/21/19 15:45	3.0	(7.9)	(25.8)	(32.1)	3/22/19 4:45	24.4	(3.0)	(0.0)	21.3
3/21/19 16:00	(19.8)	(11.0)	(9.1)	(33.1)	3/22/19 5:00	18.6	4.8	(0.0)	23.4

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/22/19 5:15	39.7	20.5	0.0	60.0	3/22/19 18:15	12.1	94.2	5.0	102.9
3/22/19 5:30	36.9	(7.5)	0.0	29.4	3/22/19 18:30	5.5	104.2	4.4	114.2
3/22/19 5:45	34.0	(12.6)	0.0	21.6	3/22/19 18:45	(21.1)	21.7	2.0	8.2
3/22/19 6:00	33.9	7.2	(0.0)	40.1	3/22/19 19:00	41.4	16.2	1.9	57.9
3/22/19 6:15	39.1	30.7	(0.0)	65.8	3/22/19 19:15	14.4	(26.5)	0.5	(12.4)
3/22/19 6:30	13.9	18.2	(0.0)	20.7	3/22/19 19:30	(15.9)	(83.9)	(0.0)	(93.5)
3/22/19 6:45	19.4	(19.1)	(0.0)	15.3	3/22/19 19:45	(15.5)	(14.2)	(0.0)	(29.6)
3/22/19 7:00	43.6	15.3	0.0	57.4	3/22/19 20:00	24.0	11.1	(0.0)	33.5
3/22/19 7:15	2.7	122.8	(1.5)	123.3	3/22/19 20:15	9.5	(36.5)	0.0	(27.0)
3/22/19 7:30	(16.9)	76.5	(5.3)	55.0	3/22/19 20:30	(28.1)	15.5	0.0	(14.7)
3/22/19 7:45	16.8	24.0	(1.2)	35.4	3/22/19 20:45	(31.8)	9.4	(0.0)	(22.5)
3/22/19 8:00	24.0	(28.6)	(5.1)	(12.5)	3/22/19 21:00	(19.0)	(13.0)	0.0	(32.1)
3/22/19 8:15	16.3	9.9	(12.7)	19.5	3/22/19 21:15	14.1	(11.5)	0.0	7.0
3/22/19 8:30	(16.1)	(44.4)	(22.6)	(80.6)	3/22/19 21:30	(16.3)	(55.5)	(0.0)	(70.6)
3/22/19 8:45	10.2	(16.0)	(24.1)	(29.9)	3/22/19 21:45	(23.3)	(144.9)	0.0	(168.2)
3/22/19 9:00	7.2	3.7	(15.5)	(11.4)	3/22/19 22:00	(50.0)	(125.6)	(0.0)	(175.6)
3/22/19 9:15	(22.1)	35.3	10.5	21.4	3/22/19 22:15	(20.0)	(28.3)	0.0	(40.4)
3/22/19 9:30	7.0	70.9	(20.2)	57.7	3/22/19 22:30	(16.9)	34.8	(0.0)	22.1
3/22/19 9:45	(9.4)	27.8	3.5	31.0	3/22/19 22:45	(26.8)	5.0	0.0	(21.8)
3/22/19 10:00	(42.0)	(24.8)	21.6	(45.2)	3/22/19 23:00	(55.8)	(3.6)	(0.0)	(56.6)
3/22/19 10:15	(6.8)	(97.3)	(11.2)	(108.8)	3/22/19 23:15	10.2	20.6	(0.0)	23.5
3/22/19 10:30	(8.4)	(44.8)	10.8	(46.2)	3/22/19 23:30	(26.0)	19.6	(0.0)	(6.4)
3/22/19 10:45	(6.5)	(74.6)	(31.5)	(112.6)	3/22/19 23:45	(34.6)	(8.9)	0.0	(39.7)
3/22/19 11:00	(25.5)	(49.0)	4.6	(64.2)	3/23/19 0:00	(7.3)	(39.7)	(0.0)	(45.1)
3/22/19 11:15	16.1	30.3	16.3	54.6	3/23/19 0:15	(12.6)	(50.2)	0.0	(62.8)
3/22/19 11:30	(3.2)	22.0	(11.8)	15.5	3/23/19 0:30	(16.9)	(16.9)	(0.0)	(33.8)
3/22/19 11:45	(36.8)	9.4	3.9	(29.3)	3/23/19 0:45	29.2	(10.4)	(0.0)	22.8
3/22/19 12:00	(22.7)	(16.4)	9.5	(23.6)	3/23/19 1:00	(11.6)	(42.1)	0.0	(48.7)
3/22/19 12:15	(6.0)	(64.8)	(8.3)	(76.2)	3/23/19 1:15	(6.1)	36.1	0.0	31.6
3/22/19 12:30	(15.2)	(25.5)	40.6	11.5	3/23/19 1:30	(27.4)	28.4	0.0	(10.2)
3/22/19 12:45	12.1	11.9	9.6	17.5	3/23/19 1:45	9.4	28.5	0.0	30.9
3/22/19 13:00	13.4	(37.1)	(15.7)	(39.4)	3/23/19 2:00	(3.6)	(18.4)	(0.0)	(21.3)
3/22/19 13:15	(7.3)	35.4	2.4	29.4	3/23/19 2:15	(37.0)	(11.4)	(0.0)	(48.4)
3/22/19 13:30	(35.4)	(17.2)	6.9	(37.7)	3/23/19 2:30	(4.6)	48.0	(0.0)	47.0
3/22/19 13:45	75.9	(10.2)	11.0	77.0	3/23/19 2:45	(3.0)	8.8	0.0	8.8
3/22/19 14:00	8.5	(44.3)	4.1	(37.1)	3/23/19 3:00	(1.4)	16.2	0.0	16.0
3/22/19 14:15	(22.0)	6.6	5.0	(17.2)	3/23/19 3:15	(6.2)	8.5	0.0	5.6
3/22/19 14:30	(11.8)	(13.8)	4.9	(19.7)	3/23/19 3:30	37.6	3.6	0.0	41.2
3/22/19 14:45	46.6	(48.2)	5.0	10.3	3/23/19 3:45	3.9	24.0	(0.0)	27.5
3/22/19 15:00	23.1	(66.5)	3.0	(40.4)	3/23/19 4:00	8.9	42.1	0.0	45.2
3/22/19 15:15	(12.0)	(24.3)	(2.1)	(29.9)	3/23/19 4:15	12.7	10.3	(0.0)	18.7
3/22/19 15:30	28.9	(3.6)	(3.8)	22.8	3/23/19 4:30	12.3	15.0	(0.0)	27.3
3/22/19 15:45	18.6	(17.3)	(31.3)	(30.7)	3/23/19 4:45	20.1	17.5	0.0	37.6
3/22/19 16:00	(8.0)	8.5	(2.3)	4.7	3/23/19 5:00	(14.6)	9.5	0.0	9.5
3/22/19 16:15	(13.0)	20.2	32.9	47.8	3/23/19 5:15	29.9	8.0	(0.0)	37.9
3/22/19 16:30	15.8	10.3	22.4	41.1	3/23/19 5:30	14.2	(12.5)	(0.0)	2.7
3/22/19 16:45	(31.2)	25.1	(2.3)	(25.5)	3/23/19 5:45	(16.8)	(10.1)	0.0	(22.4)
3/22/19 17:00	(38.6)	(9.3)	10.4	(40.8)	3/23/19 6:00	(11.2)	(6.8)	0.0	(12.8)
3/22/19 17:15	18.9	34.9	1.5	53.8	3/23/19 6:15	9.2	17.4	(0.0)	26.7
3/22/19 17:30	20.3	93.3	(11.8)	101.8	3/23/19 6:30	22.9	14.4	(0.0)	37.3
3/22/19 17:45	(10.2)	117.7	(8.0)	106.6	3/23/19 6:45	10.1	4.5	0.0	11.8
3/22/19 18:00	(15.1)	180.3	10.6	185.0	3/23/19 7:00	23.2	14.3	0.0	37.5

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/23/19 7:15	25.9	14.9	(1.2)	39.6	3/23/19 20:15	6.4	3.0	0.0	9.0
3/23/19 7:30	13.7	(1.6)	(3.5)	9.6	3/23/19 20:30	(22.9)	13.1	(0.0)	(16.0)
3/23/19 7:45	(12.8)	5.5	(10.2)	(14.3)	3/23/19 20:45	(26.9)	9.8	(0.0)	(20.7)
3/23/19 8:00	35.0	15.3	(13.3)	37.0	3/23/19 21:00	9.4	(6.9)	(0.0)	(12.5)
3/23/19 8:15	16.2	12.1	(12.2)	16.2	3/23/19 21:15	(5.3)	(28.0)	(0.0)	(32.0)
3/23/19 8:30	(26.3)	11.8	(10.8)	(25.2)	3/23/19 21:30	(48.1)	5.6	0.0	(46.0)
3/23/19 8:45	5.7	8.4	(15.5)	(4.2)	3/23/19 21:45	(11.3)	22.8	0.0	15.1
3/23/19 9:00	9.7	(3.8)	(8.6)	5.7	3/23/19 22:00	(10.6)	19.3	0.0	14.0
3/23/19 9:15	4.8	(2.3)	6.7	12.7	3/23/19 22:15	(17.2)	55.5	0.0	38.3
3/23/19 9:30	7.1	(22.0)	(2.5)	(19.5)	3/23/19 22:30	(70.9)	45.5	0.0	(25.4)
3/23/19 9:45	29.1	(26.2)	(3.0)	(3.7)	3/23/19 22:45	10.2	50.4	(0.0)	59.6
3/23/19 10:00	(2.2)	(6.2)	(7.1)	(14.8)	3/23/19 23:00	(20.0)	50.9	(0.0)	31.2
3/23/19 10:15	(14.9)	16.5	(3.3)	(3.8)	3/23/19 23:15	(26.8)	24.0	0.0	(10.9)
3/23/19 10:30	(47.4)	29.0	1.3	(18.7)	3/23/19 23:30	(39.8)	24.9	0.0	(20.0)
3/23/19 10:45	15.8	6.1	(3.2)	15.6	3/23/19 23:45	6.8	28.1	(0.0)	30.1
3/23/19 11:00	6.7	3.3	1.9	8.9	3/24/19 0:00	(24.7)	(3.4)	(0.0)	(25.3)
3/23/19 11:15	(31.7)	15.0	1.9	(15.0)	3/24/19 0:15	(60.1)	25.1	0.0	(40.4)
3/23/19 11:30	(36.4)	16.1	(4.8)	(24.7)	3/24/19 0:30	10.6	23.9	(0.0)	29.4
3/23/19 11:45	(25.6)	3.7	(13.4)	(37.9)	3/24/19 0:45	(3.4)	27.2	(0.0)	25.1
3/23/19 12:00	(12.2)	34.2	(14.5)	8.8	3/24/19 1:00	(29.9)	61.1	0.0	31.3
3/23/19 12:15	(16.3)	20.6	7.0	11.7	3/24/19 1:15	32.1	63.6	0.0	93.7
3/23/19 12:30	15.4	10.1	23.8	43.9	3/24/19 1:30	(47.8)	13.3	0.0	(37.1)
3/23/19 12:45	14.7	(41.3)	(5.4)	(31.3)	3/24/19 1:45	21.0	(21.0)	0.0	8.0
3/23/19 13:00	(22.1)	(40.4)	6.1	(56.3)	3/24/19 2:00	(21.2)	2.7	0.0	(21.1)
3/23/19 13:15	6.8	(54.2)	(7.9)	(55.6)	3/24/19 2:15	23.1	3.7	(0.0)	25.6
3/23/19 13:30	6.0	(43.4)	3.8	(41.5)	3/24/19 2:30	3.6	5.6	(0.0)	7.3
3/23/19 13:45	(25.3)	(35.4)	1.7	(59.1)	3/24/19 2:45	(23.9)	11.9	0.0	(15.1)
3/23/19 14:00	(10.6)	(44.6)	(10.6)	(53.5)	3/24/19 3:00	19.8	3.3	(0.0)	20.5
3/23/19 14:15	(9.0)	46.9	(21.9)	24.2	3/24/19 3:15	(3.5)	2.1	0.0	(2.7)
3/23/19 14:30	(7.3)	(18.9)	(4.6)	(28.9)	3/24/19 3:30	(26.6)	12.4	(0.0)	(18.5)
3/23/19 14:45	(18.3)	(8.4)	16.5	(10.9)	3/24/19 3:45	26.0	17.4	0.0	42.1
3/23/19 15:00	16.1	(1.9)	11.1	24.4	3/24/19 4:00	15.0	24.9	0.0	39.9
3/23/19 15:15	10.9	(13.0)	18.6	18.4	3/24/19 4:15	(27.2)	8.3	0.0	(24.4)
3/23/19 15:30	(23.1)	(5.8)	6.1	(28.1)	3/24/19 4:30	10.6	22.5	(0.0)	31.4
3/23/19 15:45	20.5	(7.1)	14.1	27.4	3/24/19 4:45	27.8	15.3	(0.0)	43.1
3/23/19 16:00	6.8	(8.1)	17.2	15.9	3/24/19 5:00	11.1	11.4	0.0	16.4
3/23/19 16:15	(10.2)	(3.4)	(26.1)	(34.9)	3/24/19 5:15	18.8	22.8	(0.0)	38.2
3/23/19 16:30	32.2	(5.3)	2.0	28.4	3/24/19 5:30	14.0	19.9	(0.0)	33.4
3/23/19 16:45	11.2	(1.9)	(5.1)	8.2	3/24/19 5:45	(39.7)	6.4	0.0	(33.3)
3/23/19 17:00	(12.9)	14.8	7.2	25.5	3/24/19 6:00	19.9	10.7	(0.0)	26.0
3/23/19 17:15	(19.9)	(20.2)	(3.5)	(28.6)	3/24/19 6:15	27.8	5.7	0.0	33.5
3/23/19 17:30	30.8	(31.4)	17.2	13.9	3/24/19 6:30	19.9	1.8	(0.0)	21.5
3/23/19 17:45	22.7	(39.9)	27.3	21.8	3/24/19 6:45	(10.8)	(4.4)	(0.0)	(12.1)
3/23/19 18:00	11.1	(17.4)	(9.9)	(21.4)	3/24/19 7:00	17.0	(6.8)	(0.6)	13.3
3/23/19 18:15	26.4	(4.6)	15.3	38.3	3/24/19 7:15	(5.0)	(10.9)	(3.6)	(16.1)
3/23/19 18:30	16.9	13.8	14.7	45.3	3/24/19 7:30	(21.2)	(10.5)	(10.5)	(40.1)
3/23/19 18:45	(19.3)	8.3	3.6	(12.6)	3/24/19 7:45	12.7	3.6	(18.6)	(11.3)
3/23/19 19:00	30.9	5.5	5.2	41.6	3/24/19 8:00	19.1	7.9	(26.3)	5.7
3/23/19 19:15	18.7	13.8	2.7	32.8	3/24/19 8:15	(20.9)	12.1	(17.8)	(24.4)
3/23/19 19:30	53.7	22.2	0.1	76.1	3/24/19 8:30	14.0	11.2	(12.3)	14.4
3/23/19 19:45	(15.8)	41.0	(0.0)	25.3	3/24/19 8:45	2.7	5.5	(20.1)	(15.0)
3/23/19 20:00	26.5	24.2	0.0	50.7	3/24/19 9:00	(9.6)	10.1	(17.6)	(14.7)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/24/19 9:15	20.2	7.6	(3.2)	23.5	3/24/19 22:15	(43.4)	18.8	0.0	(24.8)
3/24/19 9:30	56.5	8.5	1.0	65.2	3/24/19 22:30	(18.3)	(26.7)	(0.0)	(45.0)
3/24/19 9:45	(9.9)	5.5	6.3	3.8	3/24/19 22:45	(29.8)	(36.6)	0.0	(66.4)
3/24/19 10:00	(38.2)	3.7	(8.6)	(38.6)	3/24/19 23:00	(43.5)	(19.1)	(0.0)	(62.7)
3/24/19 10:15	30.2	4.3	(3.1)	30.7	3/24/19 23:15	15.5	(23.5)	(0.0)	(8.5)
3/24/19 10:30	(11.9)	1.1	2.4	(9.4)	3/24/19 23:30	(23.6)	(19.2)	(0.0)	(42.7)
3/24/19 10:45	(26.1)	(2.3)	3.6	(26.4)	3/24/19 23:45	(32.3)	(24.3)	0.0	(56.6)
3/24/19 11:00	19.0	1.6	(4.3)	19.9	3/25/19 0:00	(39.0)	(10.7)	(0.0)	(47.7)
3/24/19 11:15	7.7	2.8	6.2	15.7	3/25/19 0:15	(13.5)	28.6	(0.0)	15.9
3/24/19 11:30	(14.5)	(4.8)	11.9	(13.4)	3/25/19 0:30	(11.0)	15.8	(0.0)	7.5
3/24/19 11:45	(19.8)	(4.0)	2.0	(22.3)	3/25/19 0:45	23.1	(7.0)	(0.0)	18.5
3/24/19 12:00	15.8	(1.0)	(10.9)	7.3	3/25/19 1:00	46.1	(6.7)	0.0	39.4
3/24/19 12:15	12.2	(1.9)	(7.0)	7.0	3/25/19 1:15	(4.9)	(19.6)	0.0	(23.2)
3/24/19 12:30	(28.2)	(3.2)	(2.2)	(32.8)	3/25/19 1:30	8.4	(4.2)	0.0	5.9
3/24/19 12:45	16.4	(5.6)	6.4	17.2	3/25/19 1:45	(18.8)	18.9	0.0	7.4
3/24/19 13:00	15.7	2.2	22.0	39.7	3/25/19 2:00	12.0	14.5	(0.0)	24.0
3/24/19 13:15	(32.7)	1.4	10.3	(26.7)	3/25/19 2:15	7.0	6.5	(0.0)	13.0
3/24/19 13:30	18.9	(2.3)	13.7	30.1	3/25/19 2:30	(15.9)	(5.9)	(0.0)	(21.2)
3/24/19 13:45	10.1	1.0	28.4	39.1	3/25/19 2:45	15.5	14.0	0.0	27.7
3/24/19 14:00	(63.3)	(2.1)	13.6	(52.8)	3/25/19 3:00	7.3	19.2	(0.0)	26.5
3/24/19 14:15	24.0	1.1	(13.4)	14.6	3/25/19 3:15	(22.0)	10.5	0.0	(17.4)
3/24/19 14:30	18.7	0.8	(48.7)	(29.3)	3/25/19 3:30	27.3	9.8	0.0	37.1
3/24/19 14:45	(15.2)	(3.7)	(10.2)	(24.3)	3/25/19 3:45	17.3	(2.3)	(0.0)	16.5
3/24/19 15:00	15.4	(3.9)	16.8	30.0	3/25/19 4:00	10.8	(18.9)	(0.0)	(18.5)
3/24/19 15:15	3.9	(4.0)	23.3	23.1	3/25/19 4:15	25.4	(4.9)	0.0	21.7
3/24/19 15:30	(21.0)	(5.5)	(2.4)	(26.2)	3/25/19 4:30	13.7	15.6	0.0	29.3
3/24/19 15:45	24.6	(6.8)	(12.6)	(20.9)	3/25/19 4:45	14.6	13.5	0.0	26.3
3/24/19 16:00	34.6	(2.0)	(29.6)	6.4	3/25/19 5:00	38.4	2.6	0.0	39.7
3/24/19 16:15	17.9	(3.2)	23.4	34.9	3/25/19 5:15	(32.0)	6.2	(0.0)	(29.4)
3/24/19 16:30	32.0	(12.3)	17.6	34.7	3/25/19 5:30	26.7	(9.8)	(0.0)	18.2
3/24/19 16:45	47.1	(15.9)	5.7	36.9	3/25/19 5:45	57.3	(11.9)	(0.0)	45.5
3/24/19 17:00	48.3	8.3	(4.1)	52.4	3/25/19 6:00	45.1	(2.2)	(0.0)	42.9
3/24/19 17:15	23.3	6.1	4.3	33.6	3/25/19 6:15	33.4	(12.3)	0.0	21.1
3/24/19 17:30	(8.7)	(1.1)	33.0	31.9	3/25/19 6:30	54.0	2.0	(0.0)	54.0
3/24/19 17:45	40.4	(8.0)	19.5	52.7	3/25/19 6:45	41.2	14.7	(0.0)	55.9
3/24/19 18:00	14.3	(42.0)	(15.0)	(43.2)	3/25/19 7:00	9.1	21.6	(0.2)	30.1
3/24/19 18:15	(40.7)	(36.2)	(13.5)	(90.4)	3/25/19 7:15	23.3	28.6	(2.8)	47.0
3/24/19 18:30	16.3	7.6	18.5	41.3	3/25/19 7:30	12.6	5.2	(6.2)	11.5
3/24/19 18:45	6.3	(13.0)	19.3	12.0	3/25/19 7:45	(22.6)	(1.7)	(8.6)	(31.7)
3/24/19 19:00	(24.2)	(26.5)	6.1	(44.0)	3/25/19 8:00	18.7	(1.3)	(9.1)	13.3
3/24/19 19:15	29.8	(4.8)	1.6	30.1	3/25/19 8:15	5.7	(10.0)	(12.2)	(19.7)
3/24/19 19:30	54.1	(53.4)	0.1	6.9	3/25/19 8:30	(22.1)	(22.5)	(10.3)	(54.8)
3/24/19 19:45	11.5	(26.2)	0.0	(25.8)	3/25/19 8:45	7.4	(35.0)	(9.6)	(43.7)
3/24/19 20:00	7.2	(3.0)	(0.0)	7.1	3/25/19 9:00	(3.7)	(24.7)	(6.7)	(33.7)
3/24/19 20:15	(10.6)	24.5	0.0	17.4	3/25/19 9:15	(27.6)	(15.0)	(9.6)	(51.1)
3/24/19 20:30	(27.5)	51.3	0.0	30.8	3/25/19 9:30	(20.0)	(16.2)	(8.0)	(44.1)
3/24/19 20:45	(29.9)	(7.9)	(0.0)	(28.1)	3/25/19 9:45	12.3	(15.8)	(16.7)	(23.0)
3/24/19 21:00	(11.4)	13.8	(0.0)	6.4	3/25/19 10:00	16.4	(32.6)	(15.5)	(37.2)
3/24/19 21:15	(18.9)	34.0	(0.0)	15.1	3/25/19 10:15	(1.3)	(20.4)	(4.3)	(25.8)
3/24/19 21:30	(42.6)	19.7	(0.0)	(22.9)	3/25/19 10:30	(26.7)	(8.0)	(2.8)	(37.5)
3/24/19 21:45	(16.3)	2.9	0.0	(13.4)	3/25/19 10:45	15.1	(19.8)	(2.6)	(18.9)
3/24/19 22:00	(27.6)	40.8	(0.0)	13.3	3/25/19 11:00	(15.2)	(15.4)	(3.1)	(31.0)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/25/19 11:15	(31.4)	(8.2)	(3.0)	(41.9)	3/26/19 0:15	(17.2)	(20.4)	(0.0)	(37.5)
3/25/19 11:30	(11.6)	(14.9)	(0.8)	(20.0)	3/26/19 0:30	21.1	(21.5)	(0.0)	(22.6)
3/25/19 11:45	(20.5)	(27.9)	0.3	(47.4)	3/26/19 0:45	30.8	(26.8)	0.0	13.0
3/25/19 12:00	(11.5)	(39.6)	0.2	(51.0)	3/26/19 1:00	(17.0)	(7.1)	(0.0)	(21.4)
3/25/19 12:15	(13.7)	(46.0)	(0.2)	(60.0)	3/26/19 1:15	9.1	(19.3)	0.0	(16.0)
3/25/19 12:30	(5.7)	(31.3)	0.3	(35.2)	3/26/19 1:30	2.1	(36.8)	0.0	(35.6)
3/25/19 12:45	10.1	(29.0)	(0.1)	(24.2)	3/26/19 1:45	(12.3)	(43.7)	(0.0)	(53.9)
3/25/19 13:00	45.6	(23.7)	0.3	24.8	3/26/19 2:00	(14.9)	(42.1)	(0.0)	(47.9)
3/25/19 13:15	(26.6)	4.3	0.1	(23.8)	3/26/19 2:15	11.7	(34.3)	0.0	(23.9)
3/25/19 13:30	(10.9)	12.4	0.3	7.0	3/26/19 2:30	(13.4)	13.2	0.0	(12.4)
3/25/19 13:45	(4.5)	13.1	0.1	10.6	3/26/19 2:45	(14.1)	(33.0)	0.0	(41.7)
3/25/19 14:00	10.5	13.8	(0.6)	23.5	3/26/19 3:00	14.6	(29.8)	(0.0)	(28.9)
3/25/19 14:15	33.4	17.6	7.4	56.7	3/26/19 3:15	22.3	(30.1)	0.0	(17.8)
3/25/19 14:30	(1.4)	11.7	(5.8)	6.9	3/26/19 3:30	12.6	(3.6)	(0.0)	(13.0)
3/25/19 14:45	(23.2)	(2.5)	7.1	(20.6)	3/26/19 3:45	(18.0)	(14.9)	0.0	(32.9)
3/25/19 15:00	(18.1)	(17.7)	(9.0)	(36.7)	3/26/19 4:00	8.3	(8.8)	(0.0)	(7.6)
3/25/19 15:15	15.5	12.2	0.4	28.0	3/26/19 4:15	26.8	10.9	(0.0)	37.8
3/25/19 15:30	(6.2)	(9.9)	(0.4)	(14.6)	3/26/19 4:30	17.3	16.2	0.0	33.5
3/25/19 15:45	(21.4)	(15.7)	(0.3)	(36.6)	3/26/19 4:45	19.8	20.1	0.0	39.9
3/25/19 16:00	23.2	(4.1)	0.9	20.0	3/26/19 5:00	27.9	21.0	0.0	48.8
3/25/19 16:15	(5.1)	(17.3)	0.7	(18.6)	3/26/19 5:15	26.5	17.8	(0.0)	44.3
3/25/19 16:30	(8.9)	(17.7)	1.0	(21.7)	3/26/19 5:30	36.1	15.4	(0.0)	51.4
3/25/19 16:45	(5.9)	(22.6)	1.8	(24.6)	3/26/19 5:45	27.6	5.7	0.0	32.8
3/25/19 17:00	(27.3)	(16.3)	2.6	(39.3)	3/26/19 6:00	(14.3)	(10.4)	0.0	(20.5)
3/25/19 17:15	11.0	(15.5)	6.8	(8.2)	3/26/19 6:15	50.2	(4.2)	(0.0)	46.9
3/25/19 17:30	27.1	9.8	11.8	43.5	3/26/19 6:30	37.1	3.1	0.0	39.4
3/25/19 17:45	31.8	36.9	25.0	93.7	3/26/19 6:45	20.9	2.6	0.0	23.4
3/25/19 18:00	16.0	45.6	17.6	74.0	3/26/19 7:00	25.9	(3.4)	(0.6)	22.6
3/25/19 18:15	(37.7)	18.8	20.1	11.0	3/26/19 7:15	6.7	(14.5)	(3.2)	(14.7)
3/25/19 18:30	30.3	23.8	18.5	72.6	3/26/19 7:30	(2.7)	(25.3)	(12.2)	(40.0)
3/25/19 18:45	13.9	55.6	15.0	83.9	3/26/19 7:45	8.5	(24.3)	(19.1)	(34.8)
3/25/19 19:00	(13.2)	43.8	7.7	39.7	3/26/19 8:00	(9.5)	(10.8)	(13.9)	(34.0)
3/25/19 19:15	26.5	29.9	2.5	55.3	3/26/19 8:15	(8.7)	21.5	(15.3)	(4.9)
3/25/19 19:30	46.6	(11.7)	0.1	36.4	3/26/19 8:30	(11.9)	26.5	(10.8)	4.2
3/25/19 19:45	15.7	(17.6)	0.0	(14.4)	3/26/19 8:45	(4.7)	18.1	(23.9)	(11.5)
3/25/19 20:00	22.1	30.7	0.0	52.0	3/26/19 9:00	(7.1)	17.5	(21.0)	(10.0)
3/25/19 20:15	(13.2)	42.4	(0.0)	30.7	3/26/19 9:15	(13.1)	10.6	2.3	(1.1)
3/25/19 20:30	(26.2)	15.3	(0.0)	(17.0)	3/26/19 9:30	(4.2)	9.9	(10.9)	(6.8)
3/25/19 20:45	(34.8)	20.4	(0.0)	(22.1)	3/26/19 9:45	(2.5)	(9.0)	3.0	(8.4)
3/25/19 21:00	(9.7)	25.2	0.0	23.7	3/26/19 10:00	11.0	23.2	(3.1)	30.9
3/25/19 21:15	(34.6)	8.3	0.0	(26.3)	3/26/19 10:15	6.9	44.3	(4.1)	47.0
3/25/19 21:30	(32.8)	5.5	(0.0)	(29.1)	3/26/19 10:30	5.9	26.8	1.9	30.1
3/25/19 21:45	(18.8)	19.3	0.0	2.5	3/26/19 10:45	(12.7)	(16.9)	(1.5)	(30.6)
3/25/19 22:00	(44.1)	(7.6)	0.0	(48.0)	3/26/19 11:00	(13.6)	(20.7)	3.8	(30.4)
3/25/19 22:15	(32.9)	(10.0)	(0.0)	(42.2)	3/26/19 11:15	2.0	(4.3)	1.8	(4.2)
3/25/19 22:30	(35.6)	(19.8)	(0.0)	(55.0)	3/26/19 11:30	(15.8)	18.0	0.9	3.4
3/25/19 22:45	(38.3)	(23.8)	(0.0)	(62.1)	3/26/19 11:45	(2.6)	21.5	(3.8)	15.7
3/25/19 23:00	(29.1)	(19.5)	0.0	(46.4)	3/26/19 12:00	(8.0)	24.8	1.3	17.3
3/25/19 23:15	(10.5)	(15.9)	0.0	(22.5)	3/26/19 12:15	(8.9)	7.1	(0.6)	(6.1)
3/25/19 23:30	(24.9)	(20.6)	(0.0)	(45.5)	3/26/19 12:30	(7.4)	(3.4)	(0.3)	(10.6)
3/25/19 23:45	(34.1)	(27.8)	(0.0)	(61.1)	3/26/19 12:45	5.0	(30.7)	1.0	(25.0)
3/26/19 0:00	(15.4)	(14.4)	(0.0)	(25.9)	3/26/19 13:00	(8.9)	(44.7)	2.2	(51.7)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/26/19 13:15	4.5	(46.8)	(0.6)	(45.5)	3/27/19 2:15	25.7	14.4	0.0	39.9
3/26/19 13:30	27.2	(30.2)	4.0	8.8	3/27/19 2:30	10.4	16.4	(0.0)	21.8
3/26/19 13:45	16.9	(11.3)	(2.2)	10.0	3/27/19 2:45	(20.4)	11.5	(0.0)	(15.8)
3/26/19 14:00	12.5	5.4	1.5	17.9	3/27/19 3:00	20.5	14.5	(0.0)	34.2
3/26/19 14:15	(11.5)	12.5	(2.3)	8.3	3/27/19 3:15	(7.3)	7.9	(0.0)	(8.7)
3/26/19 14:30	(5.5)	(3.0)	12.4	11.4	3/27/19 3:30	(46.0)	(46.0)	0.0	(91.9)
3/26/19 14:45	5.6	(9.1)	(6.3)	(11.8)	3/27/19 3:45	3.3	(59.7)	(0.0)	(56.7)
3/26/19 15:00	(8.0)	(11.6)	15.5	(5.3)	3/27/19 4:00	14.9	(53.5)	0.0	(38.6)
3/26/19 15:15	(27.2)	(7.7)	16.1	(26.0)	3/27/19 4:15	12.9	(34.3)	0.0	(29.9)
3/26/19 15:30	27.4	(23.8)	11.3	29.3	3/27/19 4:30	(31.7)	(15.0)	(0.0)	(43.3)
3/26/19 15:45	5.9	(18.8)	(0.9)	(13.3)	3/27/19 4:45	20.0	(15.7)	(0.0)	8.0
3/26/19 16:00	(27.6)	(5.5)	(7.2)	(38.9)	3/27/19 5:00	29.6	(22.1)	0.0	7.6
3/26/19 16:15	39.7	(9.9)	8.9	40.3	3/27/19 5:15	65.9	(15.2)	(0.0)	50.7
3/26/19 16:30	19.5	4.8	9.4	30.7	3/27/19 5:30	34.2	13.1	(0.0)	47.2
3/26/19 16:45	7.2	5.0	9.5	17.8	3/27/19 5:45	42.3	13.8	0.0	56.1
3/26/19 17:00	13.1	4.0	2.3	16.5	3/27/19 6:00	28.9	2.8	0.0	30.4
3/26/19 17:15	17.4	(6.2)	7.6	24.9	3/27/19 6:15	56.8	12.6	0.0	69.4
3/26/19 17:30	10.0	(11.1)	(13.2)	(13.9)	3/27/19 6:30	45.3	4.6	(0.0)	49.4
3/26/19 17:45	(10.1)	(7.6)	(2.8)	(16.9)	3/27/19 6:45	(13.5)	25.5	(0.0)	26.1
3/26/19 18:00	(16.5)	(30.3)	19.4	(25.8)	3/27/19 7:00	34.4	14.6	(0.1)	49.0
3/26/19 18:15	26.6	(17.8)	28.2	37.2	3/27/19 7:15	11.8	1.5	(3.0)	10.3
3/26/19 18:30	2.2	(22.9)	6.7	(15.5)	3/27/19 7:30	(10.1)	18.1	(6.0)	8.0
3/26/19 18:45	(22.4)	(48.0)	3.3	(65.4)	3/27/19 7:45	14.4	24.0	(20.2)	14.0
3/26/19 19:00	15.4	(29.6)	3.4	(18.9)	3/27/19 8:00	14.8	4.8	(20.6)	(7.8)
3/26/19 19:15	28.8	5.2	1.2	34.3	3/27/19 8:15	8.5	31.7	(13.9)	26.6
3/26/19 19:30	36.7	(17.7)	0.1	19.1	3/27/19 8:30	(36.9)	48.6	(33.7)	(22.0)
3/26/19 19:45	(13.2)	(30.5)	0.0	(38.6)	3/27/19 8:45	12.1	31.9	(19.7)	19.1
3/26/19 20:00	13.5	(35.2)	(0.0)	(22.1)	3/27/19 9:00	23.3	45.8	(7.5)	60.2
3/26/19 20:15	6.8	(31.5)	(0.0)	(25.7)	3/27/19 9:15	6.7	87.9	8.5	97.6
3/26/19 20:30	(34.9)	(35.6)	(0.0)	(70.5)	3/27/19 9:30	(56.4)	78.2	4.5	25.2
3/26/19 20:45	(37.0)	(32.1)	0.0	(69.1)	3/27/19 9:45	16.5	46.6	2.9	64.1
3/26/19 21:00	(18.4)	(28.4)	0.0	(45.3)	3/27/19 10:00	(9.9)	43.0	(3.2)	32.5
3/26/19 21:15	25.6	20.1	(0.0)	43.3	3/27/19 10:15	(15.6)	25.2	(7.9)	16.2
3/26/19 21:30	(30.8)	5.1	(0.0)	(25.7)	3/27/19 10:30	(10.6)	4.0	(5.4)	(11.3)
3/26/19 21:45	(52.3)	10.5	0.0	(41.8)	3/27/19 10:45	(5.7)	24.3	(7.2)	14.2
3/26/19 22:00	(47.4)	39.2	(0.0)	(11.3)	3/27/19 11:00	(5.5)	29.1	6.8	33.8
3/26/19 22:15	(22.1)	59.0	(0.0)	36.9	3/27/19 11:15	24.0	21.8	6.6	51.1
3/26/19 22:30	(43.7)	22.4	(0.0)	(22.7)	3/27/19 11:30	(21.5)	5.1	(5.0)	(22.6)
3/26/19 22:45	(54.9)	31.6	(0.0)	(33.9)	3/27/19 11:45	20.7	17.7	2.2	36.6
3/26/19 23:00	(12.3)	39.0	(0.0)	30.6	3/27/19 12:00	(27.2)	11.8	4.8	(12.9)
3/26/19 23:15	(4.8)	23.3	(0.0)	18.7	3/27/19 12:15	15.8	21.2	(4.2)	31.3
3/26/19 23:30	(53.2)	17.4	(0.0)	(35.8)	3/27/19 12:30	(20.2)	25.5	(6.3)	(6.9)
3/26/19 23:45	8.1	14.5	(0.0)	20.9	3/27/19 12:45	16.6	10.1	3.5	29.0
3/27/19 0:00	(14.8)	28.1	0.0	13.4	3/27/19 13:00	(23.8)	16.2	5.6	(7.3)
3/27/19 0:15	(21.8)	6.1	0.0	(17.7)	3/27/19 13:15	17.8	(2.5)	(1.6)	14.9
3/27/19 0:30	(24.9)	34.0	(0.0)	22.2	3/27/19 13:30	(12.9)	1.8	0.6	(12.5)
3/27/19 0:45	(30.2)	28.5	(0.0)	(9.3)	3/27/19 13:45	17.6	(3.7)	(4.4)	11.8
3/27/19 1:00	15.2	12.9	0.0	26.4	3/27/19 14:00	(21.6)	(10.1)	(2.8)	(32.4)
3/27/19 1:15	24.2	(6.1)	(0.0)	22.5	3/27/19 14:15	21.7	(16.1)	(5.9)	11.4
3/27/19 1:30	(7.8)	3.3	0.0	(8.4)	3/27/19 14:30	24.5	(19.8)	(5.0)	4.5
3/27/19 1:45	(3.2)	15.5	0.0	12.7	3/27/19 14:45	(16.0)	(33.6)	(3.0)	(48.2)
3/27/19 2:00	(4.7)	8.5	(0.0)	5.5	3/27/19 15:00	(18.3)	(37.3)	3.4	(40.7)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/27/19 15:15	22.1	(27.0)	(2.8)	(17.2)	3/28/19 4:15	(16.0)	30.9	(0.0)	22.6
3/27/19 15:30	31.8	(23.5)	5.5	17.2	3/28/19 4:30	(14.5)	30.0	0.0	27.5
3/27/19 15:45	(12.9)	(19.8)	10.9	(25.1)	3/28/19 4:45	57.8	39.7	(0.0)	97.5
3/27/19 16:00	30.3	(61.1)	1.9	(31.9)	3/28/19 5:00	27.7	8.9	0.0	36.7
3/27/19 16:15	(5.8)	(39.4)	7.9	(31.9)	3/28/19 5:15	(14.9)	8.6	(0.0)	(21.8)
3/27/19 16:30	(16.3)	(49.1)	9.0	(51.0)	3/28/19 5:30	17.1	13.4	0.0	30.2
3/27/19 16:45	24.3	(29.6)	4.5	(14.2)	3/28/19 5:45	40.7	23.9	(0.0)	64.6
3/27/19 17:00	3.6	(43.3)	14.2	(29.0)	3/28/19 6:00	28.9	(8.4)	0.0	24.3
3/27/19 17:15	(8.1)	(28.6)	(4.2)	(37.2)	3/28/19 6:15	68.6	(43.0)	(0.0)	25.6
3/27/19 17:30	26.2	(36.1)	21.3	20.7	3/28/19 6:30	41.1	(23.2)	(0.0)	18.8
3/27/19 17:45	15.5	(29.7)	42.5	28.8	3/28/19 6:45	15.4	(9.8)	0.0	(17.5)
3/27/19 18:00	9.6	(7.4)	6.4	17.1	3/28/19 7:00	14.5	(30.0)	(0.2)	(26.8)
3/27/19 18:15	(39.1)	14.2	2.6	(30.1)	3/28/19 7:15	24.0	(39.1)	(5.4)	(20.9)
3/27/19 18:30	23.4	(34.9)	2.8	(15.0)	3/28/19 7:30	9.2	(23.3)	(18.0)	(32.1)
3/27/19 18:45	16.4	(65.4)	4.9	(44.2)	3/28/19 7:45	(23.4)	(5.7)	(20.9)	(49.7)
3/27/19 19:00	(22.7)	(26.5)	4.9	(40.1)	3/28/19 8:00	28.8	38.3	(20.9)	46.5
3/27/19 19:15	31.5	(55.1)	2.2	(23.4)	3/28/19 8:15	7.7	51.8	(20.4)	36.4
3/27/19 19:30	40.2	(66.3)	0.2	(25.9)	3/28/19 8:30	(21.4)	57.8	(20.3)	16.3
3/27/19 19:45	8.3	(42.9)	0.0	(35.1)	3/28/19 8:45	(16.5)	49.2	(15.3)	24.7
3/27/19 20:00	(38.8)	(10.9)	(0.0)	(41.7)	3/28/19 9:00	13.5	38.9	(4.0)	48.5
3/27/19 20:15	(3.0)	38.4	0.0	37.1	3/28/19 9:15	(12.7)	37.8	(2.6)	26.7
3/27/19 20:30	14.8	(19.8)	(0.0)	(9.0)	3/28/19 9:30	(19.9)	35.1	(3.9)	16.3
3/27/19 20:45	(15.4)	(50.7)	(0.0)	(62.1)	3/28/19 9:45	12.5	10.6	(2.5)	20.2
3/27/19 21:00	(33.9)	(7.0)	0.0	(35.9)	3/28/19 10:00	(2.5)	6.1	(0.6)	6.6
3/27/19 21:15	(43.5)	(5.8)	0.0	(46.8)	3/28/19 10:15	(30.1)	20.5	0.5	(13.1)
3/27/19 21:30	(22.3)	53.7	(0.0)	39.2	3/28/19 10:30	25.6	24.6	(1.9)	43.8
3/27/19 21:45	(19.7)	82.2	0.0	62.5	3/28/19 10:45	7.6	5.6	1.5	7.2
3/27/19 22:00	(40.0)	24.9	(0.0)	(17.5)	3/28/19 11:00	(8.3)	(13.5)	1.7	(18.1)
3/27/19 22:15	(77.3)	27.9	0.0	(49.4)	3/28/19 11:15	(18.9)	(20.2)	3.8	(32.2)
3/27/19 22:30	(38.0)	(39.0)	(0.0)	(77.0)	3/28/19 11:30	7.2	(22.0)	(2.4)	(18.6)
3/27/19 22:45	(33.7)	(10.8)	(0.0)	(44.4)	3/28/19 11:45	6.9	(15.0)	4.0	(6.2)
3/27/19 23:00	(34.6)	20.5	0.0	(20.8)	3/28/19 12:00	(24.6)	(1.0)	(0.5)	(24.4)
3/27/19 23:15	23.2	29.9	(0.0)	53.0	3/28/19 12:15	11.2	(8.8)	(2.2)	(8.6)
3/27/19 23:30	14.5	43.4	(0.0)	47.0	3/28/19 12:30	(1.6)	(3.7)	2.6	4.2
3/27/19 23:45	(24.6)	29.3	0.0	11.0	3/28/19 12:45	(20.0)	(18.0)	(2.8)	(39.6)
3/28/19 0:00	8.7	22.8	0.0	27.7	3/28/19 13:00	25.3	(24.8)	(1.3)	(7.9)
3/28/19 0:15	(18.9)	33.4	0.1	19.7	3/28/19 13:15	6.7	(39.5)	0.9	(32.7)
3/28/19 0:30	(17.6)	(12.9)	0.0	(29.6)	3/28/19 13:30	(32.1)	(50.4)	(1.1)	(83.5)
3/28/19 0:45	(48.2)	(8.5)	(0.0)	(56.7)	3/28/19 13:45	23.7	(43.8)	2.5	(18.6)
3/28/19 1:00	(6.4)	23.8	(0.0)	20.2	3/28/19 14:00	8.4	(65.4)	4.4	(54.6)
3/28/19 1:15	(16.4)	32.9	0.0	26.0	3/28/19 14:15	(25.7)	(71.5)	5.7	(91.9)
3/28/19 1:30	5.5	50.8	(0.0)	51.1	3/28/19 14:30	22.7	(80.5)	13.1	(44.7)
3/28/19 1:45	(19.6)	44.4	0.0	27.7	3/28/19 14:45	12.4	(66.8)	(16.9)	(72.8)
3/28/19 2:00	(4.3)	49.8	0.0	46.1	3/28/19 15:00	9.7	(48.8)	14.8	(28.0)
3/28/19 2:15	(14.1)	33.6	0.0	19.5	3/28/19 15:15	(17.7)	(37.1)	(12.3)	(64.2)
3/28/19 2:30	(3.8)	17.3	0.0	14.3	3/28/19 15:30	(7.3)	(15.5)	34.3	18.0
3/28/19 2:45	1.0	(10.7)	0.0	(10.8)	3/28/19 15:45	22.9	(32.8)	9.8	(10.3)
3/28/19 3:00	3.3	(15.2)	0.0	(13.2)	3/28/19 16:00	20.9	(16.9)	2.0	10.2
3/28/19 3:15	18.6	(8.2)	0.0	18.0	3/28/19 16:15	(9.6)	(10.3)	1.0	(12.7)
3/28/19 3:30	(14.7)	(23.1)	0.0	(35.6)	3/28/19 16:30	12.9	(29.8)	3.7	(22.2)
3/28/19 3:45	37.6	(28.9)	(0.0)	10.9	3/28/19 16:45	24.1	(15.5)	(0.9)	12.2
3/28/19 4:00	8.3	(18.5)	(0.0)	(14.3)	3/28/19 17:00	12.5	18.2	3.4	31.7

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/28/19 17:15	(18.0)	33.6	(12.9)	16.5	3/29/19 6:15	34.5	28.6	(0.0)	60.1
3/28/19 17:30	20.5	34.2	21.9	64.5	3/29/19 6:30	35.5	11.1	(0.0)	45.9
3/28/19 17:45	11.8	16.3	22.0	46.8	3/29/19 6:45	14.2	3.6	0.0	17.2
3/28/19 18:00	(42.8)	66.8	7.9	31.8	3/29/19 7:00	37.3	(3.0)	(0.1)	34.4
3/28/19 18:15	29.6	78.8	14.1	118.5	3/29/19 7:15	25.5	4.2	(2.2)	27.5
3/28/19 18:30	13.0	108.1	13.4	134.5	3/29/19 7:30	16.3	2.8	(6.9)	13.2
3/28/19 18:45	(14.6)	57.1	5.9	55.6	3/29/19 7:45	(16.1)	11.0	(9.4)	(15.9)
3/28/19 19:00	(23.3)	40.8	4.3	24.9	3/29/19 8:00	42.7	17.2	(10.5)	49.3
3/28/19 19:15	22.0	63.5	1.6	87.0	3/29/19 8:15	7.7	18.3	(10.9)	15.0
3/28/19 19:30	36.3	39.7	0.2	76.2	3/29/19 8:30	(17.4)	12.5	(10.9)	(15.4)
3/28/19 19:45	8.3	31.0	(0.0)	39.4	3/29/19 8:45	26.1	20.9	(7.3)	39.7
3/28/19 20:00	31.8	111.7	0.0	143.5	3/29/19 9:00	7.3	7.8	(3.2)	11.2
3/28/19 20:15	(10.1)	32.0	0.0	28.6	3/29/19 9:15	(9.6)	(1.3)	(0.2)	(9.4)
3/28/19 20:30	(10.8)	(16.5)	(0.0)	(22.4)	3/29/19 9:30	10.0	(2.6)	(1.8)	6.2
3/28/19 20:45	(45.7)	18.1	0.0	(33.4)	3/29/19 9:45	5.9	(4.1)	(2.1)	(5.0)
3/28/19 21:00	6.4	(7.3)	(0.0)	(7.2)	3/29/19 10:00	(19.9)	3.6	(2.6)	(19.4)
3/28/19 21:15	(22.6)	13.8	(0.0)	(12.4)	3/29/19 10:15	16.1	5.0	(2.3)	16.4
3/28/19 21:30	(21.3)	(28.0)	0.0	(49.3)	3/29/19 10:30	4.2	5.9	2.3	12.3
3/28/19 21:45	(54.0)	(46.2)	(0.0)	(100.2)	3/29/19 10:45	(26.7)	10.9	(3.9)	(19.9)
3/28/19 22:00	(20.0)	26.5	0.0	9.0	3/29/19 11:00	17.6	8.1	(5.0)	20.4
3/28/19 22:15	(6.5)	(10.1)	0.0	(13.8)	3/29/19 11:15	(6.5)	4.9	(12.1)	(11.2)
3/28/19 22:30	(58.8)	27.8	(0.0)	(31.0)	3/29/19 11:30	(10.4)	2.4	(8.2)	(17.8)
3/28/19 22:45	(19.4)	12.5	(0.0)	(6.9)	3/29/19 11:45	(13.3)	(19.2)	(10.5)	(41.4)
3/28/19 23:00	(28.5)	(10.2)	(0.0)	(38.8)	3/29/19 12:00	8.9	(29.9)	2.8	(25.5)
3/28/19 23:15	(35.8)	18.8	0.0	(18.6)	3/29/19 12:15	(17.4)	(20.6)	8.7	(23.4)
3/28/19 23:30	22.6	(18.3)	0.0	(21.5)	3/29/19 12:30	13.8	(8.0)	(2.4)	(16.7)
3/28/19 23:45	11.0	(23.7)	(0.0)	(20.1)	3/29/19 12:45	2.5	19.5	9.9	30.4
3/29/19 0:00	(36.6)	(29.4)	(0.0)	(66.0)	3/29/19 13:00	(9.1)	15.3	9.0	21.2
3/29/19 0:15	(13.5)	(6.5)	(0.0)	(18.3)	3/29/19 13:15	(27.6)	5.1	(13.6)	(36.6)
3/29/19 0:30	(11.6)	(6.8)	(0.0)	(18.4)	3/29/19 13:30	2.7	(10.2)	(3.5)	(11.2)
3/29/19 0:45	(12.1)	13.3	0.0	5.0	3/29/19 13:45	(4.2)	(23.4)	(4.7)	(31.4)
3/29/19 1:00	(22.3)	42.2	(0.0)	21.3	3/29/19 14:00	4.8	(33.2)	(10.3)	(36.5)
3/29/19 1:15	(9.3)	10.2	(0.0)	11.0	3/29/19 14:15	10.6	(15.5)	13.5	9.9
3/29/19 1:30	6.6	(11.3)	0.0	(9.9)	3/29/19 14:30	31.5	(13.2)	(6.1)	15.8
3/29/19 1:45	(23.9)	(30.6)	(0.0)	(53.3)	3/29/19 14:45	4.5	(32.3)	20.2	(10.5)
3/29/19 2:00	22.2	(7.0)	0.0	24.5	3/29/19 15:00	5.2	(22.2)	32.3	21.8
3/29/19 2:15	21.9	9.7	(0.0)	31.6	3/29/19 15:15	(19.3)	10.5	26.2	18.0
3/29/19 2:30	12.0	12.8	0.0	24.8	3/29/19 15:30	17.1	(21.2)	(17.3)	(29.8)
3/29/19 2:45	(38.4)	11.2	0.0	(27.2)	3/29/19 15:45	5.7	(11.4)	24.3	19.4
3/29/19 3:00	33.7	(19.9)	0.0	17.4	3/29/19 16:00	(20.9)	(44.8)	(6.0)	(68.8)
3/29/19 3:15	(2.1)	(39.8)	(0.0)	(42.0)	3/29/19 16:15	30.5	(38.3)	7.6	(10.8)
3/29/19 3:30	(15.8)	(8.8)	(0.0)	(21.3)	3/29/19 16:30	31.1	(73.6)	(4.9)	(43.0)
3/29/19 3:45	(15.5)	3.0	0.0	(12.7)	3/29/19 16:45	(11.4)	(89.0)	6.1	(88.3)
3/29/19 4:00	55.6	(4.6)	(0.0)	51.3	3/29/19 17:00	32.9	(32.4)	(6.2)	(10.1)
3/29/19 4:15	11.4	6.6	0.0	18.1	3/29/19 17:15	14.1	(28.1)	(39.2)	(53.2)
3/29/19 4:30	(10.1)	9.1	(0.0)	12.6	3/29/19 17:30	(12.1)	22.2	30.0	49.2
3/29/19 4:45	19.2	(3.9)	0.0	16.4	3/29/19 17:45	9.0	(20.1)	11.3	(9.1)
3/29/19 5:00	24.7	(5.9)	(0.0)	18.8	3/29/19 18:00	27.8	(31.2)	3.0	(2.5)
3/29/19 5:15	24.8	23.3	(0.0)	46.0	3/29/19 18:15	(9.1)	(12.6)	3.8	(10.3)
3/29/19 5:30	23.2	23.3	(0.0)	42.1	3/29/19 18:30	(22.6)	(62.8)	(12.5)	(95.5)
3/29/19 5:45	28.9	25.5	(0.0)	54.4	3/29/19 18:45	32.3	(49.0)	4.4	(14.6)
3/29/19 6:00	35.0	5.7	0.0	40.7	3/29/19 19:00	3.1	34.8	11.8	47.1

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/29/19 19:15	(22.7)	52.9	3.4	41.8	3/30/19 8:15	18.0	1.7	(8.6)	12.9
3/29/19 19:30	15.8	32.6	0.3	41.7	3/30/19 8:30	18.0	39.2	(9.5)	41.1
3/29/19 19:45	8.8	15.3	0.0	23.5	3/30/19 8:45	(26.1)	23.6	9.0	11.2
3/29/19 20:00	(19.2)	(28.1)	0.0	(47.3)	3/30/19 9:00	32.7	(2.6)	(8.0)	28.3
3/29/19 20:15	(18.1)	(44.8)	0.0	(59.8)	3/30/19 9:15	21.9	16.3	(15.8)	22.9
3/29/19 20:30	7.6	(25.2)	(0.0)	(18.5)	3/30/19 9:30	(12.8)	9.4	(5.5)	(15.3)
3/29/19 20:45	(18.4)	6.4	0.0	(12.0)	3/30/19 9:45	15.2	(0.9)	2.0	17.6
3/29/19 21:00	(48.0)	17.4	0.0	(33.3)	3/30/19 10:00	5.4	17.8	(3.3)	20.6
3/29/19 21:15	12.0	(32.1)	0.0	(28.5)	3/30/19 10:15	(16.8)	(13.5)	(7.6)	(37.3)
3/29/19 21:30	(34.7)	(27.3)	(0.0)	(62.0)	3/30/19 10:30	(40.1)	31.2	(4.0)	(12.9)
3/29/19 21:45	(19.5)	(43.6)	0.0	(63.1)	3/30/19 10:45	9.5	35.5	(3.3)	38.7
3/29/19 22:00	9.0	(37.4)	(0.0)	(32.8)	3/30/19 11:00	9.3	44.3	5.8	53.5
3/29/19 22:15	(19.0)	(45.7)	(0.0)	(62.6)	3/30/19 11:15	(13.7)	30.2	11.0	44.6
3/29/19 22:30	(66.9)	(45.5)	0.0	(112.4)	3/30/19 11:30	(16.8)	16.0	(9.5)	(13.0)
3/29/19 22:45	14.5	(50.3)	(0.0)	(35.8)	3/30/19 11:45	(9.0)	4.8	4.4	(3.3)
3/29/19 23:00	(8.9)	(13.7)	0.0	(22.7)	3/30/19 12:00	(15.9)	(8.3)	3.0	(19.7)
3/29/19 23:15	(30.7)	3.2	(0.0)	(29.9)	3/30/19 12:15	(17.7)	22.7	7.9	20.2
3/29/19 23:30	(17.5)	(13.6)	(0.0)	(26.1)	3/30/19 12:30	(9.3)	(4.5)	8.1	(6.4)
3/29/19 23:45	23.2	(6.7)	0.0	18.3	3/30/19 12:45	(24.8)	7.9	(9.0)	(25.0)
3/30/19 0:00	(44.0)	3.7	(0.0)	(42.3)	3/30/19 13:00	10.7	(15.9)	16.2	9.4
3/30/19 0:15	(37.6)	(18.4)	(0.0)	(54.5)	3/30/19 13:15	7.7	(23.3)	(19.8)	(35.7)
3/30/19 0:30	(38.1)	10.8	(0.0)	(27.3)	3/30/19 13:30	(13.5)	22.6	2.6	10.9
3/30/19 0:45	20.6	8.1	0.0	26.2	3/30/19 13:45	(20.7)	11.9	3.6	(6.9)
3/30/19 1:00	9.9	(1.8)	(0.0)	10.1	3/30/19 14:00	55.7	(12.8)	(14.0)	28.8
3/30/19 1:15	(8.8)	10.6	0.0	8.4	3/30/19 14:15	9.2	14.9	4.7	25.8
3/30/19 1:30	(17.1)	(8.1)	0.0	(23.7)	3/30/19 14:30	(19.9)	(6.4)	(6.7)	(28.9)
3/30/19 1:45	6.3	15.2	(0.0)	21.4	3/30/19 14:45	18.3	19.0	(9.6)	27.2
3/30/19 2:00	(12.2)	5.0	(0.0)	(9.6)	3/30/19 15:00	(4.8)	42.9	15.2	53.7
3/30/19 2:15	(23.0)	8.6	0.0	(14.5)	3/30/19 15:15	(18.1)	10.5	15.9	10.1
3/30/19 2:30	11.1	(12.0)	0.0	(8.7)	3/30/19 15:30	12.4	2.5	(12.8)	6.6
3/30/19 2:45	(14.5)	(4.2)	0.0	(18.3)	3/30/19 15:45	5.9	31.3	(10.4)	24.9
3/30/19 3:00	(13.4)	(24.4)	(0.0)	(31.7)	3/30/19 16:00	(21.4)	41.3	5.3	23.3
3/30/19 3:15	27.1	(10.4)	(0.0)	17.1	3/30/19 16:15	(15.5)	15.9	3.7	24.8
3/30/19 3:30	(25.6)	8.9	(0.0)	(16.7)	3/30/19 16:30	33.3	(6.8)	19.1	50.6
3/30/19 3:45	(28.4)	16.6	0.0	(15.0)	3/30/19 16:45	26.7	53.2	(3.4)	76.5
3/30/19 4:00	25.3	(8.3)	0.0	18.4	3/30/19 17:00	(32.2)	28.1	10.1	6.7
3/30/19 4:15	17.7	(11.0)	(0.0)	9.2	3/30/19 17:15	12.9	27.0	17.0	55.1
3/30/19 4:30	(20.5)	(15.6)	0.0	(35.2)	3/30/19 17:30	21.4	(2.2)	6.7	26.9
3/30/19 4:45	18.6	3.7	(0.0)	22.0	3/30/19 17:45	9.3	11.5	(15.4)	10.3
3/30/19 5:00	16.0	45.0	(0.0)	59.6	3/30/19 18:00	16.0	48.9	15.9	80.8
3/30/19 5:15	(9.9)	48.7	(0.0)	47.8	3/30/19 18:15	(31.8)	36.7	10.5	35.7
3/30/19 5:30	21.7	18.4	0.0	40.1	3/30/19 18:30	(22.3)	21.1	5.3	29.5
3/30/19 5:45	22.0	15.8	(0.0)	37.8	3/30/19 18:45	16.5	19.2	12.4	48.1
3/30/19 6:00	(17.7)	12.5	(0.0)	(8.5)	3/30/19 19:00	(9.3)	17.5	6.5	19.2
3/30/19 6:15	47.5	26.2	(0.0)	73.7	3/30/19 19:15	31.6	18.5	1.9	51.9
3/30/19 6:30	(21.1)	43.1	(0.1)	28.7	3/30/19 19:30	31.3	12.2	0.1	43.0
3/30/19 6:45	(15.9)	34.3	(0.1)	18.4	3/30/19 19:45	8.2	2.8	0.1	9.2
3/30/19 7:00	24.4	23.7	(0.2)	40.0	3/30/19 20:00	20.5	1.1	(0.0)	21.6
3/30/19 7:15	31.8	6.4	(4.5)	33.8	3/30/19 20:15	22.3	3.1	(0.0)	24.4
3/30/19 7:30	14.8	(9.4)	(7.6)	(18.1)	3/30/19 20:30	(27.5)	4.2	(0.0)	(23.3)
3/30/19 7:45	15.2	(29.4)	(10.6)	(29.6)	3/30/19 20:45	9.3	2.2	(0.0)	10.3
3/30/19 8:00	23.2	(31.3)	(14.4)	(22.7)	3/30/19 21:00	(17.2)	4.7	0.0	(12.5)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/30/19 21:15	(63.3)	6.9	0.0	(56.4)	3/31/19 10:15	(7.5)	15.1	(5.4)	2.3
3/30/19 21:30	11.7	(2.0)	(0.0)	12.0	3/31/19 10:30	10.4	14.5	(4.2)	18.9
3/30/19 21:45	(16.4)	(6.1)	0.0	(22.4)	3/31/19 10:45	20.8	10.2	(2.8)	27.5
3/30/19 22:00	(50.2)	0.9	(0.0)	(49.9)	3/31/19 11:00	(6.5)	2.8	(2.3)	(6.6)
3/30/19 22:15	(15.5)	1.9	0.0	(13.6)	3/31/19 11:15	(19.8)	(2.5)	3.6	(18.7)
3/30/19 22:30	(21.1)	(0.9)	(0.0)	(22.1)	3/31/19 11:30	(32.5)	(1.7)	(5.1)	(39.1)
3/30/19 22:45	(43.8)	(1.8)	0.0	(45.3)	3/31/19 11:45	(3.0)	(2.3)	(4.9)	(9.6)
3/30/19 23:00	37.4	(3.1)	(0.0)	35.2	3/31/19 12:00	12.6	(1.8)	(10.3)	(12.3)
3/30/19 23:15	(16.8)	(4.9)	(0.0)	(21.7)	3/31/19 12:15	19.6	(1.6)	(5.7)	16.7
3/30/19 23:30	(46.8)	(8.7)	(0.0)	(55.6)	3/31/19 12:30	(6.3)	(6.5)	(0.7)	(12.9)
3/30/19 23:45	(10.1)	(7.6)	0.0	(13.5)	3/31/19 12:45	(31.2)	(1.9)	4.4	(29.4)
3/31/19 0:00	(19.5)	(6.8)	(0.0)	(26.3)	3/31/19 13:00	25.1	(2.3)	6.0	28.5
3/31/19 0:15	(30.2)	(4.4)	0.0	(34.6)	3/31/19 13:15	17.5	(5.0)	(3.4)	9.1
3/31/19 0:30	(5.4)	(1.5)	(0.0)	(6.7)	3/31/19 13:30	(21.8)	(3.6)	(1.9)	(26.2)
3/31/19 0:45	5.7	(5.9)	(0.0)	(8.9)	3/31/19 13:45	17.2	(3.1)	(4.2)	18.0
3/31/19 1:00	(48.9)	(2.7)	0.0	(51.6)	3/31/19 14:00	7.3	(6.5)	11.1	11.3
3/31/19 1:15	9.9	1.8	(0.0)	11.7	3/31/19 14:15	9.0	(6.0)	7.7	9.8
3/31/19 1:30	23.4	1.4	0.0	24.7	3/31/19 14:30	(21.4)	(4.7)	6.6	(19.9)
3/31/19 1:45	(2.1)	(4.8)	0.0	(6.8)	3/31/19 14:45	18.1	(4.0)	4.7	18.8
3/31/19 2:00	(29.0)	(3.8)	0.0	(32.8)	3/31/19 15:00	9.2	(3.6)	(2.8)	5.2
3/31/19 2:15	24.8	(1.0)	(0.0)	24.8	3/31/19 15:15	(21.8)	(7.6)	2.8	(28.7)
3/31/19 2:30	5.9	7.0	0.0	12.9	3/31/19 15:30	21.1	(0.6)	6.5	26.7
3/31/19 2:45	(21.5)	1.7	(0.0)	(21.5)	3/31/19 15:45	19.4	(1.3)	(3.3)	17.7
3/31/19 3:00	17.1	0.9	0.0	17.4	3/31/19 16:00	17.4	(9.1)	(7.1)	(4.7)
3/31/19 3:15	7.5	1.2	(0.0)	8.7	3/31/19 16:15	(8.8)	(0.6)	8.8	10.4
3/31/19 3:30	(20.8)	2.3	0.0	(18.8)	3/31/19 16:30	28.6	(5.7)	8.0	30.9
3/31/19 3:45	18.5	1.1	(0.0)	18.9	3/31/19 16:45	28.0	(24.6)	4.1	8.5
3/31/19 4:00	14.0	(3.8)	0.0	10.3	3/31/19 17:00	(18.6)	(8.0)	5.7	(20.2)
3/31/19 4:15	(27.2)	(6.6)	0.0	(32.1)	3/31/19 17:15	24.7	(9.1)	3.2	24.4
3/31/19 4:30	31.7	(1.4)	0.0	30.3	3/31/19 17:30	23.1	5.8	0.9	29.1
3/31/19 4:45	7.8	(3.5)	0.0	5.2	3/31/19 17:45	26.4	(7.9)	0.6	19.1
3/31/19 5:00	(39.6)	0.9	0.0	(38.8)	3/31/19 18:00	(7.6)	(14.5)	(0.4)	(18.3)
3/31/19 5:15	(42.8)	2.5	(0.0)	(40.8)	3/31/19 18:15	15.6	(32.8)	(0.3)	(20.8)
3/31/19 5:30	25.1	(2.4)	0.0	22.9	3/31/19 18:30	15.6	(48.2)	1.5	(31.1)
3/31/19 5:45	24.5	(2.4)	(0.0)	22.2	3/31/19 18:45	(9.7)	(37.9)	3.8	(36.9)
3/31/19 6:00	31.4	0.4	(0.0)	31.8	3/31/19 19:00	21.6	(39.8)	2.5	(16.2)
3/31/19 6:15	(17.6)	(0.9)	0.0	(18.1)	3/31/19 19:15	27.4	(38.8)	1.6	(11.6)
3/31/19 6:30	28.7	(7.1)	(0.0)	22.6	3/31/19 19:30	15.2	(34.4)	0.2	(20.9)
3/31/19 6:45	6.7	(12.6)	(0.0)	(5.9)	3/31/19 19:45	52.1	(28.8)	0.0	23.4
3/31/19 7:00	(24.4)	(2.2)	(0.8)	(26.1)	3/31/19 20:00	7.0	(28.4)	(0.0)	(21.5)
3/31/19 7:15	9.0	4.8	(2.5)	10.4	3/31/19 20:15	(21.4)	(26.1)	0.0	(46.3)
3/31/19 7:30	8.9	5.5	(4.0)	10.4	3/31/19 20:30	15.7	(4.5)	(0.0)	14.3
3/31/19 7:45	2.3	9.0	(4.3)	6.7	3/31/19 20:45	(7.6)	(12.1)	0.0	(19.7)
3/31/19 8:00	4.9	6.6	(5.4)	5.9	3/31/19 21:00	(27.9)	(18.3)	(0.0)	(46.3)
3/31/19 8:15	3.3	4.8	(5.1)	3.4	3/31/19 21:15	(7.9)	(11.8)	0.0	(15.5)
3/31/19 8:30	1.4	1.8	(3.4)	(2.1)	3/31/19 21:30	(25.9)	14.6	(0.0)	(11.3)
3/31/19 8:45	(2.5)	2.6	(2.0)	(3.8)	3/31/19 21:45	(45.1)	6.6	0.0	(38.5)
3/31/19 9:00	5.1	(6.0)	(2.1)	(5.6)	3/31/19 22:00	(24.0)	7.5	(0.0)	(16.4)
3/31/19 9:15	10.3	(7.3)	(1.3)	3.2	3/31/19 22:15	(22.7)	2.1	0.0	(20.6)
3/31/19 9:30	(5.4)	(3.3)	(1.0)	(9.6)	3/31/19 22:30	(47.6)	6.9	(0.0)	(40.7)
3/31/19 9:45	(9.0)	1.1	(0.4)	(9.4)	3/31/19 22:45	(35.8)	(3.1)	(0.0)	(38.9)
3/31/19 10:00	(11.0)	9.8	(3.9)	(5.3)	3/31/19 23:00	(27.6)	6.5	(0.0)	(21.2)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
3/31/19 23:15	7.4	(3.1)	(0.0)	(10.3)	4/1/19 12:15	14.4	(51.0)	1.2	(39.6)
3/31/19 23:30	(49.0)	(11.0)	(0.0)	(60.0)	4/1/19 12:30	(23.2)	(13.3)	1.6	(33.8)
3/31/19 23:45	(13.6)	(0.7)	(0.0)	(13.6)	4/1/19 12:45	16.0	(15.4)	(5.5)	(12.0)
4/1/19 0:00	(13.3)	(1.6)	(0.0)	(13.8)	4/1/19 13:00	24.7	7.0	4.7	28.1
4/1/19 0:15	(37.6)	7.0	(0.0)	(30.7)	4/1/19 13:15	43.4	(27.9)	(1.2)	24.2
4/1/19 0:30	(10.7)	16.1	0.0	22.5	4/1/19 13:30	9.2	31.7	(4.8)	34.1
4/1/19 0:45	9.2	10.2	(0.0)	19.3	4/1/19 13:45	(26.9)	(12.9)	(2.0)	(40.3)
4/1/19 1:00	(6.3)	20.1	0.0	14.8	4/1/19 14:00	11.7	(8.3)	3.2	(5.8)
4/1/19 1:15	(9.1)	23.1	0.0	20.2	4/1/19 14:15	4.6	29.3	(1.7)	31.6
4/1/19 1:30	(9.6)	33.0	0.0	28.4	4/1/19 14:30	(17.6)	(39.0)	1.9	(51.7)
4/1/19 1:45	(6.0)	23.3	0.0	23.5	4/1/19 14:45	23.8	(20.0)	(3.8)	5.2
4/1/19 2:00	(18.7)	30.6	0.0	18.3	4/1/19 15:00	(3.9)	14.8	0.5	15.5
4/1/19 2:15	7.5	25.2	0.0	29.8	4/1/19 15:15	(22.3)	(23.1)	1.0	(43.8)
4/1/19 2:30	(7.6)	7.9	0.0	11.2	4/1/19 15:30	21.5	11.1	3.0	34.6
4/1/19 2:45	(13.9)	17.8	0.0	19.7	4/1/19 15:45	6.0	(14.3)	1.5	(9.0)
4/1/19 3:00	14.2	22.6	(0.0)	36.7	4/1/19 16:00	(11.9)	19.6	4.2	20.4
4/1/19 3:15	7.9	8.1	0.0	15.7	4/1/19 16:15	22.8	14.4	(5.2)	32.2
4/1/19 3:30	12.6	2.3	(0.0)	13.4	4/1/19 16:30	17.0	(45.1)	11.3	(18.4)
4/1/19 3:45	22.4	(6.6)	(0.0)	17.2	4/1/19 16:45	(11.0)	18.2	(9.6)	(15.4)
4/1/19 4:00	9.0	15.6	0.0	22.4	4/1/19 17:00	26.2	(31.2)	2.5	(17.5)
4/1/19 4:15	43.1	28.0	(0.0)	71.1	4/1/19 17:15	19.7	(27.4)	3.2	(17.2)
4/1/19 4:30	21.9	43.5	0.0	65.4	4/1/19 17:30	(10.6)	13.1	23.7	34.9
4/1/19 4:45	16.5	29.5	(0.0)	40.8	4/1/19 17:45	46.7	8.3	35.6	85.5
4/1/19 5:00	32.8	10.5	(0.0)	43.3	4/1/19 18:00	20.9	5.2	21.9	47.0
4/1/19 5:15	34.6	10.7	(0.0)	45.2	4/1/19 18:15	(26.3)	(28.5)	13.1	(41.9)
4/1/19 5:30	8.9	16.9	(0.0)	19.4	4/1/19 18:30	24.3	123.0	6.3	136.4
4/1/19 5:45	64.4	5.8	(0.0)	70.2	4/1/19 18:45	(29.0)	32.9	11.3	(11.3)
4/1/19 6:00	65.9	3.2	(0.0)	69.1	4/1/19 19:00	(13.0)	(84.5)	6.7	(85.3)
4/1/19 6:15	56.4	(4.1)	(0.0)	52.9	4/1/19 19:15	42.4	(33.8)	2.5	20.5
4/1/19 6:30	49.8	6.9	0.0	56.5	4/1/19 19:30	47.6	12.3	0.4	60.2
4/1/19 6:45	31.4	2.7	(0.3)	33.7	4/1/19 19:45	(20.4)	55.8	0.0	45.9
4/1/19 7:00	(16.3)	8.1	(2.5)	(13.3)	4/1/19 20:00	(6.0)	47.2	(0.0)	43.6
4/1/19 7:15	19.7	3.6	(8.2)	15.3	4/1/19 20:15	(21.4)	22.1	0.0	3.0
4/1/19 7:30	(7.6)	(4.5)	(13.2)	(25.3)	4/1/19 20:30	(36.4)	38.2	0.0	10.5
4/1/19 7:45	(27.9)	(18.9)	(14.4)	(61.3)	4/1/19 20:45	(6.9)	32.9	0.0	32.0
4/1/19 8:00	(13.0)	(8.8)	(18.3)	(40.1)	4/1/19 21:00	(31.3)	(18.7)	0.0	(47.4)
4/1/19 8:15	(10.5)	5.3	(20.0)	(24.5)	4/1/19 21:15	(36.6)	(10.8)	0.0	(45.7)
4/1/19 8:30	5.0	14.3	(20.4)	(7.5)	4/1/19 21:30	(42.0)	(28.4)	0.0	(70.3)
4/1/19 8:45	(18.5)	9.5	(17.5)	(25.4)	4/1/19 21:45	4.8	(35.0)	0.0	(32.9)
4/1/19 9:00	7.0	(3.8)	(8.7)	(14.0)	4/1/19 22:00	(37.7)	26.1	0.0	(17.4)
4/1/19 9:15	(13.1)	(10.9)	(2.5)	(26.5)	4/1/19 22:15	(71.9)	67.7	0.0	(10.7)
4/1/19 9:30	(48.9)	(22.3)	2.4	(69.5)	4/1/19 22:30	(13.6)	68.3	0.0	54.7
4/1/19 9:45	(18.4)	(39.8)	(4.6)	(52.7)	4/1/19 22:45	(34.2)	38.9	0.0	4.9
4/1/19 10:00	13.4	(31.4)	2.2	(21.1)	4/1/19 23:00	(46.8)	30.8	(0.0)	(18.4)
4/1/19 10:15	2.2	(40.8)	(2.1)	(42.0)	4/1/19 23:15	(18.4)	28.7	(0.0)	22.0
4/1/19 10:30	(27.7)	(38.2)	1.7	(64.2)	4/1/19 23:30	(22.6)	15.4	0.0	(12.2)
4/1/19 10:45	15.3	(39.9)	(4.2)	(35.8)	4/1/19 23:45	(19.1)	21.7	0.0	3.7
4/1/19 11:00	9.2	(23.8)	(1.2)	(15.9)	4/2/19 0:00	(49.4)	(5.2)	(0.0)	(53.6)
4/1/19 11:15	(11.6)	(39.3)	0.5	(46.8)	4/2/19 0:15	9.2	(13.1)	0.0	(5.5)
4/1/19 11:30	(49.1)	(37.9)	1.7	(86.0)	4/2/19 0:30	18.3	3.6	0.0	20.8
4/1/19 11:45	5.4	(41.2)	3.2	(37.4)	4/2/19 0:45	(40.1)	(2.5)	(0.0)	(40.6)
4/1/19 12:00	(6.9)	(22.2)	(1.3)	(26.3)	4/2/19 1:00	18.6	(1.8)	0.0	18.3

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/2/19 1:15	3.2	6.8	(0.0)	8.7	4/2/19 14:15	(15.1)	(12.8)	22.1	(13.2)
4/2/19 1:30	(33.1)	15.5	0.0	(18.2)	4/2/19 14:30	(14.0)	17.3	31.1	34.2
4/2/19 1:45	12.6	6.4	0.0	16.0	4/2/19 14:45	(2.4)	(35.5)	(19.3)	(55.0)
4/2/19 2:00	(5.9)	2.8	0.0	(6.9)	4/2/19 15:00	3.9	(40.6)	8.5	(34.5)
4/2/19 2:15	(16.5)	(2.1)	0.0	(18.3)	4/2/19 15:15	7.3	(13.2)	2.9	(6.5)
4/2/19 2:30	15.7	(3.1)	0.0	13.9	4/2/19 15:30	7.1	(3.3)	23.7	28.0
4/2/19 2:45	3.3	2.7	0.0	5.5	4/2/19 15:45	4.5	4.6	(2.3)	3.5
4/2/19 3:00	(18.2)	8.1	0.0	(13.1)	4/2/19 16:00	21.3	1.0	17.8	39.6
4/2/19 3:15	20.3	(0.9)	0.0	20.0	4/2/19 16:15	38.2	7.0	1.9	45.1
4/2/19 3:30	23.2	1.0	0.0	23.3	4/2/19 16:30	16.8	(4.7)	(6.3)	9.1
4/2/19 3:45	13.1	15.9	0.0	29.0	4/2/19 16:45	8.1	(14.7)	13.2	(8.9)
4/2/19 4:00	(24.5)	20.2	0.0	(6.1)	4/2/19 17:00	16.2	(14.3)	6.3	6.4
4/2/19 4:15	23.5	5.3	0.0	28.3	4/2/19 17:15	8.3	(12.3)	(6.5)	(11.1)
4/2/19 4:30	16.4	3.9	0.0	20.3	4/2/19 17:30	13.5	(9.7)	3.0	5.5
4/2/19 4:45	21.9	12.9	0.0	34.9	4/2/19 17:45	(14.2)	(11.3)	9.4	(15.5)
4/2/19 5:00	36.6	13.9	0.0	50.5	4/2/19 18:00	6.8	(10.5)	8.2	4.1
4/2/19 5:15	31.4	2.9	0.0	31.7	4/2/19 18:15	30.8	(19.5)	13.4	24.7
4/2/19 5:30	38.4	(13.9)	0.0	24.5	4/2/19 18:30	14.0	(7.4)	7.8	15.2
4/2/19 5:45	38.9	(13.2)	0.0	25.8	4/2/19 18:45	(8.4)	6.8	4.2	16.0
4/2/19 6:00	52.7	3.4	0.0	54.7	4/2/19 19:00	7.8	2.4	2.7	8.9
4/2/19 6:15	50.7	6.2	0.0	56.9	4/2/19 19:15	19.4	(6.3)	1.6	15.0
4/2/19 6:30	36.3	1.8	0.0	37.8	4/2/19 19:30	40.7	(10.3)	0.3	30.7
4/2/19 6:45	24.6	10.2	(0.3)	34.5	4/2/19 19:45	3.9	(30.6)	(0.0)	(30.1)
4/2/19 7:00	20.2	12.4	(2.8)	29.7	4/2/19 20:00	13.5	(45.0)	0.0	(35.5)
4/2/19 7:15	11.7	11.5	(9.0)	14.2	4/2/19 20:15	(13.8)	(40.0)	0.0	(53.8)
4/2/19 7:30	2.5	4.0	(11.6)	(8.1)	4/2/19 20:30	(37.0)	(31.6)	0.0	(68.6)
4/2/19 7:45	(2.0)	(20.3)	(17.2)	(37.6)	4/2/19 20:45	(6.4)	(33.1)	(0.0)	(33.8)
4/2/19 8:00	7.6	(23.5)	(7.8)	(23.6)	4/2/19 21:00	(13.7)	(25.9)	0.0	(38.9)
4/2/19 8:15	8.2	10.2	(17.0)	(4.5)	4/2/19 21:15	11.1	(14.6)	(0.0)	(6.6)
4/2/19 8:30	3.0	13.2	(14.9)	5.3	4/2/19 21:30	(15.1)	1.7	0.0	(14.4)
4/2/19 8:45	3.1	5.3	(12.7)	(4.3)	4/2/19 21:45	(35.9)	15.7	(0.0)	(20.8)
4/2/19 9:00	3.7	(15.4)	(16.4)	(28.4)	4/2/19 22:00	(49.3)	(9.4)	0.0	(58.3)
4/2/19 9:15	(5.1)	(27.2)	2.7	(29.6)	4/2/19 22:15	(44.5)	(4.6)	(0.0)	(49.1)
4/2/19 9:30	(11.9)	(23.8)	(9.5)	(45.2)	4/2/19 22:30	(36.7)	17.6	(0.0)	(19.2)
4/2/19 9:45	(17.4)	(38.1)	2.4	(53.2)	4/2/19 22:45	(18.9)	12.0	0.0	(7.3)
4/2/19 10:00	(1.2)	(50.7)	2.0	(51.5)	4/2/19 23:00	(41.7)	16.5	(0.0)	(25.2)
4/2/19 10:15	(12.7)	(26.7)	(4.9)	(44.3)	4/2/19 23:15	(11.4)	29.6	(0.0)	22.6
4/2/19 10:30	(16.9)	(17.9)	3.7	(31.5)	4/2/19 23:30	(20.2)	(3.2)	(0.0)	(21.8)
4/2/19 10:45	(3.6)	(8.7)	4.2	(12.6)	4/2/19 23:45	(28.3)	16.5	0.0	(11.9)
4/2/19 11:00	(3.5)	(27.7)	(12.4)	(41.6)	4/3/19 0:00	(19.7)	73.8	(0.0)	54.1
4/2/19 11:15	(4.5)	(29.3)	(0.7)	(32.7)	4/3/19 0:15	(19.7)	(14.0)	0.0	(33.5)
4/2/19 11:30	(15.5)	(6.7)	4.9	(17.3)	4/3/19 0:30	(19.7)	24.2	(0.0)	9.1
4/2/19 11:45	(21.3)	(10.8)	3.0	(29.2)	4/3/19 0:45	(35.8)	54.5	(0.0)	23.0
4/2/19 12:00	(14.4)	(25.1)	2.8	(33.0)	4/3/19 1:00	12.4	8.4	0.0	17.9
4/2/19 12:15	19.6	(34.0)	(2.4)	(18.7)	4/3/19 1:15	11.0	5.9	(0.0)	15.6
4/2/19 12:30	(15.2)	(27.8)	6.3	(36.7)	4/3/19 1:30	(35.6)	6.1	0.0	(30.5)
4/2/19 12:45	3.6	(37.9)	(4.4)	(39.4)	4/3/19 1:45	23.7	(5.3)	0.0	19.0
4/2/19 13:00	(2.0)	(17.9)	(2.6)	(22.3)	4/3/19 2:00	6.0	(6.4)	0.0	4.9
4/2/19 13:15	(6.3)	(22.7)	(1.4)	(28.8)	4/3/19 2:15	(17.5)	10.7	(0.0)	(8.9)
4/2/19 13:30	(10.8)	(40.1)	(4.3)	(54.4)	4/3/19 2:30	17.8	24.3	(0.0)	38.5
4/2/19 13:45	(19.9)	(24.3)	(1.9)	(45.0)	4/3/19 2:45	14.3	5.4	(0.0)	18.3
4/2/19 14:00	(5.4)	(9.2)	(8.9)	(22.8)	4/3/19 3:00	(9.8)	11.0	0.0	5.1

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/3/19 3:15	(22.0)	13.0	0.0	(9.6)	4/3/19 16:15	(13.1)	(32.1)	13.8	(29.8)
4/3/19 3:30	22.1	(9.5)	(0.0)	12.7	4/3/19 16:30	33.7	(9.6)	16.8	40.8
4/3/19 3:45	8.5	(6.3)	0.0	3.3	4/3/19 16:45	17.0	(32.3)	(1.1)	(16.3)
4/3/19 4:00	(12.1)	(7.0)	(0.0)	(10.0)	4/3/19 17:00	(21.2)	13.0	12.0	7.3
4/3/19 4:15	18.7	12.3	0.0	24.4	4/3/19 17:15	25.4	(4.1)	14.0	35.6
4/3/19 4:30	21.7	48.0	(0.0)	69.7	4/3/19 17:30	23.7	23.9	(1.9)	47.0
4/3/19 4:45	(9.4)	34.3	(0.0)	33.3	4/3/19 17:45	(9.8)	46.1	(14.2)	27.7
4/3/19 5:00	35.2	(3.1)	0.0	35.0	4/3/19 18:00	(4.4)	(5.9)	(10.0)	(16.4)
4/3/19 5:15	49.2	40.1	0.0	89.3	4/3/19 18:15	(12.8)	(7.2)	8.4	(10.9)
4/3/19 5:30	22.4	32.0	(0.0)	54.4	4/3/19 18:30	2.6	(19.9)	19.2	(2.9)
4/3/19 5:45	49.0	58.6	(0.0)	107.6	4/3/19 18:45	(16.4)	(6.0)	10.8	(9.9)
4/3/19 6:00	52.0	58.4	(0.0)	110.4	4/3/19 19:00	18.4	(19.3)	9.6	16.5
4/3/19 6:15	27.2	38.5	0.0	65.7	4/3/19 19:15	11.1	(15.2)	2.1	14.0
4/3/19 6:30	36.0	54.5	(0.0)	90.4	4/3/19 19:30	18.2	33.6	0.6	52.4
4/3/19 6:45	12.9	28.7	(0.2)	36.9	4/3/19 19:45	44.8	13.6	(0.0)	57.9
4/3/19 7:00	22.8	45.2	(1.4)	66.6	4/3/19 20:00	9.6	27.8	(0.0)	37.4
4/3/19 7:15	(6.0)	11.3	(2.9)	6.0	4/3/19 20:15	(26.4)	20.1	(0.0)	(13.9)
4/3/19 7:30	21.4	26.1	(5.4)	42.1	4/3/19 20:30	(21.2)	3.5	(0.0)	(19.1)
4/3/19 7:45	(4.1)	52.0	(6.5)	42.2	4/3/19 20:45	(9.0)	11.5	0.0	12.2
4/3/19 8:00	(25.7)	54.7	(4.2)	24.8	4/3/19 21:00	(25.1)	(5.3)	0.0	(29.5)
4/3/19 8:15	14.8	31.6	1.0	42.9	4/3/19 21:15	(47.8)	(10.3)	0.0	(58.0)
4/3/19 8:30	(8.2)	44.6	(5.1)	32.4	4/3/19 21:30	(9.2)	(4.2)	0.0	(12.2)
4/3/19 8:45	(23.2)	13.6	(9.1)	(29.0)	4/3/19 21:45	(32.5)	(6.1)	(0.0)	(38.6)
4/3/19 9:00	(10.5)	(23.9)	7.7	(20.3)	4/3/19 22:00	(58.5)	(2.9)	(0.0)	(61.3)
4/3/19 9:15	(3.0)	8.9	2.6	11.5	4/3/19 22:15	(16.3)	(27.7)	(0.0)	(39.8)
4/3/19 9:30	(22.0)	11.5	0.9	(15.4)	4/3/19 22:30	(29.8)	(15.8)	0.0	(40.1)
4/3/19 9:45	(15.6)	17.5	(4.1)	10.3	4/3/19 22:45	(33.9)	47.9	(0.0)	17.8
4/3/19 10:00	25.3	13.7	(16.5)	22.0	4/3/19 23:00	(33.7)	25.8	(0.0)	(9.4)
4/3/19 10:15	3.4	24.4	(2.4)	24.6	4/3/19 23:15	(28.2)	3.8	(0.0)	(24.9)
4/3/19 10:30	(25.4)	19.5	3.0	(9.4)	4/3/19 23:30	(26.0)	22.2	(0.0)	(6.7)
4/3/19 10:45	22.3	6.0	(6.5)	21.8	4/3/19 23:45	(28.1)	37.0	0.0	19.6
4/3/19 11:00	13.6	(7.3)	(8.6)	(7.1)	4/4/19 0:00	(12.8)	17.8	(0.0)	11.8
4/3/19 11:15	(17.4)	11.8	(2.3)	(11.5)	4/4/19 0:15	(14.6)	15.0	0.0	5.2
4/3/19 11:30	10.8	10.6	(6.5)	12.0	4/4/19 0:30	(16.8)	20.5	(0.0)	13.3
4/3/19 11:45	(11.4)	(1.6)	(10.6)	(23.3)	4/4/19 0:45	(11.2)	7.9	(0.0)	6.2
4/3/19 12:00	(19.9)	1.0	3.2	(17.3)	4/4/19 1:00	(17.8)	8.5	0.0	(10.5)
4/3/19 12:15	12.2	(1.9)	2.9	12.8	4/4/19 1:15	(13.4)	6.5	0.0	(8.5)
4/3/19 12:30	(7.1)	6.9	(13.4)	(13.4)	4/4/19 1:30	16.0	6.4	0.0	22.4
4/3/19 12:45	(17.7)	(2.1)	9.9	(9.9)	4/4/19 1:45	(3.3)	(3.4)	0.0	(5.4)
4/3/19 13:00	(13.1)	(5.3)	1.1	(15.7)	4/4/19 2:00	(24.8)	(5.1)	(0.0)	(29.2)
4/3/19 13:15	6.3	(6.5)	(9.1)	(17.7)	4/4/19 2:15	25.0	(20.0)	(0.0)	13.9
4/3/19 13:30	(6.2)	(5.5)	(6.5)	(13.3)	4/4/19 2:30	1.8	(16.1)	(0.0)	(14.4)
4/3/19 13:45	(33.9)	(1.6)	7.3	(28.4)	4/4/19 2:45	(22.5)	(13.5)	0.0	(36.0)
4/3/19 14:00	35.6	(8.2)	13.3	40.6	4/4/19 3:00	24.8	(27.8)	0.0	(7.2)
4/3/19 14:15	8.9	(12.5)	11.8	9.6	4/4/19 3:15	57.9	(25.6)	(0.0)	32.3
4/3/19 14:30	(22.9)	(17.5)	(3.4)	(43.4)	4/4/19 3:30	(31.0)	(18.2)	0.0	(48.8)
4/3/19 14:45	11.7	(11.8)	(0.9)	(7.4)	4/4/19 3:45	27.8	(5.2)	(0.0)	22.6
4/3/19 15:00	(2.1)	(23.5)	(12.0)	(36.0)	4/4/19 4:00	13.5	(3.4)	0.0	10.2
4/3/19 15:15	(13.6)	(41.2)	(17.0)	(71.4)	4/4/19 4:15	11.2	(13.8)	(0.0)	(15.0)
4/3/19 15:30	20.0	(39.0)	3.6	(16.6)	4/4/19 4:30	31.1	(25.4)	0.0	14.5
4/3/19 15:45	18.4	(30.9)	3.4	(15.3)	4/4/19 4:45	22.6	10.6	0.0	32.7
4/3/19 16:00	12.4	(5.8)	(1.7)	(11.7)	4/4/19 5:00	9.9	(6.3)	(0.0)	8.9

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/4/19 5:15	7.3	(4.2)	0.0	(7.2)	4/4/19 18:15	(24.6)	(5.6)	10.3	(22.4)
4/4/19 5:30	37.2	(16.9)	(0.0)	22.9	4/4/19 18:30	23.2	(3.4)	21.5	38.5
4/4/19 5:45	32.2	(3.0)	(0.0)	29.7	4/4/19 18:45	11.4	(38.8)	8.1	(22.7)
4/4/19 6:00	50.8	4.6	(0.0)	55.4	4/4/19 19:00	(11.7)	(61.1)	4.0	(61.8)
4/4/19 6:15	60.1	2.3	0.0	62.4	4/4/19 19:15	(21.9)	(69.4)	2.3	(74.5)
4/4/19 6:30	18.4	12.8	(0.0)	26.3	4/4/19 19:30	49.5	(46.3)	0.6	6.4
4/4/19 6:45	21.7	18.7	(0.7)	39.2	4/4/19 19:45	51.7	(28.6)	0.1	23.2
4/4/19 7:00	41.7	12.3	(4.3)	49.7	4/4/19 20:00	(24.7)	(23.7)	0.0	(46.5)
4/4/19 7:15	(3.7)	6.6	(13.7)	(8.4)	4/4/19 20:15	25.2	(45.9)	0.0	(22.7)
4/4/19 7:30	(40.0)	9.1	(18.0)	(48.9)	4/4/19 20:30	(6.0)	(45.3)	(0.0)	(51.3)
4/4/19 7:45	17.3	6.3	(19.5)	(11.6)	4/4/19 20:45	(38.1)	(32.8)	0.0	(70.9)
4/4/19 8:00	(11.7)	7.0	(22.3)	(25.1)	4/4/19 21:00	(14.4)	(48.4)	0.0	(62.8)
4/4/19 8:15	(28.2)	(6.9)	(22.5)	(57.3)	4/4/19 21:15	(14.5)	(34.8)	(0.0)	(49.3)
4/4/19 8:30	(20.5)	(6.0)	(18.6)	(38.9)	4/4/19 21:30	(49.8)	(5.8)	0.0	(55.5)
4/4/19 8:45	7.3	5.8	(3.9)	10.6	4/4/19 21:45	(28.5)	(1.9)	(0.0)	(30.2)
4/4/19 9:00	11.9	8.9	(6.8)	19.3	4/4/19 22:00	(32.1)	9.2	(0.0)	(24.0)
4/4/19 9:15	(26.7)	11.2	(11.5)	(27.2)	4/4/19 22:15	(37.6)	16.0	0.0	(21.6)
4/4/19 9:30	22.3	8.7	(1.5)	24.7	4/4/19 22:30	(30.1)	12.4	(0.0)	(22.1)
4/4/19 9:45	12.6	(18.8)	0.3	(14.5)	4/4/19 22:45	17.1	11.6	0.0	24.8
4/4/19 10:00	(15.4)	(21.7)	(1.3)	(37.8)	4/4/19 23:00	(33.8)	8.3	(0.0)	(25.4)
4/4/19 10:15	(32.9)	(4.5)	2.7	(34.5)	4/4/19 23:15	(23.1)	16.6	(0.0)	(11.0)
4/4/19 10:30	6.8	(14.5)	(1.8)	(9.8)	4/4/19 23:30	(14.9)	25.1	0.0	14.1
4/4/19 10:45	2.2	(22.4)	(1.5)	(22.2)	4/4/19 23:45	(30.2)	7.0	0.0	(23.2)
4/4/19 11:00	(19.6)	(41.6)	4.8	(55.6)	4/5/19 0:00	(36.7)	15.6	(0.0)	(24.6)
4/4/19 11:15	(5.2)	(48.4)	(2.2)	(53.0)	4/5/19 0:15	(9.1)	19.8	(0.0)	15.9
4/4/19 11:30	31.4	(8.6)	6.8	34.1	4/5/19 0:30	(18.9)	11.0	0.0	(12.7)
4/4/19 11:45	9.2	5.5	3.3	16.5	4/5/19 0:45	(37.2)	(8.0)	(0.0)	(45.2)
4/4/19 12:00	9.0	(3.6)	(2.8)	6.2	4/5/19 1:00	(7.1)	11.6	0.0	11.6
4/4/19 12:15	(12.5)	8.1	(2.1)	12.9	4/5/19 1:15	13.3	6.7	(0.0)	20.0
4/4/19 12:30	(17.5)	(3.3)	(2.3)	(22.3)	4/5/19 1:30	(26.4)	4.9	0.0	(22.0)
4/4/19 12:45	19.6	15.3	(1.8)	31.7	4/5/19 1:45	18.8	23.1	0.0	39.2
4/4/19 13:00	10.3	11.6	3.8	25.2	4/5/19 2:00	(3.8)	28.3	0.0	24.5
4/4/19 13:15	(27.7)	19.1	5.3	(12.3)	4/5/19 2:15	(22.0)	17.9	(0.0)	(13.8)
4/4/19 13:30	(32.6)	5.0	7.6	(21.7)	4/5/19 2:30	(17.0)	20.9	0.0	21.8
4/4/19 13:45	10.0	26.2	(11.7)	20.1	4/5/19 2:45	7.6	6.6	(0.0)	14.2
4/4/19 14:00	8.9	(7.3)	7.9	9.6	4/5/19 3:00	10.0	19.0	(0.0)	29.0
4/4/19 14:15	(12.1)	6.0	13.2	13.8	4/5/19 3:15	(11.7)	27.3	(0.0)	22.8
4/4/19 14:30	(4.5)	(5.6)	(1.4)	(10.6)	4/5/19 3:30	20.0	86.9	0.0	106.9
4/4/19 14:45	(3.5)	(6.9)	(1.9)	(12.3)	4/5/19 3:45	9.0	87.2	0.0	92.3
4/4/19 15:00	(3.5)	(6.9)	(2.0)	(12.4)	4/5/19 4:00	(58.5)	51.7	(0.0)	(11.5)
4/4/19 15:15	(2.1)	(1.9)	(2.5)	(5.7)	4/5/19 4:15	27.2	23.8	0.0	50.1
4/4/19 15:30	(40.6)	(18.3)	(12.6)	(71.6)	4/5/19 4:30	12.0	(12.5)	0.0	(5.3)
4/4/19 15:45	(5.5)	(23.4)	2.5	(23.1)	4/5/19 4:45	14.2	(4.0)	(0.0)	11.3
4/4/19 16:00	22.9	(12.6)	1.8	15.2	4/5/19 5:00	8.7	(2.3)	(0.0)	9.0
4/4/19 16:15	23.0	(23.1)	(2.5)	(9.0)	4/5/19 5:15	32.5	(9.5)	0.0	24.6
4/4/19 16:30	18.9	4.8	16.6	36.5	4/5/19 5:30	31.3	(15.6)	(0.0)	16.2
4/4/19 16:45	(27.1)	(7.2)	(12.8)	(35.3)	4/5/19 5:45	70.7	(7.6)	0.0	63.1
4/4/19 17:00	45.1	4.2	(14.1)	39.7	4/5/19 6:00	64.4	7.3	(0.0)	71.7
4/4/19 17:15	10.3	(12.5)	(9.5)	(8.5)	4/5/19 6:15	44.7	22.7	(0.0)	67.4
4/4/19 17:30	(10.6)	(13.7)	18.2	(8.4)	4/5/19 6:30	17.3	29.2	(0.0)	46.5
4/4/19 17:45	25.3	(7.1)	45.8	63.1	4/5/19 6:45	44.1	19.4	(0.1)	63.4
4/4/19 18:00	9.3	(16.1)	17.5	17.9	4/5/19 7:00	23.9	20.2	(2.0)	42.1

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/5/19 7:15	(15.3)	(3.9)	(4.2)	(21.3)	4/5/19 20:15	(30.7)	(51.7)	(0.0)	(80.8)
4/5/19 7:30	14.7	(13.2)	(5.3)	(5.7)	4/5/19 20:30	(34.4)	(46.0)	(0.0)	(80.4)
4/5/19 7:45	4.7	(1.5)	(8.3)	(4.1)	4/5/19 20:45	(12.9)	(123.4)	0.0	(136.2)
4/5/19 8:00	(15.5)	7.8	(10.8)	(17.8)	4/5/19 21:00	35.6	(105.1)	(0.0)	(69.5)
4/5/19 8:15	(15.0)	12.8	(14.3)	(14.9)	4/5/19 21:15	(16.3)	(58.0)	(0.0)	(73.5)
4/5/19 8:30	10.4	39.9	(18.5)	30.3	4/5/19 21:30	(41.6)	47.6	12.3	22.3
4/5/19 8:45	(15.4)	44.0	(13.4)	17.7	4/5/19 21:45	(40.3)	31.0	9.2	5.9
4/5/19 9:00	13.6	42.7	(10.4)	42.4	4/5/19 22:00	(5.8)	21.6	(0.0)	21.7
4/5/19 9:15	4.7	32.2	(7.3)	28.8	4/5/19 22:15	16.3	57.7	(0.0)	64.4
4/5/19 9:30	(29.0)	24.4	(3.9)	(12.9)	4/5/19 22:30	(26.5)	29.0	0.0	6.0
4/5/19 9:45	14.4	19.0	6.7	32.5	4/5/19 22:45	(28.4)	(38.4)	(0.0)	(66.8)
4/5/19 10:00	2.3	13.4	6.0	16.8	4/5/19 23:00	(42.5)	(19.4)	(0.0)	(62.0)
4/5/19 10:15	(9.4)	15.0	(11.1)	(6.3)	4/5/19 23:15	(10.4)	(55.1)	(0.0)	(58.4)
4/5/19 10:30	(12.2)	6.4	4.9	8.6	4/5/19 23:30	(25.7)	11.0	0.0	(26.1)
4/5/19 10:45	(5.1)	0.6	(3.2)	(6.3)	4/5/19 23:45	(23.5)	14.0	(0.0)	(14.6)
4/5/19 11:00	(22.4)	2.0	(1.4)	(21.8)	4/6/19 0:00	(18.5)	70.8	0.0	55.3
4/5/19 11:15	(17.3)	1.8	6.8	(18.3)	4/6/19 0:15	(11.1)	23.7	(0.0)	15.3
4/5/19 11:30	10.2	(0.7)	2.3	11.9	4/6/19 0:30	(30.5)	(29.0)	0.0	(59.5)
4/5/19 11:45	6.6	(0.8)	5.9	11.8	4/6/19 0:45	(15.8)	(76.5)	0.0	(87.6)
4/5/19 12:00	(17.6)	(7.1)	(14.0)	(38.2)	4/6/19 1:00	(28.8)	(49.5)	0.0	(78.3)
4/5/19 12:15	13.1	(9.6)	5.4	12.7	4/6/19 1:15	15.3	4.7	(0.0)	15.5
4/5/19 12:30	3.5	(6.1)	(4.0)	(10.1)	4/6/19 1:30	(26.2)	67.7	0.0	49.3
4/5/19 12:45	(12.1)	(13.2)	(5.2)	(24.8)	4/6/19 1:45	(8.2)	32.8	(0.0)	31.1
4/5/19 13:00	15.2	(5.5)	2.7	13.9	4/6/19 2:00	(4.3)	(8.9)	(0.0)	(12.8)
4/5/19 13:15	(1.7)	(10.4)	11.2	3.7	4/6/19 2:15	(27.4)	10.0	0.0	(20.7)
4/5/19 13:30	(18.5)	(17.8)	4.4	(32.6)	4/6/19 2:30	10.3	(3.7)	(0.0)	10.5
4/5/19 13:45	(8.0)	(18.7)	6.9	(17.6)	4/6/19 2:45	(4.5)	(8.7)	0.0	(11.5)
4/5/19 14:00	6.3	(13.5)	2.9	(6.0)	4/6/19 3:00	(22.8)	(4.6)	(0.0)	(24.8)
4/5/19 14:15	(11.5)	(23.8)	(6.4)	(33.5)	4/6/19 3:15	16.9	(9.0)	(0.0)	8.5
4/5/19 14:30	(11.3)	(20.1)	(4.5)	(29.8)	4/6/19 3:30	(8.9)	5.3	0.0	(8.7)
4/5/19 14:45	16.8	(38.3)	13.2	(16.2)	4/6/19 3:45	(18.8)	32.7	(0.0)	23.5
4/5/19 15:00	(15.0)	(40.1)	(2.8)	(57.7)	4/6/19 4:00	41.3	16.3	0.0	54.3
4/5/19 15:15	14.5	(49.0)	(13.3)	(60.2)	4/6/19 4:15	24.3	(14.1)	(0.0)	10.5
4/5/19 15:30	13.8	(68.0)	(8.1)	(65.8)	4/6/19 4:30	(11.0)	(8.0)	0.0	(12.0)
4/5/19 15:45	14.0	(43.2)	6.2	(23.8)	4/6/19 4:45	22.7	(19.1)	(0.0)	9.7
4/5/19 16:00	(35.7)	(38.8)	16.9	(57.6)	4/6/19 5:00	32.1	7.2	0.0	39.3
4/5/19 16:15	16.8	(68.7)	(4.8)	(60.0)	4/6/19 5:15	(19.8)	5.5	(0.0)	(14.4)
4/5/19 16:30	49.6	(57.1)	(19.4)	(27.9)	4/6/19 5:30	27.3	(2.9)	0.0	26.8
4/5/19 16:45	9.3	(19.1)	36.2	24.8	4/6/19 5:45	27.6	20.4	(0.0)	48.0
4/5/19 17:00	(8.7)	18.5	18.4	32.3	4/6/19 6:00	12.9	6.6	(0.0)	19.4
4/5/19 17:15	(12.0)	25.9	8.7	26.8	4/6/19 6:15	(31.2)	9.6	(0.0)	(30.1)
4/5/19 17:30	61.1	30.1	(2.5)	87.2	4/6/19 6:30	28.9	(45.5)	(0.0)	(16.6)
4/5/19 17:45	(27.5)	100.6	2.5	80.1	4/6/19 6:45	17.3	(39.1)	0.0	(21.8)
4/5/19 18:00	(28.4)	70.3	(0.8)	42.2	4/6/19 7:00	19.2	(8.8)	(1.2)	11.1
4/5/19 18:15	(10.2)	8.2	(1.0)	(7.9)	4/6/19 7:15	8.0	7.9	(3.9)	12.1
4/5/19 18:30	13.6	12.8	6.9	32.3	4/6/19 7:30	(24.6)	3.2	(9.6)	(33.8)
4/5/19 18:45	(28.2)	22.4	3.8	(7.2)	4/6/19 7:45	(20.6)	22.6	(11.1)	(20.6)
4/5/19 19:00	16.1	(3.4)	2.0	19.1	4/6/19 8:00	7.1	55.4	(30.1)	30.8
4/5/19 19:15	13.5	(26.5)	1.4	(13.6)	4/6/19 8:15	5.3	58.7	(18.9)	44.3
4/5/19 19:30	5.2	(19.1)	0.2	(17.7)	4/6/19 8:30	(25.7)	18.6	(31.0)	(38.1)
4/5/19 19:45	51.8	(41.7)	0.0	15.6	4/6/19 8:45	(14.1)	(15.1)	(19.3)	(28.5)
4/5/19 20:00	15.4	(50.5)	0.0	(35.1)	4/6/19 9:00	45.4	(45.1)	4.4	15.8

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/6/19 9:15	24.8	(8.0)	(2.9)	20.4	4/6/19 22:15	(29.0)	(17.8)	0.0	(46.8)
4/6/19 9:30	8.7	9.3	(8.8)	9.2	4/6/19 22:30	(23.2)	6.0	0.0	(19.1)
4/6/19 9:45	(31.5)	(18.5)	(6.0)	(55.9)	4/6/19 22:45	(28.3)	(78.8)	0.0	(107.1)
4/6/19 10:00	25.9	(11.7)	(1.2)	22.4	4/6/19 23:00	(41.1)	(94.4)	(0.0)	(135.5)
4/6/19 10:15	10.0	(6.4)	1.4	8.6	4/6/19 23:15	(37.4)	(65.0)	(0.0)	(102.5)
4/6/19 10:30	14.1	(5.8)	(1.4)	8.0	4/6/19 23:30	(21.4)	(78.7)	(0.0)	(100.1)
4/6/19 10:45	(18.6)	24.2	(0.2)	6.1	4/6/19 23:45	(17.4)	(114.4)	0.0	(126.4)
4/6/19 11:00	15.8	41.7	1.7	56.1	4/7/19 0:00	24.3	34.3	(0.0)	52.2
4/6/19 11:15	2.5	57.1	(0.7)	59.1	4/7/19 0:15	(8.6)	(65.5)	(0.0)	(67.6)
4/6/19 11:30	(15.2)	45.6	17.9	49.3	4/7/19 0:30	12.1	(19.4)	0.1	14.4
4/6/19 11:45	(14.0)	52.0	(10.8)	40.9	4/7/19 0:45	(17.5)	88.1	0.0	70.6
4/6/19 12:00	14.8	62.1	(5.3)	69.6	4/7/19 1:00	(28.2)	7.1	0.0	(27.5)
4/6/19 12:15	7.5	54.4	(2.4)	54.5	4/7/19 1:15	13.0	12.3	(0.0)	12.0
4/6/19 12:30	(26.7)	57.0	12.1	43.4	4/7/19 1:30	(7.0)	12.5	0.0	11.3
4/6/19 12:45	25.9	38.2	(6.3)	60.4	4/7/19 1:45	(9.1)	(21.1)	0.0	(29.6)
4/6/19 13:00	(5.0)	30.2	8.3	35.2	4/7/19 2:00	(21.6)	(6.0)	(0.0)	(25.5)
4/6/19 13:15	7.3	16.9	5.6	28.0	4/7/19 2:15	8.9	5.4	0.0	13.4
4/6/19 13:30	18.3	12.6	(6.1)	27.4	4/7/19 2:30	(7.7)	(25.5)	(0.0)	(30.4)
4/6/19 13:45	(3.8)	33.6	12.1	41.9	4/7/19 2:45	(19.2)	8.6	0.0	(18.9)
4/6/19 14:00	4.5	5.0	8.0	13.4	4/7/19 3:00	(19.6)	20.6	0.0	20.5
4/6/19 14:15	(18.7)	(41.9)	19.4	(39.0)	4/7/19 3:15	16.1	(8.0)	0.0	8.5
4/6/19 14:30	18.5	10.4	(8.5)	18.7	4/7/19 3:30	(20.6)	(3.1)	0.0	(23.4)
4/6/19 14:45	14.5	18.7	(8.1)	28.2	4/7/19 3:45	20.8	(33.2)	(0.0)	(18.6)
4/6/19 15:00	(27.1)	(42.8)	34.9	(35.1)	4/7/19 4:00	11.3	(25.3)	(0.0)	(15.2)
4/6/19 15:15	13.5	23.5	(36.8)	(8.3)	4/7/19 4:15	10.8	(15.6)	(0.0)	(15.0)
4/6/19 15:30	7.4	(11.0)	11.1	7.4	4/7/19 4:30	12.7	(5.1)	0.0	10.4
4/6/19 15:45	(23.0)	(5.7)	(8.0)	(34.5)	4/7/19 4:45	14.0	2.4	(0.0)	15.8
4/6/19 16:00	15.8	35.0	7.4	55.5	4/7/19 5:00	10.8	(15.8)	0.0	(10.3)
4/6/19 16:15	3.4	15.0	3.8	17.2	4/7/19 5:15	12.1	8.3	0.0	20.4
4/6/19 16:30	(17.2)	(74.4)	10.9	(80.1)	4/7/19 5:30	24.2	10.2	0.0	31.2
4/6/19 16:45	30.2	(63.6)	(16.4)	(49.8)	4/7/19 5:45	16.4	(21.0)	(0.0)	(9.3)
4/6/19 17:00	11.0	(56.6)	6.9	(39.4)	4/7/19 6:00	11.9	23.3	(0.0)	27.7
4/6/19 17:15	(10.4)	(23.9)	15.2	(15.3)	4/7/19 6:15	28.1	30.8	(0.0)	58.9
4/6/19 17:30	27.0	32.3	3.4	62.0	4/7/19 6:30	3.2	11.5	(0.0)	14.4
4/6/19 17:45	5.5	39.5	16.9	62.0	4/7/19 6:45	(17.5)	(49.5)	(1.2)	(67.7)
4/6/19 18:00	(18.4)	51.5	9.5	44.8	4/7/19 7:00	32.9	(11.7)	(7.4)	26.1
4/6/19 18:15	(14.0)	(19.1)	11.5	(7.0)	4/7/19 7:15	28.2	16.1	(19.2)	27.1
4/6/19 18:30	5.2	(44.7)	5.2	(36.6)	4/7/19 7:30	(25.0)	22.5	(17.7)	(26.2)
4/6/19 18:45	(6.0)	(20.9)	9.8	(12.9)	4/7/19 7:45	20.5	32.0	(18.7)	33.8
4/6/19 19:00	(14.4)	(46.2)	1.5	(55.7)	4/7/19 8:00	15.7	23.7	(18.2)	21.3
4/6/19 19:15	36.3	(46.2)	3.6	(11.0)	4/7/19 8:15	(24.8)	8.4	(11.1)	(30.4)
4/6/19 19:30	45.1	19.3	1.9	59.6	4/7/19 8:30	9.6	(33.0)	(25.4)	(55.2)
4/6/19 19:45	8.5	29.2	0.1	29.7	4/7/19 8:45	27.8	58.6	(12.4)	74.1
4/6/19 20:00	17.3	(13.4)	(0.0)	8.9	4/7/19 9:00	12.9	(22.0)	14.7	12.5
4/6/19 20:15	16.6	31.5	0.0	45.9	4/7/19 9:15	(24.9)	34.4	(14.5)	(14.2)
4/6/19 20:30	(33.2)	(3.9)	(0.0)	(34.0)	4/7/19 9:30	11.8	49.0	1.7	53.0
4/6/19 20:45	(15.5)	29.5	0.0	27.5	4/7/19 9:45	10.7	(15.2)	10.1	(9.0)
4/6/19 21:00	(13.9)	23.2	0.0	13.6	4/7/19 10:00	(65.4)	47.0	41.8	24.4
4/6/19 21:15	(36.6)	22.2	(0.0)	(23.7)	4/7/19 10:15	14.6	25.3	1.2	32.6
4/6/19 21:30	(34.6)	(48.4)	(0.0)	(83.0)	4/7/19 10:30	11.9	26.7	2.9	38.1
4/6/19 21:45	12.0	(17.5)	(0.0)	(15.0)	4/7/19 10:45	(1.7)	22.6	(20.2)	15.3
4/6/19 22:00	(16.2)	(22.8)	(0.0)	(38.7)	4/7/19 11:00	(13.3)	24.2	(37.5)	(33.8)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/7/19 11:15	19.9	58.3	(1.9)	76.1	4/8/19 0:15	39.7	(45.7)	(0.0)	(29.3)
4/7/19 11:30	(5.1)	40.1	0.3	35.2	4/8/19 0:30	(7.0)	10.4	(0.0)	6.0
4/7/19 11:45	(21.7)	23.0	(1.4)	(12.1)	4/8/19 0:45	(31.0)	(9.1)	0.0	(37.1)
4/7/19 12:00	17.3	(88.9)	(1.2)	(74.2)	4/8/19 1:00	10.4	61.1	0.0	63.6
4/7/19 12:15	3.0	(10.2)	(0.3)	(8.2)	4/8/19 1:15	(6.0)	21.7	(0.0)	16.9
4/7/19 12:30	(28.1)	48.7	(0.3)	23.2	4/8/19 1:30	(26.4)	(6.9)	0.0	(33.3)
4/7/19 12:45	(5.5)	66.1	0.3	63.0	4/8/19 1:45	12.1	23.8	(0.0)	33.4
4/7/19 13:00	22.3	50.5	0.2	72.3	4/8/19 2:00	2.6	18.1	0.0	20.6
4/7/19 13:15	(10.6)	45.4	0.1	42.5	4/8/19 2:15	(19.2)	12.0	(0.0)	(10.5)
4/7/19 13:30	(25.3)	23.1	0.1	7.5	4/8/19 2:30	(8.3)	(13.4)	0.0	(15.4)
4/7/19 13:45	30.6	15.2	0.1	45.9	4/8/19 2:45	16.7	(4.4)	0.0	12.9
4/7/19 14:00	18.0	31.3	0.4	49.5	4/8/19 3:00	(10.5)	(2.5)	0.0	(11.1)
4/7/19 14:15	(9.6)	6.8	1.0	6.6	4/8/19 3:15	(19.6)	9.5	0.0	(13.3)
4/7/19 14:30	(32.7)	4.4	(0.4)	(32.2)	4/8/19 3:30	(1.0)	3.7	(0.0)	3.0
4/7/19 14:45	25.6	(22.3)	(0.7)	11.4	4/8/19 3:45	9.4	9.5	(0.0)	18.9
4/7/19 15:00	9.1	(13.5)	4.6	(3.2)	4/8/19 4:00	38.4	(14.4)	0.0	32.9
4/7/19 15:15	(18.6)	3.6	1.5	(15.9)	4/8/19 4:15	26.7	(39.2)	(0.0)	(16.9)
4/7/19 15:30	21.0	(16.1)	2.7	11.9	4/8/19 4:30	20.6	7.4	0.0	27.6
4/7/19 15:45	22.1	(31.1)	(1.4)	(11.4)	4/8/19 4:45	(10.9)	29.2	(0.0)	27.2
4/7/19 16:00	(15.3)	(11.8)	(5.7)	(25.7)	4/8/19 5:00	45.8	6.7	0.0	52.5
4/7/19 16:15	46.5	6.6	2.7	55.4	4/8/19 5:15	40.3	15.4	0.0	55.8
4/7/19 16:30	17.5	(16.3)	3.7	8.4	4/8/19 5:30	12.1	5.7	0.0	14.1
4/7/19 16:45	15.3	(34.0)	7.8	(24.3)	4/8/19 5:45	15.2	(14.9)	(0.1)	(14.2)
4/7/19 17:00	18.0	(19.6)	12.4	15.1	4/8/19 6:00	57.3	(38.4)	0.0	18.9
4/7/19 17:15	30.9	(5.9)	18.6	46.0	4/8/19 6:15	29.3	(63.0)	0.0	(33.7)
4/7/19 17:30	20.4	(15.0)	9.6	15.4	4/8/19 6:30	41.1	(30.0)	(0.0)	11.6
4/7/19 17:45	20.8	(58.8)	12.8	(26.3)	4/8/19 6:45	21.3	3.9	(1.7)	19.1
4/7/19 18:00	13.0	(50.9)	18.5	(20.3)	4/8/19 7:00	23.2	25.9	(7.8)	38.8
4/7/19 18:15	(7.0)	(49.5)	6.1	(50.4)	4/8/19 7:15	47.8	12.4	(18.4)	41.8
4/7/19 18:30	(10.1)	(13.9)	21.2	13.9	4/8/19 7:30	(14.3)	46.6	(18.9)	22.5
4/7/19 18:45	13.6	8.0	17.1	38.7	4/8/19 7:45	(39.6)	73.0	(26.2)	11.9
4/7/19 19:00	5.3	6.4	5.3	15.8	4/8/19 8:00	30.4	67.0	(23.4)	73.9
4/7/19 19:15	(18.7)	(28.1)	1.9	(35.5)	4/8/19 8:15	9.2	17.1	(19.7)	13.9
4/7/19 19:30	52.2	(18.7)	2.1	38.9	4/8/19 8:30	(22.7)	(16.5)	(15.4)	(54.6)
4/7/19 19:45	37.1	30.9	0.1	68.1	4/8/19 8:45	15.2	(32.8)	(1.8)	(31.1)
4/7/19 20:00	(27.8)	13.4	(0.0)	(15.4)	4/8/19 9:00	9.2	5.3	(0.5)	10.9
4/7/19 20:15	39.6	(12.8)	0.0	31.1	4/8/19 9:15	(14.9)	(26.2)	0.4	(34.0)
4/7/19 20:30	(8.5)	(31.0)	0.0	(39.5)	4/8/19 9:30	16.6	3.3	(0.7)	17.7
4/7/19 20:45	(35.9)	(41.4)	0.0	(77.4)	4/8/19 9:45	19.1	7.2	(3.4)	21.6
4/7/19 21:00	(15.9)	(19.5)	(0.0)	(35.4)	4/8/19 10:00	8.3	26.6	1.3	34.3
4/7/19 21:15	(31.7)	(2.7)	0.0	(31.7)	4/8/19 10:15	(37.0)	22.2	3.6	(15.3)
4/7/19 21:30	(41.9)	3.8	(0.0)	(38.1)	4/8/19 10:30	34.2	12.6	0.7	46.8
4/7/19 21:45	(25.0)	2.0	(0.0)	(26.1)	4/8/19 10:45	2.9	15.3	5.1	22.9
4/7/19 22:00	(31.8)	6.9	0.0	(26.9)	4/8/19 11:00	(26.2)	23.5	(0.8)	(12.4)
4/7/19 22:15	(41.8)	(18.8)	0.0	(60.5)	4/8/19 11:15	22.2	74.5	12.6	101.5
4/7/19 22:30	(17.4)	(19.4)	(0.0)	(34.1)	4/8/19 11:30	13.8	33.8	3.8	49.2
4/7/19 22:45	(49.1)	(2.7)	0.0	(50.8)	4/8/19 11:45	(33.2)	7.2	(7.1)	(35.8)
4/7/19 23:00	(19.1)	(5.2)	(0.0)	(22.9)	4/8/19 12:00	20.7	(12.4)	(7.4)	(8.8)
4/7/19 23:15	(51.4)	4.3	(0.0)	(47.1)	4/8/19 12:15	8.4	(7.6)	5.7	16.7
4/7/19 23:30	(11.1)	(4.0)	0.0	(14.7)	4/8/19 12:30	(12.5)	26.0	10.2	27.4
4/7/19 23:45	(18.8)	(19.7)	(0.0)	(38.5)	4/8/19 12:45	(12.3)	43.5	1.9	34.6
4/8/19 0:00	(20.8)	(4.1)	(0.0)	(19.4)	4/8/19 13:00	17.4	34.0	2.9	52.3

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/8/19 13:15	(9.4)	20.1	(6.1)	12.5	4/9/19 2:15	10.2	(39.9)	(0.0)	(34.0)
4/8/19 13:30	(4.6)	(8.4)	(16.8)	(19.6)	4/9/19 2:30	(6.4)	(49.1)	0.0	(51.8)
4/8/19 13:45	(3.0)	(18.6)	(0.7)	(21.4)	4/9/19 2:45	(16.0)	(22.4)	(0.0)	(36.7)
4/8/19 14:00	12.6	8.6	(1.0)	20.4	4/9/19 3:00	10.2	(4.4)	(0.0)	6.1
4/8/19 14:15	(6.3)	11.0	4.2	11.2	4/9/19 3:15	5.1	11.5	0.0	14.9
4/8/19 14:30	7.9	15.1	3.6	24.5	4/9/19 3:30	(27.4)	18.7	0.0	(10.4)
4/8/19 14:45	5.2	(22.4)	(4.2)	(21.7)	4/9/19 3:45	24.5	23.4	(0.0)	47.9
4/8/19 15:00	5.1	24.6	3.5	32.1	4/9/19 4:00	11.0	14.5	(0.0)	25.4
4/8/19 15:15	18.0	35.9	(6.5)	47.5	4/9/19 4:15	(10.1)	6.7	0.0	12.5
4/8/19 15:30	6.1	5.4	2.9	10.0	4/9/19 4:30	14.8	4.7	(0.0)	16.5
4/8/19 15:45	5.0	15.2	10.7	30.0	4/9/19 4:45	37.9	(9.6)	0.0	28.3
4/8/19 16:00	27.7	22.3	(3.6)	46.4	4/9/19 5:00	28.8	(10.8)	(0.0)	18.0
4/8/19 16:15	6.5	12.5	5.8	23.3	4/9/19 5:15	24.5	(22.0)	0.0	5.4
4/8/19 16:30	(20.9)	7.4	1.4	(22.2)	4/9/19 5:30	47.9	(32.8)	0.0	15.5
4/8/19 16:45	12.7	(23.2)	9.0	(17.0)	4/9/19 5:45	45.6	(19.8)	(0.0)	25.8
4/8/19 17:00	(20.9)	(27.0)	10.1	(37.9)	4/9/19 6:00	18.8	(18.2)	(0.0)	10.7
4/8/19 17:15	21.7	(3.6)	21.5	42.7	4/9/19 6:15	76.2	(10.0)	0.0	66.1
4/8/19 17:30	(22.3)	11.8	(12.2)	(22.7)	4/9/19 6:30	43.1	(10.5)	(0.0)	32.6
4/8/19 17:45	20.7	11.7	21.2	53.0	4/9/19 6:45	41.9	(16.9)	(1.0)	24.3
4/8/19 18:00	16.3	(6.2)	18.3	27.8	4/9/19 7:00	(10.3)	(17.8)	(3.0)	(28.7)
4/8/19 18:15	(35.0)	(18.3)	19.2	(34.1)	4/9/19 7:15	(41.8)	(10.7)	(3.9)	(51.3)
4/8/19 18:30	29.0	(16.9)	9.7	21.8	4/9/19 7:30	(21.5)	(17.5)	(8.0)	(34.4)
4/8/19 18:45	(4.3)	(14.9)	4.3	(12.7)	4/9/19 7:45	(8.7)	2.8	(18.2)	(19.5)
4/8/19 19:00	(18.9)	(3.0)	12.4	(13.9)	4/9/19 8:00	18.1	(3.7)	(9.6)	13.8
4/8/19 19:15	20.5	(8.5)	5.6	17.6	4/9/19 8:15	15.3	18.2	(15.6)	18.0
4/8/19 19:30	43.6	(26.3)	1.3	19.3	4/9/19 8:30	7.4	24.6	(19.2)	12.9
4/8/19 19:45	9.8	(27.7)	0.2	(21.7)	4/9/19 8:45	6.1	25.1	13.2	38.7
4/8/19 20:00	18.2	(10.7)	(0.0)	11.3	4/9/19 9:00	21.7	6.9	7.9	35.3
4/8/19 20:15	(9.4)	1.7	0.0	(8.4)	4/9/19 9:15	(1.3)	(4.9)	9.1	5.8
4/8/19 20:30	(46.9)	4.7	(0.0)	(42.2)	4/9/19 9:30	(35.8)	18.6	11.9	(9.1)
4/8/19 20:45	(9.9)	(4.0)	0.0	(8.0)	4/9/19 9:45	22.7	7.8	4.8	22.2
4/8/19 21:00	(24.4)	10.9	(0.0)	(13.7)	4/9/19 10:00	8.9	(23.3)	(0.9)	(16.9)
4/8/19 21:15	(42.1)	26.1	0.0	(16.9)	4/9/19 10:15	(13.7)	(19.1)	(10.5)	(31.6)
4/8/19 21:30	(13.3)	42.1	0.0	32.1	4/9/19 10:30	10.5	17.8	(7.5)	14.6
4/8/19 21:45	(35.0)	46.6	(0.0)	13.2	4/9/19 10:45	6.5	14.7	(29.7)	(9.3)
4/8/19 22:00	(60.1)	8.4	0.0	(51.7)	4/9/19 11:00	(11.0)	2.1	(9.6)	(15.9)
4/8/19 22:15	(15.0)	24.3	(0.0)	18.9	4/9/19 11:15	(7.0)	2.6	(11.5)	(15.5)
4/8/19 22:30	(39.8)	20.0	0.0	(23.4)	4/9/19 11:30	9.5	(25.9)	(2.7)	(21.7)
4/8/19 22:45	(69.1)	(8.9)	0.0	(78.0)	4/9/19 11:45	(16.3)	(42.5)	(10.5)	(64.1)
4/8/19 23:00	(19.3)	5.9	(0.0)	(16.8)	4/9/19 12:00	11.5	(6.5)	5.1	10.0
4/8/19 23:15	(34.9)	17.8	(0.0)	(18.6)	4/9/19 12:15	7.6	(3.9)	(17.1)	(13.4)
4/8/19 23:30	(43.5)	(5.5)	0.0	(48.7)	4/9/19 12:30	(11.9)	(25.1)	(4.6)	(39.5)
4/8/19 23:45	(23.2)	(13.5)	0.1	(35.2)	4/9/19 12:45	29.4	(48.5)	(3.7)	(22.8)
4/9/19 0:00	(22.4)	(40.8)	0.0	(63.0)	4/9/19 13:00	5.9	(29.3)	2.6	(23.3)
4/9/19 0:15	(22.1)	(16.9)	(0.0)	(37.6)	4/9/19 13:15	(9.1)	(13.5)	3.5	(17.1)
4/9/19 0:30	42.3	(19.1)	0.0	37.2	4/9/19 13:30	(17.2)	(50.7)	4.5	(59.6)
4/9/19 0:45	26.7	16.9	(0.0)	40.3	4/9/19 13:45	41.5	(65.6)	(8.2)	(32.3)
4/9/19 1:00	(16.0)	(11.5)	0.0	(27.5)	4/9/19 14:00	37.8	(10.2)	6.2	41.9
4/9/19 1:15	(26.2)	(34.4)	(0.0)	(54.2)	4/9/19 14:15	12.8	7.9	(4.5)	20.7
4/9/19 1:30	10.6	(43.5)	0.0	(36.1)	4/9/19 14:30	(20.3)	3.5	13.7	22.0
4/9/19 1:45	3.0	(47.3)	(0.0)	(45.6)	4/9/19 14:45	34.2	4.1	16.0	49.9
4/9/19 2:00	(19.6)	(31.8)	0.0	(51.2)	4/9/19 15:00	(9.8)	6.8	7.7	(4.2)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/9/19 15:15	(39.5)	5.1	3.5	(33.1)	4/10/19 4:15	(11.6)	17.8	(0.0)	13.7
4/9/19 15:30	16.5	(16.1)	22.2	27.2	4/10/19 4:30	11.4	14.2	(0.0)	17.2
4/9/19 15:45	20.7	(19.6)	(4.7)	21.0	4/10/19 4:45	16.8	(11.5)	0.0	8.6
4/9/19 16:00	(28.0)	65.9	15.5	55.0	4/10/19 5:00	26.9	39.3	0.0	64.7
4/9/19 16:15	(7.7)	74.0	(8.6)	60.7	4/10/19 5:15	43.1	45.9	0.0	89.0
4/9/19 16:30	(2.0)	44.5	6.5	47.0	4/10/19 5:30	32.5	28.1	(0.0)	60.6
4/9/19 16:45	(21.8)	8.3	15.8	6.3	4/10/19 5:45	37.4	(10.2)	(0.0)	36.5
4/9/19 17:00	8.3	(16.0)	3.9	(8.7)	4/10/19 6:00	43.7	(43.7)	(0.0)	2.0
4/9/19 17:15	6.7	(14.2)	(6.3)	(15.2)	4/10/19 6:15	11.0	(16.5)	(0.0)	(12.6)
4/9/19 17:30	(9.8)	(29.4)	12.2	(28.4)	4/10/19 6:30	28.9	(37.1)	(0.0)	(13.9)
4/9/19 17:45	(23.9)	(6.2)	11.5	(19.3)	4/10/19 6:45	34.5	17.5	(0.5)	50.1
4/9/19 18:00	5.5	13.0	(9.5)	8.6	4/10/19 7:00	26.6	12.8	(5.6)	27.0
4/9/19 18:15	(2.1)	(5.1)	3.2	(5.2)	4/10/19 7:15	37.4	(33.8)	(8.7)	(5.1)
4/9/19 18:30	(11.4)	(12.4)	12.1	(11.6)	4/10/19 7:30	23.4	(25.5)	(14.7)	(17.8)
4/9/19 18:45	3.1	(42.9)	8.5	(33.1)	4/10/19 7:45	14.0	(34.5)	(28.0)	(47.6)
4/9/19 19:00	(6.8)	(16.1)	11.1	(4.4)	4/10/19 8:00	15.4	(39.0)	9.1	(19.6)
4/9/19 19:15	(18.6)	20.8	3.6	10.4	4/10/19 8:15	30.8	(7.9)	(5.4)	18.6
4/9/19 19:30	22.0	(14.5)	1.6	9.6	4/10/19 8:30	18.0	(19.9)	(6.3)	(9.2)
4/9/19 19:45	29.5	7.3	0.3	34.6	4/10/19 8:45	14.1	51.8	12.1	77.7
4/9/19 20:00	17.0	13.6	(0.0)	30.6	4/10/19 9:00	7.6	(7.6)	6.9	10.1
4/9/19 20:15	6.8	77.4	(0.0)	82.4	4/10/19 9:15	(4.1)	56.0	8.6	59.0
4/9/19 20:30	(20.9)	61.3	(0.0)	40.3	4/10/19 9:30	7.2	21.7	4.5	29.7
4/9/19 20:45	(27.8)	32.8	0.0	6.8	4/10/19 9:45	(7.3)	6.0	18.6	16.4
4/9/19 21:00	(20.2)	57.0	(0.0)	36.8	4/10/19 10:00	7.5	12.5	(30.2)	(12.6)
4/9/19 21:15	(32.2)	14.6	0.0	(32.4)	4/10/19 10:15	4.8	(20.1)	(32.4)	(45.1)
4/9/19 21:30	(43.3)	(76.2)	(0.0)	(119.4)	4/10/19 10:30	5.2	(54.3)	(22.4)	(71.6)
4/9/19 21:45	(33.9)	(35.5)	(0.0)	(69.4)	4/10/19 10:45	(3.4)	(28.5)	10.6	(23.1)
4/9/19 22:00	(44.4)	(43.4)	(0.0)	(87.8)	4/10/19 11:00	(2.1)	38.7	7.1	44.0
4/9/19 22:15	(38.7)	(41.3)	0.1	(80.0)	4/10/19 11:15	4.7	(13.9)	(14.8)	(18.9)
4/9/19 22:30	(36.0)	(35.7)	(0.0)	(71.7)	4/10/19 11:30	(3.0)	(17.7)	20.6	(16.2)
4/9/19 22:45	(24.0)	15.9	0.0	(23.9)	4/10/19 11:45	18.4	(50.9)	19.5	(20.4)
4/9/19 23:00	(14.4)	71.1	0.0	62.0	4/10/19 12:00	13.4	10.9	5.9	23.5
4/9/19 23:15	(20.9)	62.0	0.0	41.1	4/10/19 12:15	7.7	10.3	(29.3)	(26.8)
4/9/19 23:30	(54.3)	16.2	0.0	(40.0)	4/10/19 12:30	5.6	6.2	(11.6)	12.3
4/9/19 23:45	(40.5)	(15.6)	0.1	(56.1)	4/10/19 12:45	(2.2)	18.4	28.4	45.2
4/10/19 0:00	(34.5)	(40.4)	0.1	(74.8)	4/10/19 13:00	(2.6)	32.4	(16.2)	15.0
4/10/19 0:15	(22.6)	(73.8)	(0.1)	(95.2)	4/10/19 13:15	(1.3)	22.7	(11.5)	11.2
4/10/19 0:30	67.6	(104.8)	(0.1)	(37.3)	4/10/19 13:30	0.8	22.4	13.7	26.8
4/10/19 0:45	(5.1)	(61.1)	(0.0)	(61.9)	4/10/19 13:45	(2.5)	(68.0)	22.4	(45.7)
4/10/19 1:00	4.0	13.5	(0.0)	17.1	4/10/19 14:00	4.7	(48.6)	(2.3)	(46.8)
4/10/19 1:15	(22.5)	8.7	0.0	(16.8)	4/10/19 14:15	4.7	49.2	29.3	80.2
4/10/19 1:30	(12.1)	3.8	0.0	(8.3)	4/10/19 14:30	1.5	14.0	(6.6)	20.7
4/10/19 1:45	(12.9)	3.1	(0.0)	(10.3)	4/10/19 14:45	5.8	(38.5)	(15.0)	(48.3)
4/10/19 2:00	(14.6)	(11.3)	(0.0)	(25.9)	4/10/19 15:00	4.4	(50.5)	5.4	(45.2)
4/10/19 2:15	23.1	(32.5)	0.0	(9.4)	4/10/19 15:15	(6.5)	(1.7)	(8.8)	(15.5)
4/10/19 2:30	(17.8)	(72.2)	0.0	(79.0)	4/10/19 15:30	7.9	(8.5)	4.2	3.7
4/10/19 2:45	(28.4)	39.7	0.0	27.4	4/10/19 15:45	(3.7)	3.2	2.7	2.7
4/10/19 3:00	19.8	21.7	(0.0)	33.4	4/10/19 16:00	7.5	5.1	3.8	15.1
4/10/19 3:15	26.2	(20.0)	(0.0)	8.5	4/10/19 16:15	3.1	27.1	27.2	55.2
4/10/19 3:30	(29.6)	13.2	(0.0)	(16.8)	4/10/19 16:30	22.6	33.8	18.7	74.8
4/10/19 3:45	19.6	(31.5)	0.0	(14.8)	4/10/19 16:45	25.9	7.7	3.7	35.7
4/10/19 4:00	16.8	(18.2)	0.0	(3.7)	4/10/19 17:00	16.2	(14.3)	0.9	13.3

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/10/19 17:15	(12.1)	(12.3)	(2.0)	(18.9)	4/11/19 6:15	56.2	(52.7)	0.1	6.0
4/10/19 17:30	11.1	(11.5)	(1.1)	(17.1)	4/11/19 6:30	25.1	(4.4)	(0.1)	20.9
4/10/19 17:45	34.6	12.9	4.3	51.2	4/11/19 6:45	21.8	1.5	(0.2)	23.1
4/10/19 18:00	(30.1)	11.5	2.3	(22.8)	4/11/19 7:00	23.1	8.8	(2.1)	29.8
4/10/19 18:15	(20.9)	6.6	0.6	(13.7)	4/11/19 7:15	13.5	(12.9)	(2.9)	(3.3)
4/10/19 18:30	4.7	16.3	0.7	18.3	4/11/19 7:30	11.2	(2.9)	(4.1)	7.0
4/10/19 18:45	34.5	18.8	(0.5)	48.8	4/11/19 7:45	6.8	12.6	(5.6)	13.8
4/10/19 19:00	3.4	15.2	0.4	17.4	4/11/19 8:00	(4.4)	4.8	(6.9)	(6.5)
4/10/19 19:15	(15.0)	6.9	0.9	(14.1)	4/11/19 8:15	(4.6)	(11.5)	(16.0)	(30.7)
4/10/19 19:30	35.7	(12.2)	0.2	23.8	4/11/19 8:30	(6.3)	(17.6)	(17.8)	(41.3)
4/10/19 19:45	24.9	(3.3)	0.0	22.9	4/11/19 8:45	7.9	5.1	(31.3)	(21.2)
4/10/19 20:00	(13.8)	(11.7)	(0.0)	(22.8)	4/11/19 9:00	20.1	(2.2)	4.9	19.7
4/10/19 20:15	(30.4)	(11.1)	(0.0)	(41.0)	4/11/19 9:15	(5.8)	0.9	(9.5)	(14.1)
4/10/19 20:30	18.1	10.3	0.0	26.6	4/11/19 9:30	(8.1)	1.7	7.2	(4.1)
4/10/19 20:45	(16.8)	21.4	(0.0)	5.4	4/11/19 9:45	(45.6)	12.4	(11.2)	(45.2)
4/10/19 21:00	(43.1)	13.0	0.0	(31.0)	4/11/19 10:00	5.9	(5.2)	1.8	5.5
4/10/19 21:15	(13.3)	8.1	0.0	(6.3)	4/11/19 10:15	3.2	2.2	(1.4)	4.9
4/10/19 21:30	(33.1)	(25.9)	0.0	(59.0)	4/11/19 10:30	18.1	7.8	(5.9)	20.1
4/10/19 21:45	(50.8)	(8.5)	(0.0)	(52.4)	4/11/19 10:45	(4.0)	(3.6)	5.5	(2.9)
4/10/19 22:00	(36.8)	(25.1)	0.0	(61.2)	4/11/19 11:00	(20.2)	13.9	2.9	(9.5)
4/10/19 22:15	(27.8)	8.2	(0.0)	(29.3)	4/11/19 11:15	(22.9)	50.0	6.0	40.5
4/10/19 22:30	(35.8)	12.2	0.0	(31.1)	4/11/19 11:30	6.2	8.9	6.3	19.7
4/10/19 22:45	(71.1)	(6.5)	(0.0)	(71.2)	4/11/19 11:45	(7.6)	19.8	(6.3)	8.5
4/10/19 23:00	(10.3)	17.2	(0.0)	19.3	4/11/19 12:00	(36.7)	22.0	(13.6)	(28.4)
4/10/19 23:15	(22.4)	7.9	0.0	(15.9)	4/11/19 12:15	19.1	(5.7)	(11.6)	9.0
4/10/19 23:30	(29.3)	(7.3)	(0.0)	(33.9)	4/11/19 12:30	(11.0)	9.5	(4.8)	(8.1)
4/10/19 23:45	(35.1)	(5.2)	(0.0)	(32.9)	4/11/19 12:45	(29.6)	12.2	1.9	(19.3)
4/11/19 0:00	5.6	4.6	(0.0)	4.5	4/11/19 13:00	11.4	(10.0)	7.8	8.1
4/11/19 0:15	(8.4)	12.4	0.0	16.1	4/11/19 13:15	(10.2)	(12.8)	(8.5)	(27.7)
4/11/19 0:30	(33.5)	(6.6)	(0.0)	(39.6)	4/11/19 13:30	(21.8)	3.0	3.3	(17.5)
4/11/19 0:45	13.6	7.4	(0.0)	17.4	4/11/19 13:45	(18.4)	(22.0)	(9.8)	(32.5)
4/11/19 1:00	2.5	11.0	(0.0)	13.0	4/11/19 14:00	8.5	(33.8)	2.9	(23.6)
4/11/19 1:15	(36.5)	35.6	(0.0)	(14.0)	4/11/19 14:15	4.2	(22.7)	6.8	(15.1)
4/11/19 1:30	17.5	39.2	0.0	51.7	4/11/19 14:30	(34.7)	18.1	6.0	(12.5)
4/11/19 1:45	(5.1)	(2.6)	(0.0)	(6.7)	4/11/19 14:45	16.3	(21.2)	7.1	2.8
4/11/19 2:00	(34.1)	(24.0)	0.1	(58.0)	4/11/19 15:00	(8.1)	11.5	(10.7)	(4.3)
4/11/19 2:15	21.4	(15.7)	(0.0)	11.5	4/11/19 15:15	(19.7)	11.3	7.0	(3.9)
4/11/19 2:30	12.4	42.0	(0.0)	51.6	4/11/19 15:30	(8.7)	14.3	(5.8)	11.3
4/11/19 2:45	11.3	2.0	0.0	11.7	4/11/19 15:45	14.1	22.8	6.9	40.2
4/11/19 3:00	(6.6)	(19.0)	0.0	(24.1)	4/11/19 16:00	9.7	25.2	(5.2)	31.5
4/11/19 3:15	(16.1)	30.1	(0.0)	22.3	4/11/19 16:15	(20.5)	19.2	16.8	17.8
4/11/19 3:30	6.3	13.8	(0.0)	18.7	4/11/19 16:30	26.3	11.8	(11.9)	27.9
4/11/19 3:45	10.5	(49.6)	0.0	(39.9)	4/11/19 16:45	9.8	17.7	9.0	35.4
4/11/19 4:00	34.5	(32.3)	(0.0)	14.0	4/11/19 17:00	22.0	3.2	12.3	34.5
4/11/19 4:15	17.8	(9.7)	0.0	9.1	4/11/19 17:15	(19.4)	9.5	(23.7)	(31.3)
4/11/19 4:30	21.3	(28.7)	(0.0)	(13.2)	4/11/19 17:30	23.0	4.9	8.6	32.5
4/11/19 4:45	(25.3)	(12.3)	0.1	(30.7)	4/11/19 17:45	20.8	24.3	25.4	70.5
4/11/19 5:00	26.3	15.3	0.0	41.2	4/11/19 18:00	(45.9)	12.5	11.5	(25.3)
4/11/19 5:15	17.0	(10.9)	(0.0)	6.1	4/11/19 18:15	23.2	24.4	16.2	60.8
4/11/19 5:30	27.1	(15.5)	0.0	12.1	4/11/19 18:30	7.5	12.3	12.8	31.3
4/11/19 5:45	43.9	(40.1)	(0.0)	4.2	4/11/19 18:45	(11.3)	67.4	11.9	76.3
4/11/19 6:00	46.8	(35.5)	(0.1)	11.1	4/11/19 19:00	(8.9)	51.4	9.7	60.9

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/11/19 19:15	43.3	45.1	5.8	94.3	4/12/19 8:15	8.4	13.2	(11.9)	9.5
4/11/19 19:30	40.1	28.4	2.2	70.7	4/12/19 8:30	(33.6)	11.5	(19.7)	(41.8)
4/11/19 19:45	44.3	23.9	0.0	68.2	4/12/19 8:45	(6.6)	(1.3)	(20.4)	(27.0)
4/11/19 20:00	23.0	36.6	(0.0)	58.4	4/12/19 9:00	16.5	(10.7)	(0.9)	9.5
4/11/19 20:15	(40.3)	14.8	0.0	(27.2)	4/12/19 9:15	(5.5)	(10.6)	4.8	(11.1)
4/11/19 20:30	19.7	6.8	(0.0)	25.0	4/12/19 9:30	(11.5)	(0.5)	(1.3)	(12.7)
4/11/19 20:45	(37.8)	27.7	(0.0)	(16.5)	4/12/19 9:45	(16.2)	(7.8)	(7.2)	(26.1)
4/11/19 21:00	10.4	43.0	0.0	49.3	4/12/19 10:00	(5.8)	(9.0)	(14.0)	(25.4)
4/11/19 21:15	(40.7)	40.2	(0.0)	(5.8)	4/12/19 10:15	(15.5)	29.3	(1.0)	13.7
4/11/19 21:30	(15.8)	(5.8)	(0.0)	(19.2)	4/12/19 10:30	(43.8)	41.6	(1.7)	(6.7)
4/11/19 21:45	(26.5)	(11.6)	0.0	(38.0)	4/12/19 10:45	(21.4)	16.3	(2.4)	(7.2)
4/11/19 22:00	(62.3)	(2.6)	(0.0)	(64.4)	4/12/19 11:00	19.5	(5.9)	6.8	20.4
4/11/19 22:15	(26.6)	(27.9)	0.0	(54.5)	4/12/19 11:15	(7.8)	(8.0)	(9.0)	(23.9)
4/11/19 22:30	(29.7)	(26.0)	(0.0)	(55.7)	4/12/19 11:30	(8.1)	5.9	3.9	(9.0)
4/11/19 22:45	(50.2)	(9.1)	(0.0)	(59.1)	4/12/19 11:45	(44.3)	20.8	(4.1)	(27.0)
4/11/19 23:00	(9.7)	5.8	(0.0)	10.8	4/12/19 12:00	11.5	15.1	2.2	27.6
4/11/19 23:15	(16.8)	21.7	(0.0)	6.9	4/12/19 12:15	4.2	28.0	4.2	33.7
4/11/19 23:30	(44.8)	15.4	0.0	(29.8)	4/12/19 12:30	(34.8)	34.6	3.7	7.7
4/11/19 23:45	(10.4)	3.7	(0.0)	(9.5)	4/12/19 12:45	17.8	32.3	(8.9)	37.7
4/12/19 0:00	(18.8)	(4.6)	(0.0)	(23.3)	4/12/19 13:00	2.6	21.9	(0.8)	21.6
4/12/19 0:15	(29.8)	(12.1)	0.0	(41.0)	4/12/19 13:15	(27.1)	20.5	1.0	(12.6)
4/12/19 0:30	46.6	(19.3)	(0.0)	27.6	4/12/19 13:30	(7.6)	14.9	(0.6)	16.8
4/12/19 0:45	(8.5)	(20.8)	0.0	(29.3)	4/12/19 13:45	(17.5)	10.8	(0.5)	(8.2)
4/12/19 1:00	(26.6)	(41.7)	0.0	(68.4)	4/12/19 14:00	(21.4)	8.1	0.9	(13.9)
4/12/19 1:15	27.4	(17.6)	(0.0)	15.2	4/12/19 14:15	(19.1)	6.2	(1.4)	(14.7)
4/12/19 1:30	(7.6)	(12.0)	0.0	(19.1)	4/12/19 14:30	9.5	(6.9)	1.1	8.3
4/12/19 1:45	(18.5)	(26.5)	(0.0)	(43.0)	4/12/19 14:45	5.7	(6.4)	5.7	5.0
4/12/19 2:00	(23.2)	(32.5)	0.0	(44.0)	4/12/19 15:00	(37.8)	(5.0)	(4.9)	(46.4)
4/12/19 2:15	20.4	(13.9)	0.0	9.9	4/12/19 15:15	(4.8)	(9.9)	10.0	(7.7)
4/12/19 2:30	1.1	5.0	0.0	5.5	4/12/19 15:30	(4.0)	(10.9)	22.3	11.0
4/12/19 2:45	(31.4)	6.0	(0.0)	(25.8)	4/12/19 15:45	2.9	(4.7)	(13.2)	(17.1)
4/12/19 3:00	15.4	31.6	(0.0)	42.3	4/12/19 16:00	(25.7)	(3.9)	(4.3)	(32.8)
4/12/19 3:15	(16.6)	45.1	0.0	29.5	4/12/19 16:15	31.1	(15.7)	8.4	24.9
4/12/19 3:30	10.0	24.7	(0.0)	34.7	4/12/19 16:30	20.4	(11.1)	6.2	14.6
4/12/19 3:45	(26.4)	30.5	0.0	7.8	4/12/19 16:45	(6.1)	(6.4)	10.6	3.6
4/12/19 4:00	38.8	11.8	(0.0)	48.2	4/12/19 17:00	(19.3)	7.1	2.7	(12.8)
4/12/19 4:15	16.1	4.4	0.0	19.2	4/12/19 17:15	12.2	(12.5)	28.6	28.3
4/12/19 4:30	13.5	18.4	(0.0)	27.1	4/12/19 17:30	9.9	(19.2)	17.1	8.1
4/12/19 4:45	19.4	19.4	0.0	33.0	4/12/19 17:45	35.8	(27.9)	10.2	18.1
4/12/19 5:00	38.1	17.2	(0.0)	55.3	4/12/19 18:00	20.4	(21.4)	11.5	13.9
4/12/19 5:15	24.1	21.7	0.0	45.5	4/12/19 18:15	7.3	(38.6)	5.4	(28.1)
4/12/19 5:30	24.7	30.8	0.0	51.3	4/12/19 18:30	(14.4)	(47.2)	7.2	(50.3)
4/12/19 5:45	41.6	7.6	(0.0)	49.1	4/12/19 18:45	33.7	(27.8)	7.3	23.8
4/12/19 6:00	59.2	11.3	(0.0)	70.5	4/12/19 19:00	30.6	(1.8)	4.3	33.8
4/12/19 6:15	49.4	18.0	(0.1)	67.2	4/12/19 19:15	19.1	2.2	3.4	23.7
4/12/19 6:30	(17.3)	9.5	(0.2)	(9.6)	4/12/19 19:30	13.4	(13.5)	1.5	(12.8)
4/12/19 6:45	38.2	19.5	(2.0)	55.7	4/12/19 19:45	48.8	(25.4)	0.2	23.6
4/12/19 7:00	42.3	26.2	(7.1)	61.5	4/12/19 20:00	14.8	(53.9)	(0.0)	(39.2)
4/12/19 7:15	26.1	17.3	(20.3)	23.2	4/12/19 20:15	(24.6)	(63.4)	0.0	(88.1)
4/12/19 7:30	(13.8)	3.8	(17.2)	(22.9)	4/12/19 20:30	9.6	(47.5)	(0.0)	(44.6)
4/12/19 7:45	16.8	3.9	(4.6)	14.0	4/12/19 20:45	(3.6)	(47.2)	(0.0)	(50.8)
4/12/19 8:00	28.2	(6.4)	(7.2)	15.0	4/12/19 21:00	(41.9)	(49.3)	(0.0)	(91.2)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/12/19 21:15	(16.8)	(30.1)	(0.0)	(45.7)	4/13/19 10:15	21.5	(13.2)	(1.4)	12.4
4/12/19 21:30	(9.1)	(4.4)	(0.0)	(7.2)	4/13/19 10:30	8.9	(5.3)	3.4	6.4
4/12/19 21:45	(26.1)	(11.5)	0.0	(37.6)	4/13/19 10:45	(9.2)	22.1	(4.6)	18.4
4/12/19 22:00	(47.4)	(9.3)	0.0	(55.8)	4/13/19 11:00	(25.0)	61.5	(4.0)	43.5
4/12/19 22:15	8.1	(10.6)	(0.0)	(7.7)	4/13/19 11:15	5.9	52.1	11.3	68.9
4/12/19 22:30	(9.2)	25.0	0.0	22.3	4/13/19 11:30	(14.7)	28.2	3.5	18.2
4/12/19 22:45	(28.6)	31.1	(0.0)	4.3	4/13/19 11:45	(37.2)	8.6	(8.2)	(32.7)
4/12/19 23:00	(46.7)	62.4	(0.0)	18.5	4/13/19 12:00	(12.4)	12.2	8.5	11.7
4/12/19 23:15	(7.0)	56.9	(0.0)	52.3	4/13/19 12:15	(20.2)	6.8	(6.2)	(17.7)
4/12/19 23:30	(29.7)	36.7	(0.0)	11.9	4/13/19 12:30	(70.1)	(14.1)	3.3	(83.5)
4/12/19 23:45	(74.8)	19.5	0.0	(55.3)	4/13/19 12:45	21.2	(4.1)	18.7	37.5
4/13/19 0:00	12.5	2.9	0.0	11.4	4/13/19 13:00	(15.5)	17.8	9.4	13.6
4/13/19 0:15	66.8	20.0	(0.0)	86.0	4/13/19 13:15	(26.4)	11.1	0.9	(14.8)
4/13/19 0:30	(11.6)	24.0	(0.0)	14.3	4/13/19 13:30	(10.1)	14.9	23.1	35.2
4/13/19 0:45	(17.4)	(23.8)	0.0	(41.2)	4/13/19 13:45	(10.6)	17.9	(2.5)	6.0
4/13/19 1:00	(7.7)	(18.7)	0.0	(22.1)	4/13/19 14:00	(29.7)	21.6	(11.7)	(21.5)
4/13/19 1:15	(3.8)	(9.8)	(0.0)	(13.0)	4/13/19 14:15	12.5	30.6	(18.1)	21.2
4/13/19 1:30	(29.7)	28.8	0.0	(4.9)	4/13/19 14:30	8.6	18.2	7.2	33.0
4/13/19 1:45	(27.5)	38.1	(0.0)	11.3	4/13/19 14:45	(14.1)	(3.3)	(17.7)	(35.0)
4/13/19 2:00	(7.1)	27.7	(0.0)	20.8	4/13/19 15:00	(10.6)	(4.5)	(21.1)	(33.3)
4/13/19 2:15	3.0	9.4	0.0	12.1	4/13/19 15:15	(3.0)	(3.3)	23.1	20.7
4/13/19 2:30	(6.4)	5.2	0.0	(2.5)	4/13/19 15:30	(19.6)	2.8	1.7	(18.2)
4/13/19 2:45	26.1	29.6	0.0	54.6	4/13/19 15:45	12.8	(5.0)	20.5	26.9
4/13/19 3:00	11.1	37.7	(0.0)	45.4	4/13/19 16:00	15.6	(8.4)	5.4	10.0
4/13/19 3:15	(14.0)	29.2	0.0	18.6	4/13/19 16:15	(13.8)	9.8	(19.1)	(20.0)
4/13/19 3:30	7.9	6.0	(0.0)	8.1	4/13/19 16:30	12.8	(4.3)	(9.0)	(9.9)
4/13/19 3:45	12.9	(30.4)	0.0	(20.6)	4/13/19 16:45	(4.9)	(22.1)	(9.7)	(31.8)
4/13/19 4:00	(25.7)	(14.7)	(0.0)	(33.8)	4/13/19 17:00	8.4	(22.6)	17.5	(19.7)
4/13/19 4:15	(27.0)	31.9	0.0	22.4	4/13/19 17:15	12.8	(5.1)	(10.0)	8.1
4/13/19 4:30	11.6	27.7	(0.0)	39.4	4/13/19 17:30	12.9	7.3	11.6	31.5
4/13/19 4:45	(8.9)	48.9	0.0	46.8	4/13/19 17:45	14.9	(1.9)	7.9	15.4
4/13/19 5:00	(21.5)	22.5	(0.0)	11.2	4/13/19 18:00	14.1	3.9	9.0	25.0
4/13/19 5:15	45.5	30.8	(0.0)	76.3	4/13/19 18:15	8.0	6.5	3.3	17.3
4/13/19 5:30	9.9	29.9	(0.0)	39.9	4/13/19 18:30	(11.8)	(6.3)	11.7	(12.1)
4/13/19 5:45	(32.5)	46.0	(0.0)	13.6	4/13/19 18:45	20.6	(28.6)	10.1	8.2
4/13/19 6:00	21.4	10.4	(0.0)	25.1	4/13/19 19:00	9.8	(34.5)	12.8	(11.8)
4/13/19 6:15	15.1	(93.0)	0.0	(77.9)	4/13/19 19:15	(11.6)	(34.1)	8.6	(32.5)
4/13/19 6:30	9.8	(89.5)	0.0	(79.7)	4/13/19 19:30	45.1	(36.3)	2.7	18.5
4/13/19 6:45	28.8	(72.2)	(0.6)	(44.0)	4/13/19 19:45	50.8	(3.8)	0.2	50.8
4/13/19 7:00	22.7	(10.7)	(5.0)	13.3	4/13/19 20:00	16.0	5.6	0.0	20.9
4/13/19 7:15	22.9	38.7	(7.8)	53.8	4/13/19 20:15	17.6	6.5	0.0	23.6
4/13/19 7:30	37.4	48.1	(9.0)	76.5	4/13/19 20:30	(3.3)	26.1	(0.0)	22.8
4/13/19 7:45	37.4	14.4	(8.3)	43.7	4/13/19 20:45	(25.7)	4.0	(0.0)	(24.7)
4/13/19 8:00	(11.0)	(23.9)	(9.1)	(37.5)	4/13/19 21:00	5.4	(1.5)	(0.0)	(5.6)
4/13/19 8:15	59.6	(16.0)	(4.1)	41.1	4/13/19 21:15	(16.4)	(14.0)	(0.0)	(30.4)
4/13/19 8:30	(13.8)	7.8	(12.7)	(16.4)	4/13/19 21:30	(38.5)	(24.2)	0.0	(62.7)
4/13/19 8:45	34.4	11.1	(7.8)	37.4	4/13/19 21:45	(17.3)	(27.3)	0.0	(37.8)
4/13/19 9:00	16.4	(15.4)	(2.4)	(5.0)	4/13/19 22:00	(5.4)	5.5	(0.0)	3.4
4/13/19 9:15	10.6	(29.3)	(2.9)	(31.3)	4/13/19 22:15	(37.7)	(17.2)	0.0	(54.9)
4/13/19 9:30	18.6	(43.3)	(4.6)	(30.5)	4/13/19 22:30	(13.4)	(16.4)	0.0	(29.8)
4/13/19 9:45	8.8	(22.3)	(9.6)	(23.1)	4/13/19 22:45	(17.5)	(7.2)	(0.0)	(24.7)
4/13/19 10:00	(15.0)	(11.8)	(4.2)	(26.6)	4/13/19 23:00	(48.7)	(10.9)	0.0	(59.5)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/13/19 23:15	(6.4)	(9.1)	(0.0)	(15.2)	4/14/19 12:15	(34.3)	15.5	5.5	(18.9)
4/13/19 23:30	(17.7)	(8.1)	(0.0)	(25.9)	4/14/19 12:30	12.0	9.9	3.7	19.2
4/13/19 23:45	(17.6)	(3.1)	(0.0)	(20.1)	4/14/19 12:45	5.3	4.6	(4.6)	7.7
4/14/19 0:00	4.8	(31.7)	(0.0)	(27.1)	4/14/19 13:00	(11.8)	(9.1)	(7.6)	(26.5)
4/14/19 0:15	45.9	(25.3)	(0.0)	21.9	4/14/19 13:15	(20.6)	16.1	2.6	9.3
4/14/19 0:30	(27.8)	(33.1)	0.0	(60.7)	4/14/19 13:30	(30.1)	(3.6)	(0.9)	(32.1)
4/14/19 0:45	(16.6)	(37.9)	0.0	(54.5)	4/14/19 13:45	11.5	(28.6)	(3.0)	(21.1)
4/14/19 1:00	16.9	(40.7)	0.0	(36.9)	4/14/19 14:00	35.5	(15.1)	23.8	44.2
4/14/19 1:15	(12.5)	(14.0)	(0.0)	(15.4)	4/14/19 14:15	(21.7)	(9.6)	7.9	(27.3)
4/14/19 1:30	(28.9)	(9.9)	0.0	(36.9)	4/14/19 14:30	20.4	25.6	(6.8)	37.5
4/14/19 1:45	20.5	5.7	(0.0)	24.7	4/14/19 14:45	10.7	34.8	(8.3)	37.9
4/14/19 2:00	(1.2)	9.8	0.0	8.8	4/14/19 15:00	(24.9)	16.5	(3.0)	(25.0)
4/14/19 2:15	(19.1)	8.8	(0.0)	(13.4)	4/14/19 15:15	14.9	(10.5)	2.2	11.9
4/14/19 2:30	12.0	13.5	(0.0)	23.6	4/14/19 15:30	6.8	(13.9)	(3.9)	(13.1)
4/14/19 2:45	2.9	17.7	0.1	19.6	4/14/19 15:45	6.7	33.2	(10.2)	23.8
4/14/19 3:00	(18.6)	31.9	0.0	13.9	4/14/19 16:00	35.8	60.7	8.7	105.3
4/14/19 3:15	17.1	27.7	(0.0)	44.4	4/14/19 16:15	22.5	12.0	(6.9)	27.3
4/14/19 3:30	7.9	29.3	0.0	35.2	4/14/19 16:30	(21.6)	(41.0)	2.9	(59.6)
4/14/19 3:45	(23.3)	37.2	(0.0)	18.1	4/14/19 16:45	27.8	(41.2)	5.1	(16.1)
4/14/19 4:00	24.7	28.4	0.0	49.7	4/14/19 17:00	22.5	(34.9)	(2.9)	(14.2)
4/14/19 4:15	(4.4)	15.9	0.0	14.5	4/14/19 17:15	(16.6)	(29.0)	2.0	(38.4)
4/14/19 4:30	(11.1)	(3.4)	0.0	(14.2)	4/14/19 17:30	23.2	(23.1)	11.7	17.2
4/14/19 4:45	16.2	24.8	0.0	41.1	4/14/19 17:45	(14.4)	12.8	6.9	18.8
4/14/19 5:00	18.3	26.3	(0.0)	41.7	4/14/19 18:00	(9.8)	(7.1)	18.7	19.4
4/14/19 5:15	(45.7)	6.5	(0.0)	(41.3)	4/14/19 18:15	9.5	(1.5)	21.6	25.2
4/14/19 5:30	14.6	(22.2)	0.0	(13.4)	4/14/19 18:30	17.1	(5.9)	17.8	29.0
4/14/19 5:45	(9.4)	(16.2)	(0.0)	(21.7)	4/14/19 18:45	(11.0)	(4.8)	17.1	15.6
4/14/19 6:00	23.4	(12.2)	(0.0)	13.2	4/14/19 19:00	11.7	(19.0)	18.5	8.7
4/14/19 6:15	17.4	(25.2)	0.0	(9.9)	4/14/19 19:15	8.6	(12.2)	10.2	9.3
4/14/19 6:30	(27.1)	(24.9)	(0.9)	(52.4)	4/14/19 19:30	7.5	14.6	4.0	26.1
4/14/19 6:45	17.4	(13.4)	(4.7)	(12.0)	4/14/19 19:45	35.2	16.9	0.2	52.3
4/14/19 7:00	21.6	(32.6)	(13.3)	(24.7)	4/14/19 20:00	34.1	6.4	(0.0)	40.5
4/14/19 7:15	(23.4)	(47.4)	(20.1)	(87.4)	4/14/19 20:15	(12.3)	(3.2)	0.0	(15.3)
4/14/19 7:30	19.9	5.0	(22.9)	(28.9)	4/14/19 20:30	(19.4)	(14.7)	(0.0)	(30.0)
4/14/19 7:45	41.3	10.9	(16.7)	35.6	4/14/19 20:45	(9.9)	(26.3)	(0.0)	(28.7)
4/14/19 8:00	39.1	8.0	(22.7)	24.4	4/14/19 21:00	(24.1)	(5.9)	(0.0)	(26.0)
4/14/19 8:15	(32.5)	32.4	(13.4)	(13.4)	4/14/19 21:15	(28.2)	8.0	0.0	(20.2)
4/14/19 8:30	17.0	31.0	(4.7)	45.5	4/14/19 21:30	(22.6)	(6.8)	(0.0)	(29.4)
4/14/19 8:45	12.3	30.3	9.4	48.6	4/14/19 21:45	(31.3)	13.6	0.0	(18.1)
4/14/19 9:00	12.8	17.3	(10.1)	28.5	4/14/19 22:00	(52.1)	14.2	0.0	(39.0)
4/14/19 9:15	15.5	(1.6)	15.0	27.5	4/14/19 22:15	(10.6)	(6.6)	0.0	(16.0)
4/14/19 9:30	(8.8)	(10.0)	(8.3)	(24.7)	4/14/19 22:30	(19.1)	(4.0)	0.0	(23.1)
4/14/19 9:45	(8.6)	2.1	(13.2)	(20.9)	4/14/19 22:45	(53.2)	(37.7)	0.0	(91.0)
4/14/19 10:00	(10.0)	15.0	(3.5)	4.7	4/14/19 23:00	(9.9)	(26.1)	(0.0)	(33.9)
4/14/19 10:15	14.3	13.0	(1.7)	23.4	4/14/19 23:15	(16.8)	4.4	(0.0)	(15.0)
4/14/19 10:30	(15.6)	2.2	(2.3)	(17.4)	4/14/19 23:30	(51.9)	3.8	(0.0)	(50.3)
4/14/19 10:45	(31.9)	1.5	3.9	(30.0)	4/14/19 23:45	15.6	(2.0)	(0.0)	16.2
4/14/19 11:00	(31.4)	10.3	(4.8)	(30.7)	4/15/19 0:00	(21.0)	8.4	0.0	(12.6)
4/14/19 11:15	6.2	23.0	2.7	29.2	4/15/19 0:15	(63.8)	(5.4)	(0.0)	(69.3)
4/14/19 11:30	20.7	16.7	4.7	39.9	4/15/19 0:30	16.1	(7.6)	(0.0)	12.9
4/14/19 11:45	23.4	13.0	(7.3)	29.6	4/15/19 0:45	(12.2)	(22.5)	(0.0)	(34.7)
4/14/19 12:00	15.9	15.8	3.3	31.2	4/15/19 1:00	16.2	10.2	0.0	25.6

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/15/19 1:15	24.6	14.1	(0.0)	37.5	4/15/19 14:15	(24.5)	1.1	(20.0)	(39.3)
4/15/19 1:30	(2.0)	30.5	0.0	28.5	4/15/19 14:30	33.8	7.7	(8.8)	33.1
4/15/19 1:45	(28.0)	37.0	0.0	9.1	4/15/19 14:45	(5.0)	5.1	16.1	15.7
4/15/19 2:00	(15.8)	39.3	(0.0)	23.7	4/15/19 15:00	(16.6)	(4.5)	(3.2)	(21.5)
4/15/19 2:15	(2.2)	13.5	0.0	11.2	4/15/19 15:15	(17.2)	(27.1)	22.4	(21.2)
4/15/19 2:30	16.3	14.3	(0.0)	30.2	4/15/19 15:30	6.7	(35.7)	(30.1)	(58.4)
4/15/19 2:45	17.8	(4.8)	0.0	14.7	4/15/19 15:45	30.0	8.4	(5.4)	34.5
4/15/19 3:00	(15.5)	(18.8)	(0.0)	(32.7)	4/15/19 16:00	5.7	3.1	16.4	23.0
4/15/19 3:15	23.4	(42.7)	0.0	(26.8)	4/15/19 16:15	6.4	(16.7)	10.8	(20.1)
4/15/19 3:30	27.9	(34.3)	(0.0)	(8.1)	4/15/19 16:30	32.9	(45.3)	(7.9)	(20.4)
4/15/19 3:45	(18.3)	1.7	0.0	(17.5)	4/15/19 16:45	14.4	(55.6)	(5.7)	(44.0)
4/15/19 4:00	24.6	(28.3)	0.0	(15.5)	4/15/19 17:00	(28.4)	(91.2)	15.0	(102.7)
4/15/19 4:15	63.9	12.3	(0.0)	74.7	4/15/19 17:15	(30.6)	(109.8)	(19.5)	(150.8)
4/15/19 4:30	(13.1)	7.3	(0.0)	(16.2)	4/15/19 17:30	22.3	(101.8)	31.0	(49.0)
4/15/19 4:45	41.7	8.4	(0.0)	43.8	4/15/19 17:45	19.3	(36.1)	15.3	(7.8)
4/15/19 5:00	29.6	21.5	0.0	51.1	4/15/19 18:00	(12.8)	(57.5)	3.6	(60.0)
4/15/19 5:15	19.6	(16.1)	0.0	(13.7)	4/15/19 18:15	18.2	(15.8)	19.3	36.1
4/15/19 5:30	43.8	(29.0)	(0.0)	22.1	4/15/19 18:30	11.8	30.3	5.5	46.4
4/15/19 5:45	45.7	(22.6)	0.0	23.1	4/15/19 18:45	(11.6)	45.3	(1.7)	36.7
4/15/19 6:00	33.0	(48.6)	0.0	(15.5)	4/15/19 19:00	7.1	39.1	14.2	53.9
4/15/19 6:15	28.8	(34.0)	(0.0)	(19.6)	4/15/19 19:15	24.3	15.1	7.7	46.8
4/15/19 6:30	44.9	26.7	(1.0)	70.6	4/15/19 19:30	12.7	(10.2)	3.1	8.1
4/15/19 6:45	20.6	25.3	(4.6)	42.6	4/15/19 19:45	16.7	(33.3)	0.9	(17.6)
4/15/19 7:00	18.8	(26.2)	(7.9)	(29.7)	4/15/19 20:00	37.4	(32.8)	0.1	5.2
4/15/19 7:15	22.5	(4.8)	(13.7)	(26.1)	4/15/19 20:15	1.8	(28.9)	0.2	(27.3)
4/15/19 7:30	(22.2)	12.7	(22.7)	(32.2)	4/15/19 20:30	(46.6)	(2.7)	(0.3)	(48.4)
4/15/19 7:45	(30.0)	14.1	(19.6)	(35.8)	4/15/19 20:45	9.2	8.0	(0.1)	15.2
4/15/19 8:00	42.1	31.6	2.8	74.2	4/15/19 21:00	(14.4)	34.6	0.2	20.4
4/15/19 8:15	7.3	21.5	10.0	38.8	4/15/19 21:15	(41.4)	53.4	(0.2)	12.5
4/15/19 8:30	(30.5)	35.6	3.3	14.1	4/15/19 21:30	(11.6)	33.1	(0.1)	22.5
4/15/19 8:45	19.2	11.4	(7.0)	29.0	4/15/19 21:45	(35.8)	6.1	0.2	(29.5)
4/15/19 9:00	16.2	(26.7)	17.4	14.8	4/15/19 22:00	(57.5)	25.8	(0.1)	(31.9)
4/15/19 9:15	14.9	13.2	4.9	29.4	4/15/19 22:15	(14.5)	5.9	(0.1)	(10.6)
4/15/19 9:30	(35.5)	6.3	(12.3)	(46.2)	4/15/19 22:30	(42.3)	(28.7)	(0.1)	(71.1)
4/15/19 9:45	(2.9)	(21.6)	(8.8)	(31.2)	4/15/19 22:45	(56.4)	(28.2)	0.4	(83.9)
4/15/19 10:00	(2.8)	8.4	(9.5)	(9.9)	4/15/19 23:00	(33.4)	4.6	(0.0)	(29.3)
4/15/19 10:15	(9.2)	4.6	(8.6)	(15.4)	4/15/19 23:15	(12.2)	13.9	(0.0)	7.6
4/15/19 10:30	(19.8)	9.9	(8.0)	(19.6)	4/15/19 23:30	18.1	25.0	(0.0)	35.7
4/15/19 10:45	(23.2)	19.3	4.6	(6.0)	4/15/19 23:45	(43.9)	32.4	(0.0)	(25.3)
4/15/19 11:00	(12.4)	34.9	15.0	37.6	4/16/19 0:00	15.1	53.7	0.0	56.1
4/15/19 11:15	(10.7)	45.8	(3.6)	31.7	4/16/19 0:15	(47.9)	32.9	(0.0)	(15.1)
4/15/19 11:30	(2.5)	29.8	1.9	30.1	4/16/19 0:30	(23.5)	(7.0)	0.0	(30.3)
4/15/19 11:45	(6.7)	35.9	(17.9)	12.1	4/16/19 0:45	(10.5)	(3.9)	(0.0)	(13.3)
4/15/19 12:00	6.3	17.4	(4.3)	21.4	4/16/19 1:00	(12.8)	(8.7)	(0.0)	(19.8)
4/15/19 12:15	3.5	24.9	(5.2)	22.2	4/16/19 1:15	(4.5)	28.0	(0.1)	23.6
4/15/19 12:30	3.3	24.5	5.6	31.6	4/16/19 1:30	(29.3)	26.6	(0.2)	(9.9)
4/15/19 12:45	40.3	20.6	3.2	63.3	4/16/19 1:45	17.3	(7.0)	(0.1)	14.4
4/15/19 13:00	5.4	16.7	3.6	24.0	4/16/19 2:00	(2.7)	(7.0)	(0.2)	(8.5)
4/15/19 13:15	6.9	7.3	(5.8)	14.1	4/16/19 2:15	(18.5)	20.5	(0.0)	10.4
4/15/19 13:30	(22.6)	(2.9)	(11.8)	(34.2)	4/16/19 2:30	16.4	(20.6)	0.0	(10.4)
4/15/19 13:45	14.6	1.6	7.0	18.3	4/16/19 2:45	4.2	(31.9)	0.0	(28.8)
4/15/19 14:00	6.6	21.2	7.2	28.8	4/16/19 3:00	(14.4)	28.5	(0.0)	16.2

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/16/19 3:15	(14.6)	36.5	0.0	33.6	4/16/19 16:15	40.0	45.9	26.5	109.1
4/16/19 3:30	21.8	13.7	0.0	35.6	4/16/19 16:30	32.9	62.4	9.0	104.0
4/16/19 3:45	8.4	(2.2)	0.0	8.7	4/16/19 16:45	12.2	47.4	(6.6)	53.1
4/16/19 4:00	(15.4)	(29.7)	(0.0)	(37.6)	4/16/19 17:00	(43.4)	30.2	9.3	(5.1)
4/16/19 4:15	(12.9)	(51.3)	0.0	(54.8)	4/16/19 17:15	32.4	16.3	4.5	40.3
4/16/19 4:30	16.7	(12.4)	(0.0)	(19.2)	4/16/19 17:30	24.7	(39.2)	2.5	(17.6)
4/16/19 4:45	7.8	7.5	(0.0)	9.1	4/16/19 17:45	(10.9)	(4.4)	5.5	8.4
4/16/19 5:00	44.3	6.7	0.0	51.1	4/16/19 18:00	(9.8)	34.5	7.7	38.8
4/16/19 5:15	54.2	7.1	0.0	61.4	4/16/19 18:15	5.7	24.3	4.3	28.1
4/16/19 5:30	13.7	21.7	(0.1)	35.4	4/16/19 18:30	(8.8)	(24.2)	5.6	(23.8)
4/16/19 5:45	57.7	13.5	(0.1)	71.2	4/16/19 18:45	(11.6)	(20.7)	5.0	(21.3)
4/16/19 6:00	63.3	4.5	0.0	66.7	4/16/19 19:00	11.4	(82.3)	0.7	(73.6)
4/16/19 6:15	28.9	(22.9)	(0.1)	18.9	4/16/19 19:15	10.2	(58.5)	6.7	(46.8)
4/16/19 6:30	34.9	(12.9)	0.2	22.2	4/16/19 19:30	(13.8)	156.7	2.2	151.2
4/16/19 6:45	33.3	(16.0)	(2.8)	15.4	4/16/19 19:45	25.4	144.8	0.3	170.4
4/16/19 7:00	21.3	24.8	(6.1)	40.1	4/16/19 20:00	34.8	(69.4)	0.1	(48.2)
4/16/19 7:15	25.9	37.9	(12.3)	50.6	4/16/19 20:15	(23.1)	(24.7)	(0.0)	(42.1)
4/16/19 7:30	(12.3)	52.1	(6.8)	37.3	4/16/19 20:30	(17.3)	(10.9)	0.0	(17.1)
4/16/19 7:45	14.2	47.7	(8.0)	51.5	4/16/19 20:45	(14.4)	(43.9)	0.0	(58.3)
4/16/19 8:00	(25.3)	46.7	(20.7)	9.2	4/16/19 21:00	(38.2)	(10.1)	0.0	(48.3)
4/16/19 8:15	10.6	28.4	(17.2)	16.3	4/16/19 21:15	(25.3)	(63.1)	(0.0)	(85.0)
4/16/19 8:30	(10.3)	43.2	(7.2)	27.2	4/16/19 21:30	(21.6)	(81.0)	0.0	(102.6)
4/16/19 8:45	(36.5)	21.3	(3.6)	(22.9)	4/16/19 21:45	(36.4)	(84.2)	0.0	(120.6)
4/16/19 9:00	20.1	(16.0)	(12.0)	(9.2)	4/16/19 22:00	(44.5)	(53.4)	(0.0)	(97.9)
4/16/19 9:15	8.1	(9.0)	(21.9)	(24.3)	4/16/19 22:15	(33.9)	63.4	(0.0)	32.6
4/16/19 9:30	(22.9)	(15.3)	9.9	(28.8)	4/16/19 22:30	(43.1)	92.2	(0.0)	49.8
4/16/19 9:45	16.7	(10.0)	(11.5)	(13.2)	4/16/19 22:45	(55.4)	(15.8)	(0.0)	(59.9)
4/16/19 10:00	7.4	1.3	13.2	17.8	4/16/19 23:00	(12.3)	(33.7)	(0.0)	(44.3)
4/16/19 10:15	(14.3)	(25.8)	14.5	(28.9)	4/16/19 23:15	(27.0)	(50.5)	(0.0)	(77.5)
4/16/19 10:30	13.1	(34.6)	(7.6)	(32.5)	4/16/19 23:30	16.2	(15.6)	(0.0)	(23.4)
4/16/19 10:45	(6.4)	(49.8)	4.8	(55.8)	4/16/19 23:45	25.4	24.8	0.0	45.6
4/16/19 11:00	(20.4)	(45.7)	(7.9)	(70.8)	4/17/19 0:00	(23.2)	17.1	(0.0)	(16.3)
4/16/19 11:15	12.1	(34.7)	8.0	(20.1)	4/17/19 0:15	(77.3)	(81.3)	(0.0)	(158.6)
4/16/19 11:30	6.8	(35.6)	(14.8)	(43.5)	4/17/19 0:30	13.3	(40.8)	(0.0)	(29.1)
4/16/19 11:45	(46.7)	(45.2)	5.6	(87.8)	4/17/19 0:45	(12.9)	18.4	(0.0)	25.7
4/16/19 12:00	(9.8)	(52.0)	27.0	(33.7)	4/17/19 1:00	10.0	(42.1)	0.0	(43.1)
4/16/19 12:15	15.2	9.2	(11.7)	12.7	4/17/19 1:15	(23.9)	(60.0)	0.0	(83.9)
4/16/19 12:30	31.2	(25.7)	6.6	13.4	4/17/19 1:30	14.0	(46.9)	(0.0)	(35.7)
4/16/19 12:45	25.2	(26.9)	(11.5)	(19.4)	4/17/19 1:45	(5.6)	39.0	0.1	34.6
4/16/19 13:00	14.3	(43.8)	8.7	(29.6)	4/17/19 2:00	(23.8)	64.4	0.0	40.8
4/16/19 13:15	(20.9)	(31.1)	(17.9)	(68.8)	4/17/19 2:15	16.7	8.4	(0.0)	24.8
4/16/19 13:30	(11.3)	(33.0)	7.4	(43.8)	4/17/19 2:30	(8.1)	(28.8)	(0.0)	(32.6)
4/16/19 13:45	(17.0)	(16.0)	4.7	(32.2)	4/17/19 2:45	(29.0)	(60.9)	0.0	(81.7)
4/16/19 14:00	(14.0)	9.7	17.2	32.7	4/17/19 3:00	19.8	31.2	(0.0)	45.0
4/16/19 14:15	27.6	10.9	19.4	56.0	4/17/19 3:15	6.7	(28.7)	(0.0)	(22.1)
4/16/19 14:30	10.7	(42.8)	4.7	(31.1)	4/17/19 3:30	(9.5)	(21.6)	0.0	(25.5)
4/16/19 14:45	(13.5)	(26.6)	6.9	(29.5)	4/17/19 3:45	16.5	59.8	0.0	76.3
4/16/19 15:00	11.9	(40.9)	(8.3)	(38.7)	4/17/19 4:00	6.1	69.3	(0.0)	74.7
4/16/19 15:15	(8.2)	(13.7)	5.7	(13.1)	4/17/19 4:15	9.6	30.2	0.0	34.3
4/16/19 15:30	10.3	14.9	(9.6)	16.6	4/17/19 4:30	28.8	(13.7)	(0.0)	17.7
4/16/19 15:45	6.7	60.5	8.3	73.4	4/17/19 4:45	26.3	(127.9)	0.0	(101.6)
4/16/19 16:00	4.5	63.8	(13.1)	51.9	4/17/19 5:00	13.5	(13.7)	(0.0)	17.0

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/17/19 5:15	22.0	(101.5)	(0.0)	(79.5)	4/17/19 18:15	(3.3)	21.4	13.1	32.8
4/17/19 5:30	66.1	(45.2)	(0.1)	22.3	4/17/19 18:30	15.1	11.3	11.2	37.5
4/17/19 5:45	46.7	(62.7)	(0.0)	(17.3)	4/17/19 18:45	(11.1)	4.4	11.2	9.3
4/17/19 6:00	41.9	(88.6)	0.0	(46.7)	4/17/19 19:00	17.3	7.8	11.6	36.3
4/17/19 6:15	31.7	(56.9)	0.0	(25.3)	4/17/19 19:15	(9.9)	12.6	13.4	16.1
4/17/19 6:30	18.2	(13.9)	(1.1)	5.2	4/17/19 19:30	(18.6)	14.9	4.9	11.8
4/17/19 6:45	14.4	(1.8)	(4.6)	9.1	4/17/19 19:45	43.6	(44.3)	0.8	13.9
4/17/19 7:00	48.2	11.3	(4.0)	55.5	4/17/19 20:00	29.1	(55.6)	(0.0)	(26.5)
4/17/19 7:15	23.4	10.5	(14.2)	19.8	4/17/19 20:15	10.6	(13.1)	(0.0)	(6.1)
4/17/19 7:30	7.9	1.0	(7.1)	(8.9)	4/17/19 20:30	5.7	(10.9)	(0.0)	(8.6)
4/17/19 7:45	37.1	6.8	(12.1)	30.4	4/17/19 20:45	(10.6)	(30.5)	(0.0)	(41.0)
4/17/19 8:00	(14.8)	(7.7)	(12.6)	(32.8)	4/17/19 21:00	(19.0)	(44.3)	0.0	(63.3)
4/17/19 8:15	11.8	(14.7)	(6.4)	(16.0)	4/17/19 21:15	(30.0)	24.6	(0.0)	(16.9)
4/17/19 8:30	(2.8)	(12.2)	(6.1)	(16.6)	4/17/19 21:30	(19.7)	(21.6)	0.0	(41.3)
4/17/19 8:45	(26.1)	(6.2)	8.5	(23.0)	4/17/19 21:45	(50.8)	(7.3)	(0.0)	(58.1)
4/17/19 9:00	19.7	(8.9)	(8.5)	10.6	4/17/19 22:00	(19.1)	(27.5)	0.0	(46.6)
4/17/19 9:15	(13.5)	21.4	(32.8)	(25.3)	4/17/19 22:15	(36.0)	5.1	0.0	(33.3)
4/17/19 9:30	(36.3)	32.3	9.3	16.8	4/17/19 22:30	(68.1)	45.1	(0.0)	(23.0)
4/17/19 9:45	20.0	(23.1)	(9.9)	(23.5)	4/17/19 22:45	(12.3)	57.6	(0.0)	46.5
4/17/19 10:00	13.8	(12.2)	(9.6)	(10.3)	4/17/19 23:00	(24.2)	213.4	(0.0)	189.2
4/17/19 10:15	(9.7)	2.6	5.0	6.1	4/17/19 23:15	(63.4)	82.7	(0.0)	55.4
4/17/19 10:30	3.1	(6.8)	6.3	3.9	4/17/19 23:30	(17.0)	(56.7)	(0.0)	(73.8)
4/17/19 10:45	14.7	3.6	(1.4)	17.2	4/17/19 23:45	(26.4)	(54.6)	0.0	(80.9)
4/17/19 11:00	(26.1)	1.7	2.2	(24.3)	4/18/19 0:00	(35.5)	(15.9)	(0.0)	(51.4)
4/17/19 11:15	13.0	16.3	(5.0)	20.6	4/18/19 0:15	(10.3)	(35.2)	(0.0)	(39.9)
4/17/19 11:30	10.7	9.3	(10.5)	10.0	4/18/19 0:30	(10.1)	(151.8)	(0.0)	(160.9)
4/17/19 11:45	(22.8)	6.3	3.0	(20.0)	4/18/19 0:45	(18.7)	(27.1)	(0.0)	(45.9)
4/17/19 12:00	(28.3)	9.1	(14.4)	(33.6)	4/18/19 1:00	13.8	(55.7)	0.0	(47.1)
4/17/19 12:15	3.8	(8.7)	(7.5)	(14.2)	4/18/19 1:15	51.8	(50.4)	0.0	4.8
4/17/19 12:30	(20.2)	(8.7)	8.5	(14.9)	4/18/19 1:30	(28.3)	(16.7)	0.0	(39.5)
4/17/19 12:45	9.3	15.5	(4.3)	17.5	4/18/19 1:45	13.0	64.5	0.0	66.1
4/17/19 13:00	4.5	4.9	20.7	28.1	4/18/19 2:00	11.1	110.3	0.0	121.4
4/17/19 13:15	(8.0)	6.0	12.9	21.3	4/18/19 2:15	(8.8)	(111.8)	0.0	(115.1)
4/17/19 13:30	(7.7)	9.2	6.6	10.4	4/18/19 2:30	(13.4)	42.4	0.0	44.3
4/17/19 13:45	(5.7)	5.3	(23.4)	(21.9)	4/18/19 2:45	9.0	17.9	0.0	26.6
4/17/19 14:00	(14.8)	21.4	(16.5)	(8.8)	4/18/19 3:00	(20.5)	(81.7)	(0.0)	(101.2)
4/17/19 14:15	(22.3)	27.3	17.1	34.0	4/18/19 3:15	10.8	(13.8)	0.0	10.7
4/17/19 14:30	6.9	12.3	24.2	41.9	4/18/19 3:30	7.3	57.6	0.0	64.9
4/17/19 14:45	(10.9)	4.0	15.2	12.2	4/18/19 3:45	(17.2)	46.6	0.0	45.2
4/17/19 15:00	(7.2)	(6.2)	16.4	12.0	4/18/19 4:00	32.3	28.1	0.0	53.1
4/17/19 15:15	11.1	8.0	(14.0)	10.0	4/18/19 4:15	23.3	(39.5)	(0.0)	(18.4)
4/17/19 15:30	(15.6)	11.0	5.5	(16.1)	4/18/19 4:30	(14.1)	(48.1)	0.0	(57.3)
4/17/19 15:45	(31.7)	(10.1)	(16.0)	(54.0)	4/18/19 4:45	39.9	(15.7)	0.0	25.3
4/17/19 16:00	39.9	59.3	3.7	100.1	4/18/19 5:00	39.1	(23.9)	(0.0)	17.1
4/17/19 16:15	11.9	66.7	(7.3)	70.7	4/18/19 5:15	35.9	(54.2)	(0.0)	(21.5)
4/17/19 16:30	(21.9)	28.5	5.8	12.9	4/18/19 5:30	14.2	22.7	(0.0)	28.6
4/17/19 16:45	22.8	51.4	18.4	91.2	4/18/19 5:45	44.4	11.1	(0.1)	53.6
4/17/19 17:00	16.3	11.7	21.3	44.1	4/18/19 6:00	53.5	23.3	0.0	76.9
4/17/19 17:15	(24.0)	(5.5)	(9.3)	(29.0)	4/18/19 6:15	18.2	32.2	(0.1)	50.4
4/17/19 17:30	24.8	19.5	(19.1)	28.2	4/18/19 6:30	48.4	16.9	(0.4)	64.7
4/17/19 17:45	(3.9)	60.4	2.2	60.9	4/18/19 6:45	26.2	(5.2)	(5.9)	17.3
4/17/19 18:00	(2.8)	44.9	6.7	48.8	4/18/19 7:00	9.8	(15.2)	(14.6)	(23.5)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/18/19 7:15	27.7	48.2	(18.5)	57.4	4/18/19 20:15	(13.9)	62.9	(0.0)	51.0
4/18/19 7:30	13.4	(10.9)	(20.5)	(16.1)	4/18/19 20:30	(10.5)	70.3	(0.0)	59.8
4/18/19 7:45	(17.7)	41.1	(29.4)	(6.2)	4/18/19 20:45	(39.8)	64.7	0.0	25.4
4/18/19 8:00	13.6	(31.1)	(20.3)	(37.8)	4/18/19 21:00	10.3	57.2	(0.0)	61.2
4/18/19 8:15	6.9	(4.0)	(2.1)	7.5	4/18/19 21:15	(12.4)	62.4	(0.0)	49.9
4/18/19 8:30	(20.5)	(85.5)	(2.8)	(108.8)	4/18/19 21:30	(52.4)	65.6	0.0	13.5
4/18/19 8:45	7.8	(95.4)	(1.5)	(89.9)	4/18/19 21:45	(9.1)	55.2	0.0	46.2
4/18/19 9:00	14.1	(20.1)	(1.5)	(16.5)	4/18/19 22:00	(35.0)	45.1	(0.0)	10.2
4/18/19 9:15	(24.8)	(35.9)	(1.9)	(55.9)	4/18/19 22:15	(50.6)	50.5	0.0	(6.6)
4/18/19 9:30	11.3	(32.6)	1.3	(30.1)	4/18/19 22:30	(62.9)	46.5	0.0	(17.9)
4/18/19 9:45	(28.8)	(15.4)	(9.9)	(52.1)	4/18/19 22:45	(17.3)	39.0	0.0	24.0
4/18/19 10:00	(37.6)	34.0	(6.3)	(13.0)	4/18/19 23:00	(17.5)	(9.2)	(0.0)	(24.4)
4/18/19 10:15	(5.5)	14.9	1.9	13.0	4/18/19 23:15	(22.0)	(25.4)	(0.0)	(47.4)
4/18/19 10:30	4.9	(50.2)	(4.3)	(51.4)	4/18/19 23:30	(65.7)	(24.0)	0.0	(89.7)
4/18/19 10:45	4.5	(26.5)	(1.2)	(23.5)	4/18/19 23:45	(27.4)	23.5	(0.0)	(8.1)
4/18/19 11:00	48.6	(18.7)	2.6	37.1	4/19/19 0:00	(19.8)	32.3	0.0	12.4
4/18/19 11:15	23.5	49.3	1.4	73.6	4/19/19 0:15	17.8	52.5	0.0	68.5
4/18/19 11:30	20.4	(11.6)	1.2	20.8	4/19/19 0:30	(12.1)	70.0	(0.0)	57.9
4/18/19 11:45	21.4	(39.3)	(0.9)	(18.7)	4/19/19 0:45	(8.3)	22.4	(0.0)	23.3
4/18/19 12:00	(25.9)	(17.2)	4.7	(36.5)	4/19/19 1:00	(30.5)	(22.0)	0.0	(52.4)
4/18/19 12:15	(15.0)	(19.3)	5.5	(23.9)	4/19/19 1:15	16.8	24.5	(0.0)	41.2
4/18/19 12:30	(28.4)	42.3	(7.6)	(38.5)	4/19/19 1:30	(4.9)	34.8	0.0	30.3
4/18/19 12:45	14.1	40.2	5.8	54.9	4/19/19 1:45	(12.4)	37.1	0.0	28.6
4/18/19 13:00	19.4	(25.3)	12.8	19.2	4/19/19 2:00	12.0	14.8	0.0	24.6
4/18/19 13:15	(15.8)	6.7	(8.7)	(17.7)	4/19/19 2:15	(15.5)	7.3	0.0	(13.3)
4/18/19 13:30	(8.2)	(5.6)	2.6	(11.9)	4/19/19 2:30	(25.4)	(5.1)	0.0	(29.3)
4/18/19 13:45	(19.2)	4.0	(10.5)	(25.6)	4/19/19 2:45	28.7	(2.8)	0.0	25.9
4/18/19 14:00	9.8	7.4	(7.7)	9.1	4/19/19 3:00	(4.1)	3.8	(0.1)	4.3
4/18/19 14:15	(18.4)	(4.7)	2.3	(21.2)	4/19/19 3:15	(37.0)	1.1	0.1	(36.5)
4/18/19 14:30	(43.3)	15.1	18.2	(22.1)	4/19/19 3:30	27.1	(1.2)	0.1	26.7
4/18/19 14:45	36.6	2.4	40.2	76.7	4/19/19 3:45	10.0	(3.0)	0.0	7.7
4/18/19 15:00	3.7	(11.4)	(16.1)	(24.9)	4/19/19 4:00	(9.2)	(2.9)	(0.0)	(9.9)
4/18/19 15:15	(28.0)	(3.7)	1.3	(28.7)	4/19/19 4:15	29.7	(8.6)	0.0	21.2
4/18/19 15:30	25.6	(4.7)	2.1	22.4	4/19/19 4:30	17.3	(6.5)	0.0	10.9
4/18/19 15:45	5.9	(0.7)	(2.2)	5.4	4/19/19 4:45	22.0	(27.0)	0.0	(14.0)
4/18/19 16:00	(15.1)	1.1	(2.0)	(13.9)	4/19/19 5:00	26.5	(24.5)	(0.0)	(12.3)
4/18/19 16:15	44.3	0.4	(4.1)	40.3	4/19/19 5:15	39.4	(29.3)	(0.0)	10.1
4/18/19 16:30	19.3	1.1	(24.2)	(8.7)	4/19/19 5:30	16.9	(29.6)	(0.1)	(15.1)
4/18/19 16:45	(14.6)	(1.5)	(18.2)	(31.8)	4/19/19 5:45	45.0	(30.7)	0.1	20.7
4/18/19 17:00	16.1	(1.5)	2.3	17.3	4/19/19 6:00	43.9	(38.0)	(0.0)	6.7
4/18/19 17:15	(13.6)	23.5	2.0	12.1	4/19/19 6:15	50.0	(33.9)	(0.1)	20.4
4/18/19 17:30	(15.1)	7.4	2.1	(9.8)	4/19/19 6:30	16.8	(19.1)	(1.8)	(15.3)
4/18/19 17:45	31.0	(1.6)	9.7	39.7	4/19/19 6:45	27.0	(8.2)	(8.2)	11.3
4/18/19 18:00	7.8	6.4	20.9	31.5	4/19/19 7:00	18.3	(7.1)	(17.3)	(9.3)
4/18/19 18:15	(15.7)	14.8	25.0	24.1	4/19/19 7:15	(19.3)	18.5	(20.8)	(21.2)
4/18/19 18:30	24.1	13.4	21.3	58.8	4/19/19 7:30	11.2	10.1	(21.9)	(13.6)
4/18/19 18:45	16.5	8.4	20.8	45.7	4/19/19 7:45	(9.3)	10.2	(23.0)	(22.1)
4/18/19 19:00	(16.4)	7.0	16.3	18.9	4/19/19 8:00	(26.2)	35.7	(20.0)	(19.9)
4/18/19 19:15	32.9	17.1	12.7	62.7	4/19/19 8:15	30.4	35.0	(15.7)	49.4
4/18/19 19:30	14.0	33.1	4.2	49.5	4/19/19 8:30	(2.3)	8.3	(5.3)	2.1
4/18/19 19:45	(47.2)	43.8	0.8	(13.4)	4/19/19 8:45	(26.7)	2.3	(1.8)	(26.7)
4/18/19 20:00	20.7	60.2	0.0	74.4	4/19/19 9:00	15.5	3.7	(0.8)	17.4

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/19/19 9:15	1.5	12.0	(0.7)	12.5	4/19/19 22:15	(14.2)	(65.1)	0.0	(77.8)
4/19/19 9:30	(21.0)	8.6	(0.4)	(14.8)	4/19/19 22:30	(32.4)	(80.4)	0.0	(112.8)
4/19/19 9:45	22.5	11.7	0.6	34.7	4/19/19 22:45	(52.7)	(87.8)	(0.0)	(140.5)
4/19/19 10:00	16.4	22.9	(0.3)	39.1	4/19/19 23:00	44.2	(61.0)	(0.0)	(18.5)
4/19/19 10:15	(31.4)	18.2	(0.2)	(13.8)	4/19/19 23:15	(27.5)	(44.2)	(0.0)	(71.6)
4/19/19 10:30	12.8	4.7	(0.2)	15.2	4/19/19 23:30	(35.6)	(41.6)	0.0	(77.2)
4/19/19 10:45	(5.6)	5.7	0.1	6.3	4/19/19 23:45	11.7	10.8	(0.0)	21.8
4/19/19 11:00	(18.7)	(10.5)	0.2	(28.6)	4/20/19 0:00	(18.2)	2.8	0.0	(18.8)
4/19/19 11:15	11.7	(21.7)	(0.2)	(19.3)	4/20/19 0:15	(29.1)	7.6	(0.0)	(21.6)
4/19/19 11:30	6.6	(15.0)	0.1	(9.5)	4/20/19 0:30	7.6	3.3	0.0	8.3
4/19/19 11:45	(24.1)	(16.2)	(0.0)	(40.2)	4/20/19 0:45	(8.0)	(9.9)	(0.0)	(17.9)
4/19/19 12:00	29.6	(20.3)	0.1	13.5	4/20/19 1:00	(27.2)	(12.8)	0.0	(40.0)
4/19/19 12:15	(4.0)	7.0	0.3	8.3	4/20/19 1:15	(28.5)	21.8	0.0	(23.5)
4/19/19 12:30	(12.5)	19.3	0.1	15.9	4/20/19 1:30	(9.6)	20.9	0.0	23.0
4/19/19 12:45	14.5	1.7	(0.1)	15.6	4/20/19 1:45	(19.2)	(2.4)	0.0	(21.2)
4/19/19 13:00	7.2	6.7	0.1	12.2	4/20/19 2:00	(21.6)	13.8	0.0	(9.4)
4/19/19 13:15	(21.0)	(16.9)	0.4	(37.6)	4/20/19 2:15	(9.8)	6.9	(0.0)	(5.1)
4/19/19 13:30	17.3	(5.2)	0.4	17.1	4/20/19 2:30	(6.2)	8.4	(0.0)	2.8
4/19/19 13:45	3.6	4.2	0.1	6.1	4/20/19 2:45	(22.9)	7.1	(0.0)	(17.3)
4/19/19 14:00	(19.9)	(5.0)	0.1	(24.0)	4/20/19 3:00	9.4	(8.2)	0.0	(7.1)
4/19/19 14:15	15.2	13.5	0.1	23.4	4/20/19 3:15	5.2	(9.3)	0.0	(6.8)
4/19/19 14:30	16.0	13.9	0.3	30.2	4/20/19 3:30	(10.3)	(5.9)	(0.0)	(8.9)
4/19/19 14:45	11.7	4.7	4.8	19.1	4/20/19 3:45	9.2	(15.0)	0.0	(11.5)
4/19/19 15:00	(18.8)	7.0	(5.0)	(22.9)	4/20/19 4:00	16.7	(10.3)	(0.0)	12.1
4/19/19 15:15	15.5	13.8	(0.7)	28.7	4/20/19 4:15	(18.0)	34.7	0.0	22.2
4/19/19 15:30	14.6	(7.4)	(0.2)	11.9	4/20/19 4:30	20.0	31.2	(0.0)	51.2
4/19/19 15:45	(15.6)	(4.9)	0.3	(17.9)	4/20/19 4:45	6.7	28.1	(0.0)	32.3
4/19/19 16:00	33.5	18.2	0.3	52.0	4/20/19 5:00	6.1	36.4	(0.0)	37.8
4/19/19 16:15	15.6	28.0	0.4	44.0	4/20/19 5:15	24.3	66.3	(0.0)	90.7
4/19/19 16:30	(19.4)	4.4	0.6	(17.8)	4/20/19 5:30	19.3	48.5	0.0	67.8
4/19/19 16:45	14.1	(1.4)	0.7	13.8	4/20/19 5:45	(27.9)	19.2	(0.0)	(15.7)
4/19/19 17:00	5.7	17.0	1.4	24.1	4/20/19 6:00	(19.1)	23.0	0.0	25.4
4/19/19 17:15	(13.1)	7.9	2.1	10.0	4/20/19 6:15	18.6	50.5	(0.0)	69.1
4/19/19 17:30	27.6	21.6	3.0	52.1	4/20/19 6:30	10.6	53.4	(1.7)	62.4
4/19/19 17:45	17.6	15.5	8.5	41.5	4/20/19 6:45	(26.2)	54.1	(5.2)	22.7
4/19/19 18:00	(27.1)	18.8	20.6	16.9	4/20/19 7:00	30.4	34.4	(14.0)	50.7
4/19/19 18:15	(9.7)	20.1	28.3	47.9	4/20/19 7:15	35.6	21.6	(25.7)	31.5
4/19/19 18:30	7.5	18.3	20.6	46.5	4/20/19 7:30	14.3	15.3	(21.3)	9.4
4/19/19 18:45	(15.8)	10.5	15.5	16.7	4/20/19 7:45	19.4	14.8	(27.2)	9.8
4/19/19 19:00	12.9	(4.2)	15.1	21.1	4/20/19 8:00	30.6	24.9	(9.2)	46.4
4/19/19 19:15	(4.7)	(0.6)	13.2	8.9	4/20/19 8:15	16.2	21.4	(13.4)	24.8
4/19/19 19:30	(17.9)	(3.2)	4.8	(18.2)	4/20/19 8:30	10.1	5.2	(4.5)	11.2
4/19/19 19:45	40.8	(8.9)	0.9	33.1	4/20/19 8:45	24.4	4.7	(6.5)	21.3
4/19/19 20:00	31.2	(11.8)	0.0	19.4	4/20/19 9:00	(24.7)	17.3	(5.7)	(14.0)
4/19/19 20:15	(14.4)	(9.1)	0.0	(19.3)	4/20/19 9:15	12.1	(12.0)	25.5	21.8
4/19/19 20:30	(7.1)	(26.0)	(0.0)	(26.1)	4/20/19 9:30	14.2	(26.1)	(16.6)	(19.5)
4/19/19 20:45	(14.4)	(27.9)	(0.0)	(42.3)	4/20/19 9:45	16.6	10.2	(12.3)	20.7
4/19/19 21:00	(36.2)	(30.1)	0.0	(66.3)	4/20/19 10:00	20.6	20.0	(8.8)	32.6
4/19/19 21:15	(22.6)	(34.9)	(0.0)	(53.3)	4/20/19 10:15	(19.7)	15.7	7.7	7.1
4/19/19 21:30	(23.9)	(51.4)	0.0	(73.5)	4/20/19 10:30	26.8	14.4	(7.1)	38.9
4/19/19 21:45	(35.3)	(70.3)	0.0	(105.6)	4/20/19 10:45	6.4	7.4	12.0	23.4
4/19/19 22:00	(47.8)	(76.7)	(0.0)	(124.5)	4/20/19 11:00	(17.6)	(2.2)	(4.0)	(22.9)

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	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/20/19 11:15	16.4	(5.3)	(10.8)	(6.8)	4/21/19 0:15	(21.1)	12.1	0.0	(13.8)
4/20/19 11:30	8.7	1.0	(4.7)	6.8	4/21/19 0:30	(40.0)	(12.5)	(0.0)	(48.0)
4/20/19 11:45	(13.3)	3.5	4.1	(9.3)	4/21/19 0:45	(10.1)	(111.6)	(0.0)	(118.0)
4/20/19 12:00	(6.8)	5.2	3.6	9.3	4/21/19 1:00	(12.3)	(31.6)	(0.0)	(38.4)
4/20/19 12:15	12.2	6.3	(7.7)	13.2	4/21/19 1:15	(34.7)	57.4	0.0	22.6
4/20/19 12:30	(24.6)	2.2	2.6	(24.1)	4/21/19 1:30	11.9	(63.3)	(0.0)	(56.2)
4/20/19 12:45	14.6	(11.0)	14.0	19.3	4/21/19 1:45	(2.4)	(45.5)	0.0	(47.4)
4/20/19 13:00	9.5	3.1	9.0	19.4	4/21/19 2:00	(34.6)	25.7	0.0	(18.0)
4/20/19 13:15	12.2	6.1	20.0	37.8	4/21/19 2:15	18.0	31.0	(0.0)	34.9
4/20/19 13:30	(13.0)	3.9	(2.8)	(11.6)	4/21/19 2:30	22.4	(35.8)	0.0	(27.4)
4/20/19 13:45	15.8	(2.5)	(5.8)	12.2	4/21/19 2:45	5.8	19.8	(0.0)	19.6
4/20/19 14:00	(16.7)	7.8	(2.8)	(10.0)	4/21/19 3:00	(39.4)	24.0	(0.0)	(23.4)
4/20/19 14:15	(22.5)	4.6	6.0	(13.1)	4/21/19 3:15	31.3	(12.4)	0.0	21.2
4/20/19 14:30	6.3	2.9	(2.8)	7.1	4/21/19 3:30	(4.9)	17.3	(0.0)	15.3
4/20/19 14:45	11.7	2.8	2.0	15.8	4/21/19 3:45	(25.6)	(16.2)	0.0	(39.0)
4/20/19 15:00	19.6	(0.9)	7.8	27.3	4/21/19 4:00	16.6	(7.7)	(0.0)	15.6
4/20/19 15:15	18.8	2.4	(13.2)	8.8	4/21/19 4:15	14.5	(30.6)	0.0	(18.3)
4/20/19 15:30	6.7	(2.7)	(4.6)	1.8	4/21/19 4:30	2.0	3.8	(0.0)	4.5
4/20/19 15:45	17.5	(2.1)	18.6	34.8	4/21/19 4:45	(33.5)	28.4	0.0	(5.2)
4/20/19 16:00	13.8	5.9	10.2	29.4	4/21/19 5:00	40.2	10.6	(0.0)	43.5
4/20/19 16:15	38.0	(27.2)	(8.9)	8.6	4/21/19 5:15	16.6	(22.5)	(0.0)	(10.2)
4/20/19 16:30	(23.1)	(3.6)	7.7	(21.8)	4/21/19 5:30	(8.7)	6.1	0.0	4.6
4/20/19 16:45	19.5	(12.5)	21.2	25.9	4/21/19 5:45	22.8	7.0	(0.0)	25.9
4/20/19 17:00	(10.7)	(17.1)	(15.6)	(42.2)	4/21/19 6:00	21.7	(27.5)	(0.0)	(17.9)
4/20/19 17:15	9.3	(4.6)	17.8	23.8	4/21/19 6:15	(10.0)	(33.7)	(0.0)	(36.7)
4/20/19 17:30	(13.5)	(10.8)	27.7	9.1	4/21/19 6:30	(17.2)	26.8	(1.6)	18.7
4/20/19 17:45	19.6	(32.3)	6.2	(18.4)	4/21/19 6:45	15.8	(20.1)	(7.8)	(18.0)
4/20/19 18:00	(7.8)	(55.8)	7.8	(55.8)	4/21/19 7:00	18.6	15.0	(15.0)	16.0
4/20/19 18:15	(27.7)	(48.8)	11.1	(64.3)	4/21/19 7:15	30.3	21.2	(13.1)	37.2
4/20/19 18:30	28.8	14.2	1.4	43.4	4/21/19 7:30	5.2	(24.8)	2.0	(19.9)
4/20/19 18:45	8.9	(33.8)	1.5	(27.7)	4/21/19 7:45	11.5	12.1	(4.0)	18.2
4/20/19 19:00	(17.5)	(79.2)	0.5	(95.8)	4/21/19 8:00	17.6	27.2	(14.8)	29.9
4/20/19 19:15	20.3	(12.5)	2.7	18.1	4/21/19 8:15	15.5	(21.7)	(19.0)	(24.6)
4/20/19 19:30	28.8	(11.8)	2.4	25.8	4/21/19 8:30	(8.2)	(76.4)	(8.5)	(85.5)
4/20/19 19:45	18.2	(41.4)	0.2	(26.7)	4/21/19 8:45	22.7	(48.7)	36.4	19.6
4/20/19 20:00	(26.3)	(25.6)	(0.0)	(51.3)	4/21/19 9:00	13.2	(60.5)	8.8	(40.2)
4/20/19 20:15	29.0	(23.2)	(0.0)	8.5	4/21/19 9:15	7.5	(6.5)	14.3	14.3
4/20/19 20:30	(5.9)	36.4	0.0	30.5	4/21/19 9:30	16.6	18.9	(5.7)	27.8
4/20/19 20:45	(29.3)	54.0	0.0	24.7	4/21/19 9:45	3.4	20.8	(7.2)	19.3
4/20/19 21:00	9.1	35.7	(0.0)	35.0	4/21/19 10:00	(15.6)	13.7	(16.8)	(24.0)
4/20/19 21:15	(13.9)	(32.5)	(0.0)	(46.2)	4/21/19 10:15	20.9	10.4	(1.9)	30.0
4/20/19 21:30	(42.7)	27.4	(0.0)	(23.3)	4/21/19 10:30	(30.9)	36.3	0.6	23.5
4/20/19 21:45	(19.9)	(8.1)	(0.0)	(26.3)	4/21/19 10:45	(14.8)	28.4	(0.7)	16.5
4/20/19 22:00	(15.5)	(11.0)	0.0	(23.7)	4/21/19 11:00	15.8	13.4	0.2	28.2
4/20/19 22:15	(24.4)	47.7	0.0	26.5	4/21/19 11:15	17.6	(13.2)	6.2	11.7
4/20/19 22:30	(48.4)	32.2	(0.0)	(21.6)	4/21/19 11:30	(13.6)	26.2	4.5	21.9
4/20/19 22:45	(46.8)	(50.2)	(0.0)	(97.0)	4/21/19 11:45	40.7	44.4	(10.2)	74.9
4/20/19 23:00	(18.9)	(38.6)	(0.0)	(57.5)	4/21/19 12:00	17.4	19.8	(46.0)	(11.1)
4/20/19 23:15	7.7	(35.8)	(0.0)	(30.8)	4/21/19 12:15	(9.3)	17.9	20.5	35.5
4/20/19 23:30	(25.9)	(44.4)	(0.0)	(70.3)	4/21/19 12:30	11.0	21.1	3.3	34.9
4/20/19 23:45	(42.2)	(87.1)	0.0	(125.0)	4/21/19 12:45	32.4	(15.9)	(17.6)	(12.6)
4/21/19 0:00	47.2	(46.2)	(0.0)	(13.3)	4/21/19 13:00	(12.2)	11.5	(23.3)	(25.0)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/21/19 13:15	(31.3)	(56.1)	(8.2)	(88.9)	4/22/19 2:15	(8.0)	14.8	0.0	12.4
4/21/19 13:30	16.6	(11.1)	(7.2)	(6.2)	4/22/19 2:30	5.9	6.9	(0.0)	12.2
4/21/19 13:45	(7.7)	(26.2)	7.9	(25.7)	4/22/19 2:45	32.4	(38.0)	(0.0)	(6.6)
4/21/19 14:00	(25.8)	(23.9)	(12.1)	(61.8)	4/22/19 3:00	9.2	9.2	0.0	17.2
4/21/19 14:15	16.6	(59.4)	16.1	(30.2)	4/22/19 3:15	20.0	(2.1)	(0.0)	19.6
4/21/19 14:30	(5.7)	70.1	19.4	82.6	4/22/19 3:30	(3.6)	6.9	0.0	4.8
4/21/19 14:45	(30.4)	63.4	(16.2)	18.0	4/22/19 3:45	(8.1)	7.0	(0.0)	(3.0)
4/21/19 15:00	9.1	(91.6)	13.8	(76.4)	4/22/19 4:00	17.5	(18.0)	(0.0)	(3.4)
4/21/19 15:15	19.1	(66.1)	38.5	(26.0)	4/22/19 4:15	15.6	(15.3)	(0.0)	(4.9)
4/21/19 15:30	(20.3)	20.6	6.1	9.9	4/22/19 4:30	(11.1)	(7.8)	(0.0)	(8.7)
4/21/19 15:45	(12.1)	26.1	(5.8)	19.8	4/22/19 4:45	39.2	(41.0)	(0.0)	(5.3)
4/21/19 16:00	31.3	(23.1)	13.9	21.8	4/22/19 5:00	29.2	(18.7)	(0.0)	11.8
4/21/19 16:15	(2.5)	(4.9)	13.0	9.2	4/22/19 5:15	38.5	13.2	0.0	49.5
4/21/19 16:30	(22.5)	26.9	(11.6)	(10.9)	4/22/19 5:30	44.7	(32.5)	(0.0)	12.2
4/21/19 16:45	22.5	(26.5)	(15.1)	(18.4)	4/22/19 5:45	42.2	(39.2)	(0.0)	3.7
4/21/19 17:00	10.3	(17.1)	10.6	3.7	4/22/19 6:00	25.6	(20.3)	(0.0)	12.7
4/21/19 17:15	(14.4)	24.0	(37.8)	(28.1)	4/22/19 6:15	19.8	(30.1)	0.0	(15.7)
4/21/19 17:30	18.7	28.0	(19.3)	27.6	4/22/19 6:30	31.0	(6.4)	(0.1)	29.7
4/21/19 17:45	7.1	19.6	8.3	32.1	4/22/19 6:45	6.2	(4.0)	(1.3)	4.6
4/21/19 18:00	(30.5)	(16.7)	8.3	(40.3)	4/22/19 7:00	48.8	23.1	(2.0)	69.8
4/21/19 18:15	23.6	(32.9)	14.9	11.8	4/22/19 7:15	44.1	34.8	(0.8)	78.2
4/21/19 18:30	22.8	(53.8)	24.2	(8.8)	4/22/19 7:30	20.5	24.5	(3.3)	42.2
4/21/19 18:45	(15.1)	(17.8)	19.5	(13.8)	4/22/19 7:45	(18.4)	(17.0)	(2.5)	(34.0)
4/21/19 19:00	19.2	(23.3)	13.8	10.5	4/22/19 8:00	17.6	10.7	(5.9)	21.7
4/21/19 19:15	18.6	(25.3)	9.1	4.6	4/22/19 8:15	13.1	(21.1)	(5.2)	(15.4)
4/21/19 19:30	(20.3)	14.0	4.7	(7.4)	4/22/19 8:30	28.6	11.4	(14.4)	25.2
4/21/19 19:45	30.8	(95.3)	0.8	(65.4)	4/22/19 8:45	28.4	23.4	(14.6)	37.2
4/21/19 20:00	44.8	(18.9)	0.0	34.0	4/22/19 9:00	17.0	4.5	14.5	35.9
4/21/19 20:15	41.2	24.6	0.0	65.8	4/22/19 9:15	(17.0)	6.5	11.8	12.7
4/21/19 20:30	(10.0)	13.0	(0.0)	(13.7)	4/22/19 9:30	(13.0)	16.2	(3.5)	(5.0)
4/21/19 20:45	(21.9)	(39.7)	(0.0)	(58.5)	4/22/19 9:45	(25.9)	6.7	(8.6)	(28.1)
4/21/19 21:00	(10.2)	(27.3)	(0.0)	(33.5)	4/22/19 10:00	(18.0)	16.2	(9.6)	(15.9)
4/21/19 21:15	(16.9)	7.8	0.0	(14.2)	4/22/19 10:15	11.9	7.7	(13.8)	(9.0)
4/21/19 21:30	(52.4)	62.1	0.0	10.6	4/22/19 10:30	9.6	10.2	(6.3)	13.7
4/21/19 21:45	(13.5)	9.2	(0.0)	(5.1)	4/22/19 10:45	(7.5)	13.8	1.7	9.8
4/21/19 22:00	(29.1)	20.0	0.0	(9.8)	4/22/19 11:00	27.4	41.6	(5.6)	63.4
4/21/19 22:15	(45.6)	31.2	(0.0)	(14.9)	4/22/19 11:15	25.7	42.5	(4.2)	63.7
4/21/19 22:30	(17.5)	17.8	0.0	7.9	4/22/19 11:30	2.2	56.0	(3.2)	54.2
4/21/19 22:45	(23.8)	30.4	0.0	10.0	4/22/19 11:45	(30.7)	94.3	2.0	65.4
4/21/19 23:00	(58.7)	16.6	(0.0)	(43.0)	4/22/19 12:00	34.4	56.2	(3.6)	88.6
4/21/19 23:15	(14.6)	9.4	(0.0)	(6.3)	4/22/19 12:15	13.0	62.8	(4.4)	72.0
4/21/19 23:30	(10.5)	13.5	(0.0)	8.9	4/22/19 12:30	(26.2)	43.1	9.2	26.5
4/21/19 23:45	(19.8)	8.4	(0.0)	(11.4)	4/22/19 12:45	14.5	26.7	13.0	46.8
4/22/19 0:00	(35.7)	35.5	0.0	(13.1)	4/22/19 13:00	15.3	30.1	3.3	46.6
4/22/19 0:15	(14.8)	41.6	(0.0)	33.0	4/22/19 13:15	13.3	33.1	(3.3)	44.0
4/22/19 0:30	(12.3)	34.9	0.0	24.4	4/22/19 13:30	(15.4)	9.3	(13.4)	(23.3)
4/22/19 0:45	(20.8)	17.8	(0.0)	(8.2)	4/22/19 13:45	7.4	(5.1)	15.5	14.2
4/22/19 1:00	5.2	(7.6)	(0.0)	(11.5)	4/22/19 14:00	(3.6)	22.7	(6.1)	15.5
4/22/19 1:15	(4.6)	(11.2)	(0.0)	(14.9)	4/22/19 14:15	(28.3)	17.7	(6.3)	(17.3)
4/22/19 1:30	(14.7)	(5.6)	0.0	(18.9)	4/22/19 14:30	(26.2)	14.2	2.6	(9.7)
4/22/19 1:45	9.2	(2.4)	0.0	11.1	4/22/19 14:45	(21.1)	5.9	(3.5)	(17.1)
4/22/19 2:00	(8.4)	7.1	0.0	(4.6)	4/22/19 15:00	6.1	12.1	5.0	22.4

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	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/22/19 15:15	(2.4)	(5.8)	10.4	4.3	4/23/19 4:15	11.6	(9.8)	(0.0)	(8.7)
4/22/19 15:30	(3.7)	(12.8)	3.0	(16.7)	4/23/19 4:30	14.2	(8.4)	0.0	(17.8)
4/22/19 15:45	27.4	14.0	1.7	41.4	4/23/19 4:45	32.1	(1.1)	(0.0)	31.4
4/22/19 16:00	9.7	(1.8)	10.9	15.9	4/23/19 5:00	33.8	(8.9)	(0.0)	24.9
4/22/19 16:15	20.3	(7.2)	(14.6)	(3.1)	4/23/19 5:15	29.5	(8.0)	(0.1)	21.4
4/22/19 16:30	(12.5)	(16.5)	11.3	(14.2)	4/23/19 5:30	54.9	4.7	(0.1)	59.1
4/22/19 16:45	13.9	(1.5)	5.7	12.9	4/23/19 5:45	47.9	17.3	(0.0)	65.2
4/22/19 17:00	20.6	(4.2)	(4.2)	13.6	4/23/19 6:00	27.2	(2.5)	0.0	25.9
4/22/19 17:15	11.9	8.4	10.0	27.2	4/23/19 6:15	57.1	(0.6)	0.1	56.9
4/22/19 17:30	(15.1)	17.3	21.6	25.0	4/23/19 6:30	(2.9)	(2.0)	(0.3)	(3.1)
4/22/19 17:45	26.1	26.2	(10.5)	41.7	4/23/19 6:45	47.9	(8.9)	(2.0)	37.1
4/22/19 18:00	(6.3)	33.3	11.3	43.5	4/23/19 7:00	(16.6)	(17.6)	(3.4)	(34.4)
4/22/19 18:15	(24.7)	29.4	7.8	18.3	4/23/19 7:15	20.8	(3.4)	(3.4)	15.3
4/22/19 18:30	22.7	33.6	4.7	60.4	4/23/19 7:30	(5.1)	5.4	(2.9)	5.6
4/22/19 18:45	3.8	13.6	2.0	18.9	4/23/19 7:45	(23.8)	(5.6)	(2.9)	(32.2)
4/22/19 19:00	(22.5)	(5.6)	1.4	(26.7)	4/23/19 8:00	(14.9)	(4.9)	(3.0)	(20.5)
4/22/19 19:15	14.1	(7.0)	1.4	12.7	4/23/19 8:15	(6.2)	(1.8)	(3.9)	(11.0)
4/22/19 19:30	15.1	6.5	1.2	19.1	4/23/19 8:30	(9.3)	(29.9)	(5.0)	(37.1)
4/22/19 19:45	8.8	17.1	0.2	19.4	4/23/19 8:45	(14.8)	(66.1)	(6.3)	(87.2)
4/22/19 20:00	29.8	15.4	0.0	45.2	4/23/19 9:00	12.4	(80.5)	(4.9)	(73.1)
4/22/19 20:15	(1.8)	15.1	(0.0)	13.3	4/23/19 9:15	15.2	(67.9)	2.2	(51.5)
4/22/19 20:30	(31.1)	13.0	(0.0)	(21.8)	4/23/19 9:30	(44.5)	(64.3)	(2.5)	(109.4)
4/22/19 20:45	(8.6)	11.4	(0.0)	13.8	4/23/19 9:45	(13.5)	(48.7)	(7.2)	(60.4)
4/22/19 21:00	(16.8)	22.9	0.0	6.0	4/23/19 10:00	(3.8)	(12.4)	(3.9)	(16.7)
4/22/19 21:15	(57.1)	12.6	(0.1)	(44.6)	4/23/19 10:15	(18.3)	26.4	(18.5)	(16.2)
4/22/19 21:30	(29.3)	3.2	0.1	(26.1)	4/23/19 10:30	17.4	19.3	(17.3)	16.3
4/22/19 21:45	(21.1)	4.6	0.1	(16.5)	4/23/19 10:45	15.6	3.8	5.8	20.7
4/22/19 22:00	(32.4)	3.7	0.0	(28.7)	4/23/19 11:00	(23.2)	26.3	8.5	12.6
4/22/19 22:15	(53.7)	(3.5)	0.0	(57.1)	4/23/19 11:15	(6.8)	4.4	(3.8)	(4.4)
4/22/19 22:30	(35.5)	(6.8)	(0.0)	(42.3)	4/23/19 11:30	(19.5)	(1.7)	(6.4)	(24.8)
4/22/19 22:45	(24.1)	(1.5)	(0.0)	(24.7)	4/23/19 11:45	(19.4)	6.2	(4.1)	(15.7)
4/22/19 23:00	(27.9)	1.3	(0.0)	(27.0)	4/23/19 12:00	20.3	29.2	7.9	52.9
4/22/19 23:15	(27.2)	9.0	(0.0)	(19.6)	4/23/19 12:15	3.0	21.4	(7.2)	15.0
4/22/19 23:30	(18.3)	18.6	(0.0)	3.1	4/23/19 12:30	(29.1)	11.3	(12.4)	(30.4)
4/22/19 23:45	(43.6)	14.5	0.0	(29.1)	4/23/19 12:45	27.3	3.6	(10.3)	21.4
4/23/19 0:00	(13.7)	8.5	(0.0)	(8.6)	4/23/19 13:00	16.4	17.5	(6.5)	28.2
4/23/19 0:15	(19.3)	(2.7)	0.0	(21.1)	4/23/19 13:15	16.0	16.6	2.9	27.8
4/23/19 0:30	(28.6)	(6.8)	(0.0)	(35.4)	4/23/19 13:30	(13.8)	13.2	5.2	24.8
4/23/19 0:45	(10.7)	2.1	(0.0)	(9.2)	4/23/19 13:45	13.8	17.6	1.6	32.7
4/23/19 1:00	(7.2)	(8.7)	0.0	(14.7)	4/23/19 14:00	(6.5)	15.1	(2.8)	12.4
4/23/19 1:15	(17.1)	2.0	(0.0)	(15.3)	4/23/19 14:15	(11.6)	14.3	2.9	18.3
4/23/19 1:30	14.6	(2.2)	0.0	12.6	4/23/19 14:30	8.9	15.2	5.7	29.5
4/23/19 1:45	(1.5)	2.9	0.0	3.5	4/23/19 14:45	(12.6)	5.7	(1.9)	(11.7)
4/23/19 2:00	(14.7)	10.8	0.0	(6.7)	4/23/19 15:00	16.5	12.8	(6.7)	22.6
4/23/19 2:15	(8.1)	4.9	0.0	6.3	4/23/19 15:15	12.5	15.1	(5.5)	22.5
4/23/19 2:30	5.9	(2.6)	0.0	3.4	4/23/19 15:30	(13.7)	4.6	4.1	(10.3)
4/23/19 2:45	5.1	1.3	(0.0)	5.7	4/23/19 15:45	20.4	3.6	6.3	28.6
4/23/19 3:00	(19.1)	5.2	0.0	(15.7)	4/23/19 16:00	12.2	(21.5)	2.3	(8.6)
4/23/19 3:15	(44.0)	6.3	(0.0)	(38.2)	4/23/19 16:15	(20.6)	(23.7)	10.5	(30.6)
4/23/19 3:30	(7.4)	(0.9)	0.0	(7.3)	4/23/19 16:30	24.4	(35.3)	8.3	(8.1)
4/23/19 3:45	(9.1)	(9.0)	(0.0)	(15.1)	4/23/19 16:45	9.4	(38.3)	11.0	(18.7)
4/23/19 4:00	15.1	(7.8)	(0.0)	7.3	4/23/19 17:00	(21.5)	(47.3)	3.0	(66.2)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/23/19 17:15	9.9	(38.0)	(4.0)	(34.3)	4/24/19 6:15	47.5	14.6	(0.6)	61.3
4/23/19 17:30	28.0	(6.8)	1.1	26.1	4/24/19 6:30	31.2	11.0	(2.9)	39.3
4/23/19 17:45	(22.3)	(11.5)	0.7	(31.9)	4/24/19 6:45	24.3	5.0	(9.0)	20.3
4/23/19 18:00	22.5	(12.9)	4.2	13.5	4/24/19 7:00	(13.1)	23.6	(12.2)	14.7
4/23/19 18:15	3.7	(37.3)	18.4	(18.3)	4/24/19 7:15	(20.8)	43.6	(14.4)	20.7
4/23/19 18:30	(16.5)	(29.8)	8.6	(36.5)	4/24/19 7:30	11.2	55.9	(20.1)	46.9
4/23/19 18:45	28.4	(22.1)	9.2	23.5	4/24/19 7:45	(8.5)	45.8	(15.3)	21.9
4/23/19 19:00	7.0	(15.1)	14.3	10.6	4/24/19 8:00	7.2	13.5	(18.5)	(8.7)
4/23/19 19:15	(17.8)	(40.3)	12.1	(43.0)	4/24/19 8:15	23.2	(10.8)	16.0	28.7
4/23/19 19:30	28.3	(45.9)	2.9	(14.7)	4/24/19 8:30	(9.0)	12.7	(13.5)	(17.0)
4/23/19 19:45	15.9	(59.4)	1.0	(42.5)	4/24/19 8:45	11.9	15.1	(9.2)	21.7
4/23/19 20:00	(14.3)	(65.1)	0.1	(78.2)	4/24/19 9:00	9.8	8.6	(10.2)	7.9
4/23/19 20:15	25.5	(40.6)	0.1	(15.3)	4/24/19 9:15	(16.2)	13.1	5.5	6.7
4/23/19 20:30	(7.6)	(41.3)	0.0	(48.8)	4/24/19 9:30	3.8	6.6	(6.2)	7.4
4/23/19 20:45	(26.6)	(34.6)	0.0	(61.1)	4/24/19 9:45	18.1	5.1	(12.4)	11.4
4/23/19 21:00	(19.0)	(11.9)	(0.0)	(30.9)	4/24/19 10:00	5.9	1.0	(1.3)	5.9
4/23/19 21:15	(19.0)	(3.4)	0.0	(22.1)	4/24/19 10:15	(9.8)	1.8	(3.0)	(10.9)
4/23/19 21:30	(49.9)	(6.3)	(0.0)	(56.2)	4/24/19 10:30	2.7	3.5	3.6	9.0
4/23/19 21:45	(14.4)	8.2	0.0	(6.2)	4/24/19 10:45	(4.5)	1.0	(3.6)	(7.7)
4/23/19 22:00	(34.7)	21.9	(0.0)	(12.8)	4/24/19 11:00	10.2	2.2	(4.8)	8.9
4/23/19 22:15	(42.7)	34.0	(0.0)	(9.8)	4/24/19 11:15	3.6	3.9	(2.5)	4.5
4/23/19 22:30	(32.5)	44.2	0.0	13.3	4/24/19 11:30	(1.0)	(0.8)	(3.5)	(4.3)
4/23/19 22:45	(25.6)	38.4	(0.0)	12.7	4/24/19 11:45	(5.0)	(6.4)	(5.2)	(15.9)
4/23/19 23:00	(58.1)	57.7	(0.0)	(7.8)	4/24/19 12:00	(3.6)	(4.9)	4.4	(5.7)
4/23/19 23:15	(31.7)	55.5	(0.0)	23.7	4/24/19 12:15	(4.1)	(12.0)	15.0	4.7
4/23/19 23:30	(25.6)	40.0	(0.0)	14.4	4/24/19 12:30	10.5	(3.0)	(8.5)	4.6
4/23/19 23:45	(43.9)	32.6	0.0	(12.4)	4/24/19 12:45	9.1	(10.4)	7.3	5.8
4/24/19 0:00	5.8	25.5	(0.0)	26.5	4/24/19 13:00	19.3	(2.1)	(10.9)	10.1
4/24/19 0:15	(14.0)	29.5	(0.0)	23.9	4/24/19 13:15	(8.9)	5.5	8.1	5.9
4/24/19 0:30	(31.2)	20.2	0.0	(17.3)	4/24/19 13:30	7.2	(1.5)	(7.5)	4.0
4/24/19 0:45	8.2	15.6	(0.0)	18.0	4/24/19 13:45	7.2	(2.8)	7.4	11.2
4/24/19 1:00	(16.9)	8.8	0.0	(9.4)	4/24/19 14:00	10.0	4.6	(6.2)	8.6
4/24/19 1:15	(18.3)	12.7	(0.0)	9.2	4/24/19 14:15	8.5	(6.3)	(8.3)	(10.3)
4/24/19 1:30	7.9	21.8	0.0	29.7	4/24/19 14:30	(2.5)	2.3	5.7	6.8
4/24/19 1:45	(31.8)	38.2	0.0	12.3	4/24/19 14:45	(3.6)	(11.0)	7.0	(11.4)
4/24/19 2:00	(14.9)	12.0	0.0	(4.3)	4/24/19 15:00	(2.6)	(6.0)	(9.6)	(15.7)
4/24/19 2:15	(3.1)	(5.9)	0.0	(8.8)	4/24/19 15:15	7.1	(10.3)	19.3	17.7
4/24/19 2:30	(3.9)	(15.3)	(0.0)	(19.1)	4/24/19 15:30	12.4	(9.2)	19.7	23.1
4/24/19 2:45	2.3	(14.5)	0.0	(12.5)	4/24/19 15:45	10.7	(2.9)	(3.6)	6.2
4/24/19 3:00	40.9	(9.0)	(0.0)	31.9	4/24/19 16:00	(4.8)	(7.3)	17.5	9.3
4/24/19 3:15	16.9	(17.6)	0.0	(7.0)	4/24/19 16:15	26.6	7.6	(13.3)	21.0
4/24/19 3:30	7.4	11.9	0.0	19.3	4/24/19 16:30	15.8	5.5	12.5	31.1
4/24/19 3:45	5.8	5.0	0.0	9.1	4/24/19 16:45	(14.8)	5.8	16.9	6.2
4/24/19 4:00	10.2	(10.8)	(0.0)	(2.5)	4/24/19 17:00	(8.4)	(6.0)	8.1	(13.5)
4/24/19 4:15	6.6	19.2	(0.0)	25.9	4/24/19 17:15	15.6	3.5	28.1	44.6
4/24/19 4:30	8.1	(10.3)	0.0	(3.3)	4/24/19 17:30	16.4	8.3	2.4	25.0
4/24/19 4:45	15.1	(26.0)	(0.0)	(10.9)	4/24/19 17:45	30.1	13.2	4.5	47.1
4/24/19 5:00	34.7	19.0	0.0	51.9	4/24/19 18:00	(7.9)	13.0	15.7	26.6
4/24/19 5:15	36.2	16.2	(0.0)	52.5	4/24/19 18:15	(36.4)	11.6	(6.6)	(29.9)
4/24/19 5:30	33.5	19.2	(0.0)	52.7	4/24/19 18:30	17.3	2.0	8.0	26.3
4/24/19 5:45	33.0	33.0	(0.0)	66.0	4/24/19 18:45	8.4	2.1	1.5	11.2
4/24/19 6:00	36.6	4.6	(0.0)	40.0	4/24/19 19:00	(32.2)	2.5	3.9	(26.3)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/24/19 19:15	15.0	5.7	10.2	27.2	4/25/19 8:15	(7.7)	16.1	(12.2)	(12.4)
4/24/19 19:30	10.5	(4.0)	4.4	10.6	4/25/19 8:30	(22.9)	29.6	(13.9)	(16.3)
4/24/19 19:45	7.7	(7.8)	2.2	(11.8)	4/25/19 8:45	13.6	11.4	(5.3)	17.8
4/24/19 20:00	44.2	(19.0)	0.1	25.2	4/25/19 9:00	2.9	8.9	3.5	13.9
4/24/19 20:15	27.1	(6.5)	(0.0)	20.7	4/25/19 9:15	(32.5)	15.8	(9.1)	(25.8)
4/24/19 20:30	(29.6)	8.6	(0.0)	(21.1)	4/25/19 9:30	(30.4)	7.5	(1.1)	(27.7)
4/24/19 20:45	(16.7)	(4.4)	(0.0)	(17.0)	4/25/19 9:45	(22.4)	8.5	11.5	(6.9)
4/24/19 21:00	(8.2)	(7.8)	(0.0)	(12.2)	4/25/19 10:00	(24.2)	22.6	11.1	15.7
4/24/19 21:15	(9.1)	(7.7)	0.0	(15.1)	4/25/19 10:15	26.9	(23.7)	(2.3)	12.2
4/24/19 21:30	(51.4)	(109.9)	0.0	(161.4)	4/25/19 10:30	3.9	7.4	(2.8)	4.9
4/24/19 21:45	(44.7)	(224.6)	(0.0)	(269.3)	4/25/19 10:45	(37.0)	11.9	(6.1)	(31.8)
4/24/19 22:00	(82.9)	(63.4)	(0.0)	(142.7)	4/25/19 11:00	18.1	27.3	3.8	48.9
4/24/19 22:15	(66.4)	(10.8)	(0.0)	(73.4)	4/25/19 11:15	15.9	34.0	(7.6)	42.1
4/24/19 22:30	(4.6)	(42.2)	0.0	(43.5)	4/25/19 11:30	(25.4)	17.8	(2.7)	(8.8)
4/24/19 22:45	(30.5)	(15.2)	0.0	(36.7)	4/25/19 11:45	(11.2)	16.7	(3.9)	9.4
4/24/19 23:00	(40.6)	59.7	(0.0)	19.1	4/25/19 12:00	(5.4)	(8.3)	2.3	(9.0)
4/24/19 23:15	15.1	10.3	(0.0)	20.3	4/25/19 12:15	(16.5)	25.6	(4.3)	12.2
4/24/19 23:30	(17.2)	(50.7)	(0.0)	(67.9)	4/25/19 12:30	15.9	11.3	2.4	17.6
4/24/19 23:45	(40.9)	(57.0)	0.0	(94.8)	4/25/19 12:45	12.0	(8.9)	5.5	11.1
4/25/19 0:00	(6.4)	49.7	0.0	49.1	4/25/19 13:00	(9.0)	35.6	(7.6)	22.7
4/25/19 0:15	(22.0)	(85.5)	(0.0)	(105.5)	4/25/19 13:15	9.5	34.3	(0.2)	40.4
4/25/19 0:30	(42.9)	(88.0)	(0.0)	(126.0)	4/25/19 13:30	13.4	40.9	0.4	54.6
4/25/19 0:45	(12.0)	36.4	(0.0)	28.7	4/25/19 13:45	(18.1)	38.6	1.0	21.4
4/25/19 1:00	(11.9)	(41.1)	0.0	(51.5)	4/25/19 14:00	14.0	40.6	0.5	55.1
4/25/19 1:15	(15.3)	18.5	(0.0)	(10.2)	4/25/19 14:15	11.8	37.2	10.4	58.9
4/25/19 1:30	(28.9)	52.6	0.0	23.7	4/25/19 14:30	(43.1)	43.4	9.3	26.9
4/25/19 1:45	(5.4)	1.8	0.0	(5.7)	4/25/19 14:45	30.3	24.3	9.1	62.2
4/25/19 2:00	(18.4)	32.0	0.0	13.9	4/25/19 15:00	5.3	27.4	11.5	41.7
4/25/19 2:15	11.6	(68.9)	(0.0)	(63.3)	4/25/19 15:15	(9.4)	20.3	(10.0)	15.3
4/25/19 2:30	29.7	(82.8)	0.0	(59.1)	4/25/19 15:30	12.8	23.3	(11.8)	23.5
4/25/19 2:45	(1.4)	74.8	(0.0)	74.2	4/25/19 15:45	14.9	14.4	(12.0)	24.0
4/25/19 3:00	(26.9)	10.9	(0.0)	(31.4)	4/25/19 16:00	(15.1)	34.9	35.9	58.5
4/25/19 3:15	(15.2)	37.2	0.0	35.5	4/25/19 16:15	38.0	31.9	26.5	95.3
4/25/19 3:30	25.2	(7.6)	0.0	20.0	4/25/19 16:30	8.8	33.7	5.3	42.6
4/25/19 3:45	10.1	(7.3)	0.0	4.5	4/25/19 16:45	12.0	6.0	9.0	18.7
4/25/19 4:00	(18.2)	13.7	(0.0)	(10.0)	4/25/19 17:00	13.7	33.2	(12.6)	36.6
4/25/19 4:15	42.4	(13.7)	(0.0)	31.3	4/25/19 17:15	5.2	20.1	(6.9)	20.3
4/25/19 4:30	12.9	(12.4)	0.0	1.7	4/25/19 17:30	20.1	20.0	(8.1)	29.2
4/25/19 4:45	(11.1)	(5.2)	0.0	(8.9)	4/25/19 17:45	15.8	21.3	1.4	32.7
4/25/19 5:00	38.3	(20.2)	0.0	18.5	4/25/19 18:00	12.3	13.8	10.2	33.5
4/25/19 5:15	33.3	(38.9)	0.0	(8.3)	4/25/19 18:15	(27.5)	11.9	16.9	6.7
4/25/19 5:30	9.4	(16.5)	(0.0)	(7.9)	4/25/19 18:30	27.3	(2.8)	12.5	35.9
4/25/19 5:45	11.2	3.0	0.0	10.3	4/25/19 18:45	24.9	14.4	9.0	48.3
4/25/19 6:00	39.4	(33.9)	(0.0)	8.4	4/25/19 19:00	(18.0)	7.6	11.3	13.6
4/25/19 6:15	51.1	(64.1)	(0.0)	(13.1)	4/25/19 19:15	(37.7)	14.5	9.0	(20.3)
4/25/19 6:30	61.9	(60.2)	(2.1)	(3.4)	4/25/19 19:30	44.4	(11.3)	4.8	38.4
4/25/19 6:45	25.3	(22.7)	(10.2)	(10.4)	4/25/19 19:45	40.0	(14.6)	1.7	27.1
4/25/19 7:00	18.6	(22.2)	(15.2)	(20.1)	4/25/19 20:00	15.1	(16.1)	0.3	(17.8)
4/25/19 7:15	72.3	(83.4)	(19.0)	(30.0)	4/25/19 20:15	21.4	(19.0)	0.1	7.4
4/25/19 7:30	22.7	9.7	(20.2)	10.4	4/25/19 20:30	(19.7)	(26.1)	(0.0)	(45.8)
4/25/19 7:45	(20.9)	(18.0)	(19.2)	(53.0)	4/25/19 20:45	(26.9)	(46.2)	(0.0)	(73.2)
4/25/19 8:00	9.2	70.0	(12.3)	59.7	4/25/19 21:00	(10.6)	(56.9)	(0.0)	(67.2)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/25/19 21:15	(11.9)	(57.6)	0.0	(69.5)	4/26/19 10:15	(24.0)	55.4	1.9	43.0
4/25/19 21:30	(51.9)	(67.3)	(0.0)	(119.2)	4/26/19 10:30	26.1	52.6	1.6	73.8
4/25/19 21:45	(14.2)	(58.7)	(0.0)	(72.9)	4/26/19 10:45	12.0	46.7	(3.1)	56.4
4/25/19 22:00	(42.8)	(46.5)	0.0	(89.3)	4/26/19 11:00	(17.8)	29.8	5.8	22.4
4/25/19 22:15	(73.2)	(62.8)	0.0	(136.0)	4/26/19 11:15	(26.4)	36.0	(2.7)	15.0
4/25/19 22:30	(12.7)	(55.4)	(0.0)	(68.1)	4/26/19 11:30	(7.3)	66.2	7.6	69.6
4/25/19 22:45	11.1	(40.6)	(0.0)	(39.6)	4/26/19 11:45	7.9	42.3	(6.0)	44.3
4/25/19 23:00	(49.1)	(47.9)	0.0	(93.7)	4/26/19 12:00	(6.2)	50.1	(13.2)	33.2
4/25/19 23:15	(37.2)	(47.4)	(0.0)	(84.7)	4/26/19 12:15	7.8	38.9	6.6	47.2
4/25/19 23:30	(12.5)	63.5	0.0	55.9	4/26/19 12:30	7.4	37.7	3.4	45.9
4/25/19 23:45	(44.5)	16.9	(0.0)	(51.6)	4/26/19 12:45	12.3	24.3	20.9	57.5
4/26/19 0:00	(10.9)	37.4	(0.0)	28.7	4/26/19 13:00	(5.9)	11.3	20.0	25.4
4/26/19 0:15	(18.7)	(51.6)	(0.0)	(70.3)	4/26/19 13:15	8.9	5.5	(2.9)	11.7
4/26/19 0:30	(30.8)	(31.9)	0.0	(61.2)	4/26/19 13:30	15.6	22.3	4.4	42.1
4/26/19 0:45	8.8	(24.8)	(0.0)	(24.1)	4/26/19 13:45	14.5	27.3	(12.4)	29.4
4/26/19 1:00	(4.9)	11.2	(0.0)	7.0	4/26/19 14:00	31.1	15.0	(12.0)	34.9
4/26/19 1:15	(21.8)	2.6	(0.0)	(19.3)	4/26/19 14:15	(26.8)	(10.5)	16.4	(24.5)
4/26/19 1:30	(6.6)	16.2	0.0	17.6	4/26/19 14:30	9.9	(4.7)	19.7	19.4
4/26/19 1:45	(5.6)	6.1	(0.0)	3.2	4/26/19 14:45	(8.7)	10.3	17.2	22.0
4/26/19 2:00	(11.6)	(10.4)	0.0	(22.0)	4/26/19 15:00	(3.7)	8.0	18.7	22.8
4/26/19 2:15	26.0	(7.9)	(0.0)	18.2	4/26/19 15:15	13.1	2.8	(8.5)	6.9
4/26/19 2:30	(3.0)	(3.0)	0.0	(4.9)	4/26/19 15:30	18.0	(46.6)	(6.1)	(36.1)
4/26/19 2:45	(6.4)	1.9	0.0	(5.0)	4/26/19 15:45	8.5	(65.9)	4.0	(57.0)
4/26/19 3:00	(28.6)	8.2	0.0	(21.3)	4/26/19 16:00	(14.1)	(77.0)	19.1	(69.0)
4/26/19 3:15	(8.4)	(12.9)	(0.0)	(18.1)	4/26/19 16:15	29.1	(15.2)	(11.2)	15.6
4/26/19 3:30	26.3	(1.1)	0.0	25.9	4/26/19 16:30	45.2	(11.6)	(10.1)	32.9
4/26/19 3:45	9.0	5.1	(0.0)	14.0	4/26/19 16:45	9.0	21.9	25.8	56.6
4/26/19 4:00	(16.2)	(16.7)	(0.0)	(29.5)	4/26/19 17:00	(17.0)	20.4	4.2	(22.5)
4/26/19 4:15	28.8	(11.8)	0.0	18.8	4/26/19 17:15	(39.6)	(140.2)	6.2	(172.8)
4/26/19 4:30	20.0	(22.5)	(0.0)	(13.0)	4/26/19 17:30	19.6	(120.6)	(8.6)	(110.3)
4/26/19 4:45	(11.4)	(19.4)	0.0	(26.2)	4/26/19 17:45	13.4	29.9	(16.9)	22.8
4/26/19 5:00	36.8	(14.8)	0.0	22.5	4/26/19 18:00	(25.6)	44.1	18.8	37.1
4/26/19 5:15	48.7	(35.1)	(0.0)	14.3	4/26/19 18:15	(46.4)	(16.2)	14.3	(42.6)
4/26/19 5:30	9.1	(16.0)	(0.0)	(8.6)	4/26/19 18:30	13.6	(33.6)	(12.3)	(33.8)
4/26/19 5:45	30.9	(31.8)	0.0	(3.5)	4/26/19 18:45	(6.0)	16.0	15.7	28.7
4/26/19 6:00	65.0	(48.6)	(0.0)	16.4	4/26/19 19:00	(9.2)	80.6	12.4	83.8
4/26/19 6:15	59.8	(77.0)	(1.0)	(18.5)	4/26/19 19:15	(11.2)	96.0	6.3	93.2
4/26/19 6:30	14.4	13.8	(3.7)	24.6	4/26/19 19:30	(8.8)	40.2	3.4	42.0
4/26/19 6:45	26.7	19.2	(9.5)	19.4	4/26/19 19:45	35.1	(208.6)	1.0	(172.6)
4/26/19 7:00	20.9	(23.8)	(12.2)	(18.0)	4/26/19 20:00	(11.2)	(138.8)	0.2	(142.0)
4/26/19 7:15	(9.7)	(16.4)	(20.4)	(35.3)	4/26/19 20:15	37.0	(97.9)	0.0	(65.4)
4/26/19 7:30	11.7	48.8	(30.0)	28.6	4/26/19 20:30	(9.8)	9.1	(0.0)	9.5
4/26/19 7:45	(5.5)	73.0	(16.9)	53.0	4/26/19 20:45	(12.7)	55.4	(0.0)	43.3
4/26/19 8:00	(32.4)	41.5	(19.4)	(14.5)	4/26/19 21:00	(37.7)	24.9	0.0	(37.2)
4/26/19 8:15	24.1	17.8	(8.3)	37.2	4/26/19 21:15	16.0	(59.9)	(0.0)	(53.4)
4/26/19 8:30	(7.3)	19.3	(14.0)	6.7	4/26/19 21:30	(12.7)	148.1	(0.0)	135.4
4/26/19 8:45	8.8	(2.2)	(1.7)	7.7	4/26/19 21:45	(41.9)	170.0	0.0	128.1
4/26/19 9:00	(9.2)	13.0	(1.2)	10.7	4/26/19 22:00	(28.0)	54.1	(0.0)	33.0
4/26/19 9:15	52.3	16.4	(2.5)	64.8	4/26/19 22:15	(28.9)	(30.1)	0.0	(57.3)
4/26/19 9:30	(14.2)	26.9	19.0	34.6	4/26/19 22:30	(33.7)	(25.9)	0.0	(58.4)
4/26/19 9:45	26.4	36.7	(7.2)	54.1	4/26/19 22:45	(40.0)	(48.0)	(0.0)	(87.8)
4/26/19 10:00	(35.0)	34.2	(5.3)	(8.0)	4/26/19 23:00	(48.1)	(131.9)	(0.0)	(180.1)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/26/19 23:15	(21.3)	(80.0)	(0.0)	(101.3)	4/27/19 12:15	(31.6)	66.7	6.2	43.2
4/26/19 23:30	(31.9)	92.1	(0.0)	71.2	4/27/19 12:30	14.1	110.2	10.0	131.9
4/26/19 23:45	28.3	(11.0)	(0.0)	27.6	4/27/19 12:45	(18.6)	143.9	2.4	125.8
4/27/19 0:00	(16.1)	(37.5)	(0.0)	(53.6)	4/27/19 13:00	(21.6)	112.6	3.5	91.7
4/27/19 0:15	(25.8)	13.7	0.0	(22.5)	4/27/19 13:15	(21.3)	72.1	(7.1)	55.5
4/27/19 0:30	10.0	(33.6)	(0.0)	(32.8)	4/27/19 13:30	2.9	48.5	7.6	55.2
4/27/19 0:45	(9.1)	9.4	(0.0)	5.8	4/27/19 13:45	(22.8)	29.1	10.7	36.2
4/27/19 1:00	(23.4)	30.0	0.0	11.0	4/27/19 14:00	21.4	3.3	(2.7)	21.3
4/27/19 1:15	(31.7)	20.6	(0.0)	(11.9)	4/27/19 14:15	(10.0)	(6.4)	5.0	(15.4)
4/27/19 1:30	10.0	27.4	(0.0)	33.0	4/27/19 14:30	14.9	(19.5)	3.4	(5.1)
4/27/19 1:45	(3.5)	17.9	0.0	18.1	4/27/19 14:45	6.1	(25.6)	3.0	(18.4)
4/27/19 2:00	(25.8)	43.9	0.0	18.4	4/27/19 15:00	(10.8)	(31.9)	(7.0)	(42.8)
4/27/19 2:15	(12.7)	17.5	0.0	8.1	4/27/19 15:15	26.3	(32.0)	(6.6)	(11.3)
4/27/19 2:30	(6.6)	(15.7)	0.0	(19.6)	4/27/19 15:30	17.2	(26.2)	(8.0)	(16.9)
4/27/19 2:45	(16.6)	(39.6)	(0.0)	(54.1)	4/27/19 15:45	(9.7)	(55.3)	(9.8)	(64.1)
4/27/19 3:00	(21.5)	36.7	(0.0)	19.3	4/27/19 16:00	21.8	(51.9)	(1.1)	(36.2)
4/27/19 3:15	10.7	14.6	0.0	18.2	4/27/19 16:15	12.2	(53.7)	9.8	(32.6)
4/27/19 3:30	17.8	13.1	0.0	30.5	4/27/19 16:30	11.5	(66.3)	(13.3)	(74.1)
4/27/19 3:45	6.6	(11.3)	0.0	(4.9)	4/27/19 16:45	29.2	(82.0)	22.3	(31.8)
4/27/19 4:00	(16.0)	(16.5)	(0.0)	(31.3)	4/27/19 17:00	13.5	(83.9)	(17.3)	(87.2)
4/27/19 4:15	12.1	(16.3)	0.0	(5.5)	4/27/19 17:15	12.0	(80.1)	12.9	(60.4)
4/27/19 4:30	14.6	(10.7)	0.0	7.1	4/27/19 17:30	31.0	(99.8)	16.9	(54.8)
4/27/19 4:45	(17.4)	9.7	(0.0)	(8.3)	4/27/19 17:45	20.6	(40.7)	4.3	(22.3)
4/27/19 5:00	27.1	(28.1)	(0.0)	(8.1)	4/27/19 18:00	(17.3)	9.0	14.1	10.5
4/27/19 5:15	26.3	(29.1)	0.0	(3.0)	4/27/19 18:15	24.2	(37.1)	20.8	12.3
4/27/19 5:30	14.0	(22.4)	0.0	(15.3)	4/27/19 18:30	8.0	(32.1)	28.4	4.4
4/27/19 5:45	(7.7)	(32.4)	(0.0)	(34.6)	4/27/19 18:45	(20.1)	11.7	9.0	(8.8)
4/27/19 6:00	18.5	(31.1)	(0.0)	(20.0)	4/27/19 19:00	25.9	16.3	6.1	48.0
4/27/19 6:15	22.4	(32.5)	(0.7)	(12.3)	4/27/19 19:15	(3.8)	(15.5)	2.7	(13.7)
4/27/19 6:30	(29.8)	15.6	(3.7)	(21.4)	4/27/19 19:30	(28.3)	(11.0)	3.1	(36.0)
4/27/19 6:45	38.8	3.9	(13.6)	28.0	4/27/19 19:45	18.0	(16.9)	0.7	3.1
4/27/19 7:00	16.1	(19.1)	(17.8)	(21.2)	4/27/19 20:00	53.1	(37.4)	0.0	15.8
4/27/19 7:15	21.2	(22.3)	(21.7)	(15.8)	4/27/19 20:15	49.7	(61.9)	0.0	(20.2)
4/27/19 7:30	(26.9)	61.9	(23.6)	11.4	4/27/19 20:30	(19.3)	(26.0)	0.0	(35.9)
4/27/19 7:45	38.0	(23.0)	(19.9)	(3.3)	4/27/19 20:45	18.3	34.8	(0.0)	52.1
4/27/19 8:00	24.4	(6.9)	(17.8)	(3.1)	4/27/19 21:00	(20.9)	(24.3)	0.0	(43.8)
4/27/19 8:15	10.5	(21.5)	(9.4)	(20.1)	4/27/19 21:15	(49.1)	(1.8)	0.0	(50.6)
4/27/19 8:30	(8.4)	54.7	(3.3)	45.9	4/27/19 21:30	(14.1)	19.2	(0.0)	21.3
4/27/19 8:45	18.6	(37.0)	1.3	(23.5)	4/27/19 21:45	(19.5)	63.8	(0.0)	44.3
4/27/19 9:00	9.0	(22.5)	(2.0)	(15.8)	4/27/19 22:00	(44.9)	7.6	0.0	(37.3)
4/27/19 9:15	21.8	(33.3)	(3.5)	(16.0)	4/27/19 22:15	13.7	(16.6)	(0.0)	(13.9)
4/27/19 9:30	(43.2)	26.3	(0.5)	(19.4)	4/27/19 22:30	6.1	(29.5)	0.1	(27.0)
4/27/19 9:45	(17.7)	(10.5)	(0.6)	(23.0)	4/27/19 22:45	18.0	(24.8)	0.0	(9.4)
4/27/19 10:00	13.1	32.6	(0.3)	37.7	4/27/19 23:00	(69.7)	40.1	0.0	(29.6)
4/27/19 10:15	4.7	9.2	0.1	12.9	4/27/19 23:15	11.6	3.2	0.0	10.9
4/27/19 10:30	(28.6)	23.8	0.8	(5.5)	4/27/19 23:30	(24.6)	15.3	(0.0)	(9.3)
4/27/19 10:45	10.3	(7.9)	2.9	7.8	4/27/19 23:45	(29.9)	6.1	(0.0)	(25.0)
4/27/19 11:00	13.9	(9.1)	(1.6)	7.4	4/28/19 0:00	(57.3)	67.2	(0.0)	29.0
4/27/19 11:15	(14.6)	8.4	(2.9)	(14.5)	4/28/19 0:15	(30.3)	49.7	(0.0)	27.2
4/27/19 11:30	(25.3)	8.9	0.5	(17.1)	4/28/19 0:30	(6.6)	2.0	(0.0)	5.0
4/27/19 11:45	32.3	36.8	5.7	72.9	4/28/19 0:45	(28.0)	16.1	(0.0)	(12.4)
4/27/19 12:00	6.5	56.3	4.6	64.6	4/28/19 1:00	(34.4)	20.5	(0.0)	(14.1)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/28/19 1:15	(16.5)	14.9	(0.0)	(3.7)	4/28/19 14:15	7.7	(58.7)	5.5	(54.6)
4/28/19 1:30	(7.7)	9.8	0.0	4.9	4/28/19 14:30	(12.1)	11.9	(16.5)	(31.3)
4/28/19 1:45	(10.2)	24.5	(0.0)	14.3	4/28/19 14:45	7.7	10.9	(5.4)	14.3
4/28/19 2:00	(4.9)	22.4	0.0	17.7	4/28/19 15:00	(10.6)	9.8	(3.5)	(3.3)
4/28/19 2:15	(3.9)	(13.4)	(0.0)	(16.9)	4/28/19 15:15	(14.8)	21.6	8.0	14.5
4/28/19 2:30	(10.5)	2.9	0.0	(7.7)	4/28/19 15:30	25.4	(24.6)	4.3	4.8
4/28/19 2:45	(3.2)	6.5	0.1	3.5	4/28/19 15:45	33.6	11.7	(11.5)	26.0
4/28/19 3:00	(4.2)	16.5	0.0	13.5	4/28/19 16:00	20.7	113.1	(8.6)	124.6
4/28/19 3:15	4.2	15.4	0.0	18.4	4/28/19 16:15	(8.2)	29.7	(5.5)	23.3
4/28/19 3:30	(1.9)	11.9	(0.0)	10.1	4/28/19 16:30	21.4	41.5	15.0	77.7
4/28/19 3:45	(7.6)	7.7	0.0	(3.3)	4/28/19 16:45	29.3	14.3	20.5	62.1
4/28/19 4:00	(2.3)	(14.8)	(0.0)	(17.0)	4/28/19 17:00	(22.5)	(49.0)	(5.8)	(71.1)
4/28/19 4:15	4.3	(36.9)	0.0	(33.0)	4/28/19 17:15	27.9	(212.1)	(5.6)	(190.3)
4/28/19 4:30	2.3	8.0	(0.0)	9.6	4/28/19 17:30	19.6	(94.0)	23.9	(51.8)
4/28/19 4:45	36.9	(15.1)	0.0	21.8	4/28/19 17:45	(11.5)	43.5	(11.1)	23.6
4/28/19 5:00	7.0	(23.5)	(0.0)	(18.3)	4/28/19 18:00	15.4	(70.0)	10.7	(50.6)
4/28/19 5:15	19.3	(23.3)	0.0	(7.1)	4/28/19 18:15	11.7	78.6	17.9	102.1
4/28/19 5:30	(12.0)	32.5	(0.0)	32.0	4/28/19 18:30	(22.2)	32.9	15.7	31.3
4/28/19 5:45	22.8	(25.1)	0.0	(13.4)	4/28/19 18:45	9.4	(153.4)	15.7	(132.0)
4/28/19 6:00	(3.3)	(16.5)	0.0	(16.6)	4/28/19 19:00	12.9	(24.1)	5.7	(13.2)
4/28/19 6:15	(17.8)	36.9	(0.3)	24.7	4/28/19 19:15	(23.0)	11.6	6.0	(16.6)
4/28/19 6:30	14.4	53.5	(2.5)	57.8	4/28/19 19:30	19.0	10.8	3.6	30.6
4/28/19 6:45	(32.6)	7.6	(9.7)	(34.4)	4/28/19 19:45	21.9	(11.4)	2.0	12.6
4/28/19 7:00	(21.8)	12.6	(12.8)	(21.2)	4/28/19 20:00	13.2	4.6	0.2	10.2
4/28/19 7:15	40.1	9.4	(22.1)	23.2	4/28/19 20:15	51.6	(36.8)	0.0	18.3
4/28/19 7:30	3.6	52.2	(18.6)	37.0	4/28/19 20:30	6.5	(14.7)	0.0	(10.8)
4/28/19 7:45	(18.8)	51.0	(20.2)	12.5	4/28/19 20:45	20.3	9.7	0.0	15.8
4/28/19 8:00	28.1	55.2	(16.6)	66.7	4/28/19 21:00	23.7	(57.9)	0.0	(40.8)
4/28/19 8:15	24.0	37.0	(10.1)	50.9	4/28/19 21:15	(9.6)	(7.9)	0.0	(9.1)
4/28/19 8:30	(11.3)	(6.7)	(5.6)	(19.9)	4/28/19 21:30	(40.2)	38.2	0.0	(4.9)
4/28/19 8:45	30.0	(5.2)	(10.7)	16.0	4/28/19 21:45	(21.4)	26.6	0.0	5.3
4/28/19 9:00	28.9	11.8	1.7	34.5	4/28/19 22:00	(43.8)	86.7	0.0	45.0
4/28/19 9:15	(13.4)	10.4	(2.4)	(4.8)	4/28/19 22:15	(72.6)	32.1	0.0	(42.0)
4/28/19 9:30	18.0	3.8	(5.1)	16.9	4/28/19 22:30	(20.8)	30.3	0.0	10.2
4/28/19 9:45	(19.5)	(17.7)	6.4	(29.7)	4/28/19 22:45	(40.8)	26.1	0.0	(14.7)
4/28/19 10:00	20.0	(15.6)	(7.6)	(11.7)	4/28/19 23:00	(33.5)	20.5	(0.0)	(14.5)
4/28/19 10:15	48.6	(32.6)	4.7	26.2	4/28/19 23:15	7.2	1.8	(0.0)	8.5
4/28/19 10:30	(12.5)	(12.0)	(3.3)	(22.7)	4/28/19 23:30	(32.1)	14.8	(0.0)	(17.3)
4/28/19 10:45	26.0	4.7	3.6	32.4	4/28/19 23:45	(28.9)	47.1	0.0	20.8
4/28/19 11:00	7.2	8.4	(3.9)	10.3	4/29/19 0:00	(17.5)	36.8	0.0	21.7
4/28/19 11:15	(13.6)	(23.1)	4.9	(28.2)	4/29/19 0:15	(11.0)	20.4	0.0	9.4
4/28/19 11:30	23.7	(6.6)	5.2	23.0	4/29/19 0:30	(36.9)	98.0	(0.0)	63.3
4/28/19 11:45	8.5	(30.8)	17.1	(13.3)	4/29/19 0:45	11.3	(11.9)	0.0	(13.3)
4/28/19 12:00	(15.4)	(57.4)	(8.2)	(71.8)	4/29/19 1:00	(8.7)	(30.9)	(0.0)	(39.6)
4/28/19 12:15	(17.7)	(17.2)	6.4	(30.2)	4/29/19 1:15	(56.5)	(8.2)	0.0	(63.6)
4/28/19 12:30	18.8	(10.3)	9.1	30.0	4/29/19 1:30	18.1	3.6	0.0	17.9
4/28/19 12:45	17.8	(99.8)	(10.2)	(90.6)	4/29/19 1:45	(2.0)	4.9	0.0	3.4
4/28/19 13:00	6.6	(29.1)	(16.0)	(32.3)	4/29/19 2:00	(37.7)	(9.3)	0.0	(47.0)
4/28/19 13:15	20.5	5.6	23.2	48.2	4/29/19 2:15	(6.2)	(11.0)	(0.0)	(17.2)
4/28/19 13:30	14.2	(10.8)	(9.5)	10.2	4/29/19 2:30	(4.4)	26.4	0.0	23.0
4/28/19 13:45	(19.4)	(2.5)	22.4	17.6	4/29/19 2:45	(1.9)	25.2	(0.0)	24.1
4/28/19 14:00	14.1	(28.6)	4.8	(35.9)	4/29/19 3:00	3.3	(16.2)	0.0	(13.7)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/29/19 3:15	7.9	(8.4)	(0.0)	(1.5)	4/29/19 16:15	29.0	(17.8)	10.7	21.9
4/29/19 3:30	4.4	(2.1)	(0.0)	4.3	4/29/19 16:30	46.5	(26.8)	23.0	42.7
4/29/19 3:45	9.2	(8.0)	0.0	9.3	4/29/19 16:45	19.7	(9.7)	14.2	24.8
4/29/19 4:00	17.4	(58.7)	0.0	(41.7)	4/29/19 17:00	(13.8)	(23.6)	2.8	(27.9)
4/29/19 4:15	15.1	3.0	0.0	15.8	4/29/19 17:15	31.4	(24.7)	9.7	17.0
4/29/19 4:30	20.4	(12.3)	0.0	9.5	4/29/19 17:30	45.2	(25.6)	3.0	24.7
4/29/19 4:45	22.9	(4.2)	0.0	22.5	4/29/19 17:45	16.9	(23.8)	0.9	(10.6)
4/29/19 5:00	37.6	(36.4)	0.0	6.1	4/29/19 18:00	6.7	(5.0)	3.6	5.9
4/29/19 5:15	30.0	(146.7)	0.0	(117.5)	4/29/19 18:15	(32.9)	12.2	(0.6)	(26.5)
4/29/19 5:30	77.4	(7.0)	0.0	71.5	4/29/19 18:30	23.8	14.2	3.3	32.0
4/29/19 5:45	45.4	(4.3)	(0.0)	41.1	4/29/19 18:45	(2.6)	(53.5)	0.4	(54.5)
4/29/19 6:00	19.8	(23.1)	0.0	(14.4)	4/29/19 19:00	6.8	(31.4)	2.2	(24.2)
4/29/19 6:15	(11.2)	14.9	(0.1)	15.5	4/29/19 19:15	(20.0)	(15.6)	2.3	(29.2)
4/29/19 6:30	57.8	(10.6)	(0.8)	53.1	4/29/19 19:30	28.5	(7.5)	0.5	22.0
4/29/19 6:45	44.1	(57.3)	(2.2)	(18.0)	4/29/19 19:45	19.2	4.4	0.2	20.8
4/29/19 7:00	8.1	(65.3)	(3.6)	(60.8)	4/29/19 20:00	(16.1)	(30.6)	0.0	(45.5)
4/29/19 7:15	26.0	(18.0)	(2.0)	18.5	4/29/19 20:15	5.1	(91.3)	(0.0)	(88.0)
4/29/19 7:30	11.8	32.7	(4.1)	40.4	4/29/19 20:30	(13.6)	(62.9)	(0.0)	(76.5)
4/29/19 7:45	20.3	5.2	(2.0)	23.2	4/29/19 20:45	(14.7)	(60.3)	(0.0)	(75.1)
4/29/19 8:00	14.3	59.3	(8.4)	63.0	4/29/19 21:00	(24.0)	(37.7)	0.0	(61.7)
4/29/19 8:15	19.0	128.3	(12.5)	136.3	4/29/19 21:15	(12.2)	(28.0)	(0.0)	(36.4)
4/29/19 8:30	19.2	65.8	12.5	97.5	4/29/19 21:30	(19.1)	(9.8)	(0.0)	(25.0)
4/29/19 8:45	(9.8)	28.6	4.3	35.7	4/29/19 21:45	(67.5)	(3.5)	0.0	(70.9)
4/29/19 9:00	23.1	31.8	(0.9)	52.4	4/29/19 22:00	(49.3)	1.4	(0.0)	(48.7)
4/29/19 9:15	13.7	55.3	(3.6)	65.5	4/29/19 22:15	(47.7)	(3.7)	0.0	(50.0)
4/29/19 9:30	(14.9)	77.3	(3.0)	65.6	4/29/19 22:30	16.6	8.2	0.0	23.3
4/29/19 9:45	21.7	90.5	(6.3)	104.2	4/29/19 22:45	(27.8)	(13.7)	0.0	(41.1)
4/29/19 10:00	8.4	74.0	(20.3)	62.1	4/29/19 23:00	(36.8)	(45.7)	(0.0)	(82.5)
4/29/19 10:15	(29.1)	59.6	(11.1)	21.4	4/29/19 23:15	(30.0)	(48.7)	0.0	(78.6)
4/29/19 10:30	19.6	53.4	10.3	76.4	4/29/19 23:30	(21.5)	(4.9)	(0.0)	(24.6)
4/29/19 10:45	4.0	9.6	(13.3)	(10.2)	4/29/19 23:45	(26.7)	(21.6)	(0.0)	(48.4)
4/29/19 11:00	(12.6)	(6.9)	9.4	(15.3)	4/30/19 0:00	(16.4)	(20.5)	(0.0)	(36.4)
4/29/19 11:15	(7.3)	32.0	(2.4)	23.5	4/30/19 0:15	(14.1)	52.1	(0.0)	38.0
4/29/19 11:30	(5.3)	50.5	(3.4)	45.6	4/30/19 0:30	(6.0)	70.9	(0.0)	69.0
4/29/19 11:45	(34.6)	60.2	(3.4)	22.2	4/30/19 0:45	14.6	(15.2)	(0.0)	6.3
4/29/19 12:00	(5.0)	48.1	(7.7)	38.8	4/30/19 1:00	(3.2)	(23.4)	0.0	(26.6)
4/29/19 12:15	(4.0)	47.2	(23.5)	23.0	4/30/19 1:15	(32.4)	15.3	0.0	(22.3)
4/29/19 12:30	10.0	33.2	(16.7)	16.7	4/30/19 1:30	13.8	42.7	(0.0)	49.0
4/29/19 12:45	16.2	8.6	10.6	32.3	4/30/19 1:45	(4.4)	(7.1)	(0.0)	(10.6)
4/29/19 13:00	(3.8)	6.5	(3.4)	3.7	4/30/19 2:00	(26.7)	(19.2)	0.0	(45.1)
4/29/19 13:15	(22.1)	20.1	(8.8)	(11.2)	4/30/19 2:15	28.5	28.0	(0.0)	56.5
4/29/19 13:30	9.3	6.9	(2.5)	11.6	4/30/19 2:30	(4.2)	63.9	0.0	62.9
4/29/19 13:45	(9.7)	1.7	3.3	(8.4)	4/30/19 2:45	(11.2)	207.0	0.0	198.1
4/29/19 14:00	(33.8)	(6.8)	(6.4)	(44.4)	4/30/19 3:00	(73.4)	68.6	(0.0)	(24.0)
4/29/19 14:15	(10.4)	(2.6)	4.1	(10.8)	4/30/19 3:15	21.4	23.7	(0.0)	42.1
4/29/19 14:30	(12.3)	(4.3)	(3.9)	(20.2)	4/30/19 3:30	(4.9)	(18.3)	0.0	(20.6)
4/29/19 14:45	(24.0)	(15.8)	1.7	(39.0)	4/30/19 3:45	(30.2)	(138.7)	0.0	(169.0)
4/29/19 15:00	13.1	(17.9)	9.5	9.1	4/30/19 4:00	9.4	(144.7)	0.0	(135.3)
4/29/19 15:15	32.3	(27.1)	3.5	16.1	4/30/19 4:15	40.3	(60.1)	0.0	(20.2)
4/29/19 15:30	(17.3)	(28.6)	3.8	(42.4)	4/30/19 4:30	55.4	(57.0)	0.0	(9.4)
4/29/19 15:45	(14.3)	(19.1)	13.1	(19.5)	4/30/19 4:45	15.0	(20.7)	(0.0)	(5.6)
4/29/19 16:00	28.2	(18.7)	16.2	26.2	4/30/19 5:00	32.6	(27.0)	(0.0)	7.2

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
4/30/19 5:15	27.8	(30.2)	0.0	(4.2)	4/30/19 18:15	(41.8)	82.4	5.3	46.1
4/30/19 5:30	35.3	(42.5)	0.0	(8.1)	4/30/19 18:30	10.0	84.6	(8.2)	85.6
4/30/19 5:45	40.6	(12.8)	(0.1)	30.4	4/30/19 18:45	(6.9)	(14.9)	18.8	18.6
4/30/19 6:00	43.1	(8.0)	(0.0)	40.0	4/30/19 19:00	(22.1)	(35.9)	12.0	(45.7)
4/30/19 6:15	37.8	(35.5)	0.0	3.7	4/30/19 19:15	26.8	22.0	9.1	56.6
4/30/19 6:30	29.8	9.4	(0.3)	34.7	4/30/19 19:30	19.8	78.6	9.5	107.5
4/30/19 6:45	39.6	36.7	(2.1)	74.1	4/30/19 19:45	(41.3)	57.3	2.2	26.7
4/30/19 7:00	25.0	5.5	(1.2)	24.4	4/30/19 20:00	25.3	30.5	0.3	54.2
4/30/19 7:15	18.9	12.4	(3.9)	24.1	4/30/19 20:15	(2.1)	(24.0)	(0.0)	(25.4)
4/30/19 7:30	23.6	26.5	(8.0)	39.3	4/30/19 20:30	(12.8)	(38.0)	(0.0)	(50.8)
4/30/19 7:45	(36.1)	(16.5)	6.9	(42.8)	4/30/19 20:45	(35.8)	(15.3)	(0.0)	(51.2)
4/30/19 8:00	(18.2)	(12.2)	(3.4)	(33.2)	4/30/19 21:00	6.3	15.4	0.0	14.4
4/30/19 8:15	7.2	(12.1)	(6.1)	(11.9)	4/30/19 21:15	(23.9)	47.5	(0.0)	25.5
4/30/19 8:30	15.7	16.8	1.3	33.0	4/30/19 21:30	(38.4)	62.9	(0.0)	27.1
4/30/19 8:45	11.8	(3.1)	(16.4)	(12.2)	4/30/19 21:45	(25.1)	52.0	0.0	26.9
4/30/19 9:00	5.6	(23.2)	(35.9)	(53.4)	4/30/19 22:00	(42.5)	20.1	0.0	(24.4)
4/30/19 9:15	6.8	(18.2)	3.5	(8.9)	4/30/19 22:15	(50.7)	16.8	(0.0)	(36.2)
4/30/19 9:30	(4.6)	(6.8)	3.4	(11.4)	4/30/19 22:30	(27.6)	11.0	(0.0)	(20.6)
4/30/19 9:45	(3.1)	5.6	(32.6)	(29.9)	4/30/19 22:45	(31.8)	20.6	(0.0)	(11.2)
4/30/19 10:00	3.2	9.1	29.5	39.4	4/30/19 23:00	(72.0)	35.1	0.0	(39.6)
4/30/19 10:15	7.6	10.8	21.9	40.3	4/30/19 23:15	23.8	39.5	0.0	60.1
4/30/19 10:30	(1.9)	20.0	14.4	33.1	4/30/19 23:30	(19.4)	25.3	0.0	8.7
4/30/19 10:45	2.3	9.2	(7.5)	11.9	4/30/19 23:45	(51.6)	17.7	(0.0)	(33.9)
4/30/19 11:00	(20.9)	(4.1)	(15.4)	(39.3)	5/1/19 0:00	6.0	6.9	(0.0)	9.3
4/30/19 11:15	2.4	(9.5)	(10.1)	(16.9)	5/1/19 0:15	(8.7)	(45.0)	(0.0)	(49.5)
4/30/19 11:30	3.6	23.3	(10.7)	16.4	5/1/19 0:30	(11.2)	(55.3)	(0.0)	(66.5)
4/30/19 11:45	(12.2)	18.2	(5.5)	5.3	5/1/19 0:45	(16.3)	(30.2)	0.0	(46.0)
4/30/19 12:00	46.3	(4.7)	(6.7)	35.0	5/1/19 1:00	9.0	(91.3)	(0.0)	(86.8)
4/30/19 12:15	6.9	35.5	(11.9)	30.9	5/1/19 1:15	8.1	(136.0)	0.0	(127.9)
4/30/19 12:30	(5.0)	41.9	18.6	59.7	5/1/19 1:30	(21.1)	(117.7)	(0.0)	(138.9)
4/30/19 12:45	8.6	24.8	(12.0)	21.1	5/1/19 1:45	11.2	(86.6)	0.0	(76.2)
4/30/19 13:00	(10.2)	(1.2)	(4.7)	(15.2)	5/1/19 2:00	31.1	(40.3)	(0.0)	(10.0)
4/30/19 13:15	(23.0)	5.9	(13.4)	(38.9)	5/1/19 2:15	(10.8)	60.2	0.0	57.7
4/30/19 13:30	40.6	27.2	(7.8)	61.4	5/1/19 2:30	18.9	(17.2)	0.0	14.1
4/30/19 13:45	(24.9)	37.1	3.2	14.7	5/1/19 2:45	(5.9)	(7.3)	0.0	(5.7)
4/30/19 14:00	25.4	25.3	14.9	65.6	5/1/19 3:00	(18.7)	22.7	0.0	19.5
4/30/19 14:15	15.0	6.2	7.1	27.4	5/1/19 3:15	16.2	(8.6)	0.0	7.6
4/30/19 14:30	(16.4)	(16.8)	(7.9)	(40.3)	5/1/19 3:30	27.2	(35.2)	(0.0)	(18.3)
4/30/19 14:45	(47.4)	72.9	(16.2)	32.6	5/1/19 3:45	(17.3)	(20.7)	(0.0)	(33.8)
4/30/19 15:00	8.8	60.3	11.0	78.4	5/1/19 4:00	23.2	(6.1)	0.0	18.2
4/30/19 15:15	32.1	(25.2)	(9.3)	(10.7)	5/1/19 4:15	18.2	(28.1)	(0.0)	(10.6)
4/30/19 15:30	19.9	(10.6)	(3.9)	15.2	5/1/19 4:30	18.6	(37.9)	0.0	(19.3)
4/30/19 15:45	7.7	(12.2)	(4.6)	(13.2)	5/1/19 4:45	(15.4)	24.6	0.0	11.1
4/30/19 16:00	29.8	6.1	8.5	37.7	5/1/19 5:00	26.7	37.6	0.0	64.3
4/30/19 16:15	(6.2)	53.2	12.2	56.5	5/1/19 5:15	43.3	104.2	(0.0)	147.5
4/30/19 16:30	(31.4)	51.6	(18.8)	18.6	5/1/19 5:30	23.5	168.4	0.0	192.0
4/30/19 16:45	(17.9)	(50.5)	8.9	(55.7)	5/1/19 5:45	(20.8)	193.3	(0.0)	173.6
4/30/19 17:00	(24.4)	(72.7)	10.4	(78.5)	5/1/19 6:00	77.1	38.0	0.0	113.2
4/30/19 17:15	(22.7)	(10.0)	(4.3)	(19.6)	5/1/19 6:15	(24.9)	(41.1)	(0.1)	(58.7)
4/30/19 17:30	30.6	(79.3)	22.8	(47.8)	5/1/19 6:30	20.9	(23.1)	(1.7)	(6.2)
4/30/19 17:45	15.1	25.8	37.0	60.5	5/1/19 6:45	31.4	(53.4)	(1.9)	(25.4)
4/30/19 18:00	(15.3)	67.6	(7.5)	51.8	5/1/19 7:00	18.7	11.5	(3.0)	24.9

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/1/19 7:15	41.2	(23.0)	(5.6)	20.3	5/1/19 20:15	(24.6)	54.0	(0.0)	29.3
5/1/19 7:30	10.8	(24.7)	(6.4)	(20.2)	5/1/19 20:30	11.3	58.2	(0.0)	62.9
5/1/19 7:45	(14.1)	(10.1)	(1.1)	(19.2)	5/1/19 20:45	(13.6)	28.4	0.0	15.9
5/1/19 8:00	22.9	3.8	(2.6)	25.5	5/1/19 21:00	(35.4)	17.2	0.0	(18.3)
5/1/19 8:15	(3.2)	(12.4)	(14.9)	(28.0)	5/1/19 21:15	(24.7)	(10.2)	(0.0)	(30.8)
5/1/19 8:30	(19.3)	14.5	(10.5)	(15.9)	5/1/19 21:30	(46.3)	(5.7)	0.0	(51.7)
5/1/19 8:45	14.8	(9.8)	(28.4)	(29.6)	5/1/19 21:45	(39.2)	(12.2)	(0.0)	(46.5)
5/1/19 9:00	20.7	(5.6)	(2.4)	15.5	5/1/19 22:00	(28.7)	54.7	0.0	26.0
5/1/19 9:15	(10.3)	1.8	(22.0)	(30.5)	5/1/19 22:15	(38.6)	31.3	(0.0)	(10.1)
5/1/19 9:30	13.5	13.1	(8.4)	27.7	5/1/19 22:30	(37.7)	(4.9)	(0.0)	(42.0)
5/1/19 9:45	12.3	35.6	22.9	68.6	5/1/19 22:45	(11.4)	20.5	0.0	10.3
5/1/19 10:00	(4.3)	46.5	10.5	56.3	5/1/19 23:00	(19.9)	21.1	0.0	8.6
5/1/19 10:15	7.3	42.6	(9.6)	33.7	5/1/19 23:15	(31.8)	11.4	(0.0)	(20.5)
5/1/19 10:30	(21.0)	54.6	(9.0)	29.1	5/1/19 23:30	(23.6)	15.2	0.0	(9.2)
5/1/19 10:45	(10.6)	14.6	(21.5)	(17.0)	5/1/19 23:45	(21.4)	(14.3)	(0.0)	(35.3)
5/1/19 11:00	(27.3)	3.0	(5.4)	(30.4)	5/2/19 0:00	(30.8)	(18.3)	(0.0)	(49.1)
5/1/19 11:15	26.4	(26.5)	23.7	31.7	5/2/19 0:15	(26.4)	10.3	(0.0)	(23.7)
5/1/19 11:30	(33.8)	(52.0)	(6.8)	(89.6)	5/2/19 0:30	(8.2)	24.2	(0.0)	21.3
5/1/19 11:45	(19.0)	(107.8)	(27.8)	(153.3)	5/2/19 0:45	(16.0)	28.8	0.0	14.9
5/1/19 12:00	12.1	(86.3)	18.1	(62.6)	5/2/19 1:00	(13.7)	14.5	(0.0)	4.9
5/1/19 12:15	23.6	(32.6)	(20.4)	(29.8)	5/2/19 1:15	(13.8)	(1.3)	(0.0)	(14.1)
5/1/19 12:30	(15.4)	(79.0)	6.9	(88.5)	5/2/19 1:30	(9.5)	(2.5)	(0.0)	(9.9)
5/1/19 12:45	14.9	(72.5)	(7.8)	(64.3)	5/2/19 1:45	8.7	(9.8)	0.0	(13.8)
5/1/19 13:00	10.1	(120.7)	3.5	(107.4)	5/2/19 2:00	6.0	(8.2)	(0.0)	(5.9)
5/1/19 13:15	(19.4)	(75.9)	14.1	(80.4)	5/2/19 2:15	(24.4)	(6.5)	0.0	(30.7)
5/1/19 13:30	87.9	(59.6)	12.0	38.1	5/2/19 2:30	(17.5)	(37.7)	0.0	(48.1)
5/1/19 13:45	12.1	(50.5)	(11.1)	(44.6)	5/2/19 2:45	11.7	(32.4)	0.0	(27.7)
5/1/19 14:00	(24.4)	36.2	11.3	23.7	5/2/19 3:00	15.0	(17.9)	(0.0)	(8.3)
5/1/19 14:15	(8.1)	(9.9)	4.9	(4.2)	5/2/19 3:15	(23.6)	(19.5)	0.0	(42.2)
5/1/19 14:30	(10.5)	23.9	4.9	14.5	5/2/19 3:30	22.6	(20.3)	0.0	10.7
5/1/19 14:45	(20.0)	(10.5)	37.7	8.7	5/2/19 3:45	10.7	(19.8)	(0.0)	(9.1)
5/1/19 15:00	21.7	(66.2)	13.4	(31.1)	5/2/19 4:00	(10.6)	(2.0)	(0.0)	(10.5)
5/1/19 15:15	34.5	(17.4)	(21.6)	(6.1)	5/2/19 4:15	27.3	(19.7)	0.0	11.1
5/1/19 15:30	(18.2)	27.9	(12.4)	9.2	5/2/19 4:30	23.1	(12.6)	(0.0)	10.4
5/1/19 15:45	22.7	(11.2)	(3.5)	9.5	5/2/19 4:45	8.3	(5.7)	(0.0)	10.1
5/1/19 16:00	(4.0)	(24.2)	20.5	(6.1)	5/2/19 5:00	45.5	(17.2)	(0.0)	28.3
5/1/19 16:15	(25.0)	(20.4)	19.8	(25.9)	5/2/19 5:15	44.3	(42.0)	0.0	4.7
5/1/19 16:30	9.3	(7.9)	8.7	12.2	5/2/19 5:30	9.4	(84.4)	0.0	(78.8)
5/1/19 16:45	4.9	14.9	(17.6)	4.9	5/2/19 5:45	53.5	(52.9)	(0.0)	10.7
5/1/19 17:00	(14.9)	41.2	(34.5)	(5.7)	5/2/19 6:00	37.8	(21.5)	(0.0)	17.7
5/1/19 17:15	40.4	(43.5)	7.0	4.5	5/2/19 6:15	19.4	(21.5)	(0.1)	(8.8)
5/1/19 17:30	27.4	(16.6)	(21.6)	(8.4)	5/2/19 6:30	38.2	20.8	(1.6)	56.9
5/1/19 17:45	6.4	82.5	28.3	96.2	5/2/19 6:45	26.3	9.2	(5.2)	25.3
5/1/19 18:00	16.2	93.2	42.4	149.4	5/2/19 7:00	14.1	(25.0)	(10.0)	(30.2)
5/1/19 18:15	(8.6)	36.2	(9.3)	22.7	5/2/19 7:15	27.0	(32.7)	(13.4)	(24.8)
5/1/19 18:30	(44.7)	61.6	9.3	26.2	5/2/19 7:30	(8.8)	(15.8)	(20.9)	(45.2)
5/1/19 18:45	(27.0)	91.4	(4.8)	74.4	5/2/19 7:45	(19.2)	3.3	(12.4)	(26.8)
5/1/19 19:00	(4.8)	28.7	7.6	32.1	5/2/19 8:00	4.0	9.9	(10.8)	3.5
5/1/19 19:15	(26.4)	17.1	15.7	8.1	5/2/19 8:15	(12.4)	(15.2)	5.5	(21.4)
5/1/19 19:30	23.5	24.8	4.7	53.0	5/2/19 8:30	(32.0)	(9.2)	(12.2)	(51.8)
5/1/19 19:45	46.1	63.5	1.5	111.1	5/2/19 8:45	6.2	(44.2)	(2.7)	(40.6)
5/1/19 20:00	(30.5)	67.3	0.1	46.1	5/2/19 9:00	(4.3)	(39.0)	(7.6)	(47.4)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/2/19 9:15	(15.6)	(57.4)	2.2	(58.9)	5/2/19 22:15	(48.9)	(61.6)	0.0	(110.6)
5/2/19 9:30	37.8	(42.2)	1.2	(8.0)	5/2/19 22:30	(16.3)	(54.0)	0.0	(70.4)
5/2/19 9:45	(9.3)	19.0	(5.8)	9.2	5/2/19 22:45	(28.7)	9.1	(0.0)	(27.1)
5/2/19 10:00	(32.8)	19.9	6.0	(32.1)	5/2/19 23:00	(47.8)	(2.1)	0.0	(48.1)
5/2/19 10:15	15.7	17.3	6.5	37.3	5/2/19 23:15	(25.3)	17.0	0.0	(12.3)
5/2/19 10:30	(6.1)	(10.8)	1.4	(14.6)	5/2/19 23:30	(42.0)	(9.5)	(0.0)	(51.4)
5/2/19 10:45	(31.9)	25.7	0.7	(22.3)	5/2/19 23:45	(15.9)	(15.4)	(0.0)	(23.3)
5/2/19 11:00	5.6	52.0	(0.7)	53.7	5/3/19 0:00	(10.0)	10.7	(0.0)	(7.4)
5/2/19 11:15	23.1	6.4	3.1	31.6	5/3/19 0:15	(24.8)	10.8	(0.0)	(26.9)
5/2/19 11:30	(27.3)	0.4	8.2	(22.7)	5/3/19 0:30	11.4	(11.1)	(0.0)	(18.7)
5/2/19 11:45	(9.3)	(3.7)	(4.8)	(16.3)	5/3/19 0:45	(10.3)	26.8	(0.0)	17.1
5/2/19 12:00	16.6	(7.9)	3.8	10.4	5/3/19 1:00	(16.3)	18.5	0.0	7.4
5/2/19 12:15	(11.5)	2.1	(6.2)	(14.7)	5/3/19 1:15	31.6	27.3	(0.0)	52.1
5/2/19 12:30	(13.6)	3.5	(1.6)	(10.8)	5/3/19 1:30	14.4	(7.1)	(0.0)	16.9
5/2/19 12:45	11.1	(3.5)	(2.6)	8.4	5/3/19 1:45	(24.2)	(9.8)	0.0	(32.9)
5/2/19 13:00	4.9	(1.7)	10.9	14.9	5/3/19 2:00	12.7	23.7	0.0	31.8
5/2/19 13:15	(15.5)	(2.5)	15.3	(8.1)	5/3/19 2:15	10.6	16.7	(0.0)	27.3
5/2/19 13:30	16.9	6.1	2.8	24.3	5/3/19 2:30	(22.7)	11.3	0.0	(20.3)
5/2/19 13:45	4.0	(1.7)	(6.1)	(2.4)	5/3/19 2:45	14.8	(3.5)	0.0	13.0
5/2/19 14:00	(17.4)	2.0	(4.6)	(16.6)	5/3/19 3:00	10.3	15.6	(0.0)	25.5
5/2/19 14:15	29.0	(1.9)	(6.1)	21.7	5/3/19 3:15	(14.9)	9.4	0.0	(13.0)
5/2/19 14:30	11.8	(3.0)	(4.2)	4.8	5/3/19 3:30	18.6	(3.7)	0.0	17.8
5/2/19 14:45	(12.2)	15.5	(2.8)	10.1	5/3/19 3:45	6.0	(11.7)	0.0	(7.4)
5/2/19 15:00	12.4	6.5	(9.5)	15.5	5/3/19 4:00	(19.1)	(19.9)	0.0	(39.0)
5/2/19 15:15	7.0	(45.2)	(9.8)	(44.9)	5/3/19 4:15	38.9	18.9	(0.0)	57.8
5/2/19 15:30	(22.6)	(12.7)	26.9	(11.8)	5/3/19 4:30	36.9	26.4	0.0	63.2
5/2/19 15:45	11.7	4.1	(17.5)	(7.8)	5/3/19 4:45	(12.0)	21.2	0.0	16.7
5/2/19 16:00	12.6	2.2	(9.5)	15.8	5/3/19 5:00	35.1	6.7	(0.0)	38.0
5/2/19 16:15	(9.5)	(6.3)	9.0	(17.0)	5/3/19 5:15	(17.8)	(22.5)	0.0	(37.6)
5/2/19 16:30	25.6	(11.0)	(17.8)	12.8	5/3/19 5:30	15.5	(48.8)	(0.0)	(39.2)
5/2/19 16:45	9.4	1.8	(18.4)	(9.5)	5/3/19 5:45	49.8	(30.6)	(0.0)	20.8
5/2/19 17:00	(36.1)	14.5	(6.3)	(27.9)	5/3/19 6:00	34.4	(27.6)	(0.1)	7.4
5/2/19 17:15	(26.0)	(14.0)	(2.2)	(23.9)	5/3/19 6:15	27.0	(15.8)	(2.2)	15.1
5/2/19 17:30	23.8	(27.8)	39.8	36.1	5/3/19 6:30	44.4	12.1	(6.6)	50.0
5/2/19 17:45	(14.8)	(61.6)	(13.0)	(74.7)	5/3/19 6:45	24.7	(10.6)	(12.3)	(11.4)
5/2/19 18:00	12.9	42.8	(10.9)	52.7	5/3/19 7:00	15.0	(28.1)	(20.4)	(40.2)
5/2/19 18:15	11.0	52.2	6.1	69.3	5/3/19 7:15	7.2	24.9	(24.6)	5.8
5/2/19 18:30	(17.2)	44.9	27.2	58.0	5/3/19 7:30	(6.9)	5.1	(20.2)	(19.1)
5/2/19 18:45	25.9	13.2	24.2	62.2	5/3/19 7:45	(14.6)	20.4	(18.9)	(16.8)
5/2/19 19:00	8.9	(6.4)	8.5	15.8	5/3/19 8:00	11.6	65.7	(15.2)	62.1
5/2/19 19:15	(36.5)	41.7	9.1	16.9	5/3/19 8:15	(17.9)	40.5	(11.2)	26.0
5/2/19 19:30	20.6	72.8	6.6	97.9	5/3/19 8:30	(8.6)	(11.7)	(3.6)	(22.0)
5/2/19 19:45	10.7	72.6	3.2	86.5	5/3/19 8:45	7.6	(13.6)	(1.2)	(16.6)
5/2/19 20:00	(11.5)	40.8	0.2	40.8	5/3/19 9:00	8.5	(1.9)	(1.1)	7.9
5/2/19 20:15	55.6	39.4	0.0	95.0	5/3/19 9:15	(35.9)	(25.1)	(0.6)	(61.5)
5/2/19 20:30	8.4	(9.4)	(0.0)	(9.5)	5/3/19 9:30	16.5	17.1	1.0	32.2
5/2/19 20:45	(37.5)	32.9	0.0	(20.0)	5/3/19 9:45	11.8	13.6	(1.4)	24.0
5/2/19 21:00	(5.6)	51.5	0.0	50.2	5/3/19 10:00	(19.2)	26.1	(0.3)	14.7
5/2/19 21:15	(14.0)	12.5	(0.0)	(5.6)	5/3/19 10:15	13.9	29.3	1.1	40.2
5/2/19 21:30	(47.1)	(11.6)	(0.0)	(55.4)	5/3/19 10:30	5.0	32.0	0.2	36.0
5/2/19 21:45	(17.6)	(41.8)	(0.0)	(59.3)	5/3/19 10:45	(35.2)	28.2	(0.8)	(10.7)
5/2/19 22:00	(30.9)	(21.7)	0.0	(52.6)	5/3/19 11:00	(50.1)	40.7	0.5	(18.9)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/3/19 11:15	21.3	53.0	(0.2)	72.8	5/4/19 0:15	4.7	7.8	(0.0)	7.9
5/3/19 11:30	(9.4)	30.3	(0.4)	20.8	5/4/19 0:30	(26.6)	53.9	0.0	32.8
5/3/19 11:45	17.5	26.7	(0.3)	44.2	5/4/19 0:45	(21.1)	23.1	(0.0)	28.1
5/3/19 12:00	(15.6)	7.2	0.4	(12.8)	5/4/19 1:00	(4.4)	62.2	(0.0)	61.8
5/3/19 12:15	17.4	(2.7)	0.2	16.7	5/4/19 1:15	(18.9)	34.2	(0.0)	17.5
5/3/19 12:30	(16.4)	1.9	4.5	(10.6)	5/4/19 1:30	(18.1)	(14.6)	(0.0)	(14.5)
5/3/19 12:45	(8.7)	8.5	(4.4)	8.8	5/4/19 1:45	13.5	(23.9)	0.0	15.6
5/3/19 13:00	11.0	7.7	0.4	19.0	5/4/19 2:00	(19.8)	56.0	(0.0)	39.1
5/3/19 13:15	(11.9)	7.2	3.4	8.2	5/4/19 2:15	(17.5)	22.8	(0.0)	10.0
5/3/19 13:30	21.6	3.1	(2.9)	21.3	5/4/19 2:30	(7.1)	17.0	0.0	14.0
5/3/19 13:45	3.1	10.7	(0.3)	10.8	5/4/19 2:45	(15.5)	15.4	0.0	4.2
5/3/19 14:00	(18.5)	9.0	0.7	(10.3)	5/4/19 3:00	8.3	7.8	0.0	5.2
5/3/19 14:15	(23.0)	5.1	(0.3)	(18.2)	5/4/19 3:15	8.3	(11.2)	0.0	(7.6)
5/3/19 14:30	(4.4)	3.7	(1.1)	(2.0)	5/4/19 3:30	(21.1)	(43.6)	(0.0)	(60.0)
5/3/19 14:45	8.5	3.8	0.6	12.4	5/4/19 3:45	14.0	34.4	(0.0)	44.3
5/3/19 15:00	(3.2)	(1.4)	(0.6)	(4.7)	5/4/19 4:00	(14.5)	9.3	(0.0)	(7.6)
5/3/19 15:15	1.9	(0.8)	0.6	2.1	5/4/19 4:15	39.2	(86.0)	(0.0)	(46.8)
5/3/19 15:30	3.0	(3.0)	0.3	(1.5)	5/4/19 4:30	(15.1)	8.0	0.0	(9.0)
5/3/19 15:45	3.9	(2.8)	0.4	2.2	5/4/19 4:45	25.6	16.3	0.0	38.5
5/3/19 16:00	8.6	(5.2)	0.9	6.9	5/4/19 5:00	9.6	39.8	(0.0)	46.6
5/3/19 16:15	14.4	(13.1)	(1.6)	(7.7)	5/4/19 5:15	16.8	28.4	0.0	38.1
5/3/19 16:30	41.1	(8.2)	0.8	33.8	5/4/19 5:30	22.3	38.2	(0.0)	60.5
5/3/19 16:45	10.1	(14.4)	0.5	(14.4)	5/4/19 5:45	6.4	44.7	(0.0)	46.3
5/3/19 17:00	18.8	(7.6)	0.9	12.8	5/4/19 6:00	(24.3)	21.3	(0.2)	(11.2)
5/3/19 17:15	(21.1)	(20.0)	2.1	(37.8)	5/4/19 6:15	(20.8)	14.7	(2.1)	(14.9)
5/3/19 17:30	32.3	(24.7)	2.8	15.6	5/4/19 6:30	(8.8)	12.7	(4.4)	16.3
5/3/19 17:45	8.6	(22.4)	4.5	(10.8)	5/4/19 6:45	14.9	(1.8)	(9.4)	(11.7)
5/3/19 18:00	(27.4)	(34.5)	12.1	(45.8)	5/4/19 7:00	16.2	6.9	(17.2)	5.1
5/3/19 18:15	16.0	(36.0)	21.5	(15.0)	5/4/19 7:15	11.9	21.7	(15.3)	18.0
5/3/19 18:30	8.9	(59.4)	23.2	(27.3)	5/4/19 7:30	(14.8)	15.7	(17.2)	(16.5)
5/3/19 18:45	14.4	(61.8)	20.3	(33.8)	5/4/19 7:45	16.7	12.0	(15.3)	13.9
5/3/19 19:00	(16.8)	(45.6)	19.0	(40.9)	5/4/19 8:00	20.8	24.1	(10.4)	34.5
5/3/19 19:15	10.2	(23.4)	16.2	(9.8)	5/4/19 8:15	(25.9)	34.4	(18.2)	(14.0)
5/3/19 19:30	11.9	(11.5)	10.7	13.2	5/4/19 8:30	15.9	12.2	(12.4)	14.8
5/3/19 19:45	(18.2)	(35.3)	3.2	(40.1)	5/4/19 8:45	35.1	1.6	0.8	36.8
5/3/19 20:00	48.1	(32.5)	0.4	18.0	5/4/19 9:00	4.8	2.2	2.0	8.1
5/3/19 20:15	31.4	18.6	0.0	49.6	5/4/19 9:15	(25.5)	3.1	(6.4)	(29.1)
5/3/19 20:30	(26.3)	(8.2)	0.0	(34.5)	5/4/19 9:30	(4.3)	15.9	(2.0)	13.3
5/3/19 20:45	11.5	(13.6)	0.0	(11.2)	5/4/19 9:45	16.0	24.3	(3.7)	33.2
5/3/19 21:00	(31.3)	(44.5)	0.0	(75.8)	5/4/19 10:00	29.1	23.9	(6.4)	46.5
5/3/19 21:15	(20.9)	(123.7)	0.0	(144.6)	5/4/19 10:15	(6.9)	16.0	(1.1)	19.0
5/3/19 21:30	(40.6)	(140.2)	(0.0)	(179.9)	5/4/19 10:30	9.0	1.5	(0.0)	9.7
5/3/19 21:45	(4.0)	19.3	(0.0)	21.7	5/4/19 10:45	8.6	1.7	0.3	9.6
5/3/19 22:00	(17.3)	(7.2)	0.0	(19.8)	5/4/19 11:00	(13.9)	(1.3)	(0.6)	(15.6)
5/3/19 22:15	(24.8)	(13.6)	(0.0)	(23.1)	5/4/19 11:15	11.6	(7.7)	(0.0)	(12.3)
5/3/19 22:30	(13.3)	15.0	0.0	7.8	5/4/19 11:30	11.7	(8.7)	(0.1)	5.8
5/3/19 22:45	(30.9)	12.3	0.0	(18.6)	5/4/19 11:45	(7.0)	(10.5)	0.0	(15.8)
5/3/19 23:00	(45.6)	18.2	(0.0)	(27.4)	5/4/19 12:00	(15.3)	(16.5)	0.2	(27.2)
5/3/19 23:15	(21.7)	22.5	(0.0)	5.7	5/4/19 12:15	12.6	(19.5)	1.9	(11.1)
5/3/19 23:30	(22.9)	24.6	0.0	4.4	5/4/19 12:30	(11.8)	(13.2)	(1.9)	(24.4)
5/3/19 23:45	(28.9)	14.2	(0.0)	(14.6)	5/4/19 12:45	(10.1)	4.5	6.4	17.7
5/4/19 0:00	(28.5)	(18.6)	(0.0)	(43.8)	5/4/19 13:00	5.6	9.3	5.6	18.2

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/4/19 13:15	(8.2)	17.0	8.4	24.5	5/5/19 2:15	(15.7)	12.4	(0.0)	10.1
5/4/19 13:30	12.5	3.8	2.3	11.7	5/5/19 2:30	20.5	18.6	0.0	38.1
5/4/19 13:45	14.8	(18.1)	12.7	9.5	5/5/19 2:45	(18.2)	22.9	0.0	9.2
5/4/19 14:00	(8.4)	20.8	3.5	23.8	5/5/19 3:00	(14.6)	13.1	0.0	14.0
5/4/19 14:15	8.3	6.2	(11.4)	(8.7)	5/5/19 3:15	8.2	9.0	0.0	13.8
5/4/19 14:30	14.8	2.9	9.0	26.1	5/5/19 3:30	(14.8)	11.8	0.0	(9.1)
5/4/19 14:45	8.0	2.7	13.6	19.8	5/5/19 3:45	(45.5)	(5.6)	(0.0)	(47.2)
5/4/19 15:00	6.7	13.9	(11.8)	6.4	5/5/19 4:00	11.7	(7.3)	(0.0)	11.1
5/4/19 15:15	11.9	(26.6)	(6.8)	(24.8)	5/5/19 4:15	4.1	34.4	0.0	38.5
5/4/19 15:30	(8.2)	(60.7)	10.7	(57.2)	5/5/19 4:30	22.9	2.2	0.0	24.4
5/4/19 15:45	(15.6)	21.3	11.1	26.0	5/5/19 4:45	13.9	8.6	(0.0)	21.4
5/4/19 16:00	40.9	29.4	1.0	70.0	5/5/19 5:00	(7.3)	(6.7)	0.0	(7.4)
5/4/19 16:15	4.1	15.2	(9.7)	12.9	5/5/19 5:15	43.0	(3.7)	(0.0)	42.5
5/4/19 16:30	(11.2)	(18.5)	34.4	11.5	5/5/19 5:30	(16.9)	(3.1)	(0.0)	(15.5)
5/4/19 16:45	16.9	6.7	5.3	27.5	5/5/19 5:45	(43.7)	(18.0)	(0.0)	(61.7)
5/4/19 17:00	5.9	26.9	(8.7)	24.2	5/5/19 6:00	18.0	(5.2)	(0.2)	17.6
5/4/19 17:15	(16.9)	(23.8)	22.4	(18.3)	5/5/19 6:15	6.8	(4.1)	(2.2)	2.0
5/4/19 17:30	20.5	21.9	(27.9)	14.5	5/5/19 6:30	(24.5)	(5.4)	(7.4)	(35.2)
5/4/19 17:45	34.1	16.7	(38.0)	14.2	5/5/19 6:45	16.8	18.0	(16.8)	23.4
5/4/19 18:00	6.4	2.6	6.1	14.4	5/5/19 7:00	30.9	16.9	(19.0)	28.7
5/4/19 18:15	(26.7)	(4.5)	30.1	(8.5)	5/5/19 7:15	(9.2)	7.9	(21.4)	(18.3)
5/4/19 18:30	30.3	(8.7)	29.9	51.5	5/5/19 7:30	15.3	14.7	(21.4)	(18.3)
5/4/19 18:45	6.1	4.4	14.7	23.3	5/5/19 7:45	(59.6)	35.2	(18.8)	(49.0)
5/4/19 19:00	(27.4)	6.8	9.1	(15.4)	5/5/19 8:00	(30.4)	40.8	(14.7)	(20.8)
5/4/19 19:15	15.5	0.9	6.0	17.2	5/5/19 8:15	30.2	23.9	(7.6)	43.5
5/4/19 19:30	9.5	(3.6)	7.3	15.5	5/5/19 8:30	18.4	11.4	(2.8)	26.7
5/4/19 19:45	(13.0)	(14.5)	5.3	(15.6)	5/5/19 8:45	(18.0)	(2.4)	(1.8)	(20.8)
5/4/19 20:00	30.3	6.5	1.0	33.0	5/5/19 9:00	23.2	6.6	(1.8)	28.9
5/4/19 20:15	42.1	(18.9)	0.0	23.3	5/5/19 9:15	17.0	29.3	7.7	54.0
5/4/19 20:30	(8.6)	(32.9)	(0.0)	(33.9)	5/5/19 9:30	(13.7)	12.7	(3.0)	15.0
5/4/19 20:45	(13.6)	(34.8)	0.0	(42.7)	5/5/19 9:45	16.4	5.4	(5.4)	16.4
5/4/19 21:00	8.9	(41.7)	0.0	(33.1)	5/5/19 10:00	5.4	12.9	(1.5)	16.8
5/4/19 21:15	(13.6)	(94.5)	(0.0)	(106.1)	5/5/19 10:15	(11.4)	5.9	(0.1)	(9.4)
5/4/19 21:30	(43.3)	(19.7)	(0.0)	(60.1)	5/5/19 10:30	(12.5)	11.2	0.5	15.4
5/4/19 21:45	(20.0)	(40.9)	0.0	(60.2)	5/5/19 10:45	14.1	10.2	(0.6)	23.7
5/4/19 22:00	(30.9)	(113.5)	(0.0)	(144.4)	5/5/19 11:00	9.3	1.8	(0.1)	10.2
5/4/19 22:15	(35.3)	35.1	0.0	(18.6)	5/5/19 11:15	(16.1)	3.8	(0.2)	(13.6)
5/4/19 22:30	(13.7)	26.5	(0.0)	22.0	5/5/19 11:30	23.9	5.9	6.8	36.6
5/4/19 22:45	(19.9)	(6.4)	0.0	(26.3)	5/5/19 11:45	15.0	(4.8)	(6.1)	15.7
5/4/19 23:00	(45.7)	(0.8)	0.1	(45.7)	5/5/19 12:00	7.6	(3.1)	14.3	15.3
5/4/19 23:15	(13.0)	(6.6)	(0.0)	(16.0)	5/5/19 12:15	15.9	3.9	(6.0)	15.9
5/4/19 23:30	(31.6)	(12.7)	0.0	(44.3)	5/5/19 12:30	9.7	(14.4)	(7.7)	(12.4)
5/4/19 23:45	(35.9)	6.6	0.0	(33.5)	5/5/19 12:45	(16.8)	9.6	8.9	5.8
5/5/19 0:00	(13.3)	12.8	(0.0)	15.4	5/5/19 13:00	20.3	4.2	18.3	39.5
5/5/19 0:15	(11.9)	(30.8)	(0.0)	(42.8)	5/5/19 13:15	15.0	(3.5)	(8.6)	7.0
5/5/19 0:30	17.0	(13.9)	(0.0)	(30.3)	5/5/19 13:30	(19.1)	24.2	(16.6)	(11.4)
5/5/19 0:45	18.5	(14.5)	(0.0)	(24.8)	5/5/19 13:45	18.4	7.2	25.9	48.9
5/5/19 1:00	(9.9)	12.6	0.0	5.0	5/5/19 14:00	13.7	(3.8)	22.6	31.3
5/5/19 1:15	(14.2)	16.4	0.0	8.9	5/5/19 14:15	(28.2)	7.1	30.7	11.0
5/5/19 1:30	11.8	(7.4)	0.0	5.6	5/5/19 14:30	25.4	(11.4)	(46.4)	(33.4)
5/5/19 1:45	(1.5)	16.9	(0.0)	16.4	5/5/19 14:45	10.2	7.9	(6.2)	20.0
5/5/19 2:00	(28.5)	10.1	0.0	(18.9)	5/5/19 15:00	(16.5)	26.5	10.1	24.2

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	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/5/19 15:15	23.0	3.8	(10.4)	19.1	5/6/19 4:15	31.4	14.8	0.0	46.2
5/5/19 15:30	20.3	(45.3)	(4.0)	(27.5)	5/6/19 4:30	21.4	(13.3)	(0.1)	8.2
5/5/19 15:45	(36.2)	(22.6)	21.4	(30.5)	5/6/19 4:45	(9.6)	(7.5)	0.2	(15.4)
5/5/19 16:00	9.9	23.1	(23.6)	8.1	5/6/19 5:00	36.5	(22.2)	0.0	25.5
5/5/19 16:15	11.4	24.6	41.4	77.4	5/6/19 5:15	8.3	(41.3)	(0.0)	(35.3)
5/5/19 16:30	30.4	(10.5)	23.2	44.2	5/6/19 5:30	16.1	(7.2)	(0.0)	15.3
5/5/19 16:45	17.6	(16.4)	8.4	10.3	5/6/19 5:45	40.1	23.0	(0.0)	63.1
5/5/19 17:00	19.5	18.4	(15.6)	22.4	5/6/19 6:00	32.9	23.2	(0.1)	56.1
5/5/19 17:15	18.5	13.5	(7.3)	24.3	5/6/19 6:15	12.6	22.1	(1.7)	33.0
5/5/19 17:30	11.1	4.8	(18.9)	(5.8)	5/6/19 6:30	52.8	12.9	(7.8)	57.9
5/5/19 17:45	6.1	2.3	22.4	29.7	5/6/19 6:45	37.7	20.1	(14.0)	43.7
5/5/19 18:00	21.4	2.9	4.4	26.2	5/6/19 7:00	(6.9)	12.4	(16.8)	(11.3)
5/5/19 18:15	26.4	1.3	11.6	38.4	5/6/19 7:15	35.9	43.3	(9.6)	69.6
5/5/19 18:30	18.2	0.4	7.8	26.2	5/6/19 7:30	28.2	48.0	(25.1)	51.2
5/5/19 18:45	2.1	2.7	(3.0)	3.1	5/6/19 7:45	22.5	23.7	(13.0)	33.1
5/5/19 19:00	(23.0)	(10.9)	12.9	(21.0)	5/6/19 8:00	(24.9)	17.3	(9.3)	(18.9)
5/5/19 19:15	12.1	(16.1)	3.2	(9.3)	5/6/19 8:15	40.7	18.0	(3.7)	51.8
5/5/19 19:30	(1.9)	(23.4)	4.4	(19.5)	5/6/19 8:30	(17.9)	9.7	10.3	3.9
5/5/19 19:45	(18.8)	(26.8)	4.3	(35.0)	5/6/19 8:45	(34.1)	(16.6)	11.3	(44.3)
5/5/19 20:00	35.7	(20.3)	0.8	21.0	5/6/19 9:00	10.8	(16.8)	(14.7)	(28.6)
5/5/19 20:15	19.3	(35.6)	0.0	(16.3)	5/6/19 9:15	20.1	1.9	20.3	39.9
5/5/19 20:30	(14.3)	(101.8)	0.0	(112.0)	5/6/19 9:30	(17.5)	6.6	4.3	(10.0)
5/5/19 20:45	15.2	(44.1)	(0.0)	(33.0)	5/6/19 9:45	(5.4)	18.4	(1.6)	14.7
5/5/19 21:00	(13.1)	(92.8)	(0.0)	(105.9)	5/6/19 10:00	(19.3)	32.6	(8.3)	12.9
5/5/19 21:15	49.9	(35.8)	0.1	41.7	5/6/19 10:15	6.0	14.5	(7.5)	17.2
5/5/19 21:30	27.3	(11.3)	0.1	(34.8)	5/6/19 10:30	2.7	13.3	(11.2)	13.3
5/5/19 21:45	(42.4)	(13.3)	0.0	(55.7)	5/6/19 10:45	(3.2)	20.5	(8.4)	10.1
5/5/19 22:00	(51.1)	17.2	(0.0)	(35.0)	5/6/19 11:00	10.2	8.9	(4.1)	16.4
5/5/19 22:15	7.5	12.7	(0.0)	14.7	5/6/19 11:15	6.5	5.2	10.6	22.1
5/5/19 22:30	14.1	(51.7)	0.0	(43.3)	5/6/19 11:30	4.2	4.3	(2.9)	6.4
5/5/19 22:45	(57.9)	(45.6)	(0.0)	(103.5)	5/6/19 11:45	10.8	3.2	6.5	18.5
5/5/19 23:00	(13.9)	(30.5)	(0.0)	(42.3)	5/6/19 12:00	20.3	6.7	(13.8)	13.2
5/5/19 23:15	(17.4)	82.2	(0.0)	66.3	5/6/19 12:15	10.7	(2.0)	(20.9)	(11.9)
5/5/19 23:30	(63.5)	(20.3)	(0.0)	(79.0)	5/6/19 12:30	2.2	(13.1)	7.6	(5.6)
5/5/19 23:45	(19.7)	(20.5)	0.0	(39.3)	5/6/19 12:45	12.6	(15.2)	(3.2)	(5.2)
5/6/19 0:00	10.0	12.4	0.0	11.1	5/6/19 13:00	19.2	(29.6)	2.2	(10.4)
5/6/19 0:15	(7.0)	(3.1)	(0.0)	(5.3)	5/6/19 13:15	10.9	(41.2)	(2.4)	(34.2)
5/6/19 0:30	(36.4)	19.5	(0.0)	(16.9)	5/6/19 13:30	(1.7)	(37.7)	26.7	(14.7)
5/6/19 0:45	(11.6)	(15.4)	(0.0)	(18.9)	5/6/19 13:45	(7.5)	(45.0)	11.9	(44.1)
5/6/19 1:00	(16.3)	(3.6)	0.0	(17.2)	5/6/19 14:00	3.0	(46.5)	5.9	(40.7)
5/6/19 1:15	(23.8)	13.9	(0.0)	(13.0)	5/6/19 14:15	(4.2)	(28.1)	(32.4)	(62.6)
5/6/19 1:30	11.1	12.0	0.0	10.3	5/6/19 14:30	(4.9)	(13.3)	35.4	29.7
5/6/19 1:45	(7.3)	13.1	0.0	7.9	5/6/19 14:45	29.7	(3.0)	38.2	65.8
5/6/19 2:00	(15.1)	(5.2)	(0.0)	(15.9)	5/6/19 15:00	(13.7)	(15.4)	(36.6)	(62.2)
5/6/19 2:15	9.1	(6.6)	0.0	4.6	5/6/19 15:15	(4.5)	(8.2)	(2.9)	(12.5)
5/6/19 2:30	3.3	27.4	(0.0)	28.9	5/6/19 15:30	24.6	(33.4)	(14.4)	(22.4)
5/6/19 2:45	(16.6)	21.3	(0.0)	14.8	5/6/19 15:45	13.1	(49.3)	23.2	(30.2)
5/6/19 3:00	14.0	(15.3)	0.0	(9.5)	5/6/19 16:00	(34.1)	(132.3)	30.5	(135.8)
5/6/19 3:15	4.7	8.8	(0.0)	12.0	5/6/19 16:15	14.7	(40.1)	9.2	(27.0)
5/6/19 3:30	(19.1)	35.9	0.0	20.7	5/6/19 16:30	4.7	(13.9)	5.1	(8.7)
5/6/19 3:45	(19.9)	38.0	(0.0)	26.9	5/6/19 16:45	12.4	(11.4)	(5.3)	(16.8)
5/6/19 4:00	21.7	30.2	0.0	50.5	5/6/19 17:00	12.2	(30.1)	(25.9)	(49.5)

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	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/6/19 17:15	17.2	(25.7)	(6.2)	(16.1)	5/7/19 6:15	27.6	(38.2)	(0.1)	(25.1)
5/6/19 17:30	14.3	7.8	(14.2)	12.2	5/7/19 6:30	39.9	(35.8)	(1.3)	5.4
5/6/19 17:45	(25.4)	27.1	(21.3)	(32.8)	5/7/19 6:45	(9.0)	(40.7)	(2.8)	(48.5)
5/6/19 18:00	38.7	(10.9)	13.0	48.7	5/7/19 7:00	48.9	(63.7)	(3.9)	(18.6)
5/6/19 18:15	2.9	(89.2)	8.8	(80.1)	5/7/19 7:15	8.6	(43.1)	(14.8)	(52.5)
5/6/19 18:30	(14.9)	(98.3)	11.0	(99.7)	5/7/19 7:30	34.0	(25.9)	7.0	14.6
5/6/19 18:45	24.8	67.7	19.4	103.0	5/7/19 7:45	36.8	(35.9)	(5.4)	(8.1)
5/6/19 19:00	14.5	(33.6)	17.1	(32.6)	5/7/19 8:00	43.5	(32.8)	(19.4)	(12.7)
5/6/19 19:15	16.6	(49.4)	15.0	(32.4)	5/7/19 8:15	(21.8)	8.1	(15.7)	(22.2)
5/6/19 19:30	41.1	12.5	6.2	54.3	5/7/19 8:30	(28.2)	(18.1)	6.0	(37.5)
5/6/19 19:45	(15.2)	30.0	3.7	27.6	5/7/19 8:45	24.5	27.0	8.8	59.5
5/6/19 20:00	(23.3)	(14.7)	0.7	(35.7)	5/7/19 9:00	13.1	43.7	6.8	63.0
5/6/19 20:15	3.3	51.8	0.0	54.1	5/7/19 9:15	(17.0)	49.6	3.7	36.1
5/6/19 20:30	(30.8)	70.4	0.0	39.6	5/7/19 9:30	11.8	27.2	1.7	37.5
5/6/19 20:45	(7.4)	82.3	0.0	77.9	5/7/19 9:45	(5.4)	(17.3)	(5.1)	(27.7)
5/6/19 21:00	(23.7)	92.9	0.0	69.1	5/7/19 10:00	(29.6)	(48.4)	1.6	(73.8)
5/6/19 21:15	(45.1)	107.5	(0.0)	62.3	5/7/19 10:15	35.1	(11.2)	(1.7)	22.9
5/6/19 21:30	(34.6)	50.1	(0.0)	21.3	5/7/19 10:30	4.2	19.9	(1.7)	23.5
5/6/19 21:45	(32.2)	(65.7)	0.1	(97.9)	5/7/19 10:45	(20.1)	35.5	(6.0)	16.9
5/6/19 22:00	(58.5)	(13.0)	0.0	(64.1)	5/7/19 11:00	(19.6)	14.3	(16.6)	(22.0)
5/6/19 22:15	(32.4)	(12.9)	(0.0)	(39.8)	5/7/19 11:15	(5.0)	2.9	5.3	4.6
5/6/19 22:30	(21.3)	10.7	0.0	(18.5)	5/7/19 11:30	4.5	10.7	(14.6)	5.4
5/6/19 22:45	(27.3)	13.1	(0.0)	(14.7)	5/7/19 11:45	15.9	(2.8)	(5.9)	16.5
5/6/19 23:00	(46.1)	8.3	0.0	(38.0)	5/7/19 12:00	22.4	(6.2)	14.0	30.0
5/6/19 23:15	27.9	2.0	(0.0)	29.6	5/7/19 12:15	(11.0)	(37.3)	7.8	(33.8)
5/6/19 23:30	(14.1)	12.8	0.0	(4.6)	5/7/19 12:30	20.6	(58.0)	(5.3)	(46.9)
5/6/19 23:45	(37.3)	(19.8)	(0.0)	(55.8)	5/7/19 12:45	15.5	(34.1)	3.7	(32.3)
5/7/19 0:00	(12.8)	24.1	(0.0)	12.4	5/7/19 13:00	32.3	(14.5)	(10.7)	18.8
5/7/19 0:15	(7.8)	72.8	(0.0)	66.7	5/7/19 13:15	(12.8)	(28.1)	(3.1)	(41.7)
5/7/19 0:30	(15.3)	45.5	0.0	32.5	5/7/19 13:30	(14.0)	(25.3)	(17.1)	(50.0)
5/7/19 0:45	(9.7)	62.1	0.0	56.5	5/7/19 13:45	(10.9)	(41.7)	12.4	(41.0)
5/7/19 1:00	(13.4)	54.8	0.0	41.4	5/7/19 14:00	(8.4)	(17.4)	14.8	(12.7)
5/7/19 1:15	(15.0)	19.9	(0.0)	14.2	5/7/19 14:15	(41.7)	(13.6)	11.3	(42.4)
5/7/19 1:30	(10.2)	(3.4)	(0.0)	(10.9)	5/7/19 14:30	14.6	48.8	(5.5)	56.5
5/7/19 1:45	(16.2)	13.2	(0.0)	(9.4)	5/7/19 14:45	12.5	(21.7)	3.7	(9.7)
5/7/19 2:00	(13.9)	19.3	0.0	11.8	5/7/19 15:00	(28.5)	12.0	(4.4)	(26.4)
5/7/19 2:15	(12.7)	8.6	0.0	(7.2)	5/7/19 15:15	16.4	20.9	(15.3)	20.1
5/7/19 2:30	(15.3)	14.8	0.0	7.5	5/7/19 15:30	36.3	2.5	(7.3)	29.5
5/7/19 2:45	14.1	(52.4)	0.0	(41.3)	5/7/19 15:45	26.4	3.5	(11.4)	19.9
5/7/19 3:00	5.1	(67.2)	0.0	(64.3)	5/7/19 16:00	10.7	(15.7)	2.5	(14.4)
5/7/19 3:15	(18.9)	(28.1)	0.0	(46.9)	5/7/19 16:15	26.9	4.0	5.2	34.2
5/7/19 3:30	17.6	38.2	(0.0)	54.5	5/7/19 16:30	11.7	(4.5)	9.5	17.8
5/7/19 3:45	18.8	56.3	0.0	75.1	5/7/19 16:45	(28.0)	(3.5)	4.6	(25.0)
5/7/19 4:00	7.4	32.1	0.0	33.7	5/7/19 17:00	(10.2)	29.4	10.7	43.0
5/7/19 4:15	(14.0)	18.7	0.0	10.7	5/7/19 17:15	(6.8)	4.7	19.4	17.7
5/7/19 4:30	11.9	28.1	0.0	40.0	5/7/19 17:30	(10.4)	7.6	(9.3)	(17.9)
5/7/19 4:45	6.6	10.8	(0.0)	17.5	5/7/19 17:45	9.6	(16.3)	(15.6)	(31.7)
5/7/19 5:00	17.8	(13.2)	(0.0)	4.9	5/7/19 18:00	(8.0)	32.3	(20.4)	8.5
5/7/19 5:15	28.9	(9.6)	0.0	19.3	5/7/19 18:15	(48.1)	21.5	(2.9)	(29.5)
5/7/19 5:30	29.0	(3.8)	(0.0)	25.7	5/7/19 18:30	(9.2)	(4.2)	12.7	16.2
5/7/19 5:45	41.6	5.6	(0.0)	47.1	5/7/19 18:45	3.5	43.2	18.7	65.0
5/7/19 6:00	28.0	(34.3)	0.0	(22.3)	5/7/19 19:00	(18.0)	(12.7)	23.8	18.3

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/7/19 19:15	21.5	(29.6)	12.2	(11.2)	5/8/19 8:15	19.0	(18.7)	(15.2)	(11.4)
5/7/19 19:30	15.3	(11.8)	9.5	13.1	5/8/19 8:30	5.7	(23.3)	6.3	(11.8)
5/7/19 19:45	12.0	7.4	2.7	10.5	5/8/19 8:45	(25.4)	(4.4)	(10.9)	(36.6)
5/7/19 20:00	22.3	24.9	0.2	44.2	5/8/19 9:00	(9.5)	(17.6)	(27.6)	(46.1)
5/7/19 20:15	20.3	40.9	0.0	61.2	5/8/19 9:15	15.2	43.8	11.9	70.7
5/7/19 20:30	(12.8)	17.8	(0.0)	6.3	5/8/19 9:30	36.6	37.9	(13.6)	60.9
5/7/19 20:45	(16.9)	37.3	0.0	25.2	5/8/19 9:45	8.4	42.0	4.3	52.5
5/7/19 21:00	(13.3)	21.4	(0.0)	12.4	5/8/19 10:00	32.6	(14.2)	8.4	27.2
5/7/19 21:15	(20.6)	40.8	(0.0)	24.3	5/8/19 10:15	(8.8)	3.4	6.2	5.2
5/7/19 21:30	(45.2)	37.3	(0.0)	(11.4)	5/8/19 10:30	4.0	(1.7)	4.7	7.9
5/7/19 21:45	(19.2)	8.7	0.0	(13.2)	5/8/19 10:45	(6.9)	11.6	(9.6)	(5.3)
5/7/19 22:00	(40.6)	(23.6)	(0.0)	(64.1)	5/8/19 11:00	14.6	(13.6)	12.0	10.0
5/7/19 22:15	(50.5)	(13.9)	0.0	(64.3)	5/8/19 11:15	12.7	(9.9)	(3.2)	(5.7)
5/7/19 22:30	(46.7)	(20.9)	0.0	(67.4)	5/8/19 11:30	6.9	(11.0)	(9.4)	(14.9)
5/7/19 22:45	(31.6)	(46.5)	(0.0)	(78.1)	5/8/19 11:45	(27.1)	(7.1)	15.2	(14.2)
5/7/19 23:00	(35.4)	(48.7)	0.0	(84.2)	5/8/19 12:00	12.5	19.1	(12.7)	13.1
5/7/19 23:15	(23.8)	(36.5)	0.0	(60.2)	5/8/19 12:15	(4.6)	13.8	19.6	26.1
5/7/19 23:30	(25.2)	10.0	0.0	(16.4)	5/8/19 12:30	(30.8)	11.9	11.0	(13.3)
5/7/19 23:45	10.1	60.3	0.1	61.3	5/8/19 12:45	14.3	11.0	(0.6)	23.3
5/8/19 0:00	(15.2)	137.9	(0.0)	127.1	5/8/19 13:00	(14.2)	3.3	(3.2)	(14.1)
5/8/19 0:15	(15.2)	98.3	(0.0)	83.1	5/8/19 13:15	(32.4)	15.6	3.9	(19.9)
5/8/19 0:30	(45.8)	46.4	(0.0)	3.2	5/8/19 13:30	31.7	(9.2)	(4.1)	20.8
5/8/19 0:45	15.9	8.3	0.0	18.0	5/8/19 13:45	37.8	(24.2)	8.8	22.4
5/8/19 1:00	(7.7)	(20.7)	(0.0)	(24.9)	5/8/19 14:00	(21.6)	(7.8)	19.5	(10.4)
5/8/19 1:15	(20.0)	(3.9)	(0.0)	(20.6)	5/8/19 14:15	(33.5)	(31.2)	(4.5)	(67.3)
5/8/19 1:30	(47.4)	11.5	0.0	(35.9)	5/8/19 14:30	15.9	(5.1)	4.1	8.1
5/8/19 1:45	(7.2)	(4.7)	(0.0)	(11.7)	5/8/19 14:45	19.2	(8.8)	(4.5)	7.8
5/8/19 2:00	(2.3)	(13.3)	0.0	(15.5)	5/8/19 15:00	12.0	(13.1)	7.7	7.2
5/8/19 2:15	(5.1)	12.5	(0.0)	8.7	5/8/19 15:15	(12.8)	15.3	(14.0)	(13.9)
5/8/19 2:30	(4.0)	21.3	0.0	17.5	5/8/19 15:30	14.9	21.4	14.9	41.8
5/8/19 2:45	3.3	2.9	0.0	5.4	5/8/19 15:45	9.2	(5.6)	(7.8)	5.9
5/8/19 3:00	26.5	(5.4)	0.0	21.8	5/8/19 16:00	(12.7)	(17.3)	8.5	(24.2)
5/8/19 3:15	16.4	(7.6)	(0.0)	8.9	5/8/19 16:15	29.1	(37.5)	10.6	4.7
5/8/19 3:30	(7.6)	(9.9)	0.0	(17.5)	5/8/19 16:30	19.1	(20.2)	(10.9)	(12.0)
5/8/19 3:45	(17.6)	(18.2)	0.0	(31.4)	5/8/19 16:45	(26.8)	11.4	14.2	(4.4)
5/8/19 4:00	32.0	(29.7)	(0.0)	6.6	5/8/19 17:00	11.4	(21.4)	9.0	(8.5)
5/8/19 4:15	16.6	(18.3)	0.0	(2.7)	5/8/19 17:15	6.6	(60.8)	3.7	(50.5)
5/8/19 4:30	(11.7)	(41.4)	(0.0)	(52.8)	5/8/19 17:30	19.9	(35.1)	2.5	(12.7)
5/8/19 4:45	35.6	(81.9)	(0.0)	(46.3)	5/8/19 17:45	16.6	(15.8)	1.1	5.1
5/8/19 5:00	22.8	(109.7)	0.0	(86.9)	5/8/19 18:00	17.8	(9.2)	1.4	12.0
5/8/19 5:15	(8.2)	(149.1)	(0.0)	(155.1)	5/8/19 18:15	(12.7)	8.4	(0.4)	(7.6)
5/8/19 5:30	44.2	(58.2)	(0.0)	(25.2)	5/8/19 18:30	(11.4)	5.3	0.5	(7.4)
5/8/19 5:45	61.7	(76.5)	0.0	(21.8)	5/8/19 18:45	9.9	(14.1)	1.6	(13.6)
5/8/19 6:00	43.3	(98.1)	0.0	(54.8)	5/8/19 19:00	9.3	(10.2)	1.1	(10.6)
5/8/19 6:15	34.7	(31.1)	(0.1)	33.4	5/8/19 19:15	10.7	(3.9)	0.2	7.3
5/8/19 6:30	56.2	(40.2)	(2.1)	21.8	5/8/19 19:30	(15.4)	5.2	0.2	(11.7)
5/8/19 6:45	42.0	(31.9)	(5.8)	20.3	5/8/19 19:45	19.2	(7.9)	0.1	20.8
5/8/19 7:00	(4.8)	(29.1)	(9.8)	(38.5)	5/8/19 20:00	(36.7)	12.2	0.0	(33.0)
5/8/19 7:15	29.4	(42.4)	5.6	(21.4)	5/8/19 20:15	(30.1)	17.1	0.0	(13.0)
5/8/19 7:30	57.6	(54.5)	(19.7)	(16.6)	5/8/19 20:30	(11.3)	(19.4)	(0.0)	(30.8)
5/8/19 7:45	30.1	(58.3)	(15.2)	(43.4)	5/8/19 20:45	(14.9)	(7.6)	(0.0)	(21.2)
5/8/19 8:00	(15.1)	26.8	(7.4)	8.0	5/8/19 21:00	16.9	(8.3)	(0.0)	9.3

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/8/19 21:15	(25.7)	3.0	(0.0)	(22.7)	5/9/19 10:15	(9.7)	5.9	(7.7)	(11.7)
5/8/19 21:30	(22.8)	37.7	(0.0)	19.9	5/9/19 10:30	(5.2)	3.6	9.7	10.0
5/8/19 21:45	11.9	18.6	0.0	28.3	5/9/19 10:45	(3.7)	3.9	(6.2)	(6.7)
5/8/19 22:00	(38.5)	14.0	0.0	(25.4)	5/9/19 11:00	(3.1)	6.5	(1.6)	4.6
5/8/19 22:15	(43.2)	10.5	0.0	(32.7)	5/9/19 11:15	2.9	5.0	(8.6)	(4.3)
5/8/19 22:30	(41.6)	46.8	(0.0)	9.9	5/9/19 11:30	(3.0)	6.4	5.2	9.1
5/8/19 22:45	(30.5)	27.3	0.0	(6.7)	5/9/19 11:45	1.7	5.0	3.3	7.1
5/8/19 23:00	(48.1)	27.2	0.0	(22.2)	5/9/19 12:00	(2.3)	3.5	5.5	6.0
5/8/19 23:15	(7.2)	16.3	(0.0)	14.9	5/9/19 12:15	(3.3)	10.3	(4.5)	4.0
5/8/19 23:30	(24.3)	82.2	(0.0)	57.9	5/9/19 12:30	(12.9)	6.6	3.0	(3.4)
5/8/19 23:45	(31.6)	12.1	(0.0)	(25.0)	5/9/19 12:45	(3.5)	1.9	5.0	5.3
5/9/19 0:00	(20.5)	16.0	(0.0)	7.3	5/9/19 13:00	1.6	(0.6)	1.5	2.2
5/9/19 0:15	8.2	12.4	(0.0)	19.0	5/9/19 13:15	4.4	(6.1)	4.7	9.0
5/9/19 0:30	(30.5)	23.6	0.0	(8.7)	5/9/19 13:30	(6.2)	(37.3)	(2.1)	(44.4)
5/9/19 0:45	(25.5)	27.1	(0.0)	10.1	5/9/19 13:45	1.2	(1.7)	2.4	2.9
5/9/19 1:00	10.9	27.0	0.0	28.9	5/9/19 14:00	(3.5)	(10.1)	3.8	(9.2)
5/9/19 1:15	(17.9)	12.2	(0.0)	(6.8)	5/9/19 14:15	(3.3)	(3.9)	7.0	2.9
5/9/19 1:30	(22.4)	16.3	0.0	(7.6)	5/9/19 14:30	(2.6)	2.5	(7.0)	(7.0)
5/9/19 1:45	11.4	7.4	(0.0)	11.5	5/9/19 14:45	2.7	1.6	(3.1)	3.6
5/9/19 2:00	(6.1)	39.7	(0.0)	36.6	5/9/19 15:00	(4.6)	3.2	6.2	5.9
5/9/19 2:15	(31.8)	46.4	0.0	18.6	5/9/19 15:15	(3.3)	14.8	1.8	14.6
5/9/19 2:30	24.4	(7.0)	0.0	22.4	5/9/19 15:30	2.3	1.5	3.0	5.1
5/9/19 2:45	4.6	45.9	0.0	49.7	5/9/19 15:45	6.6	(9.5)	2.6	(3.6)
5/9/19 3:00	(30.8)	34.1	0.0	16.4	5/9/19 16:00	5.0	(2.8)	2.0	6.8
5/9/19 3:15	(22.3)	15.0	(0.0)	(14.6)	5/9/19 16:15	12.1	4.5	5.9	21.4
5/9/19 3:30	12.6	48.4	0.0	61.0	5/9/19 16:30	17.4	(3.7)	4.9	21.1
5/9/19 3:45	(26.9)	46.1	(0.0)	19.4	5/9/19 16:45	6.0	10.5	(1.3)	15.2
5/9/19 4:00	10.6	17.7	0.0	23.4	5/9/19 17:00	21.8	(5.2)	1.2	21.3
5/9/19 4:15	14.4	30.0	0.0	44.4	5/9/19 17:15	29.3	(21.7)	(0.5)	10.2
5/9/19 4:30	16.1	28.9	(0.0)	44.9	5/9/19 17:30	13.0	(11.9)	(1.3)	(2.0)
5/9/19 4:45	19.5	25.4	(0.0)	44.9	5/9/19 17:45	(29.8)	(20.9)	2.9	(46.2)
5/9/19 5:00	29.2	30.3	0.0	59.5	5/9/19 18:00	(17.6)	6.0	0.9	(19.4)
5/9/19 5:15	34.0	0.8	(0.0)	34.6	5/9/19 18:15	(19.4)	10.9	3.7	(7.8)
5/9/19 5:30	35.9	2.4	0.0	38.3	5/9/19 18:30	20.6	26.0	2.2	47.6
5/9/19 5:45	34.5	7.6	(0.0)	42.1	5/9/19 18:45	10.1	23.5	1.7	35.0
5/9/19 6:00	24.9	6.5	0.1	31.3	5/9/19 19:00	(6.9)	23.8	2.0	22.1
5/9/19 6:15	48.1	(17.9)	(0.9)	30.1	5/9/19 19:15	13.2	20.1	0.7	26.7
5/9/19 6:30	33.8	(19.1)	(0.3)	14.9	5/9/19 19:30	8.7	2.1	0.5	10.7
5/9/19 6:45	30.4	(10.4)	0.0	20.0	5/9/19 19:45	10.8	(2.0)	0.5	10.1
5/9/19 7:00	29.3	9.0	(0.3)	36.6	5/9/19 20:00	(14.9)	(1.1)	0.0	(15.3)
5/9/19 7:15	25.6	35.9	(2.4)	59.0	5/9/19 20:15	37.5	(3.3)	(0.0)	34.2
5/9/19 7:30	19.1	44.7	(4.2)	59.7	5/9/19 20:30	(3.1)	1.6	0.0	(2.8)
5/9/19 7:45	7.5	13.5	(1.3)	19.5	5/9/19 20:45	(38.5)	(12.5)	0.0	(51.1)
5/9/19 8:00	5.8	8.1	1.8	14.1	5/9/19 21:00	(10.0)	(9.1)	(0.0)	(9.6)
5/9/19 8:15	1.8	36.2	(7.3)	30.6	5/9/19 21:15	(18.8)	(2.7)	0.0	(21.0)
5/9/19 8:30	(3.6)	36.4	(6.6)	26.2	5/9/19 21:30	(62.4)	7.7	(0.0)	(54.7)
5/9/19 8:45	4.4	19.5	(1.8)	23.0	5/9/19 21:45	7.3	3.4	(0.0)	10.0
5/9/19 9:00	(10.4)	23.4	(3.3)	9.8	5/9/19 22:00	(34.5)	(5.6)	0.0	(40.1)
5/9/19 9:15	(3.9)	12.2	(7.1)	4.8	5/9/19 22:15	(61.9)	(4.0)	(0.0)	(65.8)
5/9/19 9:30	(13.8)	10.6	2.3	(4.9)	5/9/19 22:30	(20.5)	6.8	(0.0)	(15.9)
5/9/19 9:45	(10.6)	11.8	(3.3)	(3.7)	5/9/19 22:45	(29.5)	(11.1)	0.0	(40.6)
5/9/19 10:00	(3.3)	8.2	(8.3)	(3.7)	5/9/19 23:00	(40.5)	(4.7)	0.0	(42.3)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/9/19 23:15	(59.9)	13.3	(0.0)	(46.6)	5/10/19 12:15	(7.7)	6.0	(6.3)	(10.0)
5/9/19 23:30	(28.1)	7.6	0.0	(20.5)	5/10/19 12:30	(27.6)	28.1	(1.9)	(2.6)
5/9/19 23:45	(22.8)	(4.8)	(0.0)	(25.3)	5/10/19 12:45	(8.8)	(9.7)	(5.1)	(16.0)
5/10/19 0:00	(13.0)	(12.0)	(0.0)	(20.6)	5/10/19 13:00	14.3	(19.4)	(2.3)	(8.2)
5/10/19 0:15	20.1	(16.5)	0.0	(13.2)	5/10/19 13:15	(14.6)	(12.1)	(2.3)	(21.7)
5/10/19 0:30	(14.9)	(14.4)	(0.0)	(28.2)	5/10/19 13:30	13.9	11.2	(1.4)	19.5
5/10/19 0:45	(43.3)	(11.1)	(0.0)	(54.3)	5/10/19 13:45	19.3	(3.4)	(8.3)	10.5
5/10/19 1:00	17.9	(13.3)	0.0	(8.0)	5/10/19 14:00	(31.2)	23.5	(4.8)	(13.6)
5/10/19 1:15	10.1	(20.5)	(0.0)	(12.0)	5/10/19 14:15	(19.8)	26.8	(1.2)	9.9
5/10/19 1:30	(30.3)	(34.4)	0.0	(64.7)	5/10/19 14:30	29.9	(8.8)	(6.5)	15.1
5/10/19 1:45	(22.0)	(40.8)	(0.0)	(58.3)	5/10/19 14:45	(3.9)	(15.6)	(1.3)	(16.2)
5/10/19 2:00	39.5	(59.6)	0.0	(20.2)	5/10/19 15:00	(19.2)	22.3	4.7	10.2
5/10/19 2:15	11.0	(32.8)	0.0	(25.5)	5/10/19 15:15	26.1	35.0	2.1	61.5
5/10/19 2:30	(3.7)	(7.8)	0.0	(11.1)	5/10/19 15:30	10.8	50.0	1.7	61.3
5/10/19 2:45	(3.3)	23.5	0.0	20.2	5/10/19 15:45	(10.7)	42.7	2.0	42.1
5/10/19 3:00	2.3	25.7	0.0	26.9	5/10/19 16:00	(30.3)	32.1	12.0	21.4
5/10/19 3:15	35.8	5.2	0.0	37.8	5/10/19 16:15	21.8	21.1	15.8	57.7
5/10/19 3:30	9.5	(6.1)	(0.0)	4.0	5/10/19 16:30	1.6	20.0	3.7	24.6
5/10/19 3:45	5.8	12.0	0.0	16.1	5/10/19 16:45	(28.4)	53.7	(1.3)	31.2
5/10/19 4:00	12.2	3.0	(0.0)	9.8	5/10/19 17:00	(41.4)	57.6	0.9	23.1
5/10/19 4:15	26.1	1.8	0.0	27.9	5/10/19 17:15	5.5	54.6	1.6	61.3
5/10/19 4:30	14.9	7.3	(0.0)	21.4	5/10/19 17:30	(10.7)	29.6	(1.9)	25.3
5/10/19 4:45	(21.3)	6.2	0.0	(17.7)	5/10/19 17:45	36.4	31.7	2.5	70.4
5/10/19 5:00	(9.7)	(10.1)	0.0	(16.2)	5/10/19 18:00	13.5	17.2	7.5	36.1
5/10/19 5:15	14.6	(32.7)	(0.0)	(26.0)	5/10/19 18:15	(45.5)	6.5	13.0	(29.9)
5/10/19 5:30	66.6	10.2	(0.0)	76.8	5/10/19 18:30	23.0	14.7	2.0	38.1
5/10/19 5:45	13.8	(8.2)	0.0	18.1	5/10/19 18:45	7.7	(10.2)	5.9	5.1
5/10/19 6:00	50.8	(49.4)	(0.1)	11.7	5/10/19 19:00	(29.9)	(11.7)	5.8	(33.8)
5/10/19 6:15	26.0	(29.2)	(0.6)	(4.8)	5/10/19 19:15	24.5	(6.0)	4.7	22.3
5/10/19 6:30	9.8	(12.5)	(2.1)	(14.1)	5/10/19 19:30	8.4	(14.3)	2.4	(6.0)
5/10/19 6:45	35.9	(6.5)	(3.3)	26.1	5/10/19 19:45	(7.8)	(23.3)	1.8	(24.0)
5/10/19 7:00	6.0	(4.5)	(7.8)	(10.9)	5/10/19 20:00	29.7	(51.0)	0.2	(29.3)
5/10/19 7:15	(16.9)	(6.9)	(4.5)	(26.5)	5/10/19 20:15	53.5	(66.0)	(0.0)	(13.6)
5/10/19 7:30	15.7	(9.6)	(4.8)	(15.7)	5/10/19 20:30	22.2	(51.4)	0.0	(36.6)
5/10/19 7:45	88.6	(3.4)	(4.1)	81.0	5/10/19 20:45	(24.0)	(18.7)	(0.0)	(42.7)
5/10/19 8:00	(17.0)	(38.0)	(1.2)	(52.6)	5/10/19 21:00	11.0	(34.0)	0.0	(29.6)
5/10/19 8:15	(87.3)	(35.6)	(5.3)	(128.1)	5/10/19 21:15	(8.6)	(32.5)	(0.0)	(33.7)
5/10/19 8:30	14.5	(45.6)	(10.3)	(50.6)	5/10/19 21:30	(13.9)	(48.0)	0.0	(61.9)
5/10/19 8:45	21.0	(52.8)	2.2	(35.1)	5/10/19 21:45	(46.8)	(47.7)	0.0	(94.5)
5/10/19 9:00	(21.7)	(67.2)	1.7	(82.1)	5/10/19 22:00	(25.3)	(26.3)	0.0	(51.5)
5/10/19 9:15	48.9	(69.1)	8.3	(24.9)	5/10/19 22:15	(11.2)	(31.6)	0.0	(40.2)
5/10/19 9:30	10.0	(30.3)	(2.2)	(27.3)	5/10/19 22:30	(54.4)	(17.8)	0.0	(71.1)
5/10/19 9:45	(11.8)	(52.3)	1.4	(62.0)	5/10/19 22:45	(13.6)	12.6	(0.0)	9.7
5/10/19 10:00	11.1	(43.9)	(3.1)	(49.2)	5/10/19 23:00	(23.3)	(20.0)	0.0	(43.3)
5/10/19 10:15	(12.7)	(20.6)	5.3	(27.1)	5/10/19 23:15	(40.3)	8.3	(0.0)	(35.2)
5/10/19 10:30	(10.6)	(23.1)	(9.3)	(41.6)	5/10/19 23:30	(25.0)	27.2	0.0	20.7
5/10/19 10:45	(30.0)	(32.9)	3.5	(59.5)	5/10/19 23:45	(14.8)	17.1	(0.0)	10.8
5/10/19 11:00	(13.3)	64.1	(5.5)	52.7	5/11/19 0:00	(33.4)	15.3	(0.0)	(18.0)
5/10/19 11:15	31.3	12.5	(2.1)	41.7	5/11/19 0:15	(51.8)	20.0	(0.0)	(34.7)
5/10/19 11:30	(42.8)	27.4	2.3	(13.2)	5/11/19 0:30	16.1	16.5	(0.0)	31.1
5/10/19 11:45	(22.5)	37.0	(0.6)	21.6	5/11/19 0:45	(7.4)	27.5	0.0	20.1
5/10/19 12:00	7.8	4.0	(0.7)	6.6	5/11/19 1:00	(42.5)	5.5	(0.0)	(40.8)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/11/19 1:15	54.3	5.8	0.0	60.1	5/11/19 14:15	23.9	(7.7)	2.8	19.6
5/11/19 1:30	26.0	16.8	(0.0)	40.2	5/11/19 14:30	12.4	(30.0)	7.7	(9.9)
5/11/19 1:45	2.9	14.7	(0.0)	16.3	5/11/19 14:45	(29.8)	10.2	(9.7)	(31.2)
5/11/19 2:00	(35.3)	13.9	0.0	(22.1)	5/11/19 15:00	15.9	(25.5)	(1.2)	(11.0)
5/11/19 2:15	20.2	(1.0)	(0.0)	19.9	5/11/19 15:15	(3.4)	24.7	(4.4)	21.2
5/11/19 2:30	3.1	(7.4)	0.0	(6.8)	5/11/19 15:30	(18.0)	(19.2)	22.4	(15.4)
5/11/19 2:45	(22.8)	(10.0)	0.0	(32.8)	5/11/19 15:45	(4.8)	(47.0)	38.2	(19.1)
5/11/19 3:00	(8.3)	3.7	0.0	11.1	5/11/19 16:00	(7.9)	(50.9)	53.4	20.2
5/11/19 3:15	16.4	27.5	(0.0)	43.9	5/11/19 16:15	(5.2)	8.3	(3.8)	5.4
5/11/19 3:30	(11.2)	40.8	0.0	33.6	5/11/19 16:30	7.4	(21.8)	1.1	(13.5)
5/11/19 3:45	13.3	15.8	(0.0)	29.0	5/11/19 16:45	15.8	(7.0)	(1.0)	11.0
5/11/19 4:00	6.7	(14.8)	0.1	(9.1)	5/11/19 17:00	41.9	52.2	(53.1)	41.1
5/11/19 4:15	(14.6)	(17.7)	(0.0)	(26.5)	5/11/19 17:15	(16.1)	(39.7)	11.1	(43.4)
5/11/19 4:30	26.9	9.2	(0.0)	35.3	5/11/19 17:30	29.8	(25.2)	(23.6)	(19.0)
5/11/19 4:45	13.8	(13.9)	(0.0)	(2.9)	5/11/19 17:45	(10.6)	(28.2)	(5.1)	(39.2)
5/11/19 5:00	(10.0)	6.1	0.0	6.7	5/11/19 18:00	(8.4)	28.1	19.8	44.3
5/11/19 5:15	16.5	(38.7)	(0.0)	(26.2)	5/11/19 18:15	39.0	18.2	16.3	73.5
5/11/19 5:30	17.3	(70.2)	0.0	(52.8)	5/11/19 18:30	30.0	35.4	25.7	87.4
5/11/19 5:45	(22.6)	(60.5)	(0.0)	(83.1)	5/11/19 18:45	11.3	(79.3)	13.0	(61.7)
5/11/19 6:00	10.2	(36.8)	(0.8)	(33.0)	5/11/19 19:00	(20.6)	75.1	17.9	77.2
5/11/19 6:15	23.6	38.2	(3.3)	53.2	5/11/19 19:15	7.5	(48.5)	3.7	(39.9)
5/11/19 6:30	14.4	(16.3)	(8.6)	(10.2)	5/11/19 19:30	15.4	47.7	3.6	59.4
5/11/19 6:45	15.6	15.0	(18.2)	12.4	5/11/19 19:45	(20.4)	96.2	2.0	86.2
5/11/19 7:00	(22.8)	43.4	(20.0)	2.6	5/11/19 20:00	42.4	(76.4)	1.2	(32.9)
5/11/19 7:15	15.2	6.0	(21.2)	(3.6)	5/11/19 20:15	33.9	(101.1)	0.0	(67.2)
5/11/19 7:30	22.6	42.5	(15.1)	50.1	5/11/19 20:30	(9.8)	63.3	(0.0)	58.6
5/11/19 7:45	6.1	45.3	(5.9)	39.7	5/11/19 20:45	(24.3)	66.0	0.0	41.7
5/11/19 8:00	7.5	(7.5)	(10.2)	(19.4)	5/11/19 21:00	(7.7)	24.0	(0.0)	16.3
5/11/19 8:15	38.3	(69.2)	(4.2)	(35.1)	5/11/19 21:15	17.1	77.6	(0.0)	93.0
5/11/19 8:30	19.3	(69.5)	(7.4)	(66.9)	5/11/19 21:30	(45.5)	54.3	(0.0)	18.1
5/11/19 8:45	(33.9)	63.4	(11.7)	25.3	5/11/19 21:45	(25.7)	(11.6)	0.0	(31.6)
5/11/19 9:00	(14.1)	(19.9)	1.8	(29.8)	5/11/19 22:00	(9.9)	(38.6)	(0.0)	(43.7)
5/11/19 9:15	6.4	(22.2)	(1.3)	(18.3)	5/11/19 22:15	(19.2)	22.2	0.0	19.2
5/11/19 9:30	(15.0)	21.9	51.6	59.1	5/11/19 22:30	(46.2)	88.3	0.0	48.7
5/11/19 9:45	(10.0)	48.4	(39.8)	10.1	5/11/19 22:45	(11.5)	93.9	(0.0)	86.8
5/11/19 10:00	15.8	(25.0)	(7.2)	(16.4)	5/11/19 23:00	(23.3)	12.4	0.0	(17.5)
5/11/19 10:15	(19.6)	(13.3)	22.1	(13.4)	5/11/19 23:15	(49.1)	11.0	(0.0)	(43.2)
5/11/19 10:30	18.5	(15.9)	28.5	18.5	5/11/19 23:30	7.0	12.4	(0.0)	18.1
5/11/19 10:45	9.5	(22.0)	8.4	(9.9)	5/11/19 23:45	(21.8)	5.9	(0.0)	(19.6)
5/11/19 11:00	6.4	(20.6)	1.6	(17.9)	5/12/19 0:00	(54.8)	12.4	(0.0)	(42.5)
5/11/19 11:15	(43.5)	19.3	5.8	(20.4)	5/12/19 0:15	(6.9)	18.4	(0.0)	17.9
5/11/19 11:30	35.1	(14.6)	(3.0)	19.7	5/12/19 0:30	(7.0)	14.5	(0.0)	13.3
5/11/19 11:45	7.3	11.7	(18.7)	(2.9)	5/12/19 0:45	(33.2)	(1.1)	(0.0)	(33.3)
5/11/19 12:00	(16.2)	(6.3)	8.2	(19.2)	5/12/19 1:00	12.8	(6.3)	(0.0)	(13.9)
5/11/19 12:15	23.2	(17.4)	21.0	17.9	5/12/19 1:15	5.3	0.8	(0.0)	5.7
5/11/19 12:30	23.0	(16.2)	(24.0)	(22.9)	5/12/19 1:30	(29.3)	14.0	(0.0)	(15.5)
5/11/19 12:45	4.4	(6.4)	10.3	(5.2)	5/12/19 1:45	(24.7)	10.2	0.0	(16.4)
5/11/19 13:00	(36.7)	19.2	14.8	(7.1)	5/12/19 2:00	22.3	(22.4)	0.0	(7.6)
5/11/19 13:15	13.5	12.9	5.9	30.5	5/12/19 2:15	6.2	(15.1)	(0.0)	(12.4)
5/11/19 13:30	9.7	8.7	(7.5)	11.2	5/12/19 2:30	(14.6)	(14.2)	0.0	(28.5)
5/11/19 13:45	(3.7)	29.7	(30.4)	(4.0)	5/12/19 2:45	(20.2)	(13.1)	0.0	(29.3)
5/11/19 14:00	(27.4)	44.3	(24.4)	(16.2)	5/12/19 3:00	16.3	(11.1)	(0.0)	12.4

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/12/19 3:15	10.3	(18.0)	(0.0)	(12.8)	5/12/19 16:15	14.0	(18.6)	3.9	32.6
5/12/19 3:30	(18.0)	2.9	0.0	(15.3)	5/12/19 16:30	34.8	55.9	(4.4)	86.6
5/12/19 3:45	11.2	(9.2)	0.0	8.9	5/12/19 16:45	25.7	45.3	4.3	74.7
5/12/19 4:00	(25.9)	(34.6)	0.0	(60.4)	5/12/19 17:00	12.0	56.8	(3.8)	61.8
5/12/19 4:15	(19.7)	(16.5)	(0.0)	(35.9)	5/12/19 17:15	35.1	67.6	1.6	104.3
5/12/19 4:30	21.2	(18.7)	(0.0)	(11.8)	5/12/19 17:30	14.2	29.9	3.7	47.8
5/12/19 4:45	26.5	(9.6)	0.0	17.0	5/12/19 17:45	11.5	26.6	3.4	32.9
5/12/19 5:00	15.3	19.7	(0.0)	35.1	5/12/19 18:00	34.4	39.4	19.6	93.4
5/12/19 5:15	(26.5)	22.1	(0.0)	(6.7)	5/12/19 18:15	4.3	42.4	12.2	56.8
5/12/19 5:30	3.9	(7.8)	(0.0)	(6.6)	5/12/19 18:30	(14.1)	22.7	16.2	25.1
5/12/19 5:45	1.9	44.7	0.0	46.6	5/12/19 18:45	10.4	16.0	20.1	41.8
5/12/19 6:00	28.7	43.2	(1.0)	70.9	5/12/19 19:00	19.2	5.2	18.6	38.9
5/12/19 6:15	18.1	21.4	(4.6)	34.8	5/12/19 19:15	(20.2)	(32.3)	16.7	(35.8)
5/12/19 6:30	(7.6)	19.7	(13.4)	6.0	5/12/19 19:30	15.9	(45.7)	15.0	(17.8)
5/12/19 6:45	3.5	13.6	(18.8)	(5.7)	5/12/19 19:45	4.1	(55.3)	5.0	(46.2)
5/12/19 7:00	8.2	16.1	(22.1)	4.3	5/12/19 20:00	(22.3)	(102.0)	1.5	(121.4)
5/12/19 7:15	50.0	20.0	(23.7)	46.3	5/12/19 20:15	34.8	(111.8)	0.1	(85.6)
5/12/19 7:30	(20.1)	25.1	(19.2)	(15.1)	5/12/19 20:30	47.9	(78.9)	0.0	(32.1)
5/12/19 7:45	26.9	36.1	(16.2)	42.3	5/12/19 20:45	18.7	(49.6)	(0.0)	(31.3)
5/12/19 8:00	(19.2)	36.3	(9.3)	11.7	5/12/19 21:00	(29.2)	(30.2)	(0.0)	(59.2)
5/12/19 8:15	8.9	7.2	(4.2)	10.7	5/12/19 21:15	10.4	(16.8)	0.0	(14.5)
5/12/19 8:30	(0.8)	(37.1)	(1.9)	(39.7)	5/12/19 21:30	(25.6)	(44.5)	(0.0)	(70.1)
5/12/19 8:45	4.3	(94.5)	(1.2)	(91.6)	5/12/19 21:45	(56.4)	(42.2)	0.0	(98.6)
5/12/19 9:00	3.0	(108.5)	5.2	(100.9)	5/12/19 22:00	(43.9)	(15.2)	0.0	(54.4)
5/12/19 9:15	32.0	(12.3)	38.9	59.4	5/12/19 22:15	(5.9)	15.9	(0.0)	18.9
5/12/19 9:30	25.5	(48.5)	(39.2)	(51.9)	5/12/19 22:30	(40.8)	21.0	0.0	(19.7)
5/12/19 9:45	(6.1)	(76.1)	40.0	(41.8)	5/12/19 22:45	(59.0)	12.3	0.0	(47.8)
5/12/19 10:00	(2.6)	(75.4)	48.7	(27.8)	5/12/19 23:00	(23.9)	17.3	0.0	(12.1)
5/12/19 10:15	9.0	(50.6)	7.7	(34.2)	5/12/19 23:15	9.2	(28.1)	(0.0)	(23.9)
5/12/19 10:30	(10.8)	16.5	(0.1)	10.3	5/12/19 23:30	6.3	7.0	0.0	6.6
5/12/19 10:45	(2.9)	14.4	(0.2)	12.9	5/12/19 23:45	(48.7)	39.5	(0.0)	(9.3)
5/12/19 11:00	(3.5)	18.3	0.1	15.3	5/13/19 0:00	(47.2)	70.6	(0.0)	24.8
5/12/19 11:15	4.7	15.5	(0.1)	19.1	5/13/19 0:15	(12.2)	32.7	(0.0)	22.4
5/12/19 11:30	(8.6)	19.5	(0.1)	12.8	5/13/19 0:30	13.5	(39.2)	(0.0)	(30.6)
5/12/19 11:45	35.1	(16.4)	(0.6)	18.7	5/13/19 0:45	(6.7)	29.6	(0.0)	28.7
5/12/19 12:00	6.4	(10.2)	0.1	(8.4)	5/13/19 1:00	(24.5)	23.5	(0.0)	(9.9)
5/12/19 12:15	4.1	(12.7)	(0.6)	(10.9)	5/13/19 1:15	(12.1)	27.1	0.0	21.4
5/12/19 12:30	(29.5)	3.5	(1.4)	(27.3)	5/13/19 1:30	(5.7)	(4.3)	(0.0)	(9.2)
5/12/19 12:45	20.3	(12.4)	1.0	9.5	5/13/19 1:45	(26.7)	(5.2)	0.0	(28.7)
5/12/19 13:00	3.0	12.4	0.2	14.7	5/13/19 2:00	(30.9)	47.4	(0.0)	22.7
5/12/19 13:15	(29.4)	23.6	0.4	(7.2)	5/13/19 2:15	13.6	(5.0)	(0.0)	10.6
5/12/19 13:30	(12.7)	15.5	0.3	4.2	5/13/19 2:30	17.5	9.6	0.0	24.9
5/12/19 13:45	2.6	7.0	(1.4)	9.5	5/13/19 2:45	(10.5)	6.3	0.0	(9.0)
5/12/19 14:00	33.4	23.6	(38.9)	18.7	5/13/19 3:00	10.9	(15.0)	0.0	(13.6)
5/12/19 14:15	11.6	14.4	(66.1)	(42.7)	5/13/19 3:15	9.6	(5.4)	(0.0)	4.6
5/12/19 14:30	5.5	22.8	(1.9)	21.0	5/13/19 3:30	(15.1)	13.0	0.0	(5.3)
5/12/19 14:45	(26.9)	20.4	6.4	(7.3)	5/13/19 3:45	23.4	(27.1)	(0.0)	(5.0)
5/12/19 15:00	(10.5)	10.7	(1.9)	7.8	5/13/19 4:00	14.7	(15.9)	0.0	(5.4)
5/12/19 15:15	17.0	4.1	3.3	18.9	5/13/19 4:15	(14.7)	(4.2)	(0.0)	(13.5)
5/12/19 15:30	(23.2)	16.8	6.6	3.1	5/13/19 4:30	(46.6)	2.8	(0.0)	(43.9)
5/12/19 15:45	33.1	(15.7)	(9.9)	10.0	5/13/19 4:45	18.4	19.5	0.0	37.4
5/12/19 16:00	18.1	(38.2)	2.5	(19.1)	5/13/19 5:00	31.6	48.4	(0.0)	80.0

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/13/19 5:15	75.2	37.6	0.0	112.8	5/13/19 18:15	(22.1)	(11.0)	(13.8)	(35.7)
5/13/19 5:30	32.3	28.6	(0.0)	60.9	5/13/19 18:30	16.7	41.2	5.3	59.7
5/13/19 5:45	13.1	3.3	(0.0)	16.1	5/13/19 18:45	(12.8)	31.6	2.7	20.4
5/13/19 6:00	36.4	(1.0)	(1.0)	35.0	5/13/19 19:00	7.1	14.6	11.6	29.2
5/13/19 6:15	47.6	(1.0)	(5.1)	41.9	5/13/19 19:15	(27.7)	(5.6)	13.8	(18.6)
5/13/19 6:30	23.5	(2.6)	(13.1)	14.4	5/13/19 19:30	(19.8)	(37.4)	8.4	(48.9)
5/13/19 6:45	19.9	3.2	(18.3)	(17.9)	5/13/19 19:45	17.6	(52.6)	2.3	(34.1)
5/13/19 7:00	42.5	16.2	(21.9)	36.7	5/13/19 20:00	31.4	(93.5)	2.0	(60.6)
5/13/19 7:15	32.7	27.0	(22.5)	35.6	5/13/19 20:15	(8.3)	15.9	0.3	14.3
5/13/19 7:30	(15.1)	24.4	(19.9)	(10.3)	5/13/19 20:30	(17.8)	(39.4)	(0.0)	(56.5)
5/13/19 7:45	10.0	31.2	(16.7)	24.3	5/13/19 20:45	27.2	(28.4)	(0.0)	32.3
5/13/19 8:00	(11.1)	25.3	(10.7)	18.5	5/13/19 21:00	(19.3)	106.4	0.0	97.2
5/13/19 8:15	(10.2)	15.3	(4.3)	11.2	5/13/19 21:15	(46.9)	60.6	11.9	25.6
5/13/19 8:30	11.1	(7.3)	(1.8)	3.6	5/13/19 21:30	(73.8)	6.2	8.9	(61.8)
5/13/19 8:45	28.3	(42.2)	(1.3)	(24.0)	5/13/19 21:45	(24.7)	(5.6)	(0.0)	(30.0)
5/13/19 9:00	(15.9)	(22.5)	(0.7)	(34.3)	5/13/19 22:00	(36.7)	(4.5)	(0.0)	(41.3)
5/13/19 9:15	35.6	14.5	(0.7)	49.3	5/13/19 22:15	(48.7)	29.9	0.0	(18.8)
5/13/19 9:30	27.5	5.8	(0.2)	32.5	5/13/19 22:30	(77.2)	17.0	(0.0)	(60.1)
5/13/19 9:45	16.1	11.9	(0.2)	26.4	5/13/19 22:45	(8.0)	7.0	(0.0)	(5.9)
5/13/19 10:00	(32.0)	20.0	(0.2)	(15.6)	5/13/19 23:00	(35.2)	9.4	(0.0)	(25.8)
5/13/19 10:15	37.0	8.0	(0.2)	44.8	5/13/19 23:15	(40.3)	7.4	0.0	(32.9)
5/13/19 10:30	14.6	22.0	(0.1)	32.9	5/13/19 23:30	(49.5)	0.5	(0.0)	(49.4)
5/13/19 10:45	(14.3)	17.0	0.0	17.2	5/13/19 23:45	(12.0)	5.3	0.0	(10.0)
5/13/19 11:00	27.3	30.7	0.4	58.2	5/14/19 0:00	(21.8)	(3.4)	(0.0)	(24.9)
5/13/19 11:15	(9.4)	24.5	19.5	34.6	5/14/19 0:15	(19.5)	3.2	(0.0)	(16.4)
5/13/19 11:30	(23.8)	15.2	(6.2)	(9.5)	5/14/19 0:30	15.8	4.4	(0.0)	19.2
5/13/19 11:45	20.1	6.0	(12.2)	16.2	5/14/19 0:45	(13.1)	(2.2)	0.0	(14.6)
5/13/19 12:00	21.0	2.4	22.1	45.0	5/14/19 1:00	(11.2)	(11.5)	(0.0)	(22.7)
5/13/19 12:15	(28.9)	3.3	(20.5)	(46.2)	5/14/19 1:15	(37.3)	(8.7)	0.0	(46.1)
5/13/19 12:30	26.0	(4.5)	11.3	34.3	5/14/19 1:30	(7.6)	(18.3)	(0.0)	(23.8)
5/13/19 12:45	13.3	7.8	10.2	29.9	5/14/19 1:45	7.4	(18.7)	(0.0)	(18.5)
5/13/19 13:00	14.6	1.9	1.8	13.0	5/14/19 2:00	(12.7)	(12.7)	0.0	(24.0)
5/13/19 13:15	14.5	(3.8)	(10.6)	(4.0)	5/14/19 2:15	14.5	(3.8)	(0.0)	12.5
5/13/19 13:30	7.6	(11.7)	(12.2)	(19.6)	5/14/19 2:30	10.8	2.3	0.0	12.9
5/13/19 13:45	17.0	(7.0)	7.8	17.3	5/14/19 2:45	(12.8)	1.7	0.0	(11.4)
5/13/19 14:00	(11.0)	(14.2)	(3.8)	(21.2)	5/14/19 3:00	(20.4)	8.4	0.0	(17.5)
5/13/19 14:15	18.0	13.0	(2.7)	27.7	5/14/19 3:15	35.3	9.6	0.0	44.9
5/13/19 14:30	26.3	13.3	2.7	41.6	5/14/19 3:30	9.3	2.3	0.0	11.3
5/13/19 14:45	(18.8)	1.9	2.3	(17.7)	5/14/19 3:45	(34.7)	5.6	(0.0)	(29.2)
5/13/19 15:00	19.6	(6.2)	17.1	36.7	5/14/19 4:00	5.4	3.7	(0.0)	6.9
5/13/19 15:15	15.8	(45.3)	(14.5)	(44.0)	5/14/19 4:15	5.9	2.4	0.0	7.7
5/13/19 15:30	(32.6)	(34.0)	(5.5)	(69.2)	5/14/19 4:30	16.2	(6.5)	(0.0)	10.5
5/13/19 15:45	17.4	(35.1)	3.2	(22.8)	5/14/19 4:45	17.2	(6.7)	(0.0)	10.9
5/13/19 16:00	31.1	(96.5)	39.7	(29.8)	5/14/19 5:00	36.4	(10.1)	(0.0)	26.3
5/13/19 16:15	12.4	(27.0)	11.7	(7.2)	5/14/19 5:15	40.8	0.6	0.0	41.3
5/13/19 16:30	20.3	35.6	5.9	53.4	5/14/19 5:30	36.9	(30.3)	0.0	7.2
5/13/19 16:45	20.4	87.0	(11.4)	93.4	5/14/19 5:45	14.2	7.4	0.0	14.7
5/13/19 17:00	23.2	65.2	(20.8)	64.4	5/14/19 6:00	15.7	3.4	(0.5)	17.4
5/13/19 17:15	(32.1)	(12.1)	13.1	(33.7)	5/14/19 6:15	19.7	17.0	(3.6)	33.1
5/13/19 17:30	(48.3)	34.4	9.7	27.4	5/14/19 6:30	29.5	(7.4)	(11.0)	12.5
5/13/19 17:45	20.5	17.8	37.8	67.1	5/14/19 6:45	23.8	(11.6)	(15.1)	(3.7)
5/13/19 18:00	5.5	(21.3)	8.6	(17.2)	5/14/19 7:00	18.2	2.6	(17.4)	6.5

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/14/19 7:15	26.8	(4.8)	(17.5)	7.2	5/14/19 20:15	(36.4)	(36.9)	0.2	(72.9)
5/14/19 7:30	11.7	10.8	(16.4)	7.1	5/14/19 20:30	33.6	(78.6)	0.0	(47.8)
5/14/19 7:45	8.7	10.4	(15.0)	6.1	5/14/19 20:45	(11.8)	(35.9)	(0.0)	(38.3)
5/14/19 8:00	20.8	5.0	(17.3)	8.6	5/14/19 21:00	(29.7)	32.8	(0.0)	11.0
5/14/19 8:15	19.8	6.9	(6.9)	19.8	5/14/19 21:15	(29.5)	34.7	0.0	16.0
5/14/19 8:30	15.3	2.7	(7.1)	10.1	5/14/19 21:30	(24.7)	(16.2)	(0.0)	(40.8)
5/14/19 8:45	(16.8)	3.1	(1.5)	(14.5)	5/14/19 21:45	(41.2)	(27.3)	0.0	(68.5)
5/14/19 9:00	(28.0)	18.0	(1.0)	(18.1)	5/14/19 22:00	(84.4)	(26.2)	(0.0)	(110.6)
5/14/19 9:15	6.7	14.0	(2.9)	17.1	5/14/19 22:15	(8.1)	(17.0)	(0.0)	(22.5)
5/14/19 9:30	13.3	(1.2)	(1.4)	11.5	5/14/19 22:30	(33.1)	18.5	0.0	(14.6)
5/14/19 9:45	9.2	2.4	(0.3)	10.9	5/14/19 22:45	(77.4)	77.4	0.0	12.0
5/14/19 10:00	(6.5)	6.2	(0.1)	(2.5)	5/14/19 23:00	21.1	68.1	0.0	84.5
5/14/19 10:15	20.2	7.4	(3.8)	22.3	5/14/19 23:15	(40.0)	111.7	(0.0)	71.8
5/14/19 10:30	27.7	4.7	(1.3)	31.1	5/14/19 23:30	(47.4)	67.9	(0.0)	22.8
5/14/19 10:45	16.2	4.9	(0.2)	19.6	5/14/19 23:45	(14.2)	41.2	0.0	27.1
5/14/19 11:00	(9.0)	2.6	2.2	8.2	5/15/19 0:00	(20.6)	68.0	0.0	47.4
5/14/19 11:15	49.7	4.9	(0.0)	54.7	5/15/19 0:15	(56.9)	(19.8)	(0.0)	(71.4)
5/14/19 11:30	41.5	6.7	0.1	48.2	5/15/19 0:30	(15.8)	(43.7)	(0.0)	(55.2)
5/14/19 11:45	(15.0)	0.6	0.7	(14.5)	5/15/19 0:45	(15.8)	6.6	0.0	(14.5)
5/14/19 12:00	27.8	1.1	8.7	37.5	5/15/19 1:00	(30.4)	6.8	(0.0)	(24.7)
5/14/19 12:15	10.8	(8.1)	(9.7)	(7.6)	5/15/19 1:15	(27.9)	17.4	(0.0)	(13.8)
5/14/19 12:30	(8.1)	(16.6)	1.4	(16.3)	5/15/19 1:30	(53.8)	(26.7)	0.0	(79.9)
5/14/19 12:45	(15.5)	(16.1)	5.4	(24.5)	5/15/19 1:45	(16.1)	(106.2)	(0.0)	(119.9)
5/14/19 13:00	3.4	(20.7)	(3.6)	(22.3)	5/15/19 2:00	27.9	(52.2)	0.1	(40.0)
5/14/19 13:15	18.9	(2.7)	4.8	20.7	5/15/19 2:15	21.1	4.2	0.0	22.3
5/14/19 13:30	27.2	(4.8)	(5.9)	16.5	5/15/19 2:30	(13.5)	8.4	0.0	(11.8)
5/14/19 13:45	21.9	(12.5)	(0.8)	8.8	5/15/19 2:45	(25.5)	(8.8)	0.0	(28.9)
5/14/19 14:00	(31.3)	6.3	3.1	(22.3)	5/15/19 3:00	22.0	(37.6)	0.0	(20.3)
5/14/19 14:15	29.6	(4.6)	4.1	29.8	5/15/19 3:15	(7.1)	(35.2)	0.0	(41.5)
5/14/19 14:30	18.5	7.8	6.5	27.5	5/15/19 3:30	(39.8)	(18.0)	0.0	(57.9)
5/14/19 14:45	35.8	(3.8)	3.4	34.9	5/15/19 3:45	34.3	(8.5)	0.0	31.1
5/14/19 15:00	(16.6)	4.0	9.6	(10.0)	5/15/19 4:00	7.7	47.3	(0.0)	54.6
5/14/19 15:15	39.1	(2.6)	3.3	41.8	5/15/19 4:15	16.7	53.8	(0.0)	70.4
5/14/19 15:30	16.5	(17.8)	5.7	10.6	5/15/19 4:30	(15.6)	55.6	0.0	45.2
5/14/19 15:45	(29.4)	6.0	14.9	(14.9)	5/15/19 4:45	31.9	36.0	0.0	67.9
5/14/19 16:00	24.8	2.7	17.1	41.7	5/15/19 5:00	32.4	16.4	(0.0)	48.8
5/14/19 16:15	6.7	(15.7)	33.5	23.1	5/15/19 5:15	13.5	26.2	(0.1)	39.7
5/14/19 16:30	(32.5)	(19.2)	(5.2)	(52.6)	5/15/19 5:30	9.3	9.2	0.1	18.5
5/14/19 16:45	22.1	(30.5)	(16.6)	(26.5)	5/15/19 5:45	49.7	6.5	0.0	56.2
5/14/19 17:00	(15.2)	(153.6)	13.3	(157.3)	5/15/19 6:00	37.6	11.9	(0.5)	49.1
5/14/19 17:15	(20.0)	(41.5)	11.4	(46.0)	5/15/19 6:15	26.3	12.9	(3.8)	34.2
5/14/19 17:30	18.9	(72.0)	(4.5)	(58.6)	5/15/19 6:30	21.8	7.0	(11.0)	18.0
5/14/19 17:45	(22.3)	(52.8)	13.6	(60.3)	5/15/19 6:45	43.5	3.8	(14.6)	32.1
5/14/19 18:00	4.7	21.0	7.6	24.8	5/15/19 7:00	21.2	7.3	(17.7)	13.0
5/14/19 18:15	36.5	101.5	(16.0)	122.1	5/15/19 7:15	31.7	1.3	(17.7)	17.5
5/14/19 18:30	(28.6)	98.9	(5.0)	65.8	5/15/19 7:30	19.4	8.6	(16.5)	13.2
5/14/19 18:45	(58.4)	28.0	6.9	(24.4)	5/15/19 7:45	16.0	12.8	(15.1)	13.7
5/14/19 19:00	17.3	14.4	14.4	44.5	5/15/19 8:00	18.3	6.4	(9.3)	15.7
5/14/19 19:15	11.3	25.4	13.5	48.3	5/15/19 8:15	(9.0)	6.6	(3.6)	(7.8)
5/14/19 19:30	(42.6)	(27.0)	4.0	(65.6)	5/15/19 8:30	33.5	6.6	(1.1)	39.0
5/14/19 19:45	21.1	(120.9)	2.1	(97.7)	5/15/19 8:45	10.1	6.5	(1.0)	15.6
5/14/19 20:00	18.6	(14.5)	2.3	12.4	5/15/19 9:00	(27.9)	2.6	(0.4)	(25.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/15/19 9:15	45.5	(10.5)	(2.6)	32.5	5/15/19 22:15	(41.6)	20.4	0.0	(21.2)
5/15/19 9:30	14.0	(9.2)	(0.6)	6.2	5/15/19 22:30	(44.1)	30.3	(0.0)	(13.8)
5/15/19 9:45	(18.9)	(10.5)	(0.2)	(26.7)	5/15/19 22:45	(41.1)	68.4	0.0	27.3
5/15/19 10:00	33.0	(3.8)	(0.2)	29.6	5/15/19 23:00	(60.5)	100.2	(0.0)	39.6
5/15/19 10:15	39.6	3.8	(0.1)	43.3	5/15/19 23:15	(48.7)	65.7	0.0	17.0
5/15/19 10:30	(10.2)	2.6	(0.6)	(9.2)	5/15/19 23:30	(33.7)	83.5	(0.0)	49.8
5/15/19 10:45	29.2	14.5	(0.3)	43.2	5/15/19 23:45	(67.2)	64.2	(0.0)	(10.2)
5/15/19 11:00	16.8	3.8	(0.1)	19.6	5/16/19 0:00	(11.0)	26.9	(0.0)	18.0
5/15/19 11:15	12.2	9.5	(0.1)	12.1	5/16/19 0:15	(24.5)	28.5	(0.0)	5.5
5/15/19 11:30	33.1	14.6	(0.1)	47.7	5/16/19 0:30	(17.3)	43.3	0.0	25.9
5/15/19 11:45	17.9	11.4	(0.1)	29.2	5/16/19 0:45	18.7	27.7	(0.0)	40.7
5/15/19 12:00	(19.4)	(2.4)	0.3	(21.4)	5/16/19 1:00	(20.6)	13.5	0.1	(9.2)
5/15/19 12:15	41.1	(4.4)	(0.2)	36.6	5/16/19 1:15	(9.8)	(5.3)	(0.1)	(13.0)
5/15/19 12:30	4.4	0.6	11.7	16.0	5/16/19 1:30	(32.1)	(10.4)	(0.0)	(42.4)
5/15/19 12:45	(29.7)	4.4	(5.9)	(28.8)	5/16/19 1:45	(11.8)	(36.6)	(0.0)	(42.5)
5/15/19 13:00	35.0	(2.3)	(7.1)	28.8	5/16/19 2:00	(20.7)	(25.0)	0.0	(43.9)
5/15/19 13:15	9.6	(3.0)	(6.4)	3.1	5/16/19 2:15	21.1	(15.9)	(0.0)	11.0
5/15/19 13:30	19.9	(3.0)	18.9	32.2	5/16/19 2:30	(26.0)	(13.9)	0.0	(39.3)
5/15/19 13:45	16.1	2.0	(10.0)	10.1	5/16/19 2:45	16.0	(20.0)	0.0	(8.1)
5/15/19 14:00	12.1	2.2	(2.7)	13.1	5/16/19 3:00	6.9	(13.6)	(0.0)	(10.5)
5/15/19 14:15	(12.5)	(9.0)	5.7	(20.6)	5/16/19 3:15	(19.4)	16.9	0.0	10.6
5/15/19 14:30	17.5	(9.0)	(15.6)	(23.8)	5/16/19 3:30	16.8	26.5	(0.0)	39.0
5/15/19 14:45	6.5	17.1	(12.4)	13.7	5/16/19 3:45	3.7	22.2	0.0	25.9
5/15/19 15:00	(27.0)	8.1	6.9	(14.1)	5/16/19 4:00	(18.9)	20.9	0.0	8.0
5/15/19 15:15	17.7	(21.2)	31.2	23.8	5/16/19 4:15	22.2	13.8	0.0	27.9
5/15/19 15:30	23.3	7.3	(23.2)	15.4	5/16/19 4:30	15.8	(17.4)	(0.0)	(7.0)
5/15/19 15:45	15.7	1.5	(10.7)	20.7	5/16/19 4:45	(13.0)	13.4	0.0	13.8
5/15/19 16:00	22.3	(10.8)	8.7	24.3	5/16/19 5:00	41.7	5.8	(0.0)	45.6
5/15/19 16:15	(18.4)	(35.2)	2.5	(48.7)	5/16/19 5:15	61.3	13.9	0.0	75.3
5/15/19 16:30	18.4	(3.2)	(8.2)	11.0	5/16/19 5:30	16.8	12.8	0.0	28.5
5/15/19 16:45	22.7	(13.9)	3.6	13.9	5/16/19 5:45	(11.2)	10.9	0.0	6.5
5/15/19 17:00	6.9	(13.5)	(4.3)	(10.8)	5/16/19 6:00	36.0	11.2	(1.5)	42.1
5/15/19 17:15	26.8	12.9	11.5	49.2	5/16/19 6:15	37.4	(1.3)	(3.7)	32.6
5/15/19 17:30	16.8	(7.4)	15.9	25.3	5/16/19 6:30	(11.6)	3.3	(11.3)	(19.6)
5/15/19 17:45	(12.7)	(15.9)	(15.8)	(38.0)	5/16/19 6:45	20.2	8.8	(9.2)	19.9
5/15/19 18:00	(11.8)	6.8	8.5	12.9	5/16/19 7:00	55.5	9.3	3.2	64.9
5/15/19 18:15	(17.2)	3.4	21.7	9.5	5/16/19 7:15	39.9	10.6	(20.6)	32.1
5/15/19 18:30	(8.0)	(11.8)	16.6	(11.9)	5/16/19 7:30	10.5	5.2	(25.3)	(18.5)
5/15/19 18:45	(27.5)	(9.0)	16.2	(21.7)	5/16/19 7:45	29.6	(7.7)	5.2	25.6
5/15/19 19:00	12.2	(20.2)	6.8	(20.8)	5/16/19 8:00	13.7	(15.9)	18.2	15.9
5/15/19 19:15	(10.6)	(47.3)	18.6	(32.4)	5/16/19 8:15	(10.9)	43.2	9.1	49.7
5/15/19 19:30	(22.8)	(46.9)	10.2	(56.2)	5/16/19 8:30	24.5	27.5	(5.3)	49.4
5/15/19 19:45	(17.4)	(37.6)	1.9	(44.1)	5/16/19 8:45	7.6	14.8	(21.7)	4.5
5/15/19 20:00	26.4	(13.7)	1.9	16.9	5/16/19 9:00	(37.2)	6.1	(8.1)	(39.0)
5/15/19 20:15	(8.4)	(34.6)	(0.2)	(36.2)	5/16/19 9:15	(19.6)	(5.2)	1.7	(23.1)
5/15/19 20:30	(26.2)	(60.5)	(0.3)	(87.0)	5/16/19 9:30	17.5	(10.9)	(9.6)	(3.0)
5/15/19 20:45	9.7	(90.3)	0.7	(80.9)	5/16/19 9:45	15.7	(7.6)	(5.9)	11.4
5/15/19 21:00	(15.8)	(89.7)	(0.0)	(105.5)	5/16/19 10:00	20.0	(3.2)	20.4	37.2
5/15/19 21:15	(33.4)	(97.9)	0.0	(131.3)	5/16/19 10:15	32.8	(14.1)	(7.4)	14.6
5/15/19 21:30	(28.0)	(10.5)	0.0	(35.0)	5/16/19 10:30	26.1	(21.6)	(25.0)	(21.6)
5/15/19 21:45	(31.4)	(47.3)	(0.0)	(78.7)	5/16/19 10:45	12.8	(15.2)	(4.1)	(7.4)
5/15/19 22:00	(61.7)	(21.3)	(0.0)	(82.3)	5/16/19 11:00	(19.2)	(21.0)	10.6	(28.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/16/19 11:15	31.1	(11.2)	(21.3)	(3.1)	5/17/19 0:15	(30.2)	(21.6)	(0.0)	(38.5)
5/16/19 11:30	13.5	8.0	(5.7)	15.4	5/17/19 0:30	8.7	5.7	(0.0)	8.7
5/16/19 11:45	(11.3)	(18.0)	11.9	(20.5)	5/17/19 0:45	(30.8)	24.6	0.0	(7.7)
5/16/19 12:00	17.8	(32.1)	(6.8)	(21.6)	5/17/19 1:00	(6.1)	17.5	(0.0)	12.2
5/16/19 12:15	(11.3)	(9.4)	4.5	(18.0)	5/17/19 1:15	(10.3)	(5.4)	0.1	(15.3)
5/16/19 12:30	(18.7)	4.0	16.3	(12.1)	5/17/19 1:30	(45.5)	16.9	(0.1)	(30.6)
5/16/19 12:45	33.2	(39.0)	6.9	(12.1)	5/17/19 1:45	13.7	(4.5)	(0.0)	15.3
5/16/19 13:00	34.1	(34.7)	(5.9)	(11.9)	5/17/19 2:00	10.4	2.1	(0.0)	9.5
5/16/19 13:15	14.0	(16.5)	2.4	(3.7)	5/17/19 2:15	19.0	(4.2)	0.0	15.0
5/16/19 13:30	(10.1)	(8.8)	9.7	(11.7)	5/17/19 2:30	(19.0)	12.2	0.0	(10.4)
5/16/19 13:45	16.4	(35.9)	5.9	(27.2)	5/17/19 2:45	13.7	4.1	0.0	15.9
5/16/19 14:00	24.8	(54.1)	15.1	(14.2)	5/17/19 3:00	4.1	4.8	0.0	8.7
5/16/19 14:15	(6.4)	(37.0)	(12.7)	(54.9)	5/17/19 3:15	(22.2)	15.3	0.1	(7.7)
5/16/19 14:30	(23.7)	(26.2)	(20.3)	(70.3)	5/17/19 3:30	13.9	(20.6)	(0.0)	(9.6)
5/16/19 14:45	19.0	(52.7)	6.2	(32.8)	5/17/19 3:45	5.6	(19.9)	0.0	(17.6)
5/16/19 15:00	24.3	(57.2)	18.9	(17.9)	5/17/19 4:00	(13.8)	9.5	0.0	(15.5)
5/16/19 15:15	(25.7)	(63.2)	9.6	(75.8)	5/17/19 4:15	19.7	10.1	0.0	27.7
5/16/19 15:30	(19.3)	(40.4)	10.7	(46.2)	5/17/19 4:30	17.8	57.9	0.0	75.4
5/16/19 15:45	27.0	6.2	4.2	33.0	5/17/19 4:45	(12.2)	70.0	0.0	57.8
5/16/19 16:00	(3.7)	(22.2)	(12.9)	(38.2)	5/17/19 5:00	40.2	33.3	0.0	73.5
5/16/19 16:15	(14.9)	4.1	(33.7)	(46.1)	5/17/19 5:15	22.5	19.3	0.0	36.8
5/16/19 16:30	(13.7)	(44.4)	10.6	(49.6)	5/17/19 5:30	(42.8)	8.8	0.0	(38.1)
5/16/19 16:45	9.2	(89.3)	35.8	(44.3)	5/17/19 5:45	17.5	(7.3)	0.0	18.9
5/16/19 17:00	(4.5)	78.2	9.8	83.0	5/17/19 6:00	22.7	(46.3)	(0.4)	(24.0)
5/16/19 17:15	8.5	54.8	(18.4)	39.5	5/17/19 6:15	34.1	(40.6)	(4.9)	(19.4)
5/16/19 17:30	12.7	184.3	5.1	196.8	5/17/19 6:30	46.9	(6.2)	(12.3)	30.0
5/16/19 17:45	4.1	102.5	(8.7)	98.0	5/17/19 6:45	40.4	(5.7)	(10.5)	29.2
5/16/19 18:00	(36.9)	21.4	(3.2)	(22.6)	5/17/19 7:00	17.1	(27.5)	(13.0)	(24.1)
5/16/19 18:15	(8.7)	3.7	(15.4)	(13.9)	5/17/19 7:15	26.9	(36.0)	(25.9)	(35.0)
5/16/19 18:30	(6.7)	(10.7)	8.8	(7.7)	5/17/19 7:30	10.1	6.3	(28.3)	(22.9)
5/16/19 18:45	(32.1)	(14.1)	9.4	(36.9)	5/17/19 7:45	14.9	20.6	(21.9)	12.4
5/16/19 19:00	12.5	(51.4)	19.0	(33.5)	5/17/19 8:00	24.9	14.3	(8.6)	30.7
5/16/19 19:15	13.0	(32.1)	10.8	(12.8)	5/17/19 8:15	18.4	(21.7)	(6.6)	(26.5)
5/16/19 19:30	(9.2)	(27.4)	13.1	(20.1)	5/17/19 8:30	16.5	(52.0)	4.4	(33.9)
5/16/19 19:45	(8.5)	(38.0)	3.6	(42.8)	5/17/19 8:45	17.8	(20.8)	9.4	25.5
5/16/19 20:00	11.1	(67.0)	1.2	(60.5)	5/17/19 9:00	14.6	16.3	(9.0)	26.2
5/16/19 20:15	25.9	(81.6)	0.1	(55.6)	5/17/19 9:15	13.7	(28.3)	19.2	(12.1)
5/16/19 20:30	(10.9)	(67.2)	0.0	(74.2)	5/17/19 9:30	14.2	(6.8)	(23.7)	(17.0)
5/16/19 20:45	27.3	(61.0)	0.0	(33.8)	5/17/19 9:45	(14.1)	(5.5)	2.9	(12.2)
5/16/19 21:00	(9.2)	(25.2)	0.0	(33.1)	5/17/19 10:00	17.6	0.9	(1.2)	17.6
5/16/19 21:15	(64.7)	(16.0)	0.0	(80.7)	5/17/19 10:15	8.8	(8.8)	2.0	3.4
5/16/19 21:30	(12.5)	(26.8)	0.0	(39.2)	5/17/19 10:30	(14.7)	(13.7)	18.1	(10.3)
5/16/19 21:45	(18.3)	(46.9)	0.0	(52.5)	5/17/19 10:45	31.3	(18.9)	23.4	36.4
5/16/19 22:00	(36.8)	18.2	0.0	(23.0)	5/17/19 11:00	33.9	(9.7)	(3.8)	23.6
5/16/19 22:15	(69.9)	19.7	0.0	(53.8)	5/17/19 11:15	26.1	(18.0)	(21.1)	(22.2)
5/16/19 22:30	(13.3)	30.5	0.0	21.8	5/17/19 11:30	23.2	(28.2)	(23.0)	(28.0)
5/16/19 22:45	(41.3)	58.7	0.0	17.4	5/17/19 11:45	20.3	(36.9)	6.9	(13.0)
5/16/19 23:00	(63.1)	53.8	0.0	(26.4)	5/17/19 12:00	(17.3)	(17.8)	7.9	(23.1)
5/16/19 23:15	(26.1)	(22.2)	0.0	(47.6)	5/17/19 12:15	17.3	(21.8)	21.1	16.5
5/16/19 23:30	(29.8)	21.1	(0.0)	(8.7)	5/17/19 12:30	15.0	(16.7)	(12.3)	(11.2)
5/16/19 23:45	(45.8)	23.2	0.0	(24.0)	5/17/19 12:45	(12.0)	(45.4)	(16.0)	(63.0)
5/17/19 0:00	(25.9)	36.6	0.0	18.3	5/17/19 13:00	8.7	(8.7)	26.0	27.6

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/17/19 13:15	(9.7)	(40.2)	22.0	(27.5)	5/18/19 2:15	(30.2)	(5.2)	(0.0)	(35.4)
5/17/19 13:30	13.6	(37.9)	(9.4)	(33.6)	5/18/19 2:30	17.3	3.0	0.0	19.8
5/17/19 13:45	(16.3)	23.3	(15.2)	(20.2)	5/18/19 2:45	(7.4)	7.7	0.0	9.9
5/17/19 14:00	(12.4)	12.4	25.4	25.4	5/18/19 3:00	(14.2)	2.3	0.0	(12.7)
5/17/19 14:15	(19.0)	(5.7)	20.6	8.7	5/18/19 3:15	30.5	(8.8)	(0.0)	22.6
5/17/19 14:30	(17.4)	(16.7)	(10.0)	(36.1)	5/18/19 3:30	(10.3)	(24.6)	0.0	(33.8)
5/17/19 14:45	12.6	20.2	(31.3)	(8.9)	5/18/19 3:45	(15.7)	(33.9)	(0.0)	(48.6)
5/17/19 15:00	(7.4)	3.7	22.0	21.9	5/18/19 4:00	(24.9)	(9.2)	(0.0)	(33.9)
5/17/19 15:15	(10.0)	22.3	(6.1)	10.7	5/18/19 4:15	11.2	15.0	0.0	26.2
5/17/19 15:30	(42.0)	(7.3)	25.7	(18.1)	5/18/19 4:30	2.5	21.0	(0.0)	23.5
5/17/19 15:45	27.1	(17.0)	(12.2)	6.2	5/18/19 4:45	9.2	22.8	0.0	32.0
5/17/19 16:00	(6.1)	30.5	(20.7)	4.1	5/18/19 5:00	53.6	29.7	(0.0)	83.4
5/17/19 16:15	(26.2)	10.2	(11.7)	(27.2)	5/18/19 5:15	34.3	29.0	(0.0)	61.9
5/17/19 16:30	18.4	(9.5)	(6.3)	(10.9)	5/18/19 5:30	8.7	8.9	0.0	12.3
5/17/19 16:45	16.0	(26.8)	9.6	(9.5)	5/18/19 5:45	(26.1)	18.9	(0.1)	(11.5)
5/17/19 17:00	(19.7)	9.5	7.9	(7.0)	5/18/19 6:00	19.6	18.3	(1.3)	34.7
5/17/19 17:15	(43.4)	18.3	2.3	(24.7)	5/18/19 6:15	14.6	(3.3)	(4.6)	12.8
5/17/19 17:30	36.8	(3.5)	3.1	37.6	5/18/19 6:30	(15.5)	3.9	(12.5)	(24.2)
5/17/19 17:45	4.5	(8.0)	3.0	6.9	5/18/19 6:45	25.5	(10.7)	(7.5)	12.6
5/17/19 18:00	(27.8)	6.1	5.2	(33.9)	5/18/19 7:00	10.9	(26.0)	(7.3)	(21.5)
5/17/19 18:15	10.6	13.3	7.0	27.2	5/18/19 7:15	(25.2)	(36.0)	(13.2)	(73.1)
5/17/19 18:30	4.1	(3.7)	11.9	9.7	5/18/19 7:30	25.9	(44.5)	(10.3)	(29.5)
5/17/19 18:45	(23.2)	20.1	14.4	12.4	5/18/19 7:45	22.0	(32.0)	(15.0)	(25.0)
5/17/19 19:00	10.2	(37.3)	6.8	(25.5)	5/18/19 8:00	11.0	(44.7)	(22.3)	(56.1)
5/17/19 19:15	(24.6)	(24.2)	6.1	(37.1)	5/18/19 8:15	9.1	(27.0)	(11.2)	(32.3)
5/17/19 19:30	(37.8)	11.2	7.3	(24.8)	5/18/19 8:30	27.3	(4.0)	(10.0)	17.8
5/17/19 19:45	25.7	34.3	8.6	67.1	5/18/19 8:45	36.9	2.5	9.7	47.1
5/17/19 20:00	10.0	24.1	2.4	35.8	5/18/19 9:00	(14.8)	8.2	8.9	26.4
5/17/19 20:15	(8.2)	(54.6)	0.2	(57.2)	5/18/19 9:15	(38.5)	1.4	(7.8)	(44.8)
5/17/19 20:30	14.0	27.8	(0.0)	38.3	5/18/19 9:30	20.3	2.9	12.6	35.8
5/17/19 20:45	18.0	47.3	0.0	65.3	5/18/19 9:45	(5.5)	1.2	(12.9)	(17.1)
5/17/19 21:00	(11.6)	(6.3)	(0.0)	(16.2)	5/18/19 10:00	(20.1)	17.8	(15.8)	(25.3)
5/17/19 21:15	(23.6)	37.4	(0.0)	15.0	5/18/19 10:15	32.9	21.5	8.2	62.5
5/17/19 21:30	(27.0)	112.4	(0.0)	90.3	5/18/19 10:30	1.6	4.4	10.6	13.9
5/17/19 21:45	(11.8)	107.8	0.0	98.5	5/18/19 10:45	(22.8)	(19.9)	(10.0)	(52.2)
5/17/19 22:00	(50.9)	55.4	0.0	21.9	5/18/19 11:00	35.2	(23.4)	(16.8)	(8.8)
5/17/19 22:15	(76.9)	30.9	0.0	(57.5)	5/18/19 11:15	45.1	(65.7)	8.5	(18.1)
5/17/19 22:30	(39.8)	(57.8)	(0.0)	(91.0)	5/18/19 11:30	(31.8)	(110.3)	31.9	(109.1)
5/17/19 22:45	(25.5)	40.9	(0.0)	24.2	5/18/19 11:45	28.4	(103.3)	23.6	(51.3)
5/17/19 23:00	(40.4)	64.9	(0.0)	31.3	5/18/19 12:00	14.2	(63.3)	(31.3)	(81.1)
5/17/19 23:15	19.0	74.3	(0.0)	84.6	5/18/19 12:15	(5.5)	(53.4)	(25.4)	(82.4)
5/17/19 23:30	(18.6)	81.7	0.0	63.1	5/18/19 12:30	(41.6)	55.1	47.0	60.6
5/17/19 23:45	(59.0)	16.2	0.0	(46.7)	5/18/19 12:45	22.4	(11.2)	31.0	47.8
5/18/19 0:00	6.0	6.2	(0.0)	9.4	5/18/19 13:00	(12.8)	33.8	(17.3)	18.1
5/18/19 0:15	(23.9)	(18.0)	(0.0)	(41.9)	5/18/19 13:15	(55.7)	84.2	(14.6)	18.2
5/18/19 0:30	(32.4)	5.2	0.0	(27.9)	5/18/19 13:30	25.5	(28.8)	10.0	14.7
5/18/19 0:45	14.8	20.4	(0.0)	28.5	5/18/19 13:45	(10.3)	24.8	(5.2)	(19.3)
5/18/19 1:00	(7.0)	28.1	0.0	24.5	5/18/19 14:00	(20.3)	23.6	(4.5)	22.0
5/18/19 1:15	(27.0)	3.1	(0.0)	(29.5)	5/18/19 14:15	15.7	(49.9)	17.3	(32.3)
5/18/19 1:30	(18.9)	3.7	0.0	(19.5)	5/18/19 14:30	5.8	30.5	5.9	35.8
5/18/19 1:45	(3.2)	13.2	0.0	12.0	5/18/19 14:45	(34.4)	33.9	1.7	15.9
5/18/19 2:00	(32.7)	5.6	(0.0)	(31.8)	5/18/19 15:00	(13.9)	13.5	0.8	10.3

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/18/19 15:15	8.7	18.1	(0.7)	25.4	5/19/19 4:15	18.9	(12.5)	(0.1)	20.2
5/18/19 15:30	(15.3)	11.2	(2.9)	(11.8)	5/19/19 4:30	13.3	(17.5)	0.0	(10.1)
5/18/19 15:45	28.1	9.0	(1.7)	30.2	5/19/19 4:45	(16.0)	41.0	(0.0)	26.0
5/18/19 16:00	11.6	(20.2)	8.5	(4.2)	5/19/19 5:00	26.2	(14.9)	0.0	13.8
5/18/19 16:15	12.1	20.0	7.7	17.1	5/19/19 5:15	40.6	12.6	0.0	40.6
5/18/19 16:30	26.8	22.4	(15.0)	23.8	5/19/19 5:30	9.7	27.5	0.0	36.7
5/18/19 16:45	16.8	(27.2)	(12.5)	(23.5)	5/19/19 5:45	(20.9)	23.6	(0.2)	6.3
5/18/19 17:00	(15.0)	20.6	(24.3)	(13.9)	5/19/19 6:00	15.7	13.3	(1.7)	25.6
5/18/19 17:15	(17.5)	10.4	(19.2)	(19.1)	5/19/19 6:15	(9.8)	3.5	(6.1)	(15.2)
5/18/19 17:30	14.9	15.3	(19.6)	11.9	5/19/19 6:30	(28.6)	(25.1)	(10.1)	(63.8)
5/18/19 17:45	14.3	(9.0)	(12.4)	(10.9)	5/19/19 6:45	(39.4)	(24.5)	7.2	(56.3)
5/18/19 18:00	(21.3)	(48.8)	2.2	(68.8)	5/19/19 7:00	53.4	(8.7)	(5.9)	39.7
5/18/19 18:15	16.2	(27.7)	27.3	16.9	5/19/19 7:15	33.2	18.7	(7.2)	44.7
5/18/19 18:30	11.9	(24.8)	13.2	2.7	5/19/19 7:30	(22.6)	13.9	(3.2)	(12.4)
5/18/19 18:45	(17.7)	(68.2)	24.5	(59.2)	5/19/19 7:45	40.8	31.1	(12.7)	59.2
5/18/19 19:00	28.4	16.1	15.4	52.6	5/19/19 8:00	41.3	28.5	(8.8)	64.0
5/18/19 19:15	13.1	71.2	17.7	101.6	5/19/19 8:15	16.3	39.1	9.4	54.4
5/18/19 19:30	(25.2)	68.4	15.4	62.2	5/19/19 8:30	24.7	15.9	0.8	35.3
5/18/19 19:45	20.1	57.6	7.2	83.9	5/19/19 8:45	25.4	22.6	(7.4)	40.1
5/18/19 20:00	4.2	42.6	3.0	48.2	5/19/19 9:00	(21.3)	42.0	(18.0)	7.6
5/18/19 20:15	(11.7)	(9.3)	0.4	(19.9)	5/19/19 9:15	(32.3)	20.1	4.0	(16.8)
5/18/19 20:30	38.8	(31.2)	0.0	11.6	5/19/19 9:30	16.6	6.8	(2.9)	18.8
5/18/19 20:45	4.1	(60.4)	(0.0)	(60.4)	5/19/19 9:45	12.1	31.1	(20.9)	21.7
5/18/19 21:00	(4.1)	(4.8)	(0.0)	(8.2)	5/19/19 10:00	(20.2)	30.8	(29.7)	(18.6)
5/18/19 21:15	(27.4)	(34.2)	(0.0)	(61.6)	5/19/19 10:15	25.6	10.9	(6.7)	32.6
5/18/19 21:30	(6.6)	(8.7)	0.0	(10.8)	5/19/19 10:30	4.3	18.6	19.0	39.8
5/18/19 21:45	7.5	52.3	(0.0)	54.2	5/19/19 10:45	(8.3)	12.1	13.0	21.4
5/18/19 22:00	(42.3)	32.8	(0.0)	(22.1)	5/19/19 11:00	7.6	17.9	6.9	26.4
5/18/19 22:15	(15.8)	17.2	0.0	9.1	5/19/19 11:15	(37.7)	7.0	(12.3)	(41.5)
5/18/19 22:30	(25.2)	(12.0)	(0.0)	(37.2)	5/19/19 11:30	29.0	(18.3)	12.3	14.6
5/18/19 22:45	(28.9)	(13.7)	(0.0)	(42.5)	5/19/19 11:45	43.3	(19.8)	(6.2)	18.5
5/18/19 23:00	(17.6)	(18.3)	0.0	(32.8)	5/19/19 12:00	(17.2)	(5.2)	(7.2)	(22.7)
5/18/19 23:15	(23.7)	(31.5)	0.0	(54.1)	5/19/19 12:15	21.1	(31.1)	5.2	(15.6)
5/18/19 23:30	(31.4)	(48.1)	(0.0)	(79.5)	5/19/19 12:30	(9.5)	(47.2)	(9.0)	(64.5)
5/18/19 23:45	(49.9)	1.9	(0.0)	(49.0)	5/19/19 12:45	5.7	(40.2)	(12.4)	(48.6)
5/19/19 0:00	9.8	(2.5)	(0.0)	8.3	5/19/19 13:00	(39.2)	(39.5)	8.5	(66.9)
5/19/19 0:15	(11.4)	(38.4)	(0.0)	(44.4)	5/19/19 13:15	30.0	(33.3)	(2.8)	(20.1)
5/19/19 0:30	40.2	17.1	(0.0)	47.6	5/19/19 13:30	(11.5)	(30.8)	7.0	(34.9)
5/19/19 0:45	(34.9)	80.2	(0.0)	48.4	5/19/19 13:45	(51.3)	(52.2)	7.4	(97.4)
5/19/19 1:00	(7.9)	14.9	(0.1)	19.1	5/19/19 14:00	30.5	(48.5)	(5.7)	(37.4)
5/19/19 1:15	9.6	(33.4)	(0.3)	(26.4)	5/19/19 14:15	54.4	(40.0)	(6.5)	15.0
5/19/19 1:30	(30.0)	29.2	(0.3)	(6.9)	5/19/19 14:30	16.4	(26.7)	29.4	15.1
5/19/19 1:45	12.8	11.4	0.7	19.1	5/19/19 14:45	12.0	(36.3)	7.8	(29.1)
5/19/19 2:00	2.6	19.1	0.1	21.2	5/19/19 15:00	21.9	(15.6)	(27.7)	(27.3)
5/19/19 2:15	(39.7)	(9.4)	(0.0)	(49.0)	5/19/19 15:15	12.9	(24.1)	24.6	17.9
5/19/19 2:30	18.5	(8.1)	(0.0)	15.7	5/19/19 15:30	(9.8)	(27.7)	15.3	(21.9)
5/19/19 2:45	14.6	(5.1)	0.0	15.2	5/19/19 15:45	31.0	(26.1)	(16.7)	(16.8)
5/19/19 3:00	2.2	(25.9)	0.0	(25.0)	5/19/19 16:00	7.9	(15.4)	14.7	2.6
5/19/19 3:15	(15.7)	2.4	0.0	(15.6)	5/19/19 16:15	(19.9)	(22.1)	24.1	(25.3)
5/19/19 3:30	16.2	9.3	0.0	24.3	5/19/19 16:30	37.7	8.9	(5.2)	36.8
5/19/19 3:45	4.9	(20.6)	0.0	(16.7)	5/19/19 16:45	24.9	(8.0)	6.9	24.6
5/19/19 4:00	(18.6)	54.4	(0.0)	36.6	5/19/19 17:00	(10.5)	(19.0)	(26.7)	(47.1)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/19/19 17:15	9.3	9.9	7.8	11.0	5/20/19 6:15	24.1	(55.4)	(0.8)	(36.1)
5/19/19 17:30	18.8	(37.0)	21.8	7.7	5/20/19 6:30	66.5	(69.8)	(2.6)	(11.0)
5/19/19 17:45	(15.8)	(28.0)	3.7	(38.0)	5/20/19 6:45	51.1	(51.7)	(2.7)	(7.0)
5/19/19 18:00	12.6	(56.0)	5.1	(42.2)	5/20/19 7:00	24.0	(20.0)	(3.8)	14.7
5/19/19 18:15	26.4	(35.5)	(1.8)	(10.9)	5/20/19 7:15	39.1	7.5	1.6	45.1
5/19/19 18:30	(22.9)	(8.9)	(8.7)	(35.7)	5/20/19 7:30	30.8	5.2	(2.0)	32.5
5/19/19 18:45	15.0	(10.0)	17.4	20.0	5/20/19 7:45	(12.3)	(14.0)	(6.1)	(29.7)
5/19/19 19:00	6.5	(20.8)	3.7	(13.8)	5/20/19 8:00	28.8	(21.0)	(10.4)	(20.7)
5/19/19 19:15	11.7	(7.1)	5.7	5.3	5/20/19 8:15	34.2	(18.2)	5.2	21.1
5/19/19 19:30	10.2	9.5	9.8	17.4	5/20/19 8:30	12.4	23.4	(8.5)	26.8
5/19/19 19:45	7.8	(9.8)	3.8	4.0	5/20/19 8:45	(30.4)	10.9	(22.7)	(41.2)
5/19/19 20:00	13.7	12.2	1.9	21.8	5/20/19 9:00	24.1	13.6	(5.3)	32.4
5/19/19 20:15	43.5	(39.3)	0.4	6.4	5/20/19 9:15	27.9	4.0	13.0	44.5
5/19/19 20:30	19.5	(22.6)	(0.0)	(4.3)	5/20/19 9:30	(42.8)	37.3	16.1	26.7
5/19/19 20:45	(28.2)	18.4	0.0	(10.0)	5/20/19 9:45	(28.6)	38.6	(3.1)	25.0
5/19/19 21:00	(16.2)	14.1	(0.0)	(9.6)	5/20/19 10:00	(2.3)	5.1	(4.4)	(8.8)
5/19/19 21:15	(49.7)	19.5	0.0	(30.7)	5/20/19 10:15	(20.3)	14.5	(2.3)	(9.4)
5/19/19 21:30	(20.8)	41.1	0.0	23.4	5/20/19 10:30	26.9	6.2	13.9	42.6
5/19/19 21:45	(57.0)	74.5	(0.0)	21.6	5/20/19 10:45	3.5	17.6	(1.7)	16.1
5/19/19 22:00	(35.1)	13.6	(0.0)	(29.1)	5/20/19 11:00	(24.0)	19.2	(12.7)	(26.4)
5/19/19 22:15	(28.7)	25.0	0.0	(3.7)	5/20/19 11:15	25.9	11.4	(27.8)	14.3
5/19/19 22:30	(28.6)	3.9	0.0	(24.7)	5/20/19 11:30	(6.2)	(8.6)	7.8	(9.9)
5/19/19 22:45	(32.4)	38.4	0.0	16.6	5/20/19 11:45	(17.0)	(33.5)	17.3	(32.7)
5/19/19 23:00	(16.2)	29.3	(0.0)	18.0	5/20/19 12:00	13.8	(13.1)	10.2	11.6
5/19/19 23:15	12.2	7.2	(0.0)	17.2	5/20/19 12:15	(4.6)	4.9	(29.5)	(30.6)
5/19/19 23:30	(18.8)	5.5	0.0	(13.2)	5/20/19 12:30	(27.4)	(15.1)	8.0	(36.1)
5/19/19 23:45	(38.1)	7.9	0.0	(30.2)	5/20/19 12:45	32.2	10.0	(13.0)	28.3
5/20/19 0:00	(7.7)	2.9	(0.0)	(6.5)	5/20/19 13:00	10.0	37.6	(32.7)	14.8
5/20/19 0:15	24.5	13.0	(0.0)	36.3	5/20/19 13:15	(22.0)	42.1	(11.0)	15.8
5/20/19 0:30	(16.2)	8.3	0.0	11.9	5/20/19 13:30	10.2	21.0	4.4	30.3
5/20/19 0:45	(7.2)	4.3	(0.0)	9.5	5/20/19 13:45	(19.8)	17.7	4.2	9.6
5/20/19 1:00	2.4	3.4	0.0	4.9	5/20/19 14:00	(23.1)	30.5	1.0	17.1
5/20/19 1:15	(19.5)	2.8	(0.0)	(17.9)	5/20/19 14:15	14.5	(17.2)	2.7	5.8
5/20/19 1:30	17.2	2.3	(0.0)	18.8	5/20/19 14:30	(13.7)	18.7	8.3	14.0
5/20/19 1:45	3.3	1.6	(0.0)	4.3	5/20/19 14:45	7.8	50.7	14.2	67.0
5/20/19 2:00	(16.1)	5.7	0.1	(11.2)	5/20/19 15:00	13.0	56.6	43.1	112.8
5/20/19 2:15	(18.1)	3.1	0.0	(15.3)	5/20/19 15:15	(16.0)	(15.6)	8.1	(20.4)
5/20/19 2:30	13.2	6.8	0.0	19.9	5/20/19 15:30	17.4	30.9	1.5	43.8
5/20/19 2:45	4.5	13.5	0.0	14.7	5/20/19 15:45	18.2	(41.8)	15.8	(19.3)
5/20/19 3:00	(28.8)	31.0	0.0	12.2	5/20/19 16:00	(13.7)	(55.3)	3.8	(61.0)
5/20/19 3:15	20.1	12.4	0.0	30.3	5/20/19 16:15	9.5	(4.4)	3.3	11.5
5/20/19 3:30	13.3	(27.6)	0.0	(14.5)	5/20/19 16:30	9.9	(24.0)	1.1	(12.9)
5/20/19 3:45	(16.9)	17.3	0.0	8.8	5/20/19 16:45	(19.0)	(20.0)	2.3	(32.9)
5/20/19 4:00	33.8	(11.7)	(0.0)	28.9	5/20/19 17:00	35.4	(6.0)	1.2	35.8
5/20/19 4:15	24.6	(69.1)	0.0	(44.5)	5/20/19 17:15	8.3	12.2	(1.2)	19.3
5/20/19 4:30	(10.1)	(9.3)	(0.0)	(11.4)	5/20/19 17:30	12.5	(3.8)	(4.6)	8.6
5/20/19 4:45	26.3	9.1	0.0	35.4	5/20/19 17:45	(17.6)	(11.5)	(10.5)	(38.5)
5/20/19 5:00	37.4	22.2	(0.1)	59.5	5/20/19 18:00	25.8	8.6	3.9	36.0
5/20/19 5:15	9.1	13.0	(0.0)	19.4	5/20/19 18:15	9.6	8.3	(13.0)	10.6
5/20/19 5:30	42.2	7.1	(0.0)	44.5	5/20/19 18:30	(7.9)	28.2	13.1	36.5
5/20/19 5:45	48.5	(49.5)	(0.1)	(12.7)	5/20/19 18:45	(32.9)	(14.1)	10.3	(33.5)
5/20/19 6:00	31.7	(50.9)	0.1	(19.0)	5/20/19 19:00	(2.8)	(13.9)	2.4	(14.3)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/20/19 19:15	2.3	12.9	0.4	14.3	5/21/19 8:15	(3.5)	10.7	(4.5)	4.0
5/20/19 19:30	4.0	18.9	0.2	20.6	5/21/19 8:30	(3.8)	(8.7)	(12.6)	(24.0)
5/20/19 19:45	11.4	(35.6)	1.7	(23.3)	5/21/19 8:45	2.6	(26.5)	(13.1)	(37.8)
5/20/19 20:00	13.4	(25.5)	0.5	(14.3)	5/21/19 9:00	6.6	(63.0)	(10.1)	(67.6)
5/20/19 20:15	18.7	(5.3)	0.0	13.4	5/21/19 9:15	64.0	(48.7)	(12.5)	7.3
5/20/19 20:30	11.3	3.9	0.0	14.5	5/21/19 9:30	(17.5)	(24.2)	(6.3)	(47.8)
5/20/19 20:45	(9.0)	(23.4)	0.0	(30.1)	5/21/19 9:45	(12.2)	(29.4)	4.0	(37.8)
5/20/19 21:00	(48.0)	15.5	(0.0)	(35.7)	5/21/19 10:00	10.0	(76.2)	5.2	(63.3)
5/20/19 21:15	(6.9)	20.5	0.0	15.6	5/21/19 10:15	12.5	(39.3)	5.0	(25.8)
5/20/19 21:30	(21.3)	42.4	0.1	21.2	5/21/19 10:30	4.8	(33.6)	(3.9)	(36.3)
5/20/19 21:45	(67.7)	97.4	0.0	29.7	5/21/19 10:45	(11.6)	(21.8)	(13.5)	(46.3)
5/20/19 22:00	(56.9)	32.7	(0.0)	(24.2)	5/21/19 11:00	4.3	21.1	(17.3)	9.4
5/20/19 22:15	(34.8)	50.5	0.1	19.5	5/21/19 11:15	11.7	37.9	3.2	50.3
5/20/19 22:30	(41.5)	46.7	(0.1)	12.0	5/21/19 11:30	(11.8)	39.3	7.9	35.1
5/20/19 22:45	(29.7)	(9.9)	(0.0)	(39.2)	5/21/19 11:45	(4.2)	41.5	(21.4)	15.9
5/20/19 23:00	(26.7)	25.2	(0.0)	(4.1)	5/21/19 12:00	10.3	23.7	(14.8)	18.0
5/20/19 23:15	10.6	(11.6)	0.0	9.7	5/21/19 12:15	(30.9)	(24.0)	10.7	(43.5)
5/20/19 23:30	(35.8)	(47.7)	0.0	(82.9)	5/21/19 12:30	(16.1)	(53.7)	(2.8)	(71.3)
5/20/19 23:45	(15.5)	(8.6)	0.0	(24.1)	5/21/19 12:45	11.2	(98.1)	21.7	(65.6)
5/21/19 0:00	(53.3)	12.1	(0.0)	(48.1)	5/21/19 13:00	8.6	(75.2)	(11.8)	(78.5)
5/21/19 0:15	13.1	36.6	(0.0)	46.7	5/21/19 13:15	12.2	(77.6)	2.8	(63.4)
5/21/19 0:30	(15.0)	33.7	(0.0)	25.1	5/21/19 13:30	(2.8)	(49.8)	10.8	(40.8)
5/21/19 0:45	(8.0)	(14.7)	0.0	(19.7)	5/21/19 13:45	(0.8)	61.7	(17.9)	43.6
5/21/19 1:00	(51.5)	(12.1)	(0.0)	(55.8)	5/21/19 14:00	3.4	13.1	6.6	20.2
5/21/19 1:15	(9.9)	31.9	(0.0)	22.0	5/21/19 14:15	5.3	(17.0)	10.9	(3.3)
5/21/19 1:30	(5.8)	19.5	(0.0)	16.0	5/21/19 14:30	(2.8)	(35.4)	7.3	(30.9)
5/21/19 1:45	21.9	19.7	(0.0)	41.2	5/21/19 14:45	(5.8)	(13.2)	2.6	(18.7)
5/21/19 2:00	12.7	13.6	(0.0)	26.3	5/21/19 15:00	8.5	7.3	(4.2)	12.4
5/21/19 2:15	(21.0)	(10.6)	0.0	(31.6)	5/21/19 15:15	18.8	6.4	(9.2)	16.5
5/21/19 2:30	(24.4)	(2.8)	0.0	(24.7)	5/21/19 15:30	(2.1)	(16.3)	16.2	(4.6)
5/21/19 2:45	21.7	(10.1)	0.0	16.6	5/21/19 15:45	(6.0)	12.8	(7.9)	(3.2)
5/21/19 3:00	(15.7)	(20.5)	0.0	(34.3)	5/21/19 16:00	(5.3)	13.0	(5.8)	5.0
5/21/19 3:15	(35.2)	13.3	(0.0)	(23.7)	5/21/19 16:15	(4.1)	6.7	(9.6)	(7.5)
5/21/19 3:30	11.0	(13.0)	0.0	(6.0)	5/21/19 16:30	(4.6)	(5.4)	4.6	(6.6)
5/21/19 3:45	14.6	(11.4)	0.0	5.7	5/21/19 16:45	4.6	(6.7)	12.6	12.3
5/21/19 4:00	22.1	(3.1)	0.0	21.2	5/21/19 17:00	9.4	(49.7)	(12.8)	(52.7)
5/21/19 4:15	21.1	7.7	0.0	28.4	5/21/19 17:15	1.9	(35.4)	(22.0)	(56.0)
5/21/19 4:30	11.8	5.9	(0.0)	14.0	5/21/19 17:30	19.5	(15.5)	(3.2)	1.1
5/21/19 4:45	18.0	42.2	(0.0)	60.2	5/21/19 17:45	11.8	(23.7)	9.9	(3.2)
5/21/19 5:00	26.9	39.4	(0.0)	66.2	5/21/19 18:00	9.3	(27.8)	16.9	(12.1)
5/21/19 5:15	27.1	(31.0)	(0.1)	(9.3)	5/21/19 18:15	(15.0)	(1.7)	11.8	(11.7)
5/21/19 5:30	17.5	7.1	0.0	22.9	5/21/19 18:30	3.4	(14.5)	20.7	9.7
5/21/19 5:45	11.4	2.6	(0.0)	14.0	5/21/19 18:45	2.9	(21.7)	17.4	(3.8)
5/21/19 6:00	24.1	(19.4)	0.1	8.7	5/21/19 19:00	3.8	(7.6)	3.4	(5.5)
5/21/19 6:15	28.3	(48.2)	0.0	(21.8)	5/21/19 19:15	20.5	(16.4)	13.7	17.9
5/21/19 6:30	39.0	6.3	(0.3)	44.4	5/21/19 19:30	11.0	(15.6)	9.8	13.0
5/21/19 6:45	36.8	6.8	(0.6)	42.9	5/21/19 19:45	6.1	(29.0)	3.9	(19.4)
5/21/19 7:00	40.0	(14.7)	0.2	25.8	5/21/19 20:00	10.0	(9.3)	2.7	6.6
5/21/19 7:15	18.9	(14.4)	(0.0)	4.6	5/21/19 20:15	27.4	7.5	0.4	35.3
5/21/19 7:30	19.1	(7.4)	(0.1)	12.6	5/21/19 20:30	7.2	19.5	0.0	25.7
5/21/19 7:45	16.3	29.5	(0.4)	45.4	5/21/19 20:45	(14.8)	32.8	0.0	18.0
5/21/19 8:00	9.1	3.8	(1.4)	11.5	5/21/19 21:00	(17.6)	(7.3)	0.0	(19.7)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/21/19 21:15	(18.6)	(13.6)	(0.0)	(32.2)	5/22/19 10:15	(24.1)	8.7	6.3	(9.6)
5/21/19 21:30	(32.2)	15.2	(0.0)	(17.7)	5/22/19 10:30	(20.7)	4.3	8.8	(8.6)
5/21/19 21:45	(33.7)	16.5	0.0	(17.2)	5/22/19 10:45	(3.4)	(2.7)	(9.8)	(15.2)
5/21/19 22:00	(48.7)	45.8	(0.0)	(5.4)	5/22/19 11:00	4.6	(7.0)	12.4	10.0
5/21/19 22:15	(62.3)	36.0	(0.0)	(26.3)	5/22/19 11:15	8.2	21.2	6.7	34.4
5/21/19 22:30	(92.6)	37.7	0.0	(54.9)	5/22/19 11:30	(11.5)	24.1	(8.1)	5.4
5/21/19 22:45	(47.6)	106.4	(0.0)	58.8	5/22/19 11:45	(6.4)	22.0	(2.6)	13.3
5/21/19 23:00	(31.2)	53.9	0.0	22.8	5/22/19 12:00	(1.8)	(11.5)	(9.1)	(21.3)
5/21/19 23:15	(29.5)	34.8	(0.0)	7.2	5/22/19 12:15	2.2	5.5	4.4	10.3
5/21/19 23:30	(43.7)	43.5	(0.0)	(4.1)	5/22/19 12:30	12.9	28.8	(12.6)	29.1
5/21/19 23:45	(21.1)	43.3	0.0	22.1	5/22/19 12:45	17.8	(11.1)	(5.7)	7.3
5/22/19 0:00	(15.5)	28.0	0.0	14.1	5/22/19 13:00	5.9	(21.4)	4.6	(15.8)
5/22/19 0:15	(5.1)	25.4	0.0	26.8	5/22/19 13:15	4.9	11.6	13.7	26.8
5/22/19 0:30	(16.8)	(9.1)	(0.0)	(24.0)	5/22/19 13:30	(19.1)	5.0	(5.7)	(20.0)
5/22/19 0:45	(13.3)	7.4	(0.0)	(9.3)	5/22/19 13:45	(17.3)	(5.9)	24.2	3.4
5/22/19 1:00	(19.1)	25.4	0.0	13.2	5/22/19 14:00	(20.2)	(8.0)	11.4	(18.7)
5/22/19 1:15	(28.9)	39.0	0.0	12.7	5/22/19 14:15	28.1	18.9	(6.8)	46.3
5/22/19 1:30	8.5	14.1	(0.0)	22.7	5/22/19 14:30	(5.6)	5.9	(18.4)	(18.2)
5/22/19 1:45	6.2	(13.3)	(0.0)	(7.2)	5/22/19 14:45	(5.1)	4.4	(11.8)	(13.0)
5/22/19 2:00	(5.3)	17.2	0.0	12.0	5/22/19 15:00	(9.9)	4.9	3.9	(8.7)
5/22/19 2:15	(10.6)	11.2	(0.0)	2.6	5/22/19 15:15	(16.7)	4.6	1.7	(14.0)
5/22/19 2:30	16.2	(21.7)	0.0	(5.7)	5/22/19 15:30	(7.2)	(19.3)	27.8	5.8
5/22/19 2:45	5.5	7.0	0.0	8.3	5/22/19 15:45	(4.6)	(9.4)	11.6	7.5
5/22/19 3:00	3.9	3.9	0.0	7.2	5/22/19 16:00	11.1	(7.6)	12.0	13.8
5/22/19 3:15	(9.1)	9.5	(0.0)	4.7	5/22/19 16:15	13.7	(15.3)	13.3	12.1
5/22/19 3:30	(10.3)	29.5	0.0	19.4	5/22/19 16:30	9.8	(6.1)	(25.9)	(21.0)
5/22/19 3:45	5.9	(22.0)	(0.0)	(16.3)	5/22/19 16:45	(2.3)	(51.8)	32.0	(20.9)
5/22/19 4:00	18.6	(14.6)	0.0	6.7	5/22/19 17:00	8.8	(38.5)	4.4	(25.3)
5/22/19 4:15	20.6	(5.2)	(0.0)	18.3	5/22/19 17:15	11.3	(33.3)	(2.7)	(22.3)
5/22/19 4:30	(1.8)	22.8	(0.0)	21.0	5/22/19 17:30	15.3	(20.4)	3.8	(6.2)
5/22/19 4:45	7.5	23.5	0.0	30.9	5/22/19 17:45	16.7	2.5	3.0	20.9
5/22/19 5:00	20.6	21.7	0.0	42.3	5/22/19 18:00	(7.8)	6.1	(1.6)	9.7
5/22/19 5:15	35.1	17.0	(0.1)	51.9	5/22/19 18:15	(11.2)	(15.4)	2.1	(26.0)
5/22/19 5:30	44.0	36.7	(0.0)	80.7	5/22/19 18:30	3.6	2.3	9.1	10.3
5/22/19 5:45	38.0	21.7	(0.4)	59.2	5/22/19 18:45	8.3	11.3	4.0	23.4
5/22/19 6:00	28.4	21.4	(2.2)	47.6	5/22/19 19:00	(6.3)	(6.6)	2.0	(12.1)
5/22/19 6:15	38.4	20.1	(7.3)	51.2	5/22/19 19:15	27.5	9.4	9.0	44.2
5/22/19 6:30	29.2	13.5	(14.9)	27.9	5/22/19 19:30	(19.5)	11.2	3.8	(19.1)
5/22/19 6:45	19.8	2.2	(21.6)	2.8	5/22/19 19:45	16.6	(52.3)	2.2	(38.8)
5/22/19 7:00	20.1	(6.0)	(27.4)	(13.9)	5/22/19 20:00	39.6	(68.2)	1.0	(27.5)
5/22/19 7:15	28.9	(10.2)	(21.2)	(10.4)	5/22/19 20:15	(11.6)	(67.6)	0.1	(79.1)
5/22/19 7:30	(14.5)	(2.2)	(9.8)	(24.0)	5/22/19 20:30	24.8	(66.4)	0.0	(41.6)
5/22/19 7:45	(13.3)	(8.8)	4.5	(19.3)	5/22/19 20:45	20.9	(54.6)	(0.1)	(43.4)
5/22/19 8:00	(11.5)	(11.2)	7.0	(14.6)	5/22/19 21:00	(29.1)	(27.6)	0.0	(52.8)
5/22/19 8:15	13.3	15.7	(8.3)	19.5	5/22/19 21:15	11.0	(5.6)	0.0	(7.6)
5/22/19 8:30	(3.8)	13.4	(24.5)	(14.6)	5/22/19 21:30	(18.7)	(14.4)	(0.0)	(33.0)
5/22/19 8:45	(10.7)	12.2	(1.9)	2.4	5/22/19 21:45	(29.9)	(58.3)	(0.0)	(80.6)
5/22/19 9:00	(6.0)	5.7	5.1	9.8	5/22/19 22:00	22.3	(25.1)	0.0	(14.2)
5/22/19 9:15	(11.0)	3.9	2.1	(6.2)	5/22/19 22:15	(52.3)	41.7	(0.0)	(10.5)
5/22/19 9:30	23.6	8.3	2.2	34.0	5/22/19 22:30	(59.0)	36.8	(0.0)	(32.4)
5/22/19 9:45	18.4	24.9	2.0	43.6	5/22/19 22:45	8.1	89.6	0.0	90.3
5/22/19 10:00	13.1	13.1	6.5	31.2	5/22/19 23:00	(29.3)	136.5	0.0	107.2

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/22/19 23:15	(59.2)	45.3	0.0	(22.5)	5/23/19 12:15	7.0	(38.4)	5.6	(33.8)
5/22/19 23:30	(23.2)	19.8	0.0	(13.0)	5/23/19 12:30	(12.3)	4.0	3.4	9.6
5/22/19 23:45	(15.5)	1.1	(0.0)	(15.0)	5/23/19 12:45	(20.0)	(11.0)	(4.4)	(26.5)
5/23/19 0:00	(27.5)	(11.6)	(0.0)	(39.0)	5/23/19 13:00	12.3	(7.4)	8.5	21.7
5/23/19 0:15	(40.5)	(28.1)	(0.0)	(68.0)	5/23/19 13:15	5.9	(12.2)	3.4	(12.5)
5/23/19 0:30	18.0	59.1	(0.0)	77.1	5/23/19 13:30	(31.8)	(26.2)	10.9	(47.1)
5/23/19 0:45	(6.9)	49.5	0.0	42.5	5/23/19 13:45	14.7	(22.7)	4.8	(15.0)
5/23/19 1:00	(30.7)	51.0	0.0	26.7	5/23/19 14:00	(6.6)	(28.3)	(4.0)	(33.7)
5/23/19 1:15	(26.6)	66.9	(0.0)	51.0	5/23/19 14:15	(18.3)	(31.8)	5.2	(44.9)
5/23/19 1:30	11.7	7.7	(0.0)	19.0	5/23/19 14:30	13.3	(24.3)	8.7	(21.6)
5/23/19 1:45	(19.9)	8.5	(0.0)	(15.5)	5/23/19 14:45	(13.5)	6.6	(5.7)	(10.4)
5/23/19 2:00	(13.4)	(41.2)	0.0	(46.7)	5/23/19 15:00	(19.8)	6.4	(9.3)	(24.2)
5/23/19 2:15	(16.7)	(41.1)	(0.0)	(56.3)	5/23/19 15:15	27.8	(20.2)	1.5	13.6
5/23/19 2:30	(11.3)	(55.1)	0.0	(63.9)	5/23/19 15:30	(10.3)	(30.6)	9.5	(27.4)
5/23/19 2:45	(19.3)	52.6	0.0	55.3	5/23/19 15:45	5.3	(39.7)	(5.7)	(43.5)
5/23/19 3:00	18.2	50.1	0.0	68.3	5/23/19 16:00	13.6	(22.7)	20.2	12.8
5/23/19 3:15	22.1	51.5	0.0	73.6	5/23/19 16:15	(4.9)	(19.3)	(2.2)	(22.8)
5/23/19 3:30	(30.8)	(25.4)	(0.0)	(56.1)	5/23/19 16:30	(14.8)	15.8	(7.8)	(14.7)
5/23/19 3:45	15.7	(19.3)	(0.0)	(5.9)	5/23/19 16:45	24.3	54.3	13.0	91.6
5/23/19 4:00	19.8	12.0	0.0	31.0	5/23/19 17:00	23.3	104.4	(1.1)	117.9
5/23/19 4:15	(13.0)	(24.4)	(0.0)	(33.1)	5/23/19 17:15	11.1	76.3	(10.9)	72.1
5/23/19 4:30	26.7	(61.3)	(0.0)	(35.3)	5/23/19 17:30	(11.9)	42.3	(3.8)	26.6
5/23/19 4:45	37.8	21.7	0.0	55.7	5/23/19 17:45	(21.4)	26.8	1.9	13.4
5/23/19 5:00	(19.6)	81.0	0.0	70.4	5/23/19 18:00	(21.0)	16.8	(2.4)	(11.2)
5/23/19 5:15	33.0	86.3	(0.0)	105.5	5/23/19 18:15	(4.6)	(12.9)	(1.3)	(14.9)
5/23/19 5:30	28.8	72.3	(0.0)	101.1	5/23/19 18:30	9.7	(5.2)	(1.9)	(5.2)
5/23/19 5:45	25.3	60.7	0.0	84.8	5/23/19 18:45	(15.5)	(21.7)	12.4	(23.0)
5/23/19 6:00	16.0	14.9	(0.6)	22.6	5/23/19 19:00	9.9	12.4	6.5	17.3
5/23/19 6:15	80.1	19.8	(3.8)	96.1	5/23/19 19:15	5.8	24.6	5.4	32.2
5/23/19 6:30	50.3	20.3	(6.5)	64.0	5/23/19 19:30	(19.4)	8.1	3.1	(12.3)
5/23/19 6:45	(17.3)	7.8	(9.3)	(18.3)	5/23/19 19:45	10.7	(15.7)	4.7	(5.4)
5/23/19 7:00	36.7	9.0	(9.5)	36.3	5/23/19 20:00	8.5	(5.5)	2.2	7.0
5/23/19 7:15	49.5	35.4	(8.3)	76.6	5/23/19 20:15	22.2	(10.0)	0.2	13.2
5/23/19 7:30	12.7	4.3	(10.3)	7.7	5/23/19 20:30	18.1	(36.9)	0.0	(27.5)
5/23/19 7:45	(6.2)	8.6	(7.1)	6.1	5/23/19 20:45	12.7	(12.8)	(0.0)	(6.5)
5/23/19 8:00	40.5	(2.0)	(1.9)	37.3	5/23/19 21:00	(5.7)	(34.7)	0.0	(35.5)
5/23/19 8:15	(15.6)	(1.3)	(7.8)	(24.1)	5/23/19 21:15	(19.1)	(11.6)	0.0	(20.8)
5/23/19 8:30	(22.1)	1.8	2.6	(20.2)	5/23/19 21:30	(14.3)	39.3	0.0	26.7
5/23/19 8:45	27.2	(10.6)	4.4	25.2	5/23/19 21:45	(26.8)	11.7	0.0	(16.9)
5/23/19 9:00	7.9	10.5	(2.2)	14.4	5/23/19 22:00	(53.7)	(22.4)	(0.0)	(76.1)
5/23/19 9:15	(11.7)	16.6	(5.2)	14.1	5/23/19 22:15	(71.4)	(79.8)	0.0	(151.3)
5/23/19 9:30	28.5	(5.4)	(2.9)	24.2	5/23/19 22:30	10.7	(87.5)	(0.0)	(83.5)
5/23/19 9:45	7.0	6.5	9.1	21.4	5/23/19 22:45	(21.8)	(95.8)	0.0	(117.5)
5/23/19 10:00	(16.8)	4.7	9.6	14.2	5/23/19 23:00	(39.0)	(107.9)	(0.0)	(147.0)
5/23/19 10:15	(23.0)	2.3	(9.9)	(24.3)	5/23/19 23:15	(34.0)	(70.2)	0.0	(104.3)
5/23/19 10:30	17.9	1.3	(8.6)	13.6	5/23/19 23:30	(10.9)	(17.4)	(0.0)	(28.3)
5/23/19 10:45	7.0	(17.3)	3.3	(10.5)	5/23/19 23:45	(20.9)	(27.0)	(0.0)	(47.9)
5/23/19 11:00	(27.1)	(17.8)	3.5	(41.3)	5/24/19 0:00	(21.3)	39.0	(0.0)	25.0
5/23/19 11:15	20.7	(10.7)	(3.2)	11.7	5/24/19 0:15	8.8	29.2	(0.0)	35.7
5/23/19 11:30	6.8	(15.0)	5.8	(6.3)	5/24/19 0:30	(10.7)	4.6	(0.0)	(9.8)
5/23/19 11:45	(26.7)	(69.7)	(8.8)	(105.2)	5/24/19 0:45	(18.4)	28.7	0.0	10.3
5/23/19 12:00	13.0	(68.7)	(6.4)	(70.1)	5/24/19 1:00	(11.7)	11.9	0.0	4.8

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/24/19 1:15	(12.3)	25.1	0.0	13.9	5/24/19 14:15	37.8	(44.5)	(21.3)	(28.0)
5/24/19 1:30	(8.2)	10.5	(0.0)	4.1	5/24/19 14:30	(13.3)	13.1	(28.8)	(29.1)
5/24/19 1:45	(1.1)	27.4	0.0	27.0	5/24/19 14:45	15.1	23.7	(49.6)	(14.5)
5/24/19 2:00	23.0	(14.0)	0.0	23.4	5/24/19 15:00	(28.3)	38.7	6.4	12.4
5/24/19 2:15	4.7	(32.6)	(0.0)	(32.0)	5/24/19 15:15	(9.0)	(13.4)	25.7	11.9
5/24/19 2:30	(12.8)	7.2	0.0	(9.4)	5/24/19 15:30	41.5	25.0	(26.3)	43.2
5/24/19 2:45	(29.2)	11.4	0.0	(18.1)	5/24/19 15:45	7.2	17.5	(4.9)	17.8
5/24/19 3:00	2.1	24.6	0.0	26.1	5/24/19 16:00	10.0	9.1	(18.1)	8.3
5/24/19 3:15	35.6	(8.1)	(0.0)	31.8	5/24/19 16:15	(12.7)	29.4	(2.6)	19.3
5/24/19 3:30	4.7	(10.9)	(0.0)	(10.3)	5/24/19 16:30	13.9	16.4	(1.3)	28.8
5/24/19 3:45	5.4	23.9	(0.0)	27.3	5/24/19 16:45	16.6	8.7	0.3	25.6
5/24/19 4:00	(14.2)	11.8	0.0	8.2	5/24/19 17:00	(25.5)	16.9	0.6	(11.5)
5/24/19 4:15	44.7	37.4	0.0	78.1	5/24/19 17:15	8.8	(15.7)	0.7	(8.8)
5/24/19 4:30	24.3	54.4	0.0	78.7	5/24/19 17:30	20.2	8.0	3.7	31.5
5/24/19 4:45	9.7	47.1	0.0	50.1	5/24/19 17:45	(9.2)	15.3	6.2	21.3
5/24/19 5:00	47.3	53.8	(0.0)	101.1	5/24/19 18:00	(16.2)	50.4	11.6	51.7
5/24/19 5:15	7.2	26.5	(0.1)	33.5	5/24/19 18:15	(13.2)	66.1	12.8	65.7
5/24/19 5:30	(18.4)	7.9	(0.1)	(11.4)	5/24/19 18:30	(13.1)	65.5	16.4	74.2
5/24/19 5:45	(26.8)	12.5	(0.6)	(15.7)	5/24/19 18:45	(13.5)	66.4	17.7	75.1
5/24/19 6:00	(30.0)	(9.8)	(2.6)	(38.6)	5/24/19 19:00	9.4	13.2	18.5	36.4
5/24/19 6:15	74.5	(30.2)	(10.6)	34.5	5/24/19 19:15	(12.7)	(30.3)	18.0	(24.9)
5/24/19 6:30	29.0	(51.7)	(16.6)	(39.3)	5/24/19 19:30	(26.0)	(67.4)	15.0	(78.5)
5/24/19 6:45	26.5	(40.3)	(13.9)	(27.7)	5/24/19 19:45	(5.2)	31.8	12.0	45.0
5/24/19 7:00	(7.9)	(28.2)	(14.4)	(43.3)	5/24/19 20:00	16.8	(24.6)	4.5	(21.3)
5/24/19 7:15	11.9	(9.8)	(15.9)	(15.3)	5/24/19 20:15	(10.0)	(48.3)	0.8	(57.6)
5/24/19 7:30	9.9	22.2	(6.3)	25.0	5/24/19 20:30	29.1	(8.4)	0.0	29.4
5/24/19 7:45	(24.7)	49.8	1.9	26.9	5/24/19 20:45	60.5	20.5	(0.0)	81.0
5/24/19 8:00	(22.0)	47.2	(28.2)	(7.9)	5/24/19 21:00	(53.3)	18.1	(0.0)	(35.3)
5/24/19 8:15	3.9	48.0	(17.5)	35.4	5/24/19 21:15	(16.5)	(6.7)	(0.0)	(23.2)
5/24/19 8:30	2.7	10.3	1.1	13.1	5/24/19 21:30	(17.1)	(2.8)	(0.0)	(19.0)
5/24/19 8:45	(15.1)	(30.3)	16.1	(29.3)	5/24/19 21:45	(41.7)	3.6	0.0	(38.4)
5/24/19 9:00	(14.0)	(43.4)	8.5	(50.8)	5/24/19 22:00	(10.5)	5.5	0.0	(11.0)
5/24/19 9:15	(8.5)	(64.0)	(25.4)	(97.9)	5/24/19 22:15	(8.8)	17.8	0.0	12.8
5/24/19 9:30	(1.6)	(79.8)	(9.0)	(89.7)	5/24/19 22:30	(45.1)	(3.5)	0.0	(48.6)
5/24/19 9:45	(6.3)	(109.1)	74.4	(41.2)	5/24/19 22:45	(16.6)	(13.4)	0.0	(30.0)
5/24/19 10:00	(2.3)	34.3	23.0	47.4	5/24/19 23:00	(35.2)	(7.2)	0.0	(41.3)
5/24/19 10:15	8.6	(46.8)	12.0	(30.3)	5/24/19 23:15	(51.9)	2.3	(0.0)	(50.8)
5/24/19 10:30	7.6	16.2	2.1	22.8	5/24/19 23:30	(18.5)	(9.5)	0.0	(21.6)
5/24/19 10:45	(3.6)	7.1	9.9	11.2	5/24/19 23:45	(23.8)	(30.9)	0.0	(54.7)
5/24/19 11:00	(9.4)	(4.9)	(0.6)	(14.1)	5/25/19 0:00	(34.6)	(13.0)	(0.0)	(47.6)
5/24/19 11:15	2.6	5.4	(0.8)	6.6	5/25/19 0:15	55.4	(11.6)	(0.0)	43.8
5/24/19 11:30	5.0	3.2	(0.9)	6.5	5/25/19 0:30	(9.9)	(8.5)	(0.0)	(18.5)
5/24/19 11:45	4.2	3.6	(1.4)	5.5	5/25/19 0:45	(22.9)	18.4	0.0	(4.7)
5/24/19 12:00	(2.7)	(9.7)	(1.3)	(10.8)	5/25/19 1:00	(32.5)	34.6	0.0	9.4
5/24/19 12:15	(2.9)	(7.9)	(1.4)	(9.7)	5/25/19 1:15	17.1	14.2	(0.1)	31.2
5/24/19 12:30	2.8	5.3	(0.1)	7.7	5/25/19 1:30	(3.2)	(9.4)	(0.0)	(11.7)
5/24/19 12:45	9.3	(7.3)	2.2	4.3	5/25/19 1:45	(29.8)	(4.0)	(0.0)	(32.5)
5/24/19 13:00	(7.2)	6.2	2.8	(4.0)	5/25/19 2:00	(12.8)	2.7	0.0	15.0
5/24/19 13:15	(3.3)	(8.2)	0.1	(9.9)	5/25/19 2:15	8.2	(30.2)	(0.0)	(23.9)
5/24/19 13:30	4.0	(9.8)	1.3	(9.9)	5/25/19 2:30	(17.9)	(32.8)	0.0	(50.1)
5/24/19 13:45	(2.3)	13.5	0.4	13.8	5/25/19 2:45	10.6	14.8	0.0	22.5
5/24/19 14:00	2.6	15.2	(0.8)	16.4	5/25/19 3:00	3.2	3.0	0.0	3.0

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/25/19 3:15	(24.2)	14.3	(0.0)	(14.2)	5/25/19 16:15	15.4	(18.9)	(0.4)	(7.1)
5/25/19 3:30	20.3	31.2	0.0	47.4	5/25/19 16:30	17.8	(30.4)	0.5	(12.1)
5/25/19 3:45	3.9	17.9	(0.0)	20.9	5/25/19 16:45	(30.6)	(56.0)	0.8	(85.8)
5/25/19 4:00	(10.0)	24.3	0.0	20.0	5/25/19 17:00	11.6	(66.7)	25.7	(29.4)
5/25/19 4:15	(14.2)	9.0	0.1	10.1	5/25/19 17:15	53.8	(57.8)	30.1	30.2
5/25/19 4:30	23.7	13.4	(0.1)	37.0	5/25/19 17:30	61.2	(62.2)	4.0	(24.4)
5/25/19 4:45	8.8	22.7	0.0	31.5	5/25/19 17:45	23.6	(70.7)	7.3	(44.2)
5/25/19 5:00	(24.1)	10.5	(0.0)	(15.1)	5/25/19 18:00	10.2	(42.1)	2.2	(36.4)
5/25/19 5:15	39.2	18.5	0.0	56.7	5/25/19 18:15	(18.3)	(27.7)	24.1	(20.0)
5/25/19 5:30	(16.9)	12.1	(0.0)	(12.6)	5/25/19 18:30	5.4	(35.4)	4.2	(31.0)
5/25/19 5:45	(70.8)	(5.3)	(0.3)	(74.4)	5/25/19 18:45	12.7	(42.5)	5.2	(27.9)
5/25/19 6:00	37.9	(22.9)	(2.9)	14.5	5/25/19 19:00	29.1	(56.1)	5.5	(22.0)
5/25/19 6:15	11.9	(14.2)	(11.7)	(14.0)	5/25/19 19:15	17.7	72.2	9.9	84.8
5/25/19 6:30	(27.4)	2.9	(18.3)	(42.5)	5/25/19 19:30	4.0	107.8	8.2	116.6
5/25/19 6:45	(7.0)	5.0	(20.9)	(21.0)	5/25/19 19:45	(19.4)	(9.1)	9.7	(15.1)
5/25/19 7:00	11.1	17.1	(22.2)	7.5	5/25/19 20:00	17.4	(57.8)	4.2	(38.4)
5/25/19 7:15	13.7	40.4	(13.6)	40.5	5/25/19 20:15	14.6	(71.9)	0.4	(56.9)
5/25/19 7:30	22.4	48.9	11.5	82.6	5/25/19 20:30	11.3	(16.5)	(0.2)	(10.2)
5/25/19 7:45	32.1	13.3	(2.5)	45.2	5/25/19 20:45	6.8	7.3	0.5	4.3
5/25/19 8:00	15.4	(3.9)	(4.0)	13.3	5/25/19 21:00	2.5	(11.1)	0.3	(8.4)
5/25/19 8:15	(13.8)	(33.2)	(9.4)	(49.4)	5/25/19 21:15	24.4	(23.7)	0.0	5.7
5/25/19 8:30	(6.2)	(40.7)	(7.3)	(52.9)	5/25/19 21:30	(13.0)	(9.8)	(0.0)	(11.0)
5/25/19 8:45	35.0	(27.6)	(23.4)	(16.1)	5/25/19 21:45	(17.8)	19.0	0.0	2.7
5/25/19 9:00	20.3	(8.9)	(9.3)	6.2	5/25/19 22:00	(53.9)	50.9	0.0	(5.4)
5/25/19 9:15	8.5	23.2	(5.0)	20.5	5/25/19 22:15	(18.2)	22.6	(0.0)	5.1
5/25/19 9:30	(27.8)	37.7	1.9	11.8	5/25/19 22:30	(29.4)	33.1	(0.0)	6.4
5/25/19 9:45	4.9	19.8	(3.2)	21.3	5/25/19 22:45	(60.9)	47.8	0.0	(16.5)
5/25/19 10:00	3.5	19.5	(0.1)	22.6	5/25/19 23:00	(5.7)	11.7	(0.0)	13.8
5/25/19 10:15	29.0	12.7	(0.0)	41.7	5/25/19 23:15	(23.1)	9.1	(0.0)	(18.2)
5/25/19 10:30	9.9	6.7	(0.1)	13.9	5/25/19 23:30	(44.5)	57.9	(0.0)	13.4
5/25/19 10:45	(17.4)	2.1	(0.1)	(17.8)	5/25/19 23:45	(9.9)	24.1	0.0	15.2
5/25/19 11:00	14.3	(8.2)	(0.3)	10.3	5/26/19 0:00	(32.9)	24.9	(0.0)	(12.1)
5/25/19 11:15	4.5	(12.8)	(0.1)	(10.2)	5/26/19 0:15	(30.7)	32.3	(0.0)	12.7
5/25/19 11:30	(25.4)	(7.6)	0.1	(32.8)	5/26/19 0:30	(10.7)	(12.0)	0.0	(17.1)
5/25/19 11:45	(33.4)	(2.2)	(0.1)	(35.7)	5/26/19 0:45	(21.2)	58.7	(0.0)	39.2
5/25/19 12:00	1.1	3.1	0.2	3.9	5/26/19 1:00	12.0	(7.8)	0.0	(7.8)
5/25/19 12:15	44.3	(3.2)	(0.3)	40.7	5/26/19 1:15	3.2	(5.3)	0.1	(2.8)
5/25/19 12:30	8.3	(8.3)	1.0	8.2	5/26/19 1:30	(25.4)	4.5	(0.1)	(22.9)
5/25/19 12:45	(9.3)	(47.7)	1.5	(55.3)	5/26/19 1:45	(13.0)	7.2	(0.0)	(5.8)
5/25/19 13:00	(17.0)	(26.6)	7.1	(30.0)	5/26/19 2:00	(4.0)	(5.1)	0.0	(8.1)
5/25/19 13:15	15.4	(35.2)	7.7	(13.9)	5/26/19 2:15	(35.2)	19.1	(0.0)	(18.5)
5/25/19 13:30	7.0	(20.1)	(1.2)	(13.8)	5/26/19 2:30	(29.2)	40.3	0.0	14.3
5/25/19 13:45	(19.8)	(31.6)	(1.7)	(51.3)	5/26/19 2:45	2.4	20.5	0.0	22.0
5/25/19 14:00	22.2	(18.6)	(3.3)	12.8	5/26/19 3:00	35.2	(13.5)	0.0	21.7
5/25/19 14:15	6.1	(5.4)	14.2	15.9	5/26/19 3:15	(2.0)	10.6	0.0	10.5
5/25/19 14:30	(14.1)	3.8	4.4	(12.4)	5/26/19 3:30	(16.8)	8.3	0.0	(9.4)
5/25/19 14:45	31.1	12.9	8.2	51.5	5/26/19 3:45	(7.3)	21.5	(0.0)	14.7
5/25/19 15:00	16.3	(11.4)	4.2	10.5	5/26/19 4:00	(33.3)	26.5	0.0	(10.9)
5/25/19 15:15	(17.1)	17.9	(24.6)	(20.4)	5/26/19 4:15	(19.8)	24.7	0.0	11.0
5/25/19 15:30	6.1	25.8	(4.0)	22.8	5/26/19 4:30	17.8	80.3	(0.0)	98.0
5/25/19 15:45	11.0	10.0	(6.8)	12.2	5/26/19 4:45	3.7	(9.7)	0.0	9.6
5/25/19 16:00	24.0	(26.5)	(2.5)	(7.6)	5/26/19 5:00	(12.0)	7.5	(0.0)	(9.5)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/26/19 5:15	10.1	50.0	0.0	56.4	5/26/19 18:15	11.4	(16.5)	21.9	22.6
5/26/19 5:30	(10.9)	24.5	0.0	18.2	5/26/19 18:30	(26.1)	27.3	19.6	22.7
5/26/19 5:45	(31.7)	4.3	0.0	(27.5)	5/26/19 18:45	(20.7)	68.5	11.2	59.0
5/26/19 6:00	23.3	15.7	(1.1)	37.5	5/26/19 19:00	(7.0)	47.4	10.2	54.1
5/26/19 6:15	19.9	18.0	(9.2)	28.4	5/26/19 19:15	(20.1)	27.0	1.2	16.5
5/26/19 6:30	(11.3)	(1.6)	(11.4)	(16.7)	5/26/19 19:30	(8.5)	(46.6)	(3.8)	(51.8)
5/26/19 6:45	(19.6)	24.1	(14.3)	18.6	5/26/19 19:45	7.7	(175.9)	2.5	(165.7)
5/26/19 7:00	39.9	25.1	(20.2)	44.8	5/26/19 20:00	(12.4)	84.2	1.9	73.3
5/26/19 7:15	23.9	(18.8)	(9.6)	(8.0)	5/26/19 20:15	29.8	(47.5)	0.7	29.9
5/26/19 7:30	(14.7)	(13.7)	(24.4)	(46.5)	5/26/19 20:30	27.3	(59.7)	0.1	(41.8)
5/26/19 7:45	33.6	19.4	(18.2)	39.0	5/26/19 20:45	(26.5)	56.2	(0.0)	34.9
5/26/19 8:00	18.1	11.8	13.8	43.7	5/26/19 21:00	11.5	(11.5)	(0.0)	(13.5)
5/26/19 8:15	(28.1)	26.5	2.0	6.1	5/26/19 21:15	(19.3)	110.1	(0.0)	90.9
5/26/19 8:30	7.9	13.9	(12.6)	8.1	5/26/19 21:30	(37.0)	127.3	(0.0)	90.3
5/26/19 8:45	5.7	21.3	(14.3)	12.6	5/26/19 21:45	(14.9)	(62.3)	0.0	(76.4)
5/26/19 9:00	15.3	23.6	(12.1)	26.9	5/26/19 22:00	(19.8)	(14.5)	(0.0)	(26.3)
5/26/19 9:15	28.0	(3.1)	3.2	28.8	5/26/19 22:15	(49.9)	39.5	0.0	(11.3)
5/26/19 9:30	8.4	(5.6)	(6.9)	(2.9)	5/26/19 22:30	(34.1)	20.7	(0.0)	(23.2)
5/26/19 9:45	(24.4)	4.5	(3.7)	(23.0)	5/26/19 22:45	(33.4)	(105.2)	(0.0)	(138.6)
5/26/19 10:00	24.6	(13.4)	(2.4)	10.2	5/26/19 23:00	(11.2)	67.5	(0.0)	71.2
5/26/19 10:15	5.5	(34.2)	(1.3)	(30.5)	5/26/19 23:15	14.2	43.8	0.0	48.9
5/26/19 10:30	(17.1)	(25.8)	(0.9)	(43.4)	5/26/19 23:30	(8.9)	39.1	0.0	34.4
5/26/19 10:45	(15.9)	(8.6)	1.0	(22.7)	5/26/19 23:45	(17.2)	26.1	0.0	9.6
5/26/19 11:00	12.3	(13.6)	(1.2)	(6.6)	5/27/19 0:00	(9.8)	71.8	(0.0)	65.4
5/26/19 11:15	(17.9)	(40.0)	2.9	(50.8)	5/27/19 0:15	(33.7)	108.6	0.0	74.9
5/26/19 11:30	(11.6)	(48.9)	2.1	(55.5)	5/27/19 0:30	(11.3)	7.2	(0.0)	(10.7)
5/26/19 11:45	7.6	(17.4)	7.0	15.8	5/27/19 0:45	(14.6)	(12.5)	(0.0)	(27.1)
5/26/19 12:00	21.8	42.3	2.9	63.9	5/27/19 1:00	(33.0)	18.0	0.0	(20.2)
5/26/19 12:15	50.3	(20.8)	4.5	34.3	5/27/19 1:15	(13.9)	43.8	(0.0)	33.1
5/26/19 12:30	20.0	(48.4)	5.5	(25.1)	5/27/19 1:30	(11.9)	15.2	0.1	7.2
5/26/19 12:45	(13.2)	(50.2)	15.4	(39.6)	5/27/19 1:45	(58.3)	52.7	(0.1)	(6.2)
5/26/19 13:00	19.4	(80.9)	22.7	(44.3)	5/27/19 2:00	(7.1)	45.6	(0.0)	38.6
5/26/19 13:15	(27.2)	(21.7)	36.6	(9.7)	5/27/19 2:15	8.1	26.0	0.0	26.8
5/26/19 13:30	51.9	(102.3)	16.9	(36.6)	5/27/19 2:30	14.0	18.4	0.0	31.5
5/26/19 13:45	(20.4)	(39.4)	13.6	(42.3)	5/27/19 2:45	6.4	20.8	0.0	26.5
5/26/19 14:00	33.0	72.7	16.1	117.8	5/27/19 3:00	(17.6)	7.1	(0.0)	(12.6)
5/26/19 14:15	40.5	(30.6)	(1.9)	12.3	5/27/19 3:15	(6.7)	6.0	(0.0)	6.8
5/26/19 14:30	15.6	(12.1)	(17.4)	(17.1)	5/27/19 3:30	8.9	26.8	(0.0)	35.7
5/26/19 14:45	38.2	(50.1)	6.7	(9.5)	5/27/19 3:45	(17.7)	21.4	0.0	(15.6)
5/26/19 15:00	15.2	(36.5)	3.7	(17.7)	5/27/19 4:00	17.3	(15.1)	(0.0)	14.8
5/26/19 15:15	8.0	(57.8)	(15.4)	(72.6)	5/27/19 4:15	13.8	23.2	0.1	35.2
5/26/19 15:30	7.8	(68.7)	18.5	(48.4)	5/27/19 4:30	(21.7)	(26.7)	(0.0)	(48.0)
5/26/19 15:45	8.6	79.2	9.6	97.0	5/27/19 4:45	18.5	(47.4)	(0.1)	(31.8)
5/26/19 16:00	(17.7)	38.0	1.8	31.2	5/27/19 5:00	17.2	(49.7)	0.0	(32.5)
5/26/19 16:15	(13.1)	(39.8)	1.1	(37.7)	5/27/19 5:15	5.3	(25.0)	(0.1)	(22.2)
5/26/19 16:30	52.3	(100.8)	(1.5)	(50.0)	5/27/19 5:30	12.5	8.1	0.1	16.7
5/26/19 16:45	36.5	(119.2)	2.7	(82.5)	5/27/19 5:45	7.2	42.9	(0.3)	47.7
5/26/19 17:00	22.7	(3.8)	(11.7)	11.2	5/27/19 6:00	(10.0)	13.0	(3.3)	4.6
5/26/19 17:15	18.1	30.9	(31.4)	16.7	5/27/19 6:15	20.8	(7.3)	(11.4)	13.4
5/26/19 17:30	(6.7)	28.1	(20.5)	10.2	5/27/19 6:30	4.0	4.6	(16.5)	(12.8)
5/26/19 17:45	(48.8)	21.4	2.1	(28.2)	5/27/19 6:45	11.0	20.6	(19.2)	13.5
5/26/19 18:00	(12.1)	48.7	2.6	39.2	5/27/19 7:00	12.2	23.9	(21.3)	14.9

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/27/19 7:15	10.2	17.7	(19.9)	11.9	5/27/19 20:15	42.6	(60.8)	0.7	(20.8)
5/27/19 7:30	17.2	22.8	(17.2)	26.5	5/27/19 20:30	13.6	18.4	0.1	25.6
5/27/19 7:45	25.9	12.9	(14.1)	31.0	5/27/19 20:45	(18.8)	(55.8)	(0.0)	(65.3)
5/27/19 8:00	36.3	4.5	(7.4)	32.7	5/27/19 21:00	(10.1)	77.9	(0.0)	69.5
5/27/19 8:15	(20.2)	(3.0)	(3.7)	(22.1)	5/27/19 21:15	(20.3)	51.2	0.0	31.6
5/27/19 8:30	38.7	(9.0)	(1.4)	28.5	5/27/19 21:30	(48.7)	54.4	0.0	8.0
5/27/19 8:45	16.0	(3.6)	0.3	13.0	5/27/19 21:45	(5.5)	(36.9)	(0.0)	(38.7)
5/27/19 9:00	(7.0)	6.2	(0.9)	7.4	5/27/19 22:00	(25.5)	122.2	0.0	98.2
5/27/19 9:15	(5.2)	(11.0)	2.5	(11.9)	5/27/19 22:15	(25.9)	(24.5)	0.1	(44.7)
5/27/19 9:30	7.1	(4.0)	(2.2)	(8.1)	5/27/19 22:30	(29.5)	(94.5)	0.0	(113.7)
5/27/19 9:45	18.5	(1.6)	(2.5)	15.3	5/27/19 22:45	(39.7)	69.9	(0.0)	39.5
5/27/19 10:00	33.7	(10.1)	(1.1)	26.3	5/27/19 23:00	(30.9)	(22.0)	0.0	(52.9)
5/27/19 10:15	(10.8)	(40.7)	7.0	(40.5)	5/27/19 23:15	(14.3)	30.8	(0.0)	23.1
5/27/19 10:30	(34.6)	(70.3)	(6.6)	(108.6)	5/27/19 23:30	(10.2)	21.8	(0.0)	13.7
5/27/19 10:45	42.0	(80.7)	3.6	(36.8)	5/27/19 23:45	(45.4)	13.4	0.0	(32.0)
5/27/19 11:00	15.3	(52.1)	20.9	(16.1)	5/28/19 0:00	(8.3)	78.4	(0.0)	70.9
5/27/19 11:15	(19.8)	(44.0)	6.6	(56.6)	5/28/19 0:15	(11.4)	17.9	(0.0)	9.8
5/27/19 11:30	31.3	(35.0)	4.1	(9.4)	5/28/19 0:30	(31.9)	34.8	0.0	5.9
5/27/19 11:45	12.6	(57.5)	5.9	(39.9)	5/28/19 0:45	14.0	18.6	(0.0)	30.9
5/27/19 12:00	(35.7)	(52.4)	(6.5)	(92.5)	5/28/19 1:00	(4.4)	(47.0)	(0.0)	(51.0)
5/27/19 12:15	56.0	(36.7)	(2.9)	22.5	5/28/19 1:15	(31.5)	25.6	0.0	(14.5)
5/27/19 12:30	9.0	(75.6)	7.0	(60.0)	5/28/19 1:30	16.8	(9.0)	(0.0)	11.3
5/27/19 12:45	(15.6)	29.4	(5.4)	11.9	5/28/19 1:45	(6.0)	10.3	(0.0)	5.7
5/27/19 13:00	10.7	19.4	11.5	35.7	5/28/19 2:00	(21.5)	15.4	0.0	(8.0)
5/27/19 13:15	17.6	(27.9)	44.5	35.5	5/28/19 2:15	6.9	4.2	(0.0)	4.7
5/27/19 13:30	(21.5)	21.3	13.8	13.2	5/28/19 2:30	0.8	1.6	0.0	2.0
5/27/19 13:45	24.6	46.0	3.8	53.3	5/28/19 2:45	(33.5)	34.2	0.0	5.0
5/27/19 14:00	29.4	(19.7)	2.7	18.4	5/28/19 3:00	25.0	21.7	0.0	43.4
5/27/19 14:15	(7.3)	(24.4)	3.6	(25.3)	5/28/19 3:15	10.3	(53.3)	0.0	(45.6)
5/27/19 14:30	(29.2)	(12.3)	1.5	(38.7)	5/28/19 3:30	(22.7)	53.1	(0.0)	33.2
5/27/19 14:45	32.3	51.9	0.7	84.9	5/28/19 3:45	26.3	12.6	0.0	33.7
5/27/19 15:00	8.6	3.8	0.5	11.3	5/28/19 4:00	11.6	18.1	0.0	24.1
5/27/19 15:15	(31.5)	(9.8)	(1.8)	(32.9)	5/28/19 4:15	16.7	83.0	(0.0)	83.1
5/27/19 15:30	45.7	(89.8)	3.3	(41.3)	5/28/19 4:30	(33.1)	57.4	(0.0)	26.6
5/27/19 15:45	22.8	(16.1)	12.2	21.4	5/28/19 4:45	43.7	52.4	0.0	96.0
5/27/19 16:00	14.3	4.2	(4.2)	10.5	5/28/19 5:00	21.6	(18.2)	0.0	9.6
5/27/19 16:15	30.9	37.4	(25.9)	42.2	5/28/19 5:15	14.7	(52.1)	(0.0)	(37.5)
5/27/19 16:30	18.4	22.6	(13.5)	31.4	5/28/19 5:30	45.5	(27.9)	(0.0)	27.7
5/27/19 16:45	16.7	47.4	5.9	65.3	5/28/19 5:45	23.8	40.4	(0.1)	64.1
5/27/19 17:00	(57.1)	(39.8)	(3.1)	(95.8)	5/28/19 6:00	6.5	(13.4)	(1.2)	(17.7)
5/27/19 17:15	(36.2)	(29.9)	(23.9)	(79.5)	5/28/19 6:15	57.9	(21.5)	(9.4)	35.3
5/27/19 17:30	3.9	27.4	15.6	38.9	5/28/19 6:30	39.6	6.8	(11.1)	32.8
5/27/19 17:45	8.2	51.8	7.3	63.8	5/28/19 6:45	20.6	38.4	(21.3)	37.6
5/27/19 18:00	33.6	24.8	7.7	61.1	5/28/19 7:00	19.8	11.2	(7.6)	23.9
5/27/19 18:15	10.8	(10.5)	(31.7)	(37.6)	5/28/19 7:15	58.2	15.2	(7.7)	66.1
5/27/19 18:30	12.5	(51.0)	18.5	(27.4)	5/28/19 7:30	14.8	(28.2)	5.5	(19.9)
5/27/19 18:45	(23.8)	(48.7)	8.5	(60.6)	5/28/19 7:45	(17.3)	(21.0)	(16.1)	(53.9)
5/27/19 19:00	22.6	(28.7)	31.3	25.2	5/28/19 8:00	11.7	(31.6)	(28.7)	(50.8)
5/27/19 19:15	4.1	(48.1)	14.3	(31.8)	5/28/19 8:15	23.4	(27.1)	24.1	20.4
5/27/19 19:30	(30.4)	(9.9)	13.8	(26.2)	5/28/19 8:30	(5.4)	(22.3)	11.8	(15.5)
5/27/19 19:45	6.1	(74.8)	2.6	(70.7)	5/28/19 8:45	(8.3)	3.2	5.6	(4.6)
5/27/19 20:00	28.8	(6.6)	1.4	31.6	5/28/19 9:00	(3.4)	10.9	11.3	18.7

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/28/19 9:15	(26.8)	13.3	(7.1)	(34.4)	5/28/19 22:15	(16.8)	17.9	0.0	(17.0)
5/28/19 9:30	2.5	(68.0)	(19.6)	(85.2)	5/28/19 22:30	(55.2)	98.5	0.0	45.6
5/28/19 9:45	(11.1)	(79.0)	(12.7)	(102.3)	5/28/19 22:45	9.6	(15.1)	0.0	(8.3)
5/28/19 10:00	(17.3)	(37.7)	2.5	(51.4)	5/28/19 23:00	(24.8)	23.0	(0.0)	(4.4)
5/28/19 10:15	11.9	(43.0)	(16.2)	(43.0)	5/28/19 23:15	(45.6)	14.3	0.0	(34.1)
5/28/19 10:30	(3.2)	65.5	(14.9)	49.8	5/28/19 23:30	(23.4)	25.0	0.0	8.1
5/28/19 10:45	11.6	(37.1)	3.3	(23.3)	5/28/19 23:45	(17.6)	(8.2)	(0.0)	(20.8)
5/28/19 11:00	10.5	(20.2)	8.7	(7.7)	5/29/19 0:00	(32.0)	75.6	(0.0)	43.6
5/28/19 11:15	48.4	(25.0)	(4.2)	28.5	5/29/19 0:15	(27.8)	53.5	(0.0)	28.2
5/28/19 11:30	32.4	(40.9)	7.8	(8.6)	5/29/19 0:30	(6.6)	2.1	(0.0)	5.8
5/28/19 11:45	26.7	(47.3)	4.0	(28.4)	5/29/19 0:45	(13.8)	4.1	(0.0)	(9.8)
5/28/19 12:00	(15.8)	30.3	17.5	38.7	5/29/19 1:00	(30.5)	11.2	0.0	(19.2)
5/28/19 12:15	40.1	49.8	(12.0)	80.6	5/29/19 1:15	(17.6)	16.6	(0.0)	17.7
5/28/19 12:30	(4.2)	66.9	(13.3)	51.3	5/29/19 1:30	(19.3)	25.4	(0.0)	18.4
5/28/19 12:45	(20.0)	18.3	4.5	11.5	5/29/19 1:45	(16.0)	6.6	(0.0)	14.0
5/28/19 13:00	(14.5)	48.1	4.7	39.9	5/29/19 2:00	(9.2)	5.7	0.0	(4.5)
5/28/19 13:15	(53.0)	26.4	1.0	(30.9)	5/29/19 2:15	(21.4)	12.7	(0.0)	(11.7)
5/28/19 13:30	(11.1)	(9.2)	(3.7)	(20.9)	5/29/19 2:30	(2.2)	4.1	0.0	3.7
5/28/19 13:45	17.1	(48.0)	(11.8)	(58.8)	5/29/19 2:45	(4.9)	3.9	0.0	(2.0)
5/28/19 14:00	50.5	16.6	(5.0)	61.8	5/29/19 3:00	5.4	(8.5)	0.0	(4.2)
5/28/19 14:15	2.1	(89.6)	(11.4)	(97.2)	5/29/19 3:15	3.2	(4.5)	(0.0)	(2.2)
5/28/19 14:30	(24.9)	(84.5)	(13.2)	(120.1)	5/29/19 3:30	3.3	7.4	0.1	10.1
5/28/19 14:45	4.0	(58.8)	54.1	(10.4)	5/29/19 3:45	2.5	4.4	(0.0)	5.8
5/28/19 15:00	(15.9)	(39.1)	24.9	(32.5)	5/29/19 4:00	5.3	(9.4)	(0.0)	(4.9)
5/28/19 15:15	8.9	(9.8)	19.0	19.1	5/29/19 4:15	8.2	(8.7)	0.0	(1.9)
5/28/19 15:30	32.3	(15.8)	14.2	31.6	5/29/19 4:30	(12.4)	(3.3)	(0.0)	(10.8)
5/28/19 15:45	(11.7)	(40.1)	(1.1)	(52.4)	5/29/19 4:45	(16.5)	15.0	0.0	13.2
5/28/19 16:00	12.1	29.0	(23.6)	(21.2)	5/29/19 5:00	19.1	(8.6)	(0.0)	11.5
5/28/19 16:15	25.3	65.6	(29.1)	60.2	5/29/19 5:15	56.7	(72.5)	(0.0)	(23.0)
5/28/19 16:30	(12.0)	47.0	9.7	44.9	5/29/19 5:30	34.3	(81.6)	(0.0)	(49.1)
5/28/19 16:45	35.5	45.1	(6.4)	75.0	5/29/19 5:45	21.3	(12.3)	(0.5)	10.6
5/28/19 17:00	(15.3)	62.9	(24.8)	23.9	5/29/19 6:00	5.6	9.9	(2.0)	7.4
5/28/19 17:15	(15.8)	(11.3)	(7.1)	(24.7)	5/29/19 6:15	64.9	(27.0)	(7.0)	31.5
5/28/19 17:30	(15.9)	(44.9)	16.1	(44.7)	5/29/19 6:30	33.0	(20.5)	(6.5)	7.1
5/28/19 17:45	10.5	(51.0)	4.4	(39.9)	5/29/19 6:45	20.7	(10.4)	(15.2)	(9.8)
5/28/19 18:00	(6.3)	(20.6)	(17.7)	(42.1)	5/29/19 7:00	28.3	(10.6)	(16.5)	(10.8)
5/28/19 18:15	(9.7)	(63.3)	22.3	(53.2)	5/29/19 7:15	44.6	(26.0)	(10.8)	11.5
5/28/19 18:30	7.9	(81.4)	27.2	(46.5)	5/29/19 7:30	10.8	(20.3)	18.5	5.5
5/28/19 18:45	14.8	26.9	30.8	67.5	5/29/19 7:45	(15.6)	8.4	6.5	4.1
5/28/19 19:00	2.3	71.3	(4.5)	71.3	5/29/19 8:00	32.2	(27.8)	(13.9)	(9.8)
5/28/19 19:15	23.4	35.9	8.0	67.0	5/29/19 8:15	(4.3)	12.2	(10.4)	(4.3)
5/28/19 19:30	(19.7)	(14.9)	10.1	(28.5)	5/29/19 8:30	(28.9)	(3.4)	9.4	(24.5)
5/28/19 19:45	5.4	(46.8)	3.7	(40.0)	5/29/19 8:45	13.8	4.8	15.2	25.6
5/28/19 20:00	11.4	(31.7)	1.3	(20.6)	5/29/19 9:00	10.4	(4.3)	0.8	6.4
5/28/19 20:15	6.0	(68.9)	0.9	(65.5)	5/29/19 9:15	10.6	17.5	(1.6)	19.8
5/28/19 20:30	26.1	(37.4)	0.1	(13.9)	5/29/19 9:30	21.7	22.7	(35.7)	12.4
5/28/19 20:45	26.3	(19.5)	(0.0)	9.8	5/29/19 9:45	21.4	(16.5)	(18.6)	10.2
5/28/19 21:00	(23.9)	(20.9)	(0.0)	(44.9)	5/29/19 10:00	20.1	(13.3)	4.7	18.2
5/28/19 21:15	(26.1)	(75.9)	0.0	(102.0)	5/29/19 10:15	(27.8)	15.7	8.7	(11.9)
5/28/19 21:30	(47.3)	(66.7)	(0.0)	(114.0)	5/29/19 10:30	24.6	(11.4)	9.1	24.2
5/28/19 21:45	(9.3)	60.2	0.0	52.2	5/29/19 10:45	10.9	(29.8)	4.1	(15.1)
5/28/19 22:00	(25.5)	44.7	(0.0)	22.3	5/29/19 11:00	(41.5)	(7.6)	8.0	(39.5)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/29/19 11:15	13.5	5.6	(0.7)	17.5	5/30/19 0:15	(36.9)	(6.4)	0.0	(42.6)
5/29/19 11:30	(4.4)	13.9	(2.2)	10.5	5/30/19 0:30	(9.9)	(12.9)	(0.1)	(21.0)
5/29/19 11:45	(35.4)	(8.9)	(1.9)	(45.2)	5/30/19 0:45	(6.5)	(12.9)	(0.0)	(16.6)
5/29/19 12:00	24.7	14.3	(10.1)	27.9	5/30/19 1:00	(23.8)	(8.5)	0.0	(32.3)
5/29/19 12:15	9.4	34.4	(5.2)	38.8	5/30/19 1:15	16.3	(5.1)	0.0	12.9
5/29/19 12:30	(18.7)	49.5	(22.3)	21.1	5/30/19 1:30	(13.7)	(5.5)	(0.0)	(19.2)
5/29/19 12:45	12.4	40.4	(4.4)	45.5	5/30/19 1:45	(20.8)	(12.9)	(0.0)	(31.3)
5/29/19 13:00	6.3	38.7	4.5	43.1	5/30/19 2:00	9.2	(21.2)	0.1	(17.0)
5/29/19 13:15	(34.0)	7.9	18.6	(15.3)	5/30/19 2:15	(11.1)	(25.7)	(0.1)	(33.0)
5/29/19 13:30	18.3	(5.9)	(6.6)	10.6	5/30/19 2:30	(36.6)	(26.5)	0.0	(62.9)
5/29/19 13:45	7.9	33.7	2.2	42.3	5/30/19 2:45	(2.3)	(22.5)	0.1	(24.2)
5/29/19 14:00	(23.7)	12.3	2.6	(17.3)	5/30/19 3:00	14.6	(29.3)	(0.0)	(15.9)
5/29/19 14:15	33.0	34.2	14.5	78.9	5/30/19 3:15	18.6	(55.0)	0.0	(38.4)
5/29/19 14:30	7.7	29.4	7.5	42.4	5/30/19 3:30	7.8	34.2	0.0	40.9
5/29/19 14:45	(24.8)	(17.5)	14.1	(29.3)	5/30/19 3:45	(15.1)	5.8	(0.0)	(14.2)
5/29/19 15:00	10.9	17.0	6.3	29.7	5/30/19 4:00	6.9	8.7	0.0	5.6
5/29/19 15:15	14.3	(7.3)	8.0	15.3	5/30/19 4:15	35.7	(18.2)	(0.0)	19.5
5/29/19 15:30	(16.6)	(5.6)	(11.8)	(29.1)	5/30/19 4:30	13.1	(17.5)	0.0	(6.6)
5/29/19 15:45	(18.9)	(14.3)	(21.3)	(49.2)	5/30/19 4:45	(27.4)	18.3	0.0	(9.7)
5/29/19 16:00	32.3	(11.3)	16.3	37.3	5/30/19 5:00	36.0	15.2	(0.1)	42.0
5/29/19 16:15	13.3	11.0	20.1	41.6	5/30/19 5:15	67.9	(90.9)	0.0	(30.1)
5/29/19 16:30	(25.2)	18.0	13.0	8.1	5/30/19 5:30	(7.7)	(14.1)	(0.0)	(13.0)
5/29/19 16:45	25.3	22.7	(8.4)	39.0	5/30/19 5:45	32.8	(1.1)	(0.3)	31.9
5/29/19 17:00	11.9	(13.2)	0.6	(5.6)	5/30/19 6:00	39.0	14.7	(2.7)	51.1
5/29/19 17:15	(14.9)	16.3	(4.6)	4.9	5/30/19 6:15	33.4	19.8	(9.7)	43.4
5/29/19 17:30	17.7	21.9	2.3	33.8	5/30/19 6:30	32.0	21.0	(13.1)	39.9
5/29/19 17:45	22.3	24.3	3.4	49.9	5/30/19 6:45	18.9	25.0	(16.3)	27.6
5/29/19 18:00	5.8	6.1	3.6	15.3	5/30/19 7:00	(25.5)	22.1	(16.7)	(20.5)
5/29/19 18:15	(34.8)	4.0	3.3	(32.5)	5/30/19 7:15	(15.9)	29.3	(16.7)	(7.9)
5/29/19 18:30	20.7	10.0	(8.4)	24.6	5/30/19 7:30	(3.5)	43.2	(14.9)	27.8
5/29/19 18:45	10.5	6.1	8.3	21.5	5/30/19 7:45	6.6	57.5	(11.6)	52.4
5/29/19 19:00	(20.8)	20.7	11.8	15.0	5/30/19 8:00	9.3	36.9	(5.2)	40.9
5/29/19 19:15	17.9	38.3	6.3	62.5	5/30/19 8:15	(11.9)	30.1	(3.4)	17.3
5/29/19 19:30	9.7	34.0	1.9	45.6	5/30/19 8:30	(12.5)	22.1	(4.1)	5.5
5/29/19 19:45	(12.8)	38.9	1.4	30.8	5/30/19 8:45	7.4	18.0	(7.2)	17.7
5/29/19 20:00	19.8	41.4	1.3	58.7	5/30/19 9:00	(6.4)	10.3	(7.7)	4.3
5/29/19 20:15	(9.8)	27.5	0.3	19.9	5/30/19 9:15	24.7	6.8	(7.3)	24.2
5/29/19 20:30	(10.6)	52.1	0.2	51.2	5/30/19 9:30	14.7	15.3	(0.6)	29.1
5/29/19 20:45	28.5	49.3	(0.2)	77.7	5/30/19 9:45	31.8	17.2	(0.5)	48.5
5/29/19 21:00	(12.6)	20.8	0.1	11.4	5/30/19 10:00	(6.4)	19.1	(0.4)	14.8
5/29/19 21:15	(27.2)	11.1	0.2	(17.5)	5/30/19 10:15	(24.3)	15.4	11.5	3.6
5/29/19 21:30	(19.6)	13.4	0.0	(10.0)	5/30/19 10:30	(21.3)	12.1	(11.4)	(13.5)
5/29/19 21:45	(35.8)	6.1	0.0	(29.6)	5/30/19 10:45	30.7	7.5	(3.1)	35.2
5/29/19 22:00	(60.2)	0.3	0.0	(59.9)	5/30/19 11:00	3.9	3.7	(0.3)	7.1
5/29/19 22:15	(21.6)	4.1	0.0	(17.5)	5/30/19 11:15	(15.6)	2.7	0.8	(13.3)
5/29/19 22:30	(53.0)	(1.0)	(0.0)	(53.2)	5/30/19 11:30	20.8	1.3	0.6	22.1
5/29/19 22:45	(50.9)	(5.9)	(0.0)	(56.9)	5/30/19 11:45	12.9	1.0	(0.5)	13.8
5/29/19 23:00	(27.3)	(8.1)	0.0	(35.4)	5/30/19 12:00	(4.7)	0.3	0.9	4.2
5/29/19 23:15	(15.3)	(0.7)	(0.0)	(14.9)	5/30/19 12:15	(22.4)	(0.1)	2.1	(20.3)
5/29/19 23:30	(35.8)	(6.5)	0.0	(42.3)	5/30/19 12:30	9.0	(0.6)	4.4	12.9
5/29/19 23:45	(14.7)	(7.0)	0.0	(17.9)	5/30/19 12:45	7.8	(0.4)	(2.2)	6.3
5/30/19 0:00	21.6	(10.7)	(0.0)	11.6	5/30/19 13:00	(13.6)	0.3	3.9	(14.2)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/30/19 13:15	36.7	0.2	14.8	51.6	5/31/19 2:15	(9.9)	(26.8)	0.0	(32.8)
5/30/19 13:30	7.6	(0.4)	7.3	14.5	5/31/19 2:30	(30.4)	(21.9)	0.0	(50.7)
5/30/19 13:45	(22.0)	(0.5)	5.2	(17.4)	5/31/19 2:45	17.1	(38.2)	0.0	(21.2)
5/30/19 14:00	22.4	(0.9)	4.9	26.3	5/31/19 3:00	7.1	(43.9)	(0.0)	(37.3)
5/30/19 14:15	22.9	(0.4)	4.7	27.1	5/31/19 3:15	(29.9)	(42.0)	0.0	(71.9)
5/30/19 14:30	(17.7)	(0.9)	(5.7)	(22.7)	5/31/19 3:30	19.9	(25.9)	0.1	(5.9)
5/30/19 14:45	25.9	0.9	(3.5)	26.7	5/31/19 3:45	13.7	7.9	(0.1)	21.4
5/30/19 15:00	8.2	0.3	13.1	20.3	5/31/19 4:00	(12.5)	25.6	(0.0)	23.7
5/30/19 15:15	11.4	(1.1)	2.7	13.5	5/31/19 4:15	27.9	29.1	0.0	57.0
5/30/19 15:30	23.1	(1.2)	(3.9)	19.8	5/31/19 4:30	14.5	37.7	(0.0)	46.7
5/30/19 15:45	19.2	(2.0)	9.9	27.0	5/31/19 4:45	15.6	25.0	(0.0)	31.3
5/30/19 16:00	10.5	(1.3)	11.1	16.4	5/31/19 5:00	34.0	18.2	(0.0)	52.2
5/30/19 16:15	(26.9)	(1.6)	9.7	(21.1)	5/31/19 5:15	26.7	11.8	0.0	36.3
5/30/19 16:30	27.9	(4.3)	10.3	33.9	5/31/19 5:30	15.5	13.9	(0.0)	28.4
5/30/19 16:45	(15.4)	(4.6)	0.9	(18.9)	5/31/19 5:45	27.1	7.7	(0.3)	34.5
5/30/19 17:00	25.5	(2.7)	8.6	29.8	5/31/19 6:00	14.3	(4.1)	(3.5)	14.6
5/30/19 17:15	(25.0)	(18.3)	(5.0)	(43.8)	5/31/19 6:15	38.1	(14.4)	(12.1)	16.8
5/30/19 17:30	26.1	(7.8)	(12.1)	7.1	5/31/19 6:30	28.2	(11.4)	(16.3)	6.3
5/30/19 17:45	6.5	(4.3)	(7.0)	(6.5)	5/31/19 6:45	11.0	(12.6)	(19.6)	(29.3)
5/30/19 18:00	(19.6)	(19.5)	11.8	(26.3)	5/31/19 7:00	21.9	(12.2)	(20.8)	(16.8)
5/30/19 18:15	8.5	(26.3)	(3.1)	(21.4)	5/31/19 7:15	(28.7)	(16.4)	(19.5)	(64.6)
5/30/19 18:30	6.3	(27.8)	16.8	(6.9)	5/31/19 7:30	(9.8)	7.3	(17.3)	(15.4)
5/30/19 18:45	(20.3)	(17.3)	11.6	(27.2)	5/31/19 7:45	14.2	18.6	(13.0)	18.6
5/30/19 19:00	11.1	(24.0)	6.1	(8.7)	5/31/19 8:00	44.5	6.4	(5.5)	43.3
5/30/19 19:15	1.5	8.3	5.2	13.8	5/31/19 8:15	36.6	(17.7)	(3.4)	20.0
5/30/19 19:30	(16.0)	19.4	3.9	14.6	5/31/19 8:30	(24.3)	(19.5)	(2.1)	(41.7)
5/30/19 19:45	19.4	4.5	2.9	26.2	5/31/19 8:45	33.9	(29.0)	(1.4)	11.6
5/30/19 20:00	8.1	10.7	2.3	21.1	5/31/19 9:00	11.6	(35.2)	(0.7)	(24.5)
5/30/19 20:15	(15.9)	11.5	0.6	(7.5)	5/31/19 9:15	(21.5)	(23.7)	(1.1)	(45.2)
5/30/19 20:30	30.9	10.9	0.0	41.8	5/31/19 9:30	27.2	6.0	(1.2)	27.2
5/30/19 20:45	18.6	3.8	(0.0)	22.3	5/31/19 9:45	14.2	28.9	(0.2)	42.9
5/30/19 21:00	(34.5)	9.3	(0.0)	(26.5)	5/31/19 10:00	(25.6)	30.4	(0.2)	7.3
5/30/19 21:15	(15.4)	(22.3)	0.0	(37.7)	5/31/19 10:15	23.5	29.8	(0.1)	53.2
5/30/19 21:30	(25.1)	(16.1)	0.1	(41.1)	5/31/19 10:30	18.0	27.7	(0.0)	33.1
5/30/19 21:45	(49.3)	(4.7)	0.0	(54.0)	5/31/19 10:45	32.1	22.6	(0.1)	54.7
5/30/19 22:00	(47.8)	(5.1)	(0.0)	(52.1)	5/31/19 11:00	10.8	21.2	(0.3)	28.1
5/30/19 22:15	(27.7)	2.9	(0.0)	(25.2)	5/31/19 11:15	11.7	16.6	0.3	26.2
5/30/19 22:30	(33.5)	(14.4)	(0.0)	(47.9)	5/31/19 11:30	10.4	14.6	(0.0)	25.0
5/30/19 22:45	(40.0)	4.8	0.0	(39.0)	5/31/19 11:45	(11.3)	14.3	0.0	17.6
5/30/19 23:00	(33.3)	17.9	(0.0)	(20.5)	5/31/19 12:00	(31.0)	17.7	0.0	(19.4)
5/30/19 23:15	14.9	12.9	0.0	25.6	5/31/19 12:15	28.2	20.3	0.1	48.7
5/30/19 23:30	(40.2)	13.9	(0.0)	(26.3)	5/31/19 12:30	15.1	21.4	(0.1)	36.4
5/30/19 23:45	(19.0)	12.3	0.0	9.7	5/31/19 12:45	(23.7)	12.3	0.0	(13.9)
5/31/19 0:00	(7.9)	(3.6)	(0.0)	(11.1)	5/31/19 13:00	36.9	8.2	4.3	48.7
5/31/19 0:15	(30.9)	(3.9)	0.1	(34.8)	5/31/19 13:15	14.9	5.8	(3.8)	17.6
5/31/19 0:30	(10.8)	(2.6)	0.1	(12.7)	5/31/19 13:30	12.9	(11.3)	(1.3)	(19.4)
5/31/19 0:45	(18.8)	(13.5)	0.0	(32.2)	5/31/19 13:45	(24.8)	(35.9)	2.9	(54.9)
5/31/19 1:00	(31.0)	3.0	0.0	(30.8)	5/31/19 14:00	23.7	36.0	3.5	62.9
5/31/19 1:15	12.8	11.5	(0.0)	23.6	5/31/19 14:15	34.6	21.5	(3.0)	52.5
5/31/19 1:30	(5.3)	(17.7)	(0.0)	(23.0)	5/31/19 14:30	(18.9)	(8.8)	2.0	(26.9)
5/31/19 1:45	(27.7)	(14.3)	0.0	(42.0)	5/31/19 14:45	22.9	2.6	(1.6)	23.6
5/31/19 2:00	7.9	(10.4)	(0.0)	(11.0)	5/31/19 15:00	3.8	1.7	(2.3)	5.1

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	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
5/31/19 15:15	(30.8)	(4.5)	9.7	(25.9)	6/1/19 4:15	(7.7)	(9.4)	(0.0)	(15.9)
5/31/19 15:30	20.1	(6.2)	(9.1)	9.3	6/1/19 4:30	(13.0)	(16.6)	(0.0)	(26.9)
5/31/19 15:45	8.2	(21.1)	6.7	(8.6)	6/1/19 4:45	(13.1)	(5.0)	0.0	(14.7)
5/31/19 16:00	8.4	(15.6)	7.2	(10.5)	6/1/19 5:00	(41.6)	11.8	0.0	(36.5)
5/31/19 16:15	17.9	13.2	7.4	35.2	6/1/19 5:15	25.0	(38.7)	(0.0)	(20.3)
5/31/19 16:30	20.9	9.5	11.4	40.9	6/1/19 5:30	(23.2)	16.3	(0.0)	(10.0)
5/31/19 16:45	(5.9)	(16.2)	(7.5)	(25.1)	6/1/19 5:45	(9.3)	9.1	(0.4)	10.1
5/31/19 17:00	(10.2)	(23.1)	(21.9)	(52.9)	6/1/19 6:00	7.1	3.2	(2.5)	8.7
5/31/19 17:15	(10.6)	(36.9)	4.9	(40.6)	6/1/19 6:15	(12.0)	20.5	(7.4)	5.8
5/31/19 17:30	4.9	(26.0)	17.4	(4.8)	6/1/19 6:30	21.3	28.0	(12.5)	36.8
5/31/19 17:45	(34.0)	(8.4)	17.2	(25.2)	6/1/19 6:45	11.1	14.2	(25.9)	(3.3)
5/31/19 18:00	(49.0)	(5.4)	5.7	(48.0)	6/1/19 7:00	(13.0)	22.6	(9.3)	10.2
5/31/19 18:15	(10.4)	11.8	3.7	9.8	6/1/19 7:15	59.7	34.3	5.0	98.5
5/31/19 18:30	(30.7)	(21.7)	16.1	(35.0)	6/1/19 7:30	9.4	28.1	(29.0)	12.2
5/31/19 18:45	3.2	(50.3)	12.7	(35.8)	6/1/19 7:45	42.5	28.3	(26.7)	41.8
5/31/19 19:00	23.7	(24.0)	20.0	19.7	6/1/19 8:00	(26.6)	26.5	(4.2)	13.6
5/31/19 19:15	(11.1)	16.7	13.4	18.5	6/1/19 8:15	65.8	10.0	(6.9)	68.9
5/31/19 19:30	(22.2)	(34.8)	12.9	(29.9)	6/1/19 8:30	36.2	6.5	2.2	44.6
5/31/19 19:45	25.4	(194.5)	6.9	(162.2)	6/1/19 8:45	59.3	17.7	(1.4)	76.7
5/31/19 20:00	5.1	(97.9)	4.0	(92.9)	6/1/19 9:00	11.1	13.4	(1.9)	23.0
5/31/19 20:15	(16.4)	(64.3)	0.7	(64.4)	6/1/19 9:15	16.1	14.6	2.4	31.4
5/31/19 20:30	75.1	(179.1)	0.0	(104.0)	6/1/19 9:30	8.5	14.0	(7.7)	14.8
5/31/19 20:45	38.6	(84.7)	(0.0)	(46.1)	6/1/19 9:45	9.1	1.4	(0.6)	10.0
5/31/19 21:00	(32.8)	45.9	0.0	15.8	6/1/19 10:00	4.4	33.7	(10.6)	27.5
5/31/19 21:15	(12.4)	121.2	(0.0)	108.8	6/1/19 10:15	9.7	4.0	(0.1)	13.5
5/31/19 21:30	(16.0)	155.6	0.0	139.6	6/1/19 10:30	5.5	2.4	1.7	9.5
5/31/19 21:45	(48.4)	86.5	(0.0)	38.1	6/1/19 10:45	10.0	2.8	1.0	13.6
5/31/19 22:00	(24.5)	67.7	0.0	43.2	6/1/19 11:00	3.9	(5.6)	2.9	(4.3)
5/31/19 22:15	(46.4)	43.2	0.0	(8.7)	6/1/19 11:15	(9.4)	(11.6)	1.0	(18.8)
5/31/19 22:30	(54.4)	21.7	0.0	(34.5)	6/1/19 11:30	17.2	(9.6)	(3.1)	6.8
5/31/19 22:45	(20.8)	(7.4)	(0.0)	(27.5)	6/1/19 11:45	35.3	(19.8)	(2.6)	13.9
5/31/19 23:00	(24.0)	29.4	0.0	8.1	6/1/19 12:00	10.9	(37.9)	(1.4)	(33.6)
5/31/19 23:15	(55.8)	(7.5)	0.0	(56.0)	6/1/19 12:15	8.5	(18.6)	4.1	(7.6)
5/31/19 23:30	(17.9)	(29.0)	0.0	(44.7)	6/1/19 12:30	(9.3)	(16.3)	(4.2)	(21.5)
5/31/19 23:45	(14.4)	(2.3)	(0.0)	(15.6)	6/1/19 12:45	6.9	(25.0)	4.8	(20.1)
6/1/19 0:00	(30.2)	(11.1)	(0.0)	(40.4)	6/1/19 13:00	38.1	(11.7)	4.9	29.6
6/1/19 0:15	(41.0)	(6.1)	(0.0)	(47.1)	6/1/19 13:15	28.5	(32.0)	13.5	13.4
6/1/19 0:30	(23.7)	4.8	0.0	(19.6)	6/1/19 13:30	(14.3)	(37.9)	(3.2)	(44.2)
6/1/19 0:45	(17.8)	15.2	0.0	(3.2)	6/1/19 13:45	16.0	(20.2)	12.9	16.5
6/1/19 1:00	(11.5)	28.5	(0.1)	16.9	6/1/19 14:00	8.6	(7.7)	12.2	8.0
6/1/19 1:15	(11.6)	13.9	0.0	7.5	6/1/19 14:15	(16.3)	(8.5)	8.5	(17.1)
6/1/19 1:30	(9.4)	(26.1)	(0.0)	(35.5)	6/1/19 14:30	16.2	(11.3)	6.0	13.9
6/1/19 1:45	(11.2)	8.5	(0.0)	(12.4)	6/1/19 14:45	(32.8)	(45.4)	(21.2)	(99.4)
6/1/19 2:00	(11.9)	51.9	0.0	40.0	6/1/19 15:00	(50.5)	(41.0)	11.3	(80.2)
6/1/19 2:15	(14.4)	13.3	(0.0)	(6.5)	6/1/19 15:15	(22.1)	9.7	(4.4)	(19.2)
6/1/19 2:30	3.8	45.3	0.1	48.4	6/1/19 15:30	34.9	8.0	20.7	55.6
6/1/19 2:45	(5.2)	11.9	(0.0)	10.0	6/1/19 15:45	32.8	(40.7)	12.8	13.5
6/1/19 3:00	23.7	(12.5)	0.0	13.0	6/1/19 16:00	17.6	(33.5)	(13.1)	(27.8)
6/1/19 3:15	2.8	(22.4)	0.0	(20.8)	6/1/19 16:15	(16.8)	(71.8)	13.7	(75.5)
6/1/19 3:30	(29.2)	(25.1)	0.0	(54.3)	6/1/19 16:30	27.4	(58.4)	25.3	(12.6)
6/1/19 3:45	(14.6)	(7.4)	0.0	(17.5)	6/1/19 16:45	11.6	(20.6)	9.2	(9.0)
6/1/19 4:00	40.2	(19.1)	(0.0)	21.1	6/1/19 17:00	(10.4)	(29.4)	4.6	(25.4)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/1/19 17:15	18.8	(91.0)	(18.0)	(90.2)	6/2/19 6:15	52.5	(43.0)	(10.1)	(7.0)
6/1/19 17:30	24.7	(40.6)	(20.6)	(38.9)	6/2/19 6:30	10.6	(19.6)	(13.3)	(22.4)
6/1/19 17:45	(23.0)	31.3	6.9	25.8	6/2/19 6:45	(19.2)	5.8	(20.7)	(31.8)
6/1/19 18:00	36.0	104.6	(15.5)	125.0	6/2/19 7:00	(18.5)	71.0	(20.4)	59.1
6/1/19 18:15	4.0	(21.6)	13.9	7.6	6/2/19 7:15	42.7	(44.4)	5.3	24.2
6/1/19 18:30	(20.5)	23.5	4.8	7.5	6/2/19 7:30	16.0	21.7	(37.9)	(9.2)
6/1/19 18:45	20.7	(93.4)	(1.9)	(73.6)	6/2/19 7:45	(11.4)	23.0	(16.1)	(3.8)
6/1/19 19:00	9.1	(70.6)	16.0	(47.7)	6/2/19 8:00	22.8	(9.8)	(5.0)	10.8
6/1/19 19:15	(24.0)	92.0	16.9	85.0	6/2/19 8:15	42.2	(18.6)	(4.7)	19.5
6/1/19 19:30	12.4	105.1	13.8	123.9	6/2/19 8:30	19.8	(10.3)	3.2	12.5
6/1/19 19:45	(3.4)	17.7	12.4	22.4	6/2/19 8:45	18.3	(28.3)	(8.4)	(22.4)
6/1/19 20:00	(32.0)	(6.4)	7.0	(26.4)	6/2/19 9:00	27.6	(41.8)	(1.3)	(20.3)
6/1/19 20:15	(6.7)	23.8	2.1	22.5	6/2/19 9:15	(29.6)	7.0	(0.4)	(23.8)
6/1/19 20:30	22.0	(5.1)	0.5	21.3	6/2/19 9:30	18.0	(11.3)	(0.8)	6.9
6/1/19 20:45	8.8	(30.4)	0.0	(28.0)	6/2/19 9:45	34.3	(40.8)	(0.2)	(7.8)
6/1/19 21:00	20.0	(3.1)	(0.0)	20.0	6/2/19 10:00	20.6	(32.1)	(0.4)	(15.0)
6/1/19 21:15	(4.2)	31.6	0.0	31.6	6/2/19 10:15	(16.7)	14.6	0.6	8.0
6/1/19 21:30	(54.4)	26.4	(0.0)	(32.5)	6/2/19 10:30	34.1	(47.9)	(0.2)	(14.0)
6/1/19 21:45	(10.7)	15.4	0.0	15.8	6/2/19 10:45	23.1	(29.6)	(0.2)	(6.6)
6/1/19 22:00	(24.4)	(31.4)	0.0	(55.8)	6/2/19 11:00	(9.5)	(38.8)	51.6	10.2
6/1/19 22:15	(61.9)	(94.5)	(0.0)	(156.4)	6/2/19 11:15	45.3	(56.6)	18.2	9.6
6/1/19 22:30	(17.2)	(42.0)	0.0	(56.2)	6/2/19 11:30	(12.2)	(8.2)	1.2	(17.7)
6/1/19 22:45	15.4	53.4	0.0	62.1	6/2/19 11:45	52.9	(33.8)	7.2	26.3
6/1/19 23:00	(31.8)	(16.6)	0.0	(43.6)	6/2/19 12:00	(77.8)	(19.2)	9.9	(85.5)
6/1/19 23:15	(35.2)	29.2	(0.0)	(22.6)	6/2/19 12:15	26.2	(15.1)	17.6	38.7
6/1/19 23:30	(19.6)	31.8	0.0	14.5	6/2/19 12:30	24.5	(43.3)	(34.1)	(46.7)
6/1/19 23:45	(38.2)	18.7	0.1	(19.5)	6/2/19 12:45	(21.6)	22.4	(32.1)	(22.2)
6/2/19 0:00	(19.1)	(7.8)	(0.1)	(17.0)	6/2/19 13:00	33.1	(8.6)	3.2	36.2
6/2/19 0:15	(18.9)	(13.7)	0.1	(31.3)	6/2/19 13:15	15.7	(34.3)	3.7	(16.7)
6/2/19 0:30	(40.7)	35.1	(0.1)	(9.9)	6/2/19 13:30	(17.7)	26.8	(28.1)	(14.6)
6/2/19 0:45	16.0	28.1	0.1	38.3	6/2/19 13:45	(14.1)	15.6	(7.6)	(7.4)
6/2/19 1:00	(9.9)	(1.3)	(0.1)	(10.2)	6/2/19 14:00	53.9	(45.3)	17.0	26.3
6/2/19 1:15	(27.1)	18.6	0.0	(9.3)	6/2/19 14:15	26.1	(33.1)	(5.6)	(13.4)
6/2/19 1:30	(12.6)	6.3	(0.0)	(7.7)	6/2/19 14:30	(12.8)	(7.8)	16.0	(3.8)
6/2/19 1:45	8.6	(7.0)	(0.0)	6.2	6/2/19 14:45	(43.9)	37.5	2.8	(9.4)
6/2/19 2:00	(12.9)	(66.3)	(0.0)	(79.2)	6/2/19 15:00	9.7	(16.6)	6.0	(16.3)
6/2/19 2:15	(48.2)	51.3	0.0	(38.0)	6/2/19 15:15	(27.1)	(18.6)	4.3	(37.5)
6/2/19 2:30	16.0	37.8	0.0	51.1	6/2/19 15:30	(26.8)	36.3	(3.0)	(10.1)
6/2/19 2:45	3.9	8.2	0.0	11.8	6/2/19 15:45	6.0	(48.6)	2.1	(42.9)
6/2/19 3:00	(34.8)	50.8	0.0	16.0	6/2/19 16:00	(10.6)	3.5	3.9	(6.7)
6/2/19 3:15	14.7	(16.4)	(0.0)	13.3	6/2/19 16:15	(15.7)	15.6	(6.1)	7.3
6/2/19 3:30	6.6	(10.2)	(0.0)	(3.7)	6/2/19 16:30	(7.8)	(4.7)	(3.0)	(12.7)
6/2/19 3:45	(29.1)	(33.4)	0.0	(62.4)	6/2/19 16:45	(51.5)	(28.3)	(1.3)	(65.4)
6/2/19 4:00	19.4	25.9	0.0	37.2	6/2/19 17:00	32.5	70.1	4.3	85.2
6/2/19 4:15	13.6	23.4	(0.0)	36.3	6/2/19 17:15	103.3	(31.0)	32.5	104.8
6/2/19 4:30	(19.7)	15.8	0.0	(7.7)	6/2/19 17:30	38.1	20.4	16.8	63.3
6/2/19 4:45	19.4	(7.2)	(0.0)	(13.4)	6/2/19 17:45	13.6	46.1	(11.5)	35.9
6/2/19 5:00	(26.2)	26.3	0.0	10.9	6/2/19 18:00	37.0	(81.6)	(14.6)	(59.2)
6/2/19 5:15	(33.1)	21.2	0.0	(16.9)	6/2/19 18:15	42.7	80.2	(6.7)	119.0
6/2/19 5:30	22.0	(13.2)	(0.0)	9.8	6/2/19 18:30	(11.2)	220.6	(9.6)	211.3
6/2/19 5:45	(10.6)	20.0	(0.2)	16.0	6/2/19 18:45	19.2	86.5	3.2	104.9
6/2/19 6:00	(11.1)	28.9	(2.4)	27.4	6/2/19 19:00	(5.8)	(46.4)	21.4	(30.7)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/2/19 19:15	(47.7)	(140.0)	17.4	(170.3)	6/3/19 8:15	25.3	19.4	(4.6)	39.6
6/2/19 19:30	27.3	(57.0)	6.4	(24.0)	6/3/19 8:30	35.5	19.9	(2.7)	52.7
6/2/19 19:45	6.7	(69.6)	6.6	(56.3)	6/3/19 8:45	15.0	27.2	(2.1)	34.4
6/2/19 20:00	(27.6)	(95.6)	6.7	(116.4)	6/3/19 9:00	8.1	18.9	12.6	39.5
6/2/19 20:15	22.2	(23.5)	2.5	16.4	6/3/19 9:15	(2.3)	7.8	(13.4)	(7.8)
6/2/19 20:30	28.5	(16.4)	(0.4)	13.1	6/3/19 9:30	(12.2)	2.7	(4.0)	(12.8)
6/2/19 20:45	(3.9)	13.3	0.5	13.9	6/3/19 9:45	14.6	(1.2)	(1.1)	12.8
6/2/19 21:00	10.7	(6.1)	0.3	(12.4)	6/3/19 10:00	14.9	1.0	(0.3)	15.5
6/2/19 21:15	(37.1)	4.5	(0.0)	(35.8)	6/3/19 10:15	(10.6)	(1.3)	(0.6)	(11.1)
6/2/19 21:30	(52.9)	51.0	0.0	(3.7)	6/3/19 10:30	28.2	1.1	(0.3)	28.7
6/2/19 21:45	(6.3)	3.9	(0.0)	(5.6)	6/3/19 10:45	18.8	1.5	0.2	20.1
6/2/19 22:00	(30.9)	11.7	0.0	(19.2)	6/3/19 11:00	10.5	(4.0)	(0.2)	8.6
6/2/19 22:15	(51.0)	46.8	0.0	(6.8)	6/3/19 11:15	36.6	(3.3)	8.5	41.5
6/2/19 22:30	(19.4)	33.6	(0.0)	14.2	6/3/19 11:30	24.3	(3.0)	14.7	36.0
6/2/19 22:45	(33.0)	48.7	0.0	15.7	6/3/19 11:45	10.0	(2.6)	(4.0)	6.2
6/2/19 23:00	(82.6)	63.0	0.0	(19.6)	6/3/19 12:00	34.8	(5.4)	16.8	45.7
6/2/19 23:15	(63.5)	61.3	(0.0)	(3.4)	6/3/19 12:15	8.4	(10.1)	7.8	6.1
6/2/19 23:30	(24.5)	40.6	0.0	16.6	6/3/19 12:30	(9.8)	(10.7)	8.3	(17.9)
6/2/19 23:45	(20.0)	14.3	(0.0)	(7.7)	6/3/19 12:45	36.2	(9.6)	(14.7)	24.7
6/3/19 0:00	(21.9)	15.9	(0.0)	(10.8)	6/3/19 13:00	17.4	(17.8)	14.5	15.4
6/3/19 0:15	(69.5)	62.2	0.0	(12.4)	6/3/19 13:15	15.6	(20.3)	11.9	(8.6)
6/3/19 0:30	10.2	(13.0)	(0.1)	6.5	6/3/19 13:30	(21.8)	0.8	5.7	(19.2)
6/3/19 0:45	(5.6)	34.6	0.0	29.7	6/3/19 13:45	24.9	(10.1)	11.0	24.9
6/3/19 1:00	(43.4)	32.3	0.1	(16.0)	6/3/19 14:00	10.1	(12.8)	(18.1)	(26.7)
6/3/19 1:15	(7.0)	15.7	(0.1)	16.3	6/3/19 14:15	(10.8)	(28.9)	19.2	(17.3)
6/3/19 1:30	(10.7)	27.1	(0.0)	16.3	6/3/19 14:30	14.0	(7.2)	8.0	21.7
6/3/19 1:45	(27.6)	(6.8)	0.0	(33.7)	6/3/19 14:45	(12.6)	25.9	(0.9)	25.5
6/3/19 2:00	23.8	(27.0)	(0.0)	(13.1)	6/3/19 15:00	(13.0)	(26.2)	(5.7)	(39.1)
6/3/19 2:15	14.2	28.5	(0.0)	41.4	6/3/19 15:15	9.1	(33.0)	14.0	(11.6)
6/3/19 2:30	(51.7)	(23.1)	0.0	(73.8)	6/3/19 15:30	(9.2)	10.8	5.5	18.6
6/3/19 2:45	27.8	(52.0)	0.0	(24.9)	6/3/19 15:45	(23.9)	(208.3)	(9.6)	(231.7)
6/3/19 3:00	3.9	10.3	0.0	13.7	6/3/19 16:00	9.2	75.0	(15.0)	67.0
6/3/19 3:15	(29.0)	35.7	0.0	11.1	6/3/19 16:15	(6.2)	(137.2)	(30.7)	(169.5)
6/3/19 3:30	32.1	11.6	(0.0)	43.6	6/3/19 16:30	(49.4)	(45.5)	3.4	(92.2)
6/3/19 3:45	6.5	10.4	(0.0)	16.6	6/3/19 16:45	(14.5)	27.7	(3.4)	18.9
6/3/19 4:00	(18.6)	6.0	(0.0)	(12.6)	6/3/19 17:00	(17.3)	(73.6)	8.1	(82.9)
6/3/19 4:15	18.3	20.8	0.0	39.1	6/3/19 17:15	(35.6)	(40.0)	4.6	(69.2)
6/3/19 4:30	9.9	5.7	(0.0)	15.5	6/3/19 17:30	13.7	38.8	0.5	50.2
6/3/19 4:45	18.1	9.4	(0.0)	26.3	6/3/19 17:45	(8.0)	58.1	(6.3)	44.8
6/3/19 5:00	22.0	29.5	(0.0)	51.2	6/3/19 18:00	(26.1)	22.1	(5.2)	(29.8)
6/3/19 5:15	23.5	(5.2)	(0.0)	18.4	6/3/19 18:15	27.0	(49.7)	14.4	(10.0)
6/3/19 5:30	(13.9)	13.7	0.0	23.3	6/3/19 18:30	38.1	(91.2)	25.4	(31.1)
6/3/19 5:45	34.5	44.5	(0.4)	78.6	6/3/19 18:45	(25.1)	(115.2)	14.4	(125.1)
6/3/19 6:00	21.2	55.0	(2.7)	70.8	6/3/19 19:00	17.2	(21.3)	6.6	15.3
6/3/19 6:15	45.4	21.5	(8.1)	56.7	6/3/19 19:15	17.6	45.5	(6.9)	54.5
6/3/19 6:30	43.8	6.7	(12.0)	38.5	6/3/19 19:30	(48.4)	166.8	5.5	123.5
6/3/19 6:45	19.3	(13.6)	(21.6)	(23.7)	6/3/19 19:45	10.3	48.3	8.8	63.2
6/3/19 7:00	38.4	(6.3)	(18.2)	25.2	6/3/19 20:00	(13.6)	(15.6)	5.6	(21.9)
6/3/19 7:15	27.2	3.6	(22.0)	14.6	6/3/19 20:15	(25.7)	43.5	1.9	20.7
6/3/19 7:30	17.8	1.1	(15.0)	6.2	6/3/19 20:30	24.7	12.0	0.2	36.1
6/3/19 7:45	33.6	9.8	(12.9)	30.4	6/3/19 20:45	18.9	9.4	0.0	27.0
6/3/19 8:00	43.9	15.4	(7.6)	51.4	6/3/19 21:00	(20.1)	45.7	(0.0)	26.1

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/3/19 21:15	(13.2)	24.3	0.0	12.9	6/4/19 10:15	32.4	33.7	2.3	66.1
6/3/19 21:30	(21.0)	(76.0)	(0.0)	(97.0)	6/4/19 10:30	18.2	21.1	(2.6)	35.9
6/3/19 21:45	(42.0)	(9.3)	(0.0)	(44.7)	6/4/19 10:45	8.3	23.5	1.1	25.8
6/3/19 22:00	(57.2)	8.1	(0.0)	(49.1)	6/4/19 11:00	30.4	12.8	3.0	45.5
6/3/19 22:15	(53.0)	27.8	0.0	(25.5)	6/4/19 11:15	16.5	10.6	4.4	28.2
6/3/19 22:30	(48.2)	73.5	0.0	25.3	6/4/19 11:30	(13.2)	(8.5)	8.3	(13.9)
6/3/19 22:45	(47.9)	52.6	(0.0)	4.8	6/4/19 11:45	51.3	(2.3)	13.3	63.4
6/3/19 23:00	(49.3)	49.5	(0.0)	1.9	6/4/19 12:00	40.2	4.7	7.8	52.5
6/3/19 23:15	(36.3)	44.3	0.0	8.8	6/4/19 12:15	15.0	15.3	33.5	63.9
6/3/19 23:30	(37.0)	58.7	0.0	21.7	6/4/19 12:30	24.1	18.4	(9.3)	34.9
6/3/19 23:45	(17.6)	23.9	(0.0)	12.6	6/4/19 12:45	6.6	17.7	11.9	32.3
6/4/19 0:00	(11.5)	22.8	(0.0)	20.3	6/4/19 13:00	(30.0)	(4.1)	4.0	(33.5)
6/4/19 0:15	(15.5)	12.3	(0.0)	(3.2)	6/4/19 13:15	26.4	15.7	(6.5)	35.8
6/4/19 0:30	(45.1)	13.0	(0.0)	(32.1)	6/4/19 13:30	(3.4)	(4.6)	(7.3)	(13.1)
6/4/19 0:45	40.9	(24.5)	(0.0)	16.4	6/4/19 13:45	(33.6)	6.5	2.5	(26.5)
6/4/19 1:00	9.3	(49.6)	0.0	(46.8)	6/4/19 14:00	(9.6)	8.6	12.3	18.1
6/4/19 1:15	(21.5)	(52.2)	0.0	(73.7)	6/4/19 14:15	(5.1)	34.3	(14.5)	18.5
6/4/19 1:30	10.6	(34.5)	(0.0)	(29.9)	6/4/19 14:30	(14.7)	13.8	10.0	11.2
6/4/19 1:45	(4.4)	5.2	(0.0)	(4.8)	6/4/19 14:45	23.8	(40.8)	(12.0)	(29.1)
6/4/19 2:00	(24.4)	(27.9)	0.0	(51.9)	6/4/19 15:00	21.0	(41.1)	13.2	(8.0)
6/4/19 2:15	11.0	(44.3)	0.0	(37.3)	6/4/19 15:15	(12.4)	(61.2)	24.0	(44.8)
6/4/19 2:30	(43.6)	(49.5)	0.1	(92.7)	6/4/19 15:30	33.9	(50.9)	(3.1)	(18.5)
6/4/19 2:45	14.7	(49.4)	0.0	(42.5)	6/4/19 15:45	14.4	11.5	(5.6)	19.4
6/4/19 3:00	19.6	(23.0)	0.0	34.4	6/4/19 16:00	(10.1)	29.9	(7.7)	18.2
6/4/19 3:15	20.6	33.6	(0.0)	50.4	6/4/19 16:15	15.9	47.0	6.0	67.2
6/4/19 3:30	(14.0)	(12.5)	(0.0)	(23.6)	6/4/19 16:30	(12.1)	(18.0)	6.5	(23.8)
6/4/19 3:45	16.3	(19.6)	0.0	(8.6)	6/4/19 16:45	(14.9)	17.7	5.9	25.0
6/4/19 4:00	11.6	(10.2)	(0.0)	7.0	6/4/19 17:00	14.1	(41.8)	4.4	(48.0)
6/4/19 4:15	(9.2)	22.0	0.0	16.5	6/4/19 17:15	(39.8)	(245.7)	0.6	(285.0)
6/4/19 4:30	20.3	(3.4)	0.0	18.4	6/4/19 17:30	(22.1)	(100.0)	(0.9)	(118.1)
6/4/19 4:45	10.2	9.6	(0.0)	16.4	6/4/19 17:45	21.5	75.8	1.9	98.6
6/4/19 5:00	24.4	(16.4)	0.0	12.2	6/4/19 18:00	(17.2)	79.4	2.5	73.0
6/4/19 5:15	36.2	(94.6)	0.0	(59.5)	6/4/19 18:15	(18.1)	34.2	7.2	40.2
6/4/19 5:30	(8.9)	(16.2)	(0.2)	(12.0)	6/4/19 18:30	15.5	72.0	11.0	98.2
6/4/19 5:45	30.3	19.6	(0.6)	49.3	6/4/19 18:45	(19.1)	61.6	2.0	46.8
6/4/19 6:00	29.1	5.6	(3.7)	29.0	6/4/19 19:00	(17.9)	29.0	(2.3)	12.4
6/4/19 6:15	10.0	33.2	(11.0)	27.2	6/4/19 19:15	28.4	(24.0)	1.0	10.7
6/4/19 6:30	34.7	48.5	(15.1)	63.8	6/4/19 19:30	5.1	38.2	(1.3)	38.1
6/4/19 6:45	51.6	8.4	(18.3)	40.5	6/4/19 19:45	(17.3)	10.4	5.5	(19.7)
6/4/19 7:00	32.4	(3.8)	(20.0)	9.6	6/4/19 20:00	(24.2)	(118.2)	6.8	(135.7)
6/4/19 7:15	(11.4)	(0.9)	(19.5)	(23.6)	6/4/19 20:15	(21.4)	(48.2)	2.9	(64.3)
6/4/19 7:30	22.9	(2.9)	(17.1)	(13.7)	6/4/19 20:30	20.2	75.2	0.4	95.0
6/4/19 7:45	24.2	5.8	(13.5)	16.2	6/4/19 20:45	8.9	103.9	0.0	110.2
6/4/19 8:00	(12.1)	3.7	(7.0)	(12.1)	6/4/19 21:00	(16.1)	88.1	(0.0)	81.2
6/4/19 8:15	19.3	(5.5)	(4.4)	17.5	6/4/19 21:15	(25.8)	(15.7)	0.0	(34.8)
6/4/19 8:30	14.7	30.1	(2.0)	42.7	6/4/19 21:30	(48.6)	(49.5)	(0.0)	(98.2)
6/4/19 8:45	(23.9)	10.7	1.2	(23.2)	6/4/19 21:45	(40.1)	(6.7)	(0.0)	(41.1)
6/4/19 9:00	(50.7)	(6.1)	(3.3)	(57.7)	6/4/19 22:00	(25.8)	21.4	0.0	(12.7)
6/4/19 9:15	6.4	(17.3)	2.2	(10.2)	6/4/19 22:15	(60.9)	36.7	0.0	(24.2)
6/4/19 9:30	17.7	(13.1)	(1.9)	6.9	6/4/19 22:30	(33.9)	25.0	(0.0)	(9.7)
6/4/19 9:45	26.1	23.8	(1.5)	48.6	6/4/19 22:45	(49.1)	26.9	(0.0)	(22.2)
6/4/19 10:00	44.5	37.1	0.7	82.3	6/4/19 23:00	(49.2)	23.8	0.0	(25.4)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/4/19 23:15	(9.8)	18.1	0.0	11.7	6/5/19 12:15	(15.1)	0.3	12.8	10.8
6/4/19 23:30	(38.2)	6.0	0.0	(32.3)	6/5/19 12:30	24.9	1.2	(13.5)	16.9
6/4/19 23:45	(48.6)	(14.6)	(0.0)	(63.2)	6/5/19 12:45	24.3	1.0	9.6	34.8
6/5/19 0:00	(22.9)	(38.2)	(0.0)	(59.5)	6/5/19 13:00	(21.9)	(2.1)	9.6	(15.0)
6/5/19 0:15	16.6	(15.7)	(0.0)	(18.4)	6/5/19 13:15	12.7	(3.0)	5.3	12.2
6/5/19 0:30	20.1	(9.7)	(0.0)	(18.0)	6/5/19 13:30	26.9	(2.9)	(3.8)	21.4
6/5/19 0:45	(30.0)	(7.1)	0.0	(36.4)	6/5/19 13:45	45.4	(3.7)	5.6	47.2
6/5/19 1:00	12.0	26.5	(0.0)	30.0	6/5/19 14:00	30.4	(6.7)	9.4	33.1
6/5/19 1:15	(37.9)	25.3	(0.0)	(12.9)	6/5/19 14:15	11.0	(7.1)	(23.1)	(19.8)
6/5/19 1:30	13.5	9.9	0.0	23.0	6/5/19 14:30	(14.3)	(20.8)	(9.6)	(38.8)
6/5/19 1:45	(11.8)	(14.5)	(0.0)	(26.3)	6/5/19 14:45	25.4	(29.7)	(5.1)	(11.7)
6/5/19 2:00	(26.7)	(15.1)	0.0	(41.9)	6/5/19 15:00	22.5	(17.8)	4.9	8.1
6/5/19 2:15	12.2	(1.5)	(0.0)	12.5	6/5/19 15:15	(16.0)	5.1	13.1	12.5
6/5/19 2:30	(6.8)	(8.6)	0.0	(15.4)	6/5/19 15:30	18.5	8.5	9.2	36.2
6/5/19 2:45	(34.9)	(9.3)	0.0	(44.1)	6/5/19 15:45	3.7	(2.3)	9.1	12.7
6/5/19 3:00	19.1	2.8	0.0	21.9	6/5/19 16:00	(49.8)	(3.6)	39.5	(13.8)
6/5/19 3:15	5.3	0.9	(0.0)	6.1	6/5/19 16:15	(6.2)	(8.1)	6.5	(7.2)
6/5/19 3:30	(22.0)	(4.7)	(0.0)	(26.5)	6/5/19 16:30	4.4	(27.3)	(8.2)	(34.9)
6/5/19 3:45	(21.1)	(6.1)	0.0	(25.5)	6/5/19 16:45	(6.1)	(36.9)	8.8	(36.1)
6/5/19 4:00	23.3	(6.6)	0.0	17.1	6/5/19 17:00	(7.3)	(30.0)	21.6	(15.6)
6/5/19 4:15	13.1	(12.3)	0.0	4.5	6/5/19 17:15	(11.7)	(7.9)	3.7	(15.9)
6/5/19 4:30	(26.2)	(15.1)	(0.0)	(41.3)	6/5/19 17:30	9.3	4.6	(10.8)	4.1
6/5/19 4:45	17.4	10.7	(0.0)	27.7	6/5/19 17:45	18.1	12.9	(7.6)	26.1
6/5/19 5:00	18.6	20.5	(0.1)	39.0	6/5/19 18:00	12.6	14.3	(8.1)	22.2
6/5/19 5:15	18.6	7.5	(0.1)	25.9	6/5/19 18:15	(13.8)	21.8	(10.7)	(5.7)
6/5/19 5:30	29.1	4.1	0.1	33.3	6/5/19 18:30	(32.2)	16.6	(1.1)	(17.4)
6/5/19 5:45	31.0	(1.9)	(0.4)	28.7	6/5/19 18:45	(34.4)	14.1	8.3	(16.6)
6/5/19 6:00	32.7	3.1	(1.1)	34.3	6/5/19 19:00	(22.8)	1.2	17.6	(5.7)
6/5/19 6:15	17.9	17.5	(3.9)	31.5	6/5/19 19:15	(19.7)	8.9	6.4	(4.4)
6/5/19 6:30	45.7	3.7	(5.7)	43.7	6/5/19 19:30	(27.7)	(1.8)	3.4	(25.1)
6/5/19 6:45	29.2	11.8	(8.8)	32.2	6/5/19 19:45	(10.0)	(17.0)	4.3	(22.7)
6/5/19 7:00	(31.9)	15.1	(7.1)	(23.8)	6/5/19 20:00	3.8	(61.8)	(2.6)	(61.1)
6/5/19 7:15	43.3	8.8	(13.9)	38.4	6/5/19 20:15	66.1	(46.6)	(11.2)	18.7
6/5/19 7:30	30.0	4.3	(13.4)	20.9	6/5/19 20:30	(34.9)	17.8	0.0	(21.5)
6/5/19 7:45	30.1	9.1	(2.1)	34.0	6/5/19 20:45	(10.6)	15.2	0.0	19.1
6/5/19 8:00	38.6	8.2	8.8	55.6	6/5/19 21:00	(33.1)	18.7	0.0	(19.9)
6/5/19 8:15	44.6	10.2	(8.0)	47.0	6/5/19 21:15	23.1	27.1	0.0	48.1
6/5/19 8:30	12.9	1.5	(10.3)	7.8	6/5/19 21:30	(30.8)	10.8	9.4	(21.6)
6/5/19 8:45	(11.9)	(0.9)	(5.5)	(16.6)	6/5/19 21:45	(32.4)	(13.9)	9.4	(35.9)
6/5/19 9:00	25.7	0.9	(3.1)	26.4	6/5/19 22:00	(27.7)	8.0	0.0	(22.8)
6/5/19 9:15	(6.0)	1.2	(8.0)	(12.4)	6/5/19 22:15	(56.5)	6.1	(0.0)	(50.4)
6/5/19 9:30	(11.1)	1.5	6.0	11.5	6/5/19 22:30	(32.0)	7.1	0.0	(25.2)
6/5/19 9:45	36.2	2.8	(2.3)	36.8	6/5/19 22:45	(41.7)	(34.7)	(0.0)	(76.4)
6/5/19 10:00	38.0	4.4	(11.0)	31.3	6/5/19 23:00	(55.0)	(71.0)	(0.0)	(126.1)
6/5/19 10:15	(5.5)	1.2	(11.7)	(13.3)	6/5/19 23:15	(64.5)	(49.2)	0.0	(109.9)
6/5/19 10:30	16.2	1.1	(1.7)	16.4	6/5/19 23:30	(7.0)	(31.1)	0.0	(35.8)
6/5/19 10:45	4.9	0.6	7.0	10.2	6/5/19 23:45	(30.2)	(18.9)	(0.0)	(48.9)
6/5/19 11:00	(17.0)	0.2	(8.0)	(19.9)	6/6/19 0:00	38.1	15.1	(0.0)	53.2
6/5/19 11:15	19.7	1.1	(4.1)	17.6	6/6/19 0:15	9.0	(7.1)	(0.0)	(9.3)
6/5/19 11:30	(42.6)	3.6	(3.1)	(40.1)	6/6/19 0:30	(53.6)	(10.3)	(0.0)	(63.9)
6/5/19 11:45	14.5	2.0	(7.4)	15.0	6/6/19 0:45	12.3	(10.1)	0.0	(10.5)
6/5/19 12:00	4.0	1.2	4.2	6.5	6/6/19 1:00	(13.9)	41.1	0.0	28.8

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/6/19 1:15	(28.4)	20.1	(0.0)	(11.7)	6/6/19 14:15	34.1	(3.9)	(0.1)	31.3
6/6/19 1:30	(13.2)	30.4	(0.0)	32.4	6/6/19 14:30	16.4	(9.4)	2.4	10.2
6/6/19 1:45	(7.2)	38.8	(0.0)	37.3	6/6/19 14:45	12.9	1.4	1.0	14.0
6/6/19 2:00	(23.9)	28.9	(0.0)	15.6	6/6/19 15:00	7.8	(1.0)	3.7	10.9
6/6/19 2:15	(29.9)	11.3	0.0	(18.8)	6/6/19 15:15	16.4	2.8	2.4	19.5
6/6/19 2:30	(10.1)	(16.6)	0.0	(26.6)	6/6/19 15:30	23.6	1.6	(3.0)	22.1
6/6/19 2:45	(4.1)	(2.0)	0.0	(5.7)	6/6/19 15:45	17.6	1.8	2.4	21.5
6/6/19 3:00	(2.9)	2.2	0.0	(0.9)	6/6/19 16:00	16.3	(4.9)	(3.5)	8.8
6/6/19 3:15	(2.8)	9.4	(0.0)	7.6	6/6/19 16:15	25.0	(2.9)	0.6	22.4
6/6/19 3:30	(2.1)	11.0	(0.0)	9.0	6/6/19 16:30	21.0	(6.1)	2.9	17.7
6/6/19 3:45	(0.9)	11.5	0.0	10.9	6/6/19 16:45	9.8	(6.9)	17.5	20.4
6/6/19 4:00	7.2	16.6	(0.0)	23.3	6/6/19 17:00	21.5	(9.6)	24.9	36.8
6/6/19 4:15	6.6	17.8	0.0	24.4	6/6/19 17:15	22.0	(2.2)	8.1	27.7
6/6/19 4:30	1.4	6.1	0.0	7.1	6/6/19 17:30	9.3	(2.7)	(27.4)	(20.4)
6/6/19 4:45	15.0	(4.5)	0.0	10.5	6/6/19 17:45	1.9	(14.2)	(8.6)	(21.4)
6/6/19 5:00	26.6	(2.4)	(0.0)	24.3	6/6/19 18:00	(3.7)	(21.9)	(2.0)	(27.5)
6/6/19 5:15	25.6	2.9	0.0	26.9	6/6/19 18:15	(9.6)	(28.0)	9.5	(28.0)
6/6/19 5:30	16.2	16.3	(0.0)	32.5	6/6/19 18:30	(3.0)	(19.7)	12.0	(10.7)
6/6/19 5:45	12.8	12.0	(0.5)	24.3	6/6/19 18:45	(10.1)	(29.7)	33.6	(8.9)
6/6/19 6:00	18.7	2.6	(3.9)	17.2	6/6/19 19:00	24.2	(43.9)	33.0	18.9
6/6/19 6:15	38.7	11.0	(10.6)	39.2	6/6/19 19:15	(5.4)	(59.9)	13.5	(50.8)
6/6/19 6:30	22.7	11.9	(16.3)	18.3	6/6/19 19:30	(22.0)	(30.9)	11.4	(41.5)
6/6/19 6:45	23.4	4.2	(19.4)	8.3	6/6/19 19:45	(36.5)	(38.8)	2.8	(70.1)
6/6/19 7:00	34.7	2.7	(20.3)	17.4	6/6/19 20:00	(29.5)	(26.3)	3.4	(51.5)
6/6/19 7:15	42.9	8.4	(18.8)	33.5	6/6/19 20:15	27.5	(54.0)	1.5	(31.3)
6/6/19 7:30	4.9	14.8	(17.5)	3.9	6/6/19 20:30	(16.3)	(83.4)	0.2	(99.5)
6/6/19 7:45	14.7	13.0	(13.0)	14.7	6/6/19 20:45	(10.1)	(56.0)	0.0	(56.1)
6/6/19 8:00	20.0	11.2	(7.2)	23.9	6/6/19 21:00	(12.9)	(59.9)	(0.0)	(71.8)
6/6/19 8:15	23.5	6.3	(3.9)	25.9	6/6/19 21:15	(16.5)	(61.8)	0.0	(78.3)
6/6/19 8:30	14.9	7.8	(2.3)	20.4	6/6/19 21:30	(44.2)	(81.2)	0.0	(125.4)
6/6/19 8:45	20.0	4.8	(1.5)	23.2	6/6/19 21:45	(40.9)	(106.2)	(0.0)	(147.1)
6/6/19 9:00	(36.4)	2.0	(1.2)	(35.5)	6/6/19 22:00	(56.4)	(46.1)	0.0	(102.5)
6/6/19 9:15	7.3	(0.5)	(0.9)	6.0	6/6/19 22:15	(43.8)	(34.3)	(0.0)	(78.2)
6/6/19 9:30	11.8	0.9	5.7	18.3	6/6/19 22:30	(6.8)	(35.1)	0.0	(36.0)
6/6/19 9:45	18.1	1.2	5.3	21.0	6/6/19 22:45	(28.5)	31.2	0.0	(14.8)
6/6/19 10:00	4.2	0.4	(7.9)	(4.9)	6/6/19 23:00	(47.4)	51.2	(0.0)	(25.7)
6/6/19 10:15	21.2	(1.1)	(0.2)	20.0	6/6/19 23:15	(66.4)	(32.3)	0.0	(98.7)
6/6/19 10:30	12.9	(0.8)	(0.2)	11.9	6/6/19 23:30	(26.3)	17.6	0.0	(16.8)
6/6/19 10:45	11.8	(1.3)	(0.1)	10.4	6/6/19 23:45	(40.4)	44.7	(0.0)	8.1
6/6/19 11:00	9.8	(1.6)	(0.4)	7.8	6/7/19 0:00	(36.1)	35.7	0.0	(13.4)
6/6/19 11:15	11.7	0.5	0.3	12.3	6/7/19 0:15	(29.6)	(19.3)	(0.0)	(48.9)
6/6/19 11:30	(5.7)	0.8	0.2	(4.9)	6/7/19 0:30	(44.7)	81.2	(0.0)	40.4
6/6/19 11:45	(1.9)	(3.1)	0.1	(4.0)	6/7/19 0:45	14.9	8.3	0.0	23.0
6/6/19 12:00	13.3	(2.7)	(0.0)	10.5	6/7/19 1:00	(7.8)	(5.5)	(0.0)	(13.3)
6/6/19 12:15	10.3	(7.0)	(0.1)	3.8	6/7/19 1:15	(26.6)	(17.4)	0.0	(43.2)
6/6/19 12:30	(5.3)	(1.5)	0.0	(4.8)	6/7/19 1:30	(43.5)	29.2	(0.0)	(24.0)
6/6/19 12:45	6.0	(2.7)	0.1	(5.8)	6/7/19 1:45	(16.4)	8.5	(0.0)	(17.3)
6/6/19 13:00	13.7	(3.7)	(0.1)	10.2	6/7/19 2:00	9.6	(29.0)	0.0	(23.1)
6/6/19 13:15	5.9	(4.4)	(0.2)	3.1	6/7/19 2:15	6.1	(33.5)	(0.0)	(32.9)
6/6/19 13:30	13.6	(2.5)	0.0	11.1	6/7/19 2:30	(27.6)	41.2	0.0	30.3
6/6/19 13:45	22.8	2.2	0.0	24.4	6/7/19 2:45	(8.4)	67.5	0.0	67.1
6/6/19 14:00	20.6	(4.5)	(0.0)	16.2	6/7/19 3:00	4.6	16.8	0.0	17.5

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/7/19 3:15	(29.9)	(1.5)	(0.0)	(30.3)	6/7/19 16:15	8.1	32.2	(7.9)	32.2
6/7/19 3:30	19.4	(1.3)	0.0	18.1	6/7/19 16:30	(16.7)	52.6	(15.8)	20.8
6/7/19 3:45	3.7	7.9	(0.0)	11.5	6/7/19 16:45	(9.6)	(27.5)	18.4	(12.9)
6/7/19 4:00	(13.7)	(7.1)	(0.0)	(19.7)	6/7/19 17:00	(28.5)	(24.3)	21.8	(28.9)
6/7/19 4:15	(11.2)	(4.9)	(0.0)	(14.4)	6/7/19 17:15	(60.0)	(13.3)	(7.5)	(77.2)
6/7/19 4:30	37.3	(6.7)	0.0	30.9	6/7/19 17:30	19.4	71.3	4.3	94.7
6/7/19 4:45	23.9	(8.4)	(0.0)	15.5	6/7/19 17:45	(2.3)	72.1	10.9	82.2
6/7/19 5:00	14.0	(8.6)	(0.1)	5.9	6/7/19 18:00	(37.8)	(12.3)	14.0	(36.4)
6/7/19 5:15	15.7	(22.1)	0.1	(11.6)	6/7/19 18:15	(49.2)	43.4	(8.3)	(31.5)
6/7/19 5:30	23.7	(7.5)	(0.1)	17.0	6/7/19 18:30	(4.0)	88.5	(13.9)	70.6
6/7/19 5:45	(18.2)	(7.8)	(0.5)	(23.5)	6/7/19 18:45	(6.6)	121.0	(8.2)	107.7
6/7/19 6:00	55.4	(60.2)	(4.3)	(23.1)	6/7/19 19:00	(33.7)	123.7	27.1	117.1
6/7/19 6:15	15.3	49.5	(11.9)	53.5	6/7/19 19:15	(7.7)	(44.0)	4.3	(37.4)
6/7/19 6:30	51.1	(31.8)	(16.3)	8.0	6/7/19 19:30	4.3	(33.4)	9.4	39.5
6/7/19 6:45	31.1	(12.1)	(18.1)	3.6	6/7/19 19:45	(36.3)	52.0	8.9	(54.1)
6/7/19 7:00	17.0	28.0	(18.8)	24.1	6/7/19 20:00	15.5	(190.1)	9.5	(175.8)
6/7/19 7:15	32.8	34.6	(18.7)	48.7	6/7/19 20:15	(4.5)	(91.9)	3.0	(90.4)
6/7/19 7:30	32.1	29.9	(17.9)	44.1	6/7/19 20:30	4.1	21.0	0.7	22.7
6/7/19 7:45	22.1	42.9	(13.5)	48.5	6/7/19 20:45	(14.4)	16.6	(0.0)	6.5
6/7/19 8:00	25.1	14.8	(7.3)	28.6	6/7/19 21:00	22.6	104.6	0.0	127.1
6/7/19 8:15	44.1	3.4	(4.5)	41.4	6/7/19 21:15	(3.2)	29.8	0.0	27.7
6/7/19 8:30	26.3	(16.3)	(2.2)	11.6	6/7/19 21:30	(42.8)	(9.7)	0.0	(52.5)
6/7/19 8:45	9.4	(42.1)	(1.3)	(41.6)	6/7/19 21:45	(35.3)	(26.5)	(0.0)	(58.5)
6/7/19 9:00	38.8	(28.1)	(0.9)	10.8	6/7/19 22:00	(16.2)	(34.0)	0.0	(48.1)
6/7/19 9:15	36.7	(12.1)	(0.9)	24.2	6/7/19 22:15	(34.6)	10.3	0.0	(27.7)
6/7/19 9:30	(15.7)	3.4	(0.4)	(12.9)	6/7/19 22:30	(40.1)	66.6	(0.0)	30.2
6/7/19 9:45	11.2	(2.0)	(0.2)	10.8	6/7/19 22:45	(10.8)	30.7	0.0	39.7
6/7/19 10:00	27.5	(8.2)	(0.1)	20.1	6/7/19 23:00	(41.8)	16.5	(0.0)	(26.4)
6/7/19 10:15	13.4	(11.3)	(0.2)	(12.2)	6/7/19 23:15	(38.6)	46.9	(0.0)	10.6
6/7/19 10:30	37.6	(24.9)	0.2	15.5	6/7/19 23:30	(36.9)	73.9	0.0	37.8
6/7/19 10:45	(10.5)	7.0	0.4	8.0	6/7/19 23:45	(32.0)	23.0	(0.0)	(38.2)
6/7/19 11:00	54.6	16.8	(0.6)	70.9	6/8/19 0:00	(24.0)	(144.1)	(0.0)	(168.1)
6/7/19 11:15	15.1	(1.9)	0.3	15.4	6/8/19 0:15	(55.2)	18.0	(0.0)	(48.3)
6/7/19 11:30	72.1	(45.4)	2.1	29.6	6/8/19 0:30	(22.5)	9.9	0.0	(12.6)
6/7/19 11:45	30.7	4.4	3.6	37.9	6/8/19 0:45	(31.6)	6.3	0.1	(25.3)
6/7/19 12:00	21.0	(4.7)	(3.5)	(22.6)	6/8/19 1:00	(35.9)	14.5	(0.1)	(29.5)
6/7/19 12:15	(37.8)	(20.0)	0.7	(52.4)	6/8/19 1:15	(8.1)	15.4	(0.0)	21.2
6/7/19 12:30	26.5	(6.3)	8.5	28.7	6/8/19 1:30	(7.1)	(9.4)	(0.0)	(14.3)
6/7/19 12:45	10.8	(2.6)	(3.8)	14.9	6/8/19 1:45	(22.6)	(10.6)	(0.0)	(23.4)
6/7/19 13:00	(16.0)	(12.1)	(7.0)	(29.3)	6/8/19 2:00	(27.4)	52.4	0.0	25.3
6/7/19 13:15	(13.5)	3.3	(2.1)	(9.2)	6/8/19 2:15	(3.7)	5.6	(0.0)	2.5
6/7/19 13:30	(3.7)	2.7	1.3	(4.7)	6/8/19 2:30	(22.0)	39.1	0.0	20.5
6/7/19 13:45	(27.2)	2.4	19.3	(11.2)	6/8/19 2:45	(4.9)	55.8	0.0	50.9
6/7/19 14:00	(23.3)	(5.2)	26.7	(10.2)	6/8/19 3:00	(6.2)	(23.1)	0.0	(29.2)
6/7/19 14:15	(14.9)	2.9	10.1	(7.1)	6/8/19 3:15	(6.1)	16.7	(0.0)	12.1
6/7/19 14:30	11.8	(8.3)	11.1	14.7	6/8/19 3:30	(10.0)	26.1	0.0	16.1
6/7/19 14:45	26.9	8.4	(7.5)	30.0	6/8/19 3:45	(5.5)	0.7	0.0	(4.9)
6/7/19 15:00	29.4	(6.4)	(19.1)	8.9	6/8/19 4:00	3.5	(2.8)	(0.0)	(1.2)
6/7/19 15:15	(5.7)	(8.9)	35.3	24.9	6/8/19 4:15	5.5	(3.5)	0.0	2.4
6/7/19 15:30	5.9	(20.2)	(10.7)	(26.6)	6/8/19 4:30	22.5	(14.3)	(0.0)	8.2
6/7/19 15:45	15.1	(49.6)	(7.3)	(41.8)	6/8/19 4:45	18.0	(9.8)	0.0	8.2
6/7/19 16:00	5.7	(105.4)	(6.6)	(103.9)	6/8/19 5:00	13.4	(6.8)	(0.0)	6.6

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/8/19 5:15	(19.3)	(25.8)	0.0	(42.8)	6/8/19 18:15	(18.6)	(36.3)	7.8	(47.2)
6/8/19 5:30	13.0	(34.1)	(0.1)	(22.7)	6/8/19 18:30	(41.1)	(32.4)	14.0	(58.7)
6/8/19 5:45	(35.2)	47.8	(0.9)	14.4	6/8/19 18:45	19.2	(34.0)	3.1	(14.7)
6/8/19 6:00	(24.3)	74.3	(4.8)	46.6	6/8/19 19:00	(6.9)	(75.7)	19.9	(62.5)
6/8/19 6:15	17.6	52.4	(3.2)	64.0	6/8/19 19:15	(32.3)	92.2	28.5	88.5
6/8/19 6:30	23.9	23.2	(18.7)	28.4	6/8/19 19:30	(14.0)	11.2	5.9	10.1
6/8/19 6:45	13.4	45.9	(18.0)	35.6	6/8/19 19:45	(13.1)	(26.1)	11.3	(26.6)
6/8/19 7:00	19.7	23.0	(15.0)	21.5	6/8/19 20:00	(11.8)	(73.3)	8.7	(76.4)
6/8/19 7:15	31.2	(58.4)	19.5	(8.7)	6/8/19 20:15	14.2	(77.3)	2.8	(72.4)
6/8/19 7:30	12.9	(5.0)	8.1	18.8	6/8/19 20:30	27.4	(83.9)	0.2	(56.3)
6/8/19 7:45	28.8	9.1	(8.2)	30.4	6/8/19 20:45	8.5	43.7	(0.0)	50.1
6/8/19 8:00	6.3	4.1	(4.5)	7.6	6/8/19 21:00	(27.0)	26.4	0.0	(14.5)
6/8/19 8:15	33.1	7.3	(36.6)	4.6	6/8/19 21:15	(6.1)	(8.5)	(0.0)	(11.0)
6/8/19 8:30	7.5	24.1	34.2	65.8	6/8/19 21:30	(29.6)	(14.5)	(0.0)	(40.5)
6/8/19 8:45	14.3	(100.9)	(15.9)	(108.9)	6/8/19 21:45	11.7	14.8	(0.0)	20.2
6/8/19 9:00	(29.7)	96.4	(42.0)	27.3	6/8/19 22:00	(34.6)	50.1	(0.0)	20.9
6/8/19 9:15	13.0	24.7	(42.0)	(5.9)	6/8/19 22:15	(11.9)	22.6	(0.0)	14.5
6/8/19 9:30	25.3	(25.5)	21.0	21.0	6/8/19 22:30	(33.3)	19.6	0.0	(13.7)
6/8/19 9:45	40.6	(44.2)	14.7	12.1	6/8/19 22:45	(51.4)	43.8	0.0	(9.6)
6/8/19 10:00	23.3	(75.6)	(6.1)	(55.4)	6/8/19 23:00	(36.6)	48.7	0.2	14.4
6/8/19 10:15	36.4	46.5	(24.6)	57.5	6/8/19 23:15	(23.8)	18.5	0.0	(10.7)
6/8/19 10:30	(7.5)	(6.7)	(10.2)	(19.8)	6/8/19 23:30	(39.3)	57.0	0.0	19.3
6/8/19 10:45	15.7	(21.1)	(0.8)	(6.6)	6/8/19 23:45	(59.3)	58.4	(0.0)	(6.1)
6/8/19 11:00	24.5	(10.5)	0.1	14.6	6/9/19 0:00	(28.4)	40.1	0.0	12.5
6/8/19 11:15	25.6	(18.8)	0.1	8.2	6/9/19 0:15	(13.8)	6.1	(0.1)	(8.0)
6/8/19 11:30	20.2	(26.5)	(0.2)	(8.5)	6/9/19 0:30	(22.3)	18.4	(0.0)	(5.1)
6/8/19 11:45	22.5	(17.8)	(0.1)	4.7	6/9/19 0:45	(38.3)	30.3	0.0	(10.9)
6/8/19 12:00	31.9	(24.2)	0.1	11.6	6/9/19 1:00	14.0	(7.3)	0.0	8.8
6/8/19 12:15	(19.6)	(31.7)	(0.1)	(50.4)	6/9/19 1:15	3.9	9.0	(0.0)	9.9
6/8/19 12:30	28.6	27.2	0.3	55.0	6/9/19 1:30	(27.9)	12.0	0.0	(15.9)
6/8/19 12:45	(8.5)	(16.3)	(0.1)	(13.3)	6/9/19 1:45	9.0	4.2	(0.0)	6.5
6/8/19 13:00	35.5	(72.8)	(0.1)	(37.4)	6/9/19 2:00	(28.7)	28.2	0.0	3.7
6/8/19 13:15	(14.6)	(12.3)	(0.0)	(17.7)	6/9/19 2:15	20.5	(20.3)	0.0	(7.4)
6/8/19 13:30	33.0	(6.3)	0.2	26.9	6/9/19 2:30	(15.1)	16.7	0.0	7.2
6/8/19 13:45	24.9	2.7	(0.4)	25.9	6/9/19 2:45	6.3	3.8	0.0	3.1
6/8/19 14:00	10.0	(25.7)	(0.2)	(20.7)	6/9/19 3:00	(28.1)	23.5	0.0	(7.3)
6/8/19 14:15	37.7	(25.8)	0.0	12.4	6/9/19 3:15	3.7	4.1	0.0	6.1
6/8/19 14:30	18.0	(10.7)	0.1	9.3	6/9/19 3:30	(2.8)	(2.3)	0.0	(4.8)
6/8/19 14:45	14.3	3.8	0.2	15.6	6/9/19 3:45	(21.1)	27.5	(0.0)	7.3
6/8/19 15:00	11.6	(9.2)	(0.0)	(19.6)	6/9/19 4:00	20.9	(18.4)	(0.0)	9.8
6/8/19 15:15	28.4	(2.7)	0.0	27.5	6/9/19 4:15	4.9	(19.0)	0.0	(18.1)
6/8/19 15:30	5.6	4.7	0.3	8.5	6/9/19 4:30	(13.7)	6.2	0.0	(9.7)
6/8/19 15:45	(24.4)	(10.1)	0.1	(34.3)	6/9/19 4:45	12.1	17.8	0.0	19.2
6/8/19 16:00	(16.3)	(14.9)	(0.0)	(27.3)	6/9/19 5:00	16.2	(10.6)	(0.0)	7.6
6/8/19 16:15	17.3	17.8	0.2	35.1	6/9/19 5:15	16.6	(25.9)	(0.0)	(10.4)
6/8/19 16:30	(9.4)	20.5	2.4	18.9	6/9/19 5:30	(45.4)	20.7	0.0	(34.8)
6/8/19 16:45	(23.0)	15.1	7.6	(10.6)	6/9/19 5:45	(31.3)	40.7	0.0	15.1
6/8/19 17:00	16.3	19.1	6.8	37.0	6/9/19 6:00	8.0	(7.7)	(1.2)	(6.4)
6/8/19 17:15	(4.3)	(30.8)	10.5	(25.3)	6/9/19 6:15	(8.5)	8.9	(4.4)	3.4
6/8/19 17:30	(16.7)	10.0	3.5	(8.3)	6/9/19 6:30	14.7	(5.5)	(6.9)	7.1
6/8/19 17:45	(18.3)	(54.2)	3.8	(67.9)	6/9/19 6:45	29.2	(21.5)	(9.6)	(2.3)
6/8/19 18:00	(13.3)	(24.9)	4.6	(29.7)	6/9/19 7:00	13.6	(21.8)	(8.9)	(17.7)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/9/19 7:15	8.7	(11.5)	(8.6)	(15.4)	6/9/19 20:15	36.4	9.5	1.1	46.4
6/9/19 7:30	(15.1)	4.7	(8.2)	(17.4)	6/9/19 20:30	30.6	3.9	0.1	34.7
6/9/19 7:45	27.3	(20.5)	(5.6)	(6.1)	6/9/19 20:45	11.9	9.4	(0.0)	20.2
6/9/19 8:00	22.3	(23.9)	(4.4)	(8.0)	6/9/19 21:00	15.8	2.5	0.0	17.5
6/9/19 8:15	15.3	(10.7)	(3.8)	(4.6)	6/9/19 21:15	14.5	2.4	0.0	16.9
6/9/19 8:30	27.5	(11.0)	(3.1)	13.9	6/9/19 21:30	(28.5)	(3.0)	(0.0)	(31.5)
6/9/19 8:45	7.1	(13.1)	(3.3)	(10.0)	6/9/19 21:45	(30.4)	(1.1)	0.0	(31.4)
6/9/19 9:00	8.6	7.3	(4.2)	11.6	6/9/19 22:00	(32.3)	(5.3)	(0.0)	(37.0)
6/9/19 9:15	(9.1)	13.4	(4.3)	8.0	6/9/19 22:15	(61.3)	(6.9)	0.0	(68.3)
6/9/19 9:30	20.1	(10.9)	(5.8)	(8.7)	6/9/19 22:30	(16.5)	(3.8)	(0.0)	(20.3)
6/9/19 9:45	14.7	(7.6)	(6.9)	5.0	6/9/19 22:45	(36.6)	(5.6)	0.0	(42.2)
6/9/19 10:00	(23.5)	26.8	(2.6)	4.3	6/9/19 23:00	(56.0)	(3.5)	(0.0)	(59.5)
6/9/19 10:15	12.1	7.6	(1.5)	11.7	6/9/19 23:15	(24.3)	(7.5)	(0.0)	(29.5)
6/9/19 10:30	7.7	3.4	(11.1)	(4.2)	6/9/19 23:30	(21.4)	(5.9)	(0.0)	(26.7)
6/9/19 10:45	20.7	(6.7)	(6.2)	9.6	6/9/19 23:45	12.1	(10.1)	(0.0)	(12.8)
6/9/19 11:00	7.4	(5.0)	(3.2)	2.3	6/10/19 0:00	(38.5)	(10.5)	(0.0)	(49.0)
6/9/19 11:15	(12.4)	14.5	1.1	9.1	6/10/19 0:15	(13.0)	(13.8)	(0.0)	(24.3)
6/9/19 11:30	8.7	9.5	(3.5)	9.7	6/10/19 0:30	14.4	(16.4)	0.0	(10.5)
6/9/19 11:45	9.2	9.1	(2.1)	13.7	6/10/19 0:45	(13.6)	(28.3)	(0.0)	(42.0)
6/9/19 12:00	(39.1)	21.6	2.3	(17.0)	6/10/19 1:00	(26.1)	(21.6)	0.0	(47.8)
6/9/19 12:15	(27.0)	14.5	(5.0)	(16.3)	6/10/19 1:15	12.1	(20.2)	(0.0)	(11.8)
6/9/19 12:30	8.6	4.5	(1.7)	8.3	6/10/19 1:30	(11.9)	(23.2)	0.0	(35.1)
6/9/19 12:45	(5.5)	5.8	1.0	3.7	6/10/19 1:45	(42.8)	(30.3)	0.0	(71.0)
6/9/19 13:00	(26.8)	11.9	(5.5)	(23.3)	6/10/19 2:00	22.9	(29.2)	0.0	(6.5)
6/9/19 13:15	17.3	(14.1)	(3.0)	7.7	6/10/19 2:15	6.5	(24.2)	(0.0)	(18.8)
6/9/19 13:30	27.5	(7.2)	4.5	25.8	6/10/19 2:30	(29.5)	(43.4)	(0.0)	(72.9)
6/9/19 13:45	(8.1)	25.9	(3.9)	17.6	6/10/19 2:45	16.7	(29.1)	0.0	(15.6)
6/9/19 14:00	(7.7)	25.5	3.2	27.1	6/10/19 3:00	(7.3)	(15.4)	(0.0)	(20.9)
6/9/19 14:15	7.6	21.7	(2.6)	27.8	6/10/19 3:15	(25.4)	18.2	0.0	(8.4)
6/9/19 14:30	(10.6)	16.4	2.9	17.6	6/10/19 3:30	4.8	24.1	0.0	27.4
6/9/19 14:45	16.3	27.6	7.1	46.9	6/10/19 3:45	7.4	22.5	0.0	27.7
6/9/19 15:00	4.4	27.3	19.1	50.2	6/10/19 4:00	5.0	(8.9)	0.0	(5.7)
6/9/19 15:15	37.4	(29.9)	4.5	14.5	6/10/19 4:15	5.3	(3.2)	(0.0)	3.3
6/9/19 15:30	(12.1)	20.8	4.4	18.5	6/10/19 4:30	12.4	(25.5)	0.0	(13.1)
6/9/19 15:45	39.2	(2.2)	(15.2)	23.6	6/10/19 4:45	12.8	4.3	(0.0)	14.3
6/9/19 16:00	16.6	5.8	19.5	42.0	6/10/19 5:00	26.2	(17.5)	(0.0)	8.8
6/9/19 16:15	(10.6)	26.9	(6.6)	16.4	6/10/19 5:15	19.1	(20.4)	(0.0)	(1.9)
6/9/19 16:30	35.4	33.1	(4.6)	65.6	6/10/19 5:30	9.7	(9.0)	0.0	1.7
6/9/19 16:45	21.5	17.0	15.3	51.3	6/10/19 5:45	(6.0)	(54.6)	(0.6)	(57.2)
6/9/19 17:00	(13.6)	41.7	24.3	55.1	6/10/19 6:00	21.4	(13.4)	(3.8)	10.3
6/9/19 17:15	43.6	10.9	(8.1)	46.8	6/10/19 6:15	50.3	(8.1)	(13.0)	30.5
6/9/19 17:30	25.7	13.7	(3.0)	39.0	6/10/19 6:30	11.4	12.1	(12.7)	14.9
6/9/19 17:45	(8.4)	29.2	(5.1)	23.2	6/10/19 6:45	25.7	(17.6)	(24.4)	(30.6)
6/9/19 18:00	34.1	13.1	(13.0)	37.3	6/10/19 7:00	34.9	(29.1)	(23.5)	(21.5)
6/9/19 18:15	15.4	29.3	26.3	71.1	6/10/19 7:15	45.1	(59.2)	(16.7)	(33.4)
6/9/19 18:30	(18.5)	13.1	12.1	7.8	6/10/19 7:30	14.9	(44.8)	(17.1)	(51.8)
6/9/19 18:45	21.8	22.8	15.5	57.5	6/10/19 7:45	17.7	(49.0)	(12.5)	(43.8)
6/9/19 19:00	(4.6)	16.9	12.4	25.6	6/10/19 8:00	9.1	17.7	(5.3)	18.3
6/9/19 19:15	(35.1)	23.5	7.5	(6.8)	6/10/19 8:15	22.4	(15.5)	(2.4)	6.0
6/9/19 19:30	5.7	20.5	4.6	29.0	6/10/19 8:30	12.9	(20.0)	(2.8)	(13.2)
6/9/19 19:45	(9.1)	16.6	4.0	11.5	6/10/19 8:45	16.1	(18.0)	(1.3)	(15.7)
6/9/19 20:00	(14.2)	13.3	2.2	5.1	6/10/19 9:00	(27.9)	(28.9)	(0.9)	(55.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/10/19 9:15	19.9	(44.4)	(0.6)	(27.9)	6/10/19 22:15	(40.4)	46.4	0.0	6.6
6/10/19 9:30	10.2	(18.7)	20.3	29.2	6/10/19 22:30	(62.6)	43.2	0.0	(19.4)
6/10/19 9:45	38.4	9.3	(18.0)	40.3	6/10/19 22:45	(57.7)	34.9	(0.0)	(27.9)
6/10/19 10:00	19.1	6.8	(12.0)	13.8	6/10/19 23:00	(32.6)	28.5	(0.0)	(10.0)
6/10/19 10:15	(15.3)	1.9	(0.3)	(16.7)	6/10/19 23:15	(34.7)	29.9	0.0	(6.5)
6/10/19 10:30	19.9	(2.1)	(0.1)	18.7	6/10/19 23:30	(67.4)	24.5	(0.0)	(42.9)
6/10/19 10:45	25.0	(20.7)	(0.2)	7.9	6/10/19 23:45	16.0	29.7	0.0	44.7
6/10/19 11:00	(14.7)	(16.9)	(0.1)	(30.9)	6/11/19 0:00	(27.9)	28.0	(0.0)	7.3
6/10/19 11:15	(12.0)	(14.1)	1.9	(18.2)	6/11/19 0:15	(64.4)	14.8	(0.0)	(49.5)
6/10/19 11:30	6.4	(2.8)	(1.8)	2.1	6/11/19 0:30	25.7	20.0	(0.0)	39.1
6/10/19 11:45	23.6	(2.5)	0.6	22.4	6/11/19 0:45	22.4	16.3	(0.0)	32.8
6/10/19 12:00	(13.9)	8.8	(0.3)	11.9	6/11/19 1:00	(25.4)	13.6	0.0	(11.7)
6/10/19 12:15	30.1	3.8	2.5	36.4	6/11/19 1:15	(26.5)	12.3	(0.0)	(17.4)
6/10/19 12:30	20.7	1.8	3.1	24.7	6/11/19 1:30	7.5	26.3	0.0	32.5
6/10/19 12:45	(12.2)	(7.1)	(1.9)	(17.4)	6/11/19 1:45	(18.9)	11.7	(0.0)	(13.3)
6/10/19 13:00	17.0	(3.7)	1.5	14.7	6/11/19 2:00	(34.2)	6.9	0.0	(30.6)
6/10/19 13:15	4.7	(5.3)	2.7	(3.2)	6/11/19 2:15	(18.1)	14.5	(0.0)	15.9
6/10/19 13:30	(11.6)	4.5	0.9	(11.2)	6/11/19 2:30	24.7	13.2	0.0	34.1
6/10/19 13:45	33.2	7.9	0.9	41.3	6/11/19 2:45	(29.5)	36.2	0.0	16.7
6/10/19 14:00	19.5	(2.8)	(2.4)	17.7	6/11/19 3:00	16.9	2.9	0.0	15.9
6/10/19 14:15	(8.7)	5.6	(2.7)	5.0	6/11/19 3:15	5.2	14.9	0.0	19.1
6/10/19 14:30	38.1	11.1	5.3	54.5	6/11/19 3:30	(20.8)	22.4	0.0	15.0
6/10/19 14:45	28.6	(47.1)	1.4	(18.1)	6/11/19 3:45	(14.9)	(7.4)	0.0	(14.3)
6/10/19 15:00	(13.4)	9.7	(3.4)	14.4	6/11/19 4:00	10.6	(26.8)	0.0	(17.9)
6/10/19 15:15	35.9	(27.3)	(3.5)	8.4	6/11/19 4:15	11.7	(14.3)	(0.0)	(9.2)
6/10/19 15:30	12.7	(20.6)	4.3	(14.7)	6/11/19 4:30	13.1	(5.1)	0.0	9.6
6/10/19 15:45	(22.3)	3.2	28.8	11.6	6/11/19 4:45	23.1	(9.4)	(0.0)	13.6
6/10/19 16:00	45.5	7.8	10.8	60.8	6/11/19 5:00	13.1	(23.1)	0.0	(16.1)
6/10/19 16:15	17.7	6.4	(27.1)	(4.8)	6/11/19 5:15	18.3	(45.0)	(0.0)	(32.3)
6/10/19 16:30	8.6	5.7	10.5	11.6	6/11/19 5:30	28.8	(58.7)	0.0	(29.8)
6/10/19 16:45	23.0	(1.8)	(11.8)	14.3	6/11/19 5:45	13.9	(33.6)	(0.2)	(24.9)
6/10/19 17:00	44.0	1.0	24.0	68.2	6/11/19 6:00	(17.5)	(15.1)	(2.5)	(29.8)
6/10/19 17:15	26.8	0.8	15.4	42.9	6/11/19 6:15	44.8	(31.0)	(6.1)	10.7
6/10/19 17:30	(19.5)	1.2	4.8	(16.1)	6/11/19 6:30	23.2	(24.4)	(6.8)	(8.0)
6/10/19 17:45	26.4	4.3	34.2	63.9	6/11/19 6:45	22.6	(10.8)	(12.9)	(5.2)
6/10/19 18:00	25.2	4.5	2.2	30.9	6/11/19 7:00	40.3	17.0	(22.8)	34.5
6/10/19 18:15	(13.1)	3.2	(17.1)	(27.6)	6/11/19 7:15	47.8	23.6	(25.3)	46.1
6/10/19 18:30	(25.9)	3.7	(25.8)	(45.6)	6/11/19 7:30	22.2	14.9	(25.0)	12.1
6/10/19 18:45	12.1	(3.2)	6.2	11.7	6/11/19 7:45	23.6	32.2	(9.8)	46.0
6/10/19 19:00	7.6	(0.9)	19.7	21.8	6/11/19 8:00	21.1	34.7	(5.3)	50.5
6/10/19 19:15	(54.9)	3.6	24.6	(31.9)	6/11/19 8:15	14.7	28.4	(12.6)	28.9
6/10/19 19:30	18.6	9.0	21.7	45.9	6/11/19 8:30	(3.3)	42.2	3.3	43.5
6/10/19 19:45	(16.3)	(5.5)	12.0	(9.7)	6/11/19 8:45	(30.2)	10.7	(5.9)	(30.5)
6/10/19 20:00	(55.7)	(5.9)	5.8	(55.8)	6/11/19 9:00	(10.5)	(36.1)	(2.1)	(40.2)
6/10/19 20:15	(21.8)	(14.7)	1.9	(31.8)	6/11/19 9:15	21.2	(101.2)	4.4	(75.8)
6/10/19 20:30	24.7	(2.4)	0.3	23.7	6/11/19 9:30	15.1	(62.8)	(4.3)	(52.0)
6/10/19 20:45	(9.6)	3.8	0.0	9.4	6/11/19 9:45	22.9	(11.7)	(1.9)	10.7
6/10/19 21:00	(6.5)	4.9	(0.0)	6.1	6/11/19 10:00	12.6	3.9	(2.6)	12.6
6/10/19 21:15	(16.0)	3.7	0.0	(12.6)	6/11/19 10:15	9.0	6.0	(0.3)	13.6
6/10/19 21:30	(42.8)	14.6	0.0	(28.2)	6/11/19 10:30	14.6	(8.4)	0.5	16.1
6/10/19 21:45	(52.0)	32.1	0.0	(24.2)	6/11/19 10:45	30.8	(37.9)	(0.2)	(7.1)
6/10/19 22:00	(35.1)	39.6	(0.0)	8.0	6/11/19 11:00	11.5	(98.3)	0.6	(88.1)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/11/19 11:15	33.5	(37.2)	(0.9)	(9.9)	6/12/19 0:15	(20.5)	16.7	(0.0)	(9.0)
6/11/19 11:30	10.2	27.3	(0.3)	32.3	6/12/19 0:30	8.9	(6.2)	(0.0)	(12.2)
6/11/19 11:45	(22.9)	11.2	0.4	(14.3)	6/12/19 0:45	(11.0)	(27.9)	(0.0)	(34.7)
6/11/19 12:00	23.7	(12.4)	(0.4)	11.5	6/12/19 1:00	5.8	(35.2)	(0.0)	(35.3)
6/11/19 12:15	7.3	5.5	0.8	13.4	6/12/19 1:15	(7.8)	(7.1)	0.0	(11.5)
6/11/19 12:30	20.6	18.8	(0.6)	38.7	6/12/19 1:30	15.0	(34.9)	(0.0)	(23.0)
6/11/19 12:45	17.3	8.4	(0.6)	21.0	6/12/19 1:45	(11.5)	(14.8)	(0.0)	(24.9)
6/11/19 13:00	(6.2)	35.7	2.8	38.3	6/12/19 2:00	(41.1)	(19.8)	0.0	(60.9)
6/11/19 13:15	25.0	35.6	(2.3)	57.2	6/12/19 2:15	11.3	(23.8)	(0.0)	(25.7)
6/11/19 13:30	(13.3)	11.9	0.5	10.4	6/12/19 2:30	8.9	(10.6)	0.0	(15.8)
6/11/19 13:45	26.3	24.3	0.7	46.2	6/12/19 2:45	(7.0)	(25.0)	0.0	(30.5)
6/11/19 14:00	19.1	9.7	(0.5)	26.3	6/12/19 3:00	(12.0)	(17.7)	0.0	(27.0)
6/11/19 14:15	(12.7)	15.5	0.5	18.2	6/12/19 3:15	11.2	43.2	(0.0)	49.9
6/11/19 14:30	21.6	20.4	0.5	42.3	6/12/19 3:30	(3.4)	24.1	0.0	20.7
6/11/19 14:45	19.5	3.4	0.3	21.6	6/12/19 3:45	(16.6)	(8.7)	0.0	(25.0)
6/11/19 15:00	(7.1)	(6.3)	0.6	(10.1)	6/12/19 4:00	21.5	(43.3)	(0.0)	(27.4)
6/11/19 15:15	18.8	(8.6)	(0.2)	11.3	6/12/19 4:15	18.2	(50.5)	0.0	(32.3)
6/11/19 15:30	10.3	(19.0)	0.2	(9.7)	6/12/19 4:30	(10.8)	(41.4)	0.0	(36.6)
6/11/19 15:45	(20.9)	(10.3)	(0.1)	(31.3)	6/12/19 4:45	14.9	60.3	0.0	70.4
6/11/19 16:00	10.6	(30.1)	1.2	(21.5)	6/12/19 5:00	19.1	(19.9)	(0.0)	(7.6)
6/11/19 16:15	9.6	(13.4)	0.8	(4.6)	6/12/19 5:15	10.7	3.9	(0.0)	8.9
6/11/19 16:30	3.6	(50.9)	8.2	(39.9)	6/12/19 5:30	10.6	(6.4)	(0.0)	(10.5)
6/11/19 16:45	4.5	(33.5)	2.9	(28.8)	6/12/19 5:45	34.8	(29.6)	(0.6)	32.2
6/11/19 17:00	10.9	(39.4)	(4.8)	(36.6)	6/12/19 6:00	11.6	(42.0)	(2.8)	(34.1)
6/11/19 17:15	10.2	(9.5)	3.0	(9.6)	6/12/19 6:15	(35.9)	93.7	(8.2)	53.5
6/11/19 17:30	4.4	(11.2)	7.9	5.1	6/12/19 6:30	33.6	63.0	(11.5)	84.9
6/11/19 17:45	(18.8)	(10.9)	20.2	(14.8)	6/12/19 6:45	31.1	55.1	(15.1)	71.1
6/11/19 18:00	15.2	(46.3)	22.4	(28.9)	6/12/19 7:00	(8.4)	56.9	(12.7)	42.8
6/11/19 18:15	(27.6)	(86.3)	(12.3)	(122.5)	6/12/19 7:15	62.3	69.6	(11.3)	120.6
6/11/19 18:30	(47.5)	(53.6)	8.1	(93.0)	6/12/19 7:30	18.6	25.2	(9.3)	34.5
6/11/19 18:45	14.4	(3.1)	26.9	36.9	6/12/19 7:45	(12.8)	11.2	(12.7)	(17.8)
6/11/19 19:00	(13.9)	9.1	9.4	6.2	6/12/19 8:00	24.4	(27.1)	(21.8)	(33.6)
6/11/19 19:15	(42.1)	3.2	12.5	(30.0)	6/12/19 8:15	27.5	(11.4)	(25.8)	(10.8)
6/11/19 19:30	22.6	23.5	9.2	46.1	6/12/19 8:30	(7.5)	2.1	(2.7)	(9.6)
6/11/19 19:45	(14.9)	27.6	11.5	31.7	6/12/19 8:45	(21.5)	(16.2)	(1.2)	(33.1)
6/11/19 20:00	(18.7)	99.2	4.7	85.3	6/12/19 9:00	29.7	(27.9)	(1.1)	(8.8)
6/11/19 20:15	(25.8)	46.6	2.2	27.8	6/12/19 9:15	11.0	(31.7)	(0.5)	(22.5)
6/11/19 20:30	21.7	(24.3)	0.3	9.9	6/12/19 9:30	7.8	(14.5)	(0.3)	(7.9)
6/11/19 20:45	8.5	21.0	0.0	27.6	6/12/19 9:45	53.7	15.1	(0.1)	68.4
6/11/19 21:00	(41.2)	(13.1)	0.0	(53.4)	6/12/19 10:00	26.6	15.5	(0.1)	40.3
6/11/19 21:15	9.7	(5.2)	0.0	8.9	6/12/19 10:15	(11.8)	16.2	0.1	18.2
6/11/19 21:30	(22.9)	13.9	0.0	(21.8)	6/12/19 10:30	23.4	12.8	0.1	36.2
6/11/19 21:45	(33.0)	84.3	(0.0)	51.2	6/12/19 10:45	12.5	9.5	(0.1)	22.0
6/11/19 22:00	(79.5)	(7.2)	(0.0)	(81.1)	6/12/19 11:00	(26.1)	23.8	(0.0)	(2.5)
6/11/19 22:15	(37.5)	40.4	(0.0)	12.2	6/12/19 11:15	10.7	20.0	(0.2)	30.1
6/11/19 22:30	(46.3)	48.4	0.0	11.0	6/12/19 11:30	15.8	9.8	0.2	25.8
6/11/19 22:45	(40.1)	(20.8)	0.0	(60.9)	6/12/19 11:45	(7.3)	(1.4)	0.4	(8.1)
6/11/19 23:00	(45.7)	(17.3)	(0.0)	(63.0)	6/12/19 12:00	31.1	13.2	1.9	45.9
6/11/19 23:15	(48.2)	(15.6)	0.0	(60.1)	6/12/19 12:15	9.5	26.7	(1.6)	34.0
6/11/19 23:30	(34.7)	59.5	(0.0)	26.0	6/12/19 12:30	(5.9)	23.7	0.7	23.7
6/11/19 23:45	11.3	68.5	0.0	77.0	6/12/19 12:45	(14.2)	34.2	3.9	33.0
6/12/19 0:00	(28.4)	73.8	(0.0)	45.3	6/12/19 13:00	21.6	25.8	(2.9)	45.8

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/12/19 13:15	4.5	22.9	(1.3)	23.8	6/13/19 2:15	(19.8)	22.0	0.0	11.2
6/12/19 13:30	(18.2)	36.3	1.7	20.0	6/13/19 2:30	5.1	(0.5)	0.0	5.1
6/12/19 13:45	22.2	36.5	5.1	53.0	6/13/19 2:45	(14.9)	(2.1)	0.0	(15.9)
6/12/19 14:00	27.1	21.9	(4.2)	45.5	6/13/19 3:00	(22.1)	17.9	0.0	23.9
6/12/19 14:15	24.5	10.6	(1.8)	32.7	6/13/19 3:15	14.6	37.3	(0.0)	47.2
6/12/19 14:30	10.4	25.1	1.1	35.0	6/13/19 3:30	5.4	2.5	0.0	6.4
6/12/19 14:45	40.4	10.7	1.6	52.7	6/13/19 3:45	(18.1)	13.8	(0.0)	(8.0)
6/12/19 15:00	20.8	13.5	0.8	35.0	6/13/19 4:00	19.7	(15.0)	0.0	6.7
6/12/19 15:15	(14.1)	7.4	14.8	16.2	6/13/19 4:15	13.3	(36.5)	(0.0)	(23.5)
6/12/19 15:30	25.1	2.6	10.4	38.1	6/13/19 4:30	(24.7)	17.7	0.0	(11.7)
6/12/19 15:45	27.6	5.1	(9.1)	25.6	6/13/19 4:45	41.2	(6.1)	0.0	35.6
6/12/19 16:00	28.6	18.0	(15.7)	30.9	6/13/19 5:00	24.7	(7.7)	0.0	19.4
6/12/19 16:15	(17.6)	11.6	7.5	6.3	6/13/19 5:15	(10.8)	(63.2)	(0.0)	(67.8)
6/12/19 16:30	25.6	8.0	11.7	45.2	6/13/19 5:30	30.2	(11.2)	0.0	25.4
6/12/19 16:45	17.2	2.1	12.8	32.2	6/13/19 5:45	17.6	9.8	(0.5)	21.6
6/12/19 17:00	(24.3)	2.9	13.5	(11.1)	6/13/19 6:00	(4.8)	14.3	(3.7)	9.6
6/12/19 17:15	10.7	4.5	(2.8)	14.3	6/13/19 6:15	24.3	3.5	(8.8)	15.4
6/12/19 17:30	21.9	1.3	(7.7)	16.3	6/13/19 6:30	40.9	7.4	(18.6)	29.6
6/12/19 17:45	(15.8)	(1.1)	11.1	(10.0)	6/13/19 6:45	24.5	18.8	(18.4)	23.6
6/12/19 18:00	13.2	(5.0)	28.5	30.8	6/13/19 7:00	24.7	(5.1)	(19.2)	(9.7)
6/12/19 18:15	(17.8)	(6.1)	15.7	(8.2)	6/13/19 7:15	42.4	(71.5)	(21.3)	(58.7)
6/12/19 18:30	(17.3)	(7.2)	(6.0)	(28.6)	6/13/19 7:30	20.3	36.7	(15.1)	35.8
6/12/19 18:45	13.4	(8.4)	(6.3)	(5.5)	6/13/19 7:45	35.6	88.5	(11.3)	111.2
6/12/19 19:00	(3.8)	(10.8)	15.5	4.0	6/13/19 8:00	37.4	86.2	(3.5)	120.0
6/12/19 19:15	(27.3)	3.4	14.1	(15.6)	6/13/19 8:15	26.2	59.2	(6.0)	75.1
6/12/19 19:30	(10.2)	(13.5)	8.2	(14.0)	6/13/19 8:30	35.2	45.2	(1.5)	78.8
6/12/19 19:45	(11.4)	(15.0)	2.5	(23.9)	6/13/19 8:45	(35.2)	29.6	0.2	12.8
6/12/19 20:00	(44.8)	(25.0)	4.4	(65.4)	6/13/19 9:00	13.1	55.4	0.8	56.9
6/12/19 20:15	(13.0)	(22.2)	1.7	(30.3)	6/13/19 9:15	25.8	48.1	(1.3)	70.9
6/12/19 20:30	21.4	(27.4)	0.1	(10.4)	6/13/19 9:30	20.9	35.1	(0.9)	55.2
6/12/19 20:45	9.5	(34.4)	0.1	(24.8)	6/13/19 9:45	23.0	17.7	0.6	40.5
6/12/19 21:00	(26.2)	(42.6)	(0.0)	(68.8)	6/13/19 10:00	8.5	1.3	(1.9)	8.6
6/12/19 21:15	(9.4)	(40.6)	(0.0)	(48.2)	6/13/19 10:15	36.0	16.2	(0.8)	51.3
6/12/19 21:30	(15.7)	(36.6)	(0.1)	(48.0)	6/13/19 10:30	33.8	14.4	(0.2)	48.1
6/12/19 21:45	(51.5)	(55.2)	0.1	(106.7)	6/13/19 10:45	8.0	18.0	(0.5)	25.8
6/12/19 22:00	(38.9)	(100.8)	0.0	(139.7)	6/13/19 11:00	(5.9)	17.7	3.1	21.6
6/12/19 22:15	(50.7)	(133.9)	0.0	(184.6)	6/13/19 11:15	11.1	15.8	6.2	28.2
6/12/19 22:30	(50.6)	(32.0)	(0.0)	(81.8)	6/13/19 11:30	45.5	14.2	(1.3)	58.4
6/12/19 22:45	(47.0)	(26.0)	0.0	(68.8)	6/13/19 11:45	(11.5)	11.2	(9.1)	(11.5)
6/12/19 23:00	(21.8)	(31.9)	(0.0)	(51.6)	6/13/19 12:00	38.7	1.4	0.8	39.3
6/12/19 23:15	(15.4)	(43.0)	(0.0)	(58.4)	6/13/19 12:15	(25.9)	(2.3)	(0.5)	(28.0)
6/12/19 23:30	13.4	(59.2)	0.0	(54.4)	6/13/19 12:30	15.1	1.6	0.6	16.6
6/12/19 23:45	(40.6)	(56.2)	0.0	(96.5)	6/13/19 12:45	13.2	6.0	0.8	19.8
6/13/19 0:00	(19.0)	(14.3)	(0.0)	(28.6)	6/13/19 13:00	8.6	6.7	6.9	22.2
6/13/19 0:15	(50.0)	122.3	(0.0)	72.3	6/13/19 13:15	22.2	2.9	14.5	39.3
6/13/19 0:30	(7.3)	38.1	(0.0)	33.9	6/13/19 13:30	25.3	1.0	15.2	40.6
6/13/19 0:45	(44.5)	22.9	(0.0)	(27.1)	6/13/19 13:45	19.3	6.0	12.5	37.7
6/13/19 1:00	(19.6)	15.5	0.0	(18.9)	6/13/19 14:00	34.3	4.5	(10.0)	28.8
6/13/19 1:15	(7.3)	42.7	(0.0)	41.1	6/13/19 14:15	16.3	0.9	9.4	25.5
6/13/19 1:30	(12.3)	11.9	(0.0)	6.2	6/13/19 14:30	41.3	4.1	6.1	51.4
6/13/19 1:45	(13.0)	(8.7)	(0.0)	(20.5)	6/13/19 14:45	42.5	(3.0)	1.5	41.2
6/13/19 2:00	(16.4)	12.8	(0.0)	(3.9)	6/13/19 15:00	36.9	(6.6)	(2.1)	28.2

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/13/19 15:15	9.5	(11.7)	(6.7)	(9.1)	6/14/19 4:15	16.9	(29.8)	0.0	(13.0)
6/13/19 15:30	4.9	(7.6)	(21.4)	(26.1)	6/14/19 4:30	(12.8)	(7.3)	0.0	(19.0)
6/13/19 15:45	20.8	(13.1)	10.1	16.5	6/14/19 4:45	21.0	7.4	0.0	28.4
6/13/19 16:00	18.5	(26.4)	28.3	17.8	6/14/19 5:00	18.2	13.8	0.0	32.0
6/13/19 16:15	(9.2)	(5.8)	29.0	16.1	6/14/19 5:15	5.9	(9.1)	(0.0)	(13.8)
6/13/19 16:30	(51.0)	(45.3)	15.2	(81.2)	6/14/19 5:30	14.1	(60.8)	0.0	(52.5)
6/13/19 16:45	14.7	(67.4)	(3.2)	(56.4)	6/14/19 5:45	16.1	(33.4)	(0.3)	(17.5)
6/13/19 17:00	(9.5)	(67.5)	(21.2)	(98.2)	6/14/19 6:00	21.9	(38.8)	(3.8)	(22.5)
6/13/19 17:15	(35.4)	(26.4)	(3.9)	(63.0)	6/14/19 6:15	60.1	30.7	(9.8)	80.2
6/13/19 17:30	(20.5)	(4.9)	(9.1)	(26.2)	6/14/19 6:30	12.7	47.5	(16.5)	41.3
6/13/19 17:45	1.9	(26.1)	(0.7)	(26.2)	6/14/19 6:45	15.4	(6.9)	(17.9)	(9.1)
6/13/19 18:00	(28.9)	8.9	(17.8)	(41.3)	6/14/19 7:00	50.9	10.9	(5.5)	52.4
6/13/19 18:15	(35.8)	39.1	(27.4)	(38.8)	6/14/19 7:15	46.4	46.1	(22.0)	70.5
6/13/19 18:30	(14.5)	(104.1)	27.6	(86.2)	6/14/19 7:30	16.2	31.3	(13.7)	32.7
6/13/19 18:45	(22.7)	(90.6)	18.2	(95.0)	6/14/19 7:45	12.6	30.3	24.3	63.0
6/13/19 19:00	(39.1)	(71.2)	20.4	(87.0)	6/14/19 8:00	64.7	46.6	(34.1)	77.9
6/13/19 19:15	27.6	(122.9)	10.7	(85.1)	6/14/19 8:15	52.6	62.4	7.7	115.5
6/13/19 19:30	(7.9)	(28.3)	8.0	(22.2)	6/14/19 8:30	(16.0)	24.3	(14.3)	(14.6)
6/13/19 19:45	(44.2)	(44.8)	8.2	(74.1)	6/14/19 8:45	17.8	17.6	(5.7)	28.8
6/13/19 20:00	23.1	(29.4)	5.3	35.7	6/14/19 9:00	3.9	13.3	6.8	19.5
6/13/19 20:15	(3.4)	81.0	1.9	81.1	6/14/19 9:15	(37.2)	(6.9)	(3.6)	(47.4)
6/13/19 20:30	(13.9)	168.5	0.5	157.0	6/14/19 9:30	(17.3)	(41.2)	8.6	(33.4)
6/13/19 20:45	(14.5)	147.6	(0.0)	136.8	6/14/19 9:45	28.7	(52.9)	5.0	(19.5)
6/13/19 21:00	29.4	60.6	(0.0)	89.9	6/14/19 10:00	(9.4)	(52.5)	(20.4)	(75.5)
6/13/19 21:15	(33.4)	5.1	(0.0)	(30.0)	6/14/19 10:15	39.3	(12.8)	(9.9)	26.1
6/13/19 21:30	(33.4)	48.6	(0.0)	15.1	6/14/19 10:30	13.9	(5.5)	(0.7)	10.4
6/13/19 21:45	(52.9)	68.3	0.0	16.4	6/14/19 10:45	13.2	18.4	(1.9)	17.9
6/13/19 22:00	(30.0)	35.8	0.0	24.4	6/14/19 11:00	45.8	5.5	1.8	53.1
6/13/19 22:15	(43.5)	(25.3)	0.0	(68.8)	6/14/19 11:15	24.1	14.7	4.7	43.5
6/13/19 22:30	(75.8)	11.7	(0.0)	(66.3)	6/14/19 11:30	(12.6)	(3.0)	6.3	(8.6)
6/13/19 22:45	(40.7)	(127.0)	0.0	(167.7)	6/14/19 11:45	16.3	3.6	(8.2)	11.1
6/13/19 23:00	(53.8)	(13.4)	(0.0)	(53.8)	6/14/19 12:00	40.9	(19.2)	1.7	23.4
6/13/19 23:15	(62.5)	8.2	0.0	(61.9)	6/14/19 12:15	31.3	(15.6)	(1.6)	14.0
6/13/19 23:30	(42.6)	(36.8)	(0.0)	(79.4)	6/14/19 12:30	21.2	(10.1)	1.2	12.3
6/13/19 23:45	(6.0)	(13.6)	0.0	(14.6)	6/14/19 12:45	5.8	(32.9)	2.5	(28.1)
6/14/19 0:00	(18.7)	37.4	(0.0)	19.9	6/14/19 13:00	39.3	(31.9)	12.3	28.6
6/14/19 0:15	(38.7)	27.0	(0.0)	(22.9)	6/14/19 13:15	22.0	14.5	(7.7)	33.4
6/14/19 0:30	(19.1)	9.3	(0.0)	17.6	6/14/19 13:30	38.8	19.7	13.4	71.9
6/14/19 0:45	8.9	(2.7)	(0.0)	10.4	6/14/19 13:45	12.7	16.6	16.9	42.1
6/14/19 1:00	(18.9)	(5.4)	0.0	(24.3)	6/14/19 14:00	33.5	(30.6)	11.6	21.4
6/14/19 1:15	(49.8)	(21.1)	(0.0)	(71.0)	6/14/19 14:15	(6.1)	(16.1)	3.5	(14.5)
6/14/19 1:30	57.5	(46.9)	(0.0)	13.1	6/14/19 14:30	(27.6)	(5.1)	3.4	(24.7)
6/14/19 1:45	(6.4)	(3.5)	(0.0)	(9.9)	6/14/19 14:45	12.4	18.9	13.9	41.8
6/14/19 2:00	(24.9)	(1.6)	0.0	(26.3)	6/14/19 15:00	(13.9)	13.5	(3.0)	21.4
6/14/19 2:15	26.8	17.6	(0.0)	44.4	6/14/19 15:15	(30.8)	13.9	(12.2)	(40.5)
6/14/19 2:30	5.0	(4.9)	0.0	(3.9)	6/14/19 15:30	(27.6)	(58.5)	7.6	(77.5)
6/14/19 2:45	(15.6)	15.5	0.0	18.4	6/14/19 15:45	(13.4)	106.4	5.8	104.6
6/14/19 3:00	(78.3)	60.4	0.0	(17.9)	6/14/19 16:00	14.3	54.5	5.2	65.5
6/14/19 3:15	27.0	(55.2)	(0.0)	(30.5)	6/14/19 16:15	(51.1)	35.8	(2.1)	(28.5)
6/14/19 3:30	(16.6)	(30.0)	0.0	(46.6)	6/14/19 16:30	24.5	38.1	4.3	66.0
6/14/19 3:45	(14.2)	(13.6)	0.0	(27.7)	6/14/19 16:45	(5.4)	(35.9)	3.4	(37.9)
6/14/19 4:00	28.3	(7.1)	0.0	21.9	6/14/19 17:00	4.8	65.7	(7.7)	60.5

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/14/19 17:15	(13.6)	(77.5)	(12.5)	(92.5)	6/15/19 6:15	9.2	(20.8)	(11.7)	(26.9)
6/14/19 17:30	14.9	(75.4)	7.1	(67.8)	6/15/19 6:30	(47.5)	20.1	(15.9)	(46.3)
6/14/19 17:45	(30.4)	(129.4)	25.1	(135.1)	6/15/19 6:45	35.0	16.1	(19.5)	31.6
6/14/19 18:00	(14.1)	(149.3)	(10.6)	(165.1)	6/15/19 7:00	39.5	17.2	(19.3)	31.7
6/14/19 18:15	(9.7)	(101.1)	4.9	(109.7)	6/15/19 7:15	6.3	13.8	(19.1)	(14.1)
6/14/19 18:30	(8.4)	(69.2)	(14.1)	(89.6)	6/15/19 7:30	23.4	8.1	(16.2)	9.4
6/14/19 18:45	(75.1)	(80.3)	19.8	(138.9)	6/15/19 7:45	41.2	(36.3)	(9.7)	(5.9)
6/14/19 19:00	10.5	(89.0)	8.6	(79.0)	6/15/19 8:00	14.3	(28.6)	(0.9)	(18.4)
6/14/19 19:15	(19.6)	62.2	7.8	54.5	6/15/19 8:15	25.9	(5.4)	(9.9)	12.4
6/14/19 19:30	(28.9)	185.7	11.4	168.9	6/15/19 8:30	47.2	(35.9)	(3.4)	7.9
6/14/19 19:45	(11.9)	174.0	4.1	166.2	6/15/19 8:45	17.9	(8.4)	(0.5)	9.6
6/14/19 20:00	(14.5)	29.0	2.7	21.4	6/15/19 9:00	39.2	35.4	(3.0)	71.1
6/14/19 20:15	(30.2)	(159.0)	2.1	(186.7)	6/15/19 9:15	15.0	13.8	0.6	29.0
6/14/19 20:30	36.4	(139.4)	0.4	(102.6)	6/15/19 9:30	23.8	17.6	(1.1)	40.7
6/14/19 20:45	44.9	(128.2)	0.1	(83.2)	6/15/19 9:45	15.7	31.9	(1.6)	45.5
6/14/19 21:00	(35.8)	(38.8)	(0.0)	(51.2)	6/15/19 10:00	24.8	(3.6)	2.4	27.5
6/14/19 21:15	(23.0)	(24.6)	0.0	(33.5)	6/15/19 10:15	21.3	42.2	(3.1)	56.2
6/14/19 21:30	(30.0)	14.2	0.0	(20.6)	6/15/19 10:30	(12.3)	(5.2)	(1.1)	(13.6)
6/14/19 21:45	(42.5)	22.0	0.0	(20.5)	6/15/19 10:45	26.3	6.2	3.5	34.0
6/14/19 22:00	(28.4)	(18.8)	0.0	(41.7)	6/15/19 11:00	12.1	16.3	(4.1)	24.2
6/14/19 22:15	(14.1)	(23.2)	(0.0)	(28.0)	6/15/19 11:15	(33.8)	33.0	1.9	5.0
6/14/19 22:30	(14.4)	49.9	(0.0)	43.1	6/15/19 11:30	(8.5)	21.8	2.2	22.3
6/14/19 22:45	(56.4)	82.5	0.0	26.1	6/15/19 11:45	27.9	10.1	2.2	39.7
6/14/19 23:00	(25.1)	13.4	(0.0)	(27.5)	6/15/19 12:00	27.5	4.6	(1.2)	30.2
6/14/19 23:15	4.9	59.6	0.0	60.9	6/15/19 12:15	12.6	16.9	14.5	43.4
6/14/19 23:30	(28.9)	91.5	(0.0)	65.8	6/15/19 12:30	16.3	14.4	8.8	34.3
6/14/19 23:45	(14.9)	(13.5)	0.0	(28.0)	6/15/19 12:45	18.3	12.2	2.2	31.5
6/15/19 0:00	(34.7)	49.7	(0.0)	15.0	6/15/19 13:00	8.0	(2.7)	3.8	5.0
6/15/19 0:15	(49.3)	76.5	0.0	27.2	6/15/19 13:15	13.2	9.5	18.3	36.3
6/15/19 0:30	(15.3)	35.6	0.0	20.9	6/15/19 13:30	26.8	26.2	(3.6)	52.5
6/15/19 0:45	(24.1)	(9.7)	0.0	(29.8)	6/15/19 13:45	16.4	25.3	2.8	42.7
6/15/19 1:00	(36.9)	11.2	(0.0)	(35.2)	6/15/19 14:00	9.2	37.4	7.1	44.3
6/15/19 1:15	18.3	20.9	0.0	36.5	6/15/19 14:15	12.3	17.5	7.3	36.9
6/15/19 1:30	(18.1)	(5.0)	(0.0)	(20.7)	6/15/19 14:30	9.8	16.7	17.0	41.5
6/15/19 1:45	(37.7)	(8.6)	(0.0)	(46.0)	6/15/19 14:45	(23.0)	16.0	12.6	4.8
6/15/19 2:00	(10.6)	(42.0)	0.0	(43.2)	6/15/19 15:00	6.3	6.6	6.0	13.5
6/15/19 2:15	(6.1)	(14.0)	(0.0)	(17.5)	6/15/19 15:15	12.4	6.0	8.1	24.6
6/15/19 2:30	(24.4)	(7.1)	(0.0)	(29.5)	6/15/19 15:30	(16.1)	18.4	7.9	18.1
6/15/19 2:45	11.8	9.1	0.0	17.2	6/15/19 15:45	(34.0)	(17.1)	4.2	(44.9)
6/15/19 3:00	(6.0)	(12.8)	(0.0)	(18.8)	6/15/19 16:00	9.7	(34.5)	3.4	(23.1)
6/15/19 3:15	(37.9)	(1.0)	(0.0)	(38.1)	6/15/19 16:15	29.8	(23.0)	(14.8)	(15.7)
6/15/19 3:30	8.9	(12.7)	0.0	(13.1)	6/15/19 16:30	15.5	(10.9)	6.4	13.0
6/15/19 3:45	9.0	(42.0)	0.0	(33.6)	6/15/19 16:45	16.5	(39.5)	4.5	(18.5)
6/15/19 4:00	(20.4)	(20.6)	(0.0)	(36.5)	6/15/19 17:00	(20.8)	(54.4)	7.9	(67.3)
6/15/19 4:15	18.3	(14.8)	0.0	(9.4)	6/15/19 17:15	25.8	(16.5)	0.5	24.1
6/15/19 4:30	3.5	20.9	(0.0)	22.5	6/15/19 17:30	13.8	45.4	(6.6)	50.8
6/15/19 4:45	(6.5)	66.0	0.0	68.6	6/15/19 17:45	(17.3)	(44.2)	(16.1)	(75.1)
6/15/19 5:00	(14.8)	29.0	0.0	27.9	6/15/19 18:00	17.3	(44.9)	10.8	(20.3)
6/15/19 5:15	12.2	(30.4)	(0.0)	(34.3)	6/15/19 18:15	(3.7)	(68.4)	15.5	(57.6)
6/15/19 5:30	(34.9)	56.4	(0.1)	25.6	6/15/19 18:30	(31.7)	35.9	(6.4)	(5.4)
6/15/19 5:45	(23.7)	53.8	(1.0)	44.8	6/15/19 18:45	9.3	39.4	9.3	52.1
6/15/19 6:00	22.8	(13.6)	(4.1)	10.8	6/15/19 19:00	(13.9)	46.4	(0.8)	32.5

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/15/19 19:15	(54.9)	13.6	5.2	(45.6)	6/16/19 8:15	18.5	11.4	(6.8)	23.1
6/15/19 19:30	18.8	(8.9)	4.7	20.3	6/16/19 8:30	33.9	(1.7)	(5.7)	26.8
6/15/19 19:45	(6.2)	20.6	3.1	19.6	6/16/19 8:45	33.4	(29.4)	(1.8)	13.8
6/15/19 20:00	(15.6)	34.3	4.8	25.6	6/16/19 9:00	12.1	(37.5)	2.3	(23.7)
6/15/19 20:15	(6.2)	17.9	2.6	18.9	6/16/19 9:15	(11.0)	(26.6)	(1.6)	(31.2)
6/15/19 20:30	15.1	21.5	0.7	37.2	6/16/19 9:30	43.9	(46.3)	(5.7)	(8.1)
6/15/19 20:45	8.5	11.3	0.0	17.7	6/16/19 9:45	22.6	(58.2)	(1.6)	(36.6)
6/15/19 21:00	(17.1)	4.7	(0.0)	(13.9)	6/16/19 10:00	10.1	(69.5)	(0.3)	(66.4)
6/15/19 21:15	13.7	21.3	(0.0)	31.4	6/16/19 10:15	21.3	(50.9)	(0.4)	(33.2)
6/15/19 21:30	(10.7)	28.5	(0.0)	26.1	6/16/19 10:30	19.3	(37.7)	(1.4)	(19.9)
6/15/19 21:45	(23.8)	27.7	(0.0)	3.9	6/16/19 10:45	8.5	(5.7)	0.1	(9.7)
6/15/19 22:00	(74.7)	22.8	0.0	(51.9)	6/16/19 11:00	13.6	(15.5)	0.5	(7.3)
6/15/19 22:15	(53.4)	11.3	(0.0)	(42.1)	6/16/19 11:15	25.2	(15.3)	(0.5)	12.3
6/15/19 22:30	(35.0)	3.9	(0.0)	(31.1)	6/16/19 11:30	14.4	(7.8)	0.4	12.5
6/15/19 22:45	(20.6)	(8.0)	0.0	(28.5)	6/16/19 11:45	35.9	(15.0)	(0.7)	20.4
6/15/19 23:00	(29.3)	3.1	0.0	(28.5)	6/16/19 12:00	21.4	(13.3)	(0.3)	8.1
6/15/19 23:15	(16.6)	(5.1)	(0.0)	(20.7)	6/16/19 12:15	9.2	(16.6)	1.1	(14.7)
6/15/19 23:30	(37.7)	(11.4)	(0.0)	(49.2)	6/16/19 12:30	18.1	(14.2)	(1.2)	6.3
6/15/19 23:45	(21.2)	(21.8)	0.0	(40.8)	6/16/19 12:45	28.0	(12.9)	(0.6)	16.4
6/16/19 0:00	(12.8)	(32.1)	(0.0)	(44.9)	6/16/19 13:00	14.9	(7.9)	3.9	7.7
6/16/19 0:15	(19.4)	(9.0)	(0.0)	(26.7)	6/16/19 13:15	27.4	1.9	5.9	34.1
6/16/19 0:30	(14.8)	15.6	(0.0)	5.5	6/16/19 13:30	21.5	5.6	14.4	39.3
6/16/19 0:45	(34.3)	(2.8)	0.0	(36.9)	6/16/19 13:45	19.8	(3.0)	(10.8)	7.0
6/16/19 1:00	(10.9)	(7.5)	0.0	(16.7)	6/16/19 14:00	(10.9)	9.5	(1.0)	6.4
6/16/19 1:15	(15.1)	(11.0)	(0.0)	(26.1)	6/16/19 14:15	31.6	(12.3)	2.9	20.7
6/16/19 1:30	(36.0)	(15.3)	(0.0)	(51.3)	6/16/19 14:30	13.2	2.5	20.4	32.3
6/16/19 1:45	(19.1)	(24.4)	0.0	(43.5)	6/16/19 14:45	13.3	4.6	(4.5)	11.3
6/16/19 2:00	10.7	(22.2)	(0.0)	(12.0)	6/16/19 15:00	(8.7)	(10.0)	(0.9)	(16.7)
6/16/19 2:15	7.1	(29.2)	(0.0)	(25.9)	6/16/19 15:15	(7.9)	(32.2)	1.6	(33.2)
6/16/19 2:30	34.6	(37.8)	0.0	(6.4)	6/16/19 15:30	(26.4)	(20.8)	19.0	(27.7)
6/16/19 2:45	(4.2)	(6.2)	0.0	(9.6)	6/16/19 15:45	(47.7)	10.4	5.8	(34.5)
6/16/19 3:00	(23.5)	7.9	0.0	(19.0)	6/16/19 16:00	11.6	30.4	7.7	48.9
6/16/19 3:15	(23.8)	(22.1)	0.0	(44.4)	6/16/19 16:15	19.5	(53.8)	4.2	(34.5)
6/16/19 3:30	6.5	(8.0)	(0.0)	(10.7)	6/16/19 16:30	(15.0)	(95.8)	15.1	(93.7)
6/16/19 3:45	(21.6)	(8.5)	(0.0)	(29.9)	6/16/19 16:45	22.1	(103.0)	27.1	(53.8)
6/16/19 4:00	(20.9)	(6.8)	0.0	(26.1)	6/16/19 17:00	24.4	(56.2)	9.5	(23.9)
6/16/19 4:15	24.3	20.6	(0.0)	44.9	6/16/19 17:15	(28.6)	66.4	4.4	44.1
6/16/19 4:30	6.2	23.7	0.0	28.9	6/16/19 17:30	(10.6)	39.6	3.4	35.2
6/16/19 4:45	(14.3)	31.4	0.0	22.8	6/16/19 17:45	6.5	60.8	3.2	67.6
6/16/19 5:00	23.3	48.9	(0.0)	72.2	6/16/19 18:00	15.2	124.2	2.5	141.9
6/16/19 5:15	24.2	24.9	(0.0)	49.0	6/16/19 18:15	4.3	24.5	(0.2)	26.3
6/16/19 5:30	(27.4)	13.2	0.0	(17.3)	6/16/19 18:30	(9.5)	35.9	0.1	29.0
6/16/19 5:45	(17.6)	9.0	(0.4)	(10.7)	6/16/19 18:45	(13.1)	64.0	1.8	54.2
6/16/19 6:00	13.3	5.2	(2.7)	14.7	6/16/19 19:00	19.8	68.3	1.4	89.5
6/16/19 6:15	13.9	(26.4)	(5.6)	(19.8)	6/16/19 19:15	(19.3)	61.6	1.4	43.7
6/16/19 6:30	(25.9)	(8.4)	(8.1)	(39.0)	6/16/19 19:30	(47.4)	46.2	1.2	(13.5)
6/16/19 6:45	35.4	(16.0)	(12.9)	8.4	6/16/19 19:45	(13.9)	(5.4)	1.0	(9.1)
6/16/19 7:00	35.8	(23.6)	(12.0)	8.2	6/16/19 20:00	(3.7)	(33.6)	0.9	(32.8)
6/16/19 7:15	17.3	(4.3)	(15.1)	(18.9)	6/16/19 20:15	(8.7)	(28.1)	0.7	(31.8)
6/16/19 7:30	(19.1)	5.1	(28.3)	(40.2)	6/16/19 20:30	18.8	(29.9)	0.0	(22.8)
6/16/19 7:45	22.9	9.0	(22.5)	11.4	6/16/19 20:45	42.1	(51.4)	0.0	(11.2)
6/16/19 8:00	33.7	18.4	(5.3)	46.7	6/16/19 21:00	10.9	(22.7)	(0.0)	(19.0)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/16/19 21:15	4.8	26.4	0.0	29.1	6/17/19 10:15	(8.1)	(6.0)	(14.6)	(22.3)
6/16/19 21:30	(25.4)	34.5	0.0	15.4	6/17/19 10:30	11.5	20.7	(14.6)	10.4
6/16/19 21:45	(43.6)	(18.5)	(0.0)	(61.9)	6/17/19 10:45	31.2	28.8	1.1	61.1
6/16/19 22:00	(51.0)	(13.2)	0.0	(61.3)	6/17/19 11:00	(13.4)	21.1	(6.5)	9.6
6/16/19 22:15	(29.5)	20.3	(0.0)	(15.2)	6/17/19 11:15	10.2	9.5	(2.3)	16.1
6/16/19 22:30	(26.8)	18.9	0.0	(8.0)	6/17/19 11:30	7.8	11.6	4.4	23.1
6/16/19 22:45	(65.0)	11.0	0.0	(54.0)	6/17/19 11:45	(12.6)	5.8	(9.8)	(14.0)
6/16/19 23:00	(30.0)	3.6	(0.0)	(29.5)	6/17/19 12:00	37.0	(0.4)	5.4	40.5
6/16/19 23:15	(42.0)	5.8	(0.0)	(37.3)	6/17/19 12:15	27.2	(2.7)	(14.2)	13.4
6/16/19 23:30	(54.6)	10.6	0.0	(44.1)	6/17/19 12:30	14.1	(6.0)	6.8	14.5
6/16/19 23:45	(19.6)	46.2	0.0	29.3	6/17/19 12:45	46.5	(14.4)	1.2	33.2
6/17/19 0:00	(8.3)	34.4	(0.0)	26.1	6/17/19 13:00	(3.8)	(10.2)	8.8	(6.4)
6/17/19 0:15	(53.5)	22.7	(0.0)	(31.3)	6/17/19 13:15	(42.8)	(2.0)	13.1	(31.3)
6/17/19 0:30	(39.1)	40.0	(0.0)	16.3	6/17/19 13:30	(6.1)	(11.4)	10.2	(5.5)
6/17/19 0:45	43.4	43.2	0.0	86.7	6/17/19 13:45	22.6	4.2	(2.1)	23.2
6/17/19 1:00	(4.5)	22.6	0.0	21.4	6/17/19 14:00	16.2	(6.0)	9.0	21.5
6/17/19 1:15	(6.7)	(12.2)	0.0	(18.9)	6/17/19 14:15	(17.0)	(7.7)	(8.1)	(30.9)
6/17/19 1:30	(44.9)	(57.8)	(0.0)	(102.7)	6/17/19 14:30	29.5	4.9	(7.9)	29.8
6/17/19 1:45	19.7	(113.5)	(0.0)	(98.1)	6/17/19 14:45	14.1	7.5	6.0	26.8
6/17/19 2:00	7.5	(95.4)	0.0	(91.9)	6/17/19 15:00	(7.2)	21.9	11.4	30.5
6/17/19 2:15	(15.1)	(49.5)	0.0	(57.2)	6/17/19 15:15	(7.5)	(62.8)	9.5	(59.9)
6/17/19 2:30	(11.7)	(16.4)	0.0	(22.0)	6/17/19 15:30	(6.3)	(50.1)	20.6	(35.8)
6/17/19 2:45	16.9	61.8	0.0	78.7	6/17/19 15:45	(7.1)	(13.5)	12.0	(6.9)
6/17/19 3:00	4.0	53.5	0.0	55.2	6/17/19 16:00	(13.4)	(8.7)	6.1	(14.4)
6/17/19 3:15	(38.2)	40.3	0.0	9.4	6/17/19 16:15	19.3	(26.1)	3.9	(5.5)
6/17/19 3:30	19.2	11.1	(0.0)	28.4	6/17/19 16:30	(21.1)	(101.9)	7.0	(114.9)
6/17/19 3:45	6.8	8.9	0.0	14.5	6/17/19 16:45	(42.8)	(133.2)	4.4	(171.6)
6/17/19 4:00	(21.1)	3.2	(0.0)	(22.9)	6/17/19 17:00	(48.8)	(34.3)	0.3	(80.6)
6/17/19 4:15	39.8	31.5	0.0	71.3	6/17/19 17:15	47.3	(13.0)	1.6	40.0
6/17/19 4:30	12.9	22.1	0.0	33.8	6/17/19 17:30	37.6	(23.6)	0.2	19.5
6/17/19 4:45	(9.8)	21.8	(0.0)	20.3	6/17/19 17:45	(28.0)	(65.7)	0.3	(86.0)
6/17/19 5:00	48.1	12.9	(0.0)	61.0	6/17/19 18:00	38.6	(94.4)	0.6	(57.1)
6/17/19 5:15	50.4	(15.0)	(0.0)	43.5	6/17/19 18:15	(20.0)	25.7	0.9	(18.8)
6/17/19 5:30	(14.5)	(38.0)	0.0	(52.1)	6/17/19 18:30	(33.0)	127.3	(2.0)	92.4
6/17/19 5:45	(16.7)	27.8	(0.4)	33.9	6/17/19 18:45	(7.4)	37.5	(3.9)	29.8
6/17/19 6:00	32.1	62.4	(3.7)	90.8	6/17/19 19:00	(12.9)	24.9	(1.0)	23.4
6/17/19 6:15	44.4	69.8	(6.8)	107.3	6/17/19 19:15	(24.0)	60.5	4.1	41.8
6/17/19 6:30	26.3	55.5	(10.9)	70.9	6/17/19 19:30	(13.7)	23.9	1.7	15.9
6/17/19 6:45	30.1	31.0	(7.7)	53.3	6/17/19 19:45	(22.3)	53.8	1.5	33.0
6/17/19 7:00	23.2	8.0	1.7	32.0	6/17/19 20:00	(19.3)	74.4	1.4	56.6
6/17/19 7:15	(18.9)	13.5	(7.6)	(15.2)	6/17/19 20:15	12.9	21.3	0.7	9.1
6/17/19 7:30	29.1	(5.5)	(10.7)	14.6	6/17/19 20:30	10.9	(23.8)	0.1	(12.8)
6/17/19 7:45	32.1	(3.1)	(4.0)	28.8	6/17/19 20:45	(29.5)	22.5	(0.0)	(7.9)
6/17/19 8:00	(49.8)	9.9	2.5	(39.2)	6/17/19 21:00	(24.1)	(31.1)	0.0	(38.7)
6/17/19 8:15	28.0	(6.5)	(21.4)	13.0	6/17/19 21:15	55.5	(81.7)	(0.0)	(29.1)
6/17/19 8:30	17.9	(9.2)	3.2	11.6	6/17/19 21:30	(38.2)	24.9	0.0	(17.6)
6/17/19 8:45	(11.5)	(5.2)	11.5	5.6	6/17/19 21:45	(17.2)	41.0	(0.0)	25.2
6/17/19 9:00	32.0	(20.1)	5.1	16.3	6/17/19 22:00	(28.5)	42.2	0.0	13.9
6/17/19 9:15	30.8	(11.3)	(10.7)	9.7	6/17/19 22:15	(22.4)	38.1	0.0	15.8
6/17/19 9:30	(11.7)	(11.4)	(7.0)	(25.6)	6/17/19 22:30	(69.5)	63.9	0.1	(7.9)
6/17/19 9:45	26.7	(3.4)	(4.2)	19.5	6/17/19 22:45	(40.1)	8.5	0.0	(31.6)
6/17/19 10:00	18.5	(12.5)	(1.0)	7.8	6/17/19 23:00	(36.0)	23.2	(0.0)	(12.8)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/17/19 23:15	(49.2)	23.6	(0.0)	(25.6)	6/18/19 12:15	(3.8)	(9.2)	(10.4)	(19.9)
6/17/19 23:30	(32.4)	16.1	0.0	(16.3)	6/18/19 12:30	(16.9)	(8.8)	6.8	(20.2)
6/17/19 23:45	(21.4)	12.4	0.0	(9.2)	6/18/19 12:45	(10.4)	(6.6)	24.9	9.3
6/18/19 0:00	(21.9)	(24.6)	(0.0)	(46.4)	6/18/19 13:00	(8.4)	2.8	7.0	(5.2)
6/18/19 0:15	(32.8)	(5.5)	(0.0)	(37.0)	6/18/19 13:15	20.0	9.9	(9.7)	21.7
6/18/19 0:30	(11.9)	5.6	(0.0)	(6.7)	6/18/19 13:30	7.2	8.1	(7.5)	7.3
6/18/19 0:45	(20.0)	(10.0)	0.0	(28.9)	6/18/19 13:45	(8.6)	2.4	19.8	11.4
6/18/19 1:00	23.4	(20.6)	0.0	(24.1)	6/18/19 14:00	(6.4)	(5.9)	25.4	14.1
6/18/19 1:15	53.7	6.7	(0.0)	58.5	6/18/19 14:15	3.7	8.8	12.3	15.6
6/18/19 1:30	(11.9)	(8.3)	(0.0)	(20.1)	6/18/19 14:30	34.6	(7.6)	(10.3)	19.3
6/18/19 1:45	1.9	(11.9)	(0.0)	(10.7)	6/18/19 14:45	11.9	(4.6)	17.4	28.4
6/18/19 2:00	(7.9)	7.6	0.0	(1.6)	6/18/19 15:00	(9.3)	13.2	(28.2)	(20.7)
6/18/19 2:15	(9.2)	(1.2)	(0.0)	(10.4)	6/18/19 15:15	(42.1)	2.8	(19.2)	(59.3)
6/18/19 2:30	(7.1)	2.2	0.0	(6.6)	6/18/19 15:30	1.4	(1.3)	(5.7)	(5.9)
6/18/19 2:45	(6.3)	16.5	0.0	10.3	6/18/19 15:45	13.0	(0.6)	19.7	32.0
6/18/19 3:00	(2.8)	27.4	0.0	25.5	6/18/19 16:00	21.5	(2.8)	25.1	45.0
6/18/19 3:15	4.1	32.5	(0.0)	36.5	6/18/19 16:15	(19.3)	(25.8)	15.0	(28.8)
6/18/19 3:30	(13.5)	10.7	(0.0)	(6.6)	6/18/19 16:30	40.8	(18.9)	9.8	31.6
6/18/19 3:45	(3.8)	(0.9)	0.0	(4.1)	6/18/19 16:45	19.7	13.1	7.6	40.2
6/18/19 4:00	4.4	3.5	0.0	5.9	6/18/19 17:00	(9.5)	6.2	(1.9)	(16.1)
6/18/19 4:15	14.1	(0.9)	0.0	13.6	6/18/19 17:15	(38.6)	(22.2)	(4.3)	(64.3)
6/18/19 4:30	12.2	1.2	(0.0)	12.6	6/18/19 17:30	(15.9)	(3.6)	8.7	(9.8)
6/18/19 4:45	7.9	(1.3)	0.0	6.8	6/18/19 17:45	(9.5)	(7.4)	(5.4)	(21.6)
6/18/19 5:00	18.7	(1.8)	(0.0)	16.9	6/18/19 18:00	(12.4)	(12.7)	(12.1)	(37.2)
6/18/19 5:15	23.4	2.8	(0.0)	25.6	6/18/19 18:15	(16.6)	(35.7)	(4.2)	(55.7)
6/18/19 5:30	15.8	(4.6)	(0.0)	15.5	6/18/19 18:30	(15.7)	12.9	(1.6)	(20.1)
6/18/19 5:45	(30.7)	(4.8)	(0.0)	(35.1)	6/18/19 18:45	(4.6)	23.3	12.9	34.9
6/18/19 6:00	26.8	(6.8)	(1.1)	18.9	6/18/19 19:00	4.9	(10.7)	7.8	3.3
6/18/19 6:15	30.4	(14.9)	(4.3)	11.7	6/18/19 19:15	12.7	(33.3)	8.6	(15.6)
6/18/19 6:30	19.1	(10.1)	(5.2)	3.9	6/18/19 19:30	(2.1)	38.3	0.8	40.9
6/18/19 6:45	27.9	(3.1)	(6.3)	19.5	6/18/19 19:45	(2.4)	(54.9)	3.1	(54.2)
6/18/19 7:00	27.7	8.0	(9.0)	26.7	6/18/19 20:00	(16.2)	32.0	3.1	22.4
6/18/19 7:15	38.0	(2.3)	(17.5)	18.6	6/18/19 20:15	4.5	87.4	3.3	91.1
6/18/19 7:30	25.5	6.5	(10.1)	22.3	6/18/19 20:30	8.6	21.7	1.3	31.6
6/18/19 7:45	20.0	2.8	(2.7)	20.1	6/18/19 20:45	15.2	(13.8)	(0.0)	2.2
6/18/19 8:00	26.4	3.7	1.9	30.5	6/18/19 21:00	(4.4)	(1.9)	(0.0)	(5.2)
6/18/19 8:15	14.5	(2.5)	(25.2)	(13.2)	6/18/19 21:15	(13.0)	(17.2)	0.0	(30.2)
6/18/19 8:30	13.1	3.8	4.5	21.2	6/18/19 21:30	(28.8)	(36.6)	(0.0)	(65.4)
6/18/19 8:45	8.8	12.9	(5.3)	16.5	6/18/19 21:45	(40.9)	(64.5)	(0.0)	(105.3)
6/18/19 9:00	11.7	15.6	(9.1)	16.3	6/18/19 22:00	(37.6)	(34.3)	0.0	(71.9)
6/18/19 9:15	(6.9)	9.8	4.7	9.8	6/18/19 22:15	(30.3)	(28.1)	0.0	(58.4)
6/18/19 9:30	9.5	5.0	2.0	15.7	6/18/19 22:30	(5.1)	(14.9)	(0.0)	(18.1)
6/18/19 9:45	10.9	7.4	(18.3)	3.4	6/18/19 22:45	(34.4)	(38.4)	(0.0)	(72.7)
6/18/19 10:00	5.2	3.6	(12.4)	(5.1)	6/18/19 23:00	(26.5)	(17.8)	0.0	(44.3)
6/18/19 10:15	5.2	(1.1)	3.0	7.9	6/18/19 23:15	9.3	(1.8)	0.0	7.6
6/18/19 10:30	10.6	(3.4)	10.8	18.0	6/18/19 23:30	(35.3)	26.3	(0.0)	(9.3)
6/18/19 10:45	11.6	0.6	(13.2)	(4.7)	6/18/19 23:45	(43.4)	30.7	(0.0)	(12.7)
6/18/19 11:00	13.4	(2.9)	(8.7)	4.6	6/19/19 0:00	(59.9)	1.8	(0.0)	(58.1)
6/18/19 11:15	14.5	(3.6)	(6.7)	4.4	6/19/19 0:15	(19.2)	12.5	0.0	(9.3)
6/18/19 11:30	19.9	3.3	9.4	31.3	6/19/19 0:30	(2.7)	(19.6)	0.0	(19.3)
6/18/19 11:45	15.9	5.1	7.2	28.2	6/19/19 0:45	(7.7)	(1.0)	(0.0)	(8.2)
6/18/19 12:00	8.2	2.8	(3.0)	10.7	6/19/19 1:00	(11.6)	5.9	0.0	(5.7)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/19/19 1:15	11.4	(3.6)	(0.0)	9.0	6/19/19 14:15	(21.0)	25.9	(6.1)	14.5
6/19/19 1:30	19.6	7.4	0.0	24.3	6/19/19 14:30	35.4	30.0	4.3	69.0
6/19/19 1:45	(27.4)	14.9	(0.0)	(15.8)	6/19/19 14:45	13.1	24.1	10.4	47.5
6/19/19 2:00	(40.0)	(5.5)	(0.0)	(44.4)	6/19/19 15:00	(23.5)	12.4	(4.8)	(17.2)
6/19/19 2:15	(55.4)	(9.5)	(0.0)	(64.3)	6/19/19 15:15	37.7	(2.7)	14.1	50.5
6/19/19 2:30	40.4	(70.1)	0.0	(29.7)	6/19/19 15:30	34.3	(3.0)	(5.2)	29.1
6/19/19 2:45	(29.7)	(20.0)	0.0	(49.2)	6/19/19 15:45	39.5	3.4	5.8	43.2
6/19/19 3:00	(56.6)	(9.2)	0.0	(64.7)	6/19/19 16:00	(12.9)	(6.8)	6.2	(7.4)
6/19/19 3:15	(33.5)	7.6	0.0	(26.0)	6/19/19 16:15	17.9	(5.8)	5.2	17.0
6/19/19 3:30	7.3	(23.5)	(0.0)	(22.7)	6/19/19 16:30	23.4	(12.2)	(6.6)	10.1
6/19/19 3:45	21.2	(31.5)	0.0	(13.2)	6/19/19 16:45	(34.9)	(15.7)	(15.3)	(65.9)
6/19/19 4:00	9.4	23.1	(0.0)	32.0	6/19/19 17:00	16.6	(9.1)	14.3	22.6
6/19/19 4:15	77.8	(115.4)	0.0	(46.8)	6/19/19 17:15	11.3	(1.5)	10.9	20.6
6/19/19 4:30	54.2	(12.1)	0.0	54.0	6/19/19 17:30	(5.7)	(5.9)	(14.5)	(18.8)
6/19/19 4:45	49.6	(64.0)	(0.0)	(22.6)	6/19/19 17:45	14.0	(17.4)	3.7	(23.3)
6/19/19 5:00	13.8	(45.2)	(0.0)	(39.7)	6/19/19 18:00	21.0	(8.6)	16.3	19.4
6/19/19 5:15	(25.0)	43.8	(0.0)	34.4	6/19/19 18:15	(3.4)	(24.9)	15.4	(18.9)
6/19/19 5:30	8.7	(25.5)	0.0	(22.8)	6/19/19 18:30	(49.7)	(24.1)	24.7	(51.2)
6/19/19 5:45	41.3	(74.3)	0.0	(33.0)	6/19/19 18:45	15.8	(26.2)	(15.2)	(26.1)
6/19/19 6:00	21.0	8.4	(1.6)	27.7	6/19/19 19:00	6.6	(36.8)	26.0	(10.7)
6/19/19 6:15	51.9	(34.1)	(7.9)	13.8	6/19/19 19:15	(30.9)	(29.7)	3.0	(57.7)
6/19/19 6:30	(19.6)	(11.6)	(4.0)	(22.7)	6/19/19 19:30	9.2	(29.4)	13.9	(14.7)
6/19/19 6:45	42.3	(6.4)	3.9	42.6	6/19/19 19:45	(35.5)	(44.9)	9.9	(67.2)
6/19/19 7:00	29.8	10.9	(10.1)	30.5	6/19/19 20:00	16.0	(44.4)	10.5	(18.9)
6/19/19 7:15	32.3	11.7	(29.1)	14.9	6/19/19 20:15	(7.8)	(58.9)	4.8	(55.1)
6/19/19 7:30	12.8	51.7	(28.5)	36.7	6/19/19 20:30	(12.2)	(108.5)	1.0	(110.3)
6/19/19 7:45	35.0	116.3	(11.2)	140.1	6/19/19 20:45	11.5	(111.3)	(0.0)	(99.8)
6/19/19 8:00	29.3	64.4	(21.4)	70.1	6/19/19 21:00	(12.5)	(106.4)	(0.0)	(112.3)
6/19/19 8:15	(4.9)	64.6	3.9	62.1	6/19/19 21:15	(35.1)	(77.1)	(0.0)	(111.3)
6/19/19 8:30	(43.1)	41.1	22.4	36.8	6/19/19 21:30	(7.8)	(83.8)	(0.0)	(84.6)
6/19/19 8:45	(25.9)	21.4	(17.8)	(32.2)	6/19/19 21:45	(19.8)	(25.0)	0.0	(44.8)
6/19/19 9:00	4.9	41.9	(1.9)	44.6	6/19/19 22:00	(66.9)	(35.3)	0.0	(102.2)
6/19/19 9:15	9.7	(10.3)	(22.9)	(22.4)	6/19/19 22:15	(53.4)	(62.8)	(0.0)	(116.2)
6/19/19 9:30	17.9	(24.2)	(6.3)	(12.7)	6/19/19 22:30	(26.9)	(36.4)	(0.0)	(62.9)
6/19/19 9:45	22.3	(7.0)	(0.8)	14.7	6/19/19 22:45	(36.6)	(14.2)	0.0	(42.0)
6/19/19 10:00	41.4	(7.6)	5.1	38.8	6/19/19 23:00	(43.0)	95.1	(0.0)	52.1
6/19/19 10:15	10.1	(24.8)	(1.8)	(15.6)	6/19/19 23:15	(21.4)	(5.5)	0.0	(22.2)
6/19/19 10:30	9.8	(27.9)	(4.9)	(24.4)	6/19/19 23:30	(48.0)	12.6	(0.0)	(37.6)
6/19/19 10:45	(17.8)	(12.7)	(4.4)	(32.0)	6/19/19 23:45	(33.2)	17.0	(0.0)	(17.1)
6/19/19 11:00	26.9	(21.5)	1.5	6.7	6/20/19 0:00	(24.3)	(5.7)	(0.0)	(27.3)
6/19/19 11:15	34.7	(17.3)	(1.5)	16.8	6/20/19 0:15	(15.6)	21.7	(0.0)	16.7
6/19/19 11:30	18.2	4.7	3.3	24.5	6/20/19 0:30	(31.3)	17.3	0.0	(19.2)
6/19/19 11:45	(10.8)	4.9	(1.8)	(8.1)	6/20/19 0:45	(29.3)	45.3	0.1	17.2
6/19/19 12:00	32.8	6.5	5.1	43.3	6/20/19 1:00	(42.7)	18.9	(0.0)	(23.8)
6/19/19 12:15	12.1	38.3	2.6	52.0	6/20/19 1:15	(11.6)	22.6	(0.0)	19.9
6/19/19 12:30	(10.7)	27.4	(1.9)	22.3	6/20/19 1:30	(14.6)	15.8	0.0	3.0
6/19/19 12:45	33.8	32.0	(4.8)	61.4	6/20/19 1:45	(31.7)	51.5	(0.0)	19.8
6/19/19 13:00	15.0	41.4	(1.5)	54.8	6/20/19 2:00	(28.9)	43.0	0.0	21.3
6/19/19 13:15	(22.6)	26.9	(1.5)	6.5	6/20/19 2:15	14.8	7.2	0.0	19.7
6/19/19 13:30	26.3	29.2	0.2	55.6	6/20/19 2:30	(18.6)	9.0	0.0	(11.2)
6/19/19 13:45	37.1	41.9	1.1	80.1	6/20/19 2:45	(21.3)	42.0	0.0	30.1
6/19/19 14:00	14.1	37.2	15.3	60.1	6/20/19 3:00	7.3	38.2	0.0	44.3

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/20/19 3:15	(9.2)	22.5	(0.0)	19.8	6/20/19 16:15	14.7	14.4	9.2	34.0
6/20/19 3:30	(17.1)	33.9	(0.0)	20.3	6/20/19 16:30	3.2	(22.9)	11.6	(19.1)
6/20/19 3:45	10.8	(31.5)	0.0	(22.8)	6/20/19 16:45	6.9	(58.6)	(51.2)	(104.8)
6/20/19 4:00	8.8	(25.5)	(0.0)	(16.7)	6/20/19 17:00	(25.5)	(102.5)	(12.0)	(132.0)
6/20/19 4:15	(11.4)	2.9	0.0	(12.9)	6/20/19 17:15	(10.0)	(31.2)	(11.7)	(46.0)
6/20/19 4:30	21.4	(5.6)	(0.0)	15.8	6/20/19 17:30	(16.6)	(32.8)	12.8	(38.5)
6/20/19 4:45	8.3	(4.0)	0.0	4.4	6/20/19 17:45	(13.7)	14.2	1.6	(26.4)
6/20/19 5:00	21.7	16.3	(0.0)	25.0	6/20/19 18:00	(19.4)	(16.4)	13.7	25.8
6/20/19 5:15	40.1	(35.7)	(0.0)	13.8	6/20/19 18:15	9.9	(39.2)	12.0	(23.7)
6/20/19 5:30	(10.2)	(53.6)	(0.0)	(54.8)	6/20/19 18:30	(35.6)	100.6	(10.5)	55.5
6/20/19 5:45	20.8	22.6	(1.0)	26.3	6/20/19 18:45	(17.4)	167.5	25.8	178.2
6/20/19 6:00	26.7	(19.0)	(3.3)	10.0	6/20/19 19:00	(9.2)	133.1	9.0	140.4
6/20/19 6:15	17.7	(29.2)	(6.3)	(23.4)	6/20/19 19:15	(21.7)	139.7	18.5	137.1
6/20/19 6:30	29.9	66.7	(11.7)	84.9	6/20/19 19:30	(54.3)	57.0	16.7	19.5
6/20/19 6:45	(16.7)	99.1	(18.1)	72.3	6/20/19 19:45	13.4	53.2	10.3	68.7
6/20/19 7:00	14.9	92.4	(20.7)	75.1	6/20/19 20:00	(14.4)	14.8	9.9	13.8
6/20/19 7:15	14.2	39.5	(16.8)	34.3	6/20/19 20:15	(11.1)	(17.5)	3.3	(20.9)
6/20/19 7:30	36.2	47.1	(21.3)	62.0	6/20/19 20:30	(28.6)	(66.7)	0.6	(89.6)
6/20/19 7:45	27.5	53.2	(15.2)	65.4	6/20/19 20:45	15.6	(37.1)	0.0	(22.2)
6/20/19 8:00	12.6	28.9	(4.9)	27.4	6/20/19 21:00	(9.5)	(25.9)	0.0	(35.4)
6/20/19 8:15	32.5	39.9	(2.8)	69.6	6/20/19 21:15	(69.1)	13.4	(0.0)	(57.2)
6/20/19 8:30	21.7	48.6	(3.4)	63.9	6/20/19 21:30	(30.3)	(21.2)	0.0	(51.0)
6/20/19 8:45	12.3	32.3	(2.3)	32.2	6/20/19 21:45	(32.6)	(33.6)	(0.0)	(66.2)
6/20/19 9:00	28.0	11.6	(2.5)	37.1	6/20/19 22:00	(18.1)	23.0	0.0	(15.7)
6/20/19 9:15	16.2	(5.6)	(1.9)	9.0	6/20/19 22:15	(62.8)	144.1	0.0	81.3
6/20/19 9:30	(8.2)	16.4	(1.5)	15.6	6/20/19 22:30	(52.7)	103.8	(0.0)	51.1
6/20/19 9:45	32.9	31.3	(0.5)	63.6	6/20/19 22:45	(31.5)	81.2	0.0	49.7
6/20/19 10:00	29.9	22.8	(0.6)	52.1	6/20/19 23:00	(52.6)	25.4	(0.0)	(36.3)
6/20/19 10:15	(12.4)	26.6	(0.7)	26.8	6/20/19 23:15	(73.2)	11.7	0.0	(61.4)
6/20/19 10:30	19.3	18.7	(0.5)	33.2	6/20/19 23:30	(43.4)	16.6	0.0	(26.8)
6/20/19 10:45	26.8	7.4	(0.3)	33.7	6/20/19 23:45	(36.7)	(9.2)	(0.0)	(43.7)
6/20/19 11:00	28.9	(8.4)	10.7	31.3	6/21/19 0:00	18.9	(49.7)	(0.0)	(43.3)
6/20/19 11:15	(15.8)	(16.8)	15.5	(23.2)	6/21/19 0:15	21.3	(90.1)	(0.0)	(78.7)
6/20/19 11:30	19.1	(19.5)	(5.1)	(7.2)	6/21/19 0:30	(25.8)	(139.2)	(0.0)	(165.1)
6/20/19 11:45	44.2	(37.4)	12.5	20.6	6/21/19 0:45	(23.7)	(81.3)	0.0	(103.2)
6/20/19 12:00	12.7	(65.9)	14.6	(55.1)	6/21/19 1:00	(31.4)	44.9	(0.0)	15.5
6/20/19 12:15	33.1	(70.2)	(8.8)	(45.6)	6/21/19 1:15	(15.8)	8.8	(0.0)	(8.0)
6/20/19 12:30	13.7	(76.2)	6.5	(56.0)	6/21/19 1:30	(22.2)	(25.6)	(0.0)	(47.8)
6/20/19 12:45	30.1	(81.5)	(8.2)	(58.7)	6/21/19 1:45	(10.0)	10.5	0.0	(4.9)
6/20/19 13:00	36.8	(92.0)	(5.4)	(58.7)	6/21/19 2:00	(7.0)	9.6	0.0	3.4
6/20/19 13:15	(7.5)	(84.9)	(4.1)	(90.9)	6/21/19 2:15	8.8	13.3	(0.0)	19.3
6/20/19 13:30	18.9	(57.2)	11.2	(27.1)	6/21/19 2:30	6.1	(36.1)	0.0	(33.7)
6/20/19 13:45	24.0	(59.0)	5.3	(30.0)	6/21/19 2:45	(2.4)	(22.0)	0.0	(24.3)
6/20/19 14:00	30.3	(17.1)	(5.9)	11.6	6/21/19 3:00	(29.0)	(78.8)	0.0	(100.8)
6/20/19 14:15	(4.6)	(27.2)	10.6	(18.1)	6/21/19 3:15	14.2	111.2	(0.0)	112.0
6/20/19 14:30	24.5	(36.6)	33.3	22.9	6/21/19 3:30	12.9	(13.8)	(0.0)	6.3
6/20/19 14:45	32.6	(26.6)	7.3	17.0	6/21/19 3:45	(7.9)	11.2	0.0	4.0
6/20/19 15:00	42.5	(28.8)	(25.7)	(15.2)	6/21/19 4:00	(27.1)	27.9	(0.0)	2.6
6/20/19 15:15	(16.9)	(41.0)	15.2	(41.1)	6/21/19 4:15	7.6	(13.2)	0.0	(5.8)
6/20/19 15:30	(20.5)	(32.7)	9.3	(40.5)	6/21/19 4:30	19.1	(10.3)	(0.0)	10.4
6/20/19 15:45	45.2	10.8	(3.6)	51.8	6/21/19 4:45	39.8	(44.7)	0.0	(8.1)
6/20/19 16:00	18.0	39.5	(14.2)	37.3	6/21/19 5:00	24.4	4.2	(0.0)	26.1

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/21/19 5:15	9.3	3.1	0.0	8.9	6/21/19 18:15	(34.8)	(44.3)	9.8	(68.4)
6/21/19 5:30	(19.2)	15.1	0.0	(7.6)	6/21/19 18:30	(16.1)	(74.7)	3.8	(87.1)
6/21/19 5:45	51.3	(108.5)	(0.1)	(62.9)	6/21/19 18:45	(34.6)	(53.7)	4.0	(84.4)
6/21/19 6:00	27.4	(25.5)	(3.9)	36.5	6/21/19 19:00	14.3	33.2	8.4	50.1
6/21/19 6:15	29.0	(23.8)	(12.0)	(15.3)	6/21/19 19:15	(28.1)	21.5	8.4	5.6
6/21/19 6:30	21.6	(35.3)	(15.2)	(28.4)	6/21/19 19:30	22.9	19.8	10.6	49.9
6/21/19 6:45	27.3	(25.8)	(14.2)	26.5	6/21/19 19:45	(31.2)	(11.0)	7.8	(35.8)
6/21/19 7:00	30.8	53.8	(18.9)	65.8	6/21/19 20:00	39.3	85.4	6.7	131.3
6/21/19 7:15	(18.2)	46.2	(16.6)	21.9	6/21/19 20:15	15.4	(9.5)	3.0	13.2
6/21/19 7:30	20.7	(13.1)	(25.1)	(19.5)	6/21/19 20:30	(18.4)	28.1	0.4	11.0
6/21/19 7:45	24.2	(13.3)	(11.6)	(5.8)	6/21/19 20:45	15.4	19.7	(0.0)	33.0
6/21/19 8:00	31.9	5.3	(6.5)	28.8	6/21/19 21:00	(12.6)	38.6	0.0	26.0
6/21/19 8:15	21.0	5.1	(5.4)	20.0	6/21/19 21:15	(54.0)	(66.3)	(0.0)	(118.1)
6/21/19 8:30	11.8	(3.9)	(2.1)	10.0	6/21/19 21:30	9.4	(27.4)	(0.0)	(26.7)
6/21/19 8:45	9.1	(5.5)	(0.9)	11.7	6/21/19 21:45	(18.5)	17.4	(0.0)	(5.1)
6/21/19 9:00	5.7	(54.0)	1.3	(48.4)	6/21/19 22:00	(16.7)	22.9	0.0	21.1
6/21/19 9:15	37.3	(21.8)	10.2	27.4	6/21/19 22:15	(34.7)	17.1	0.0	(35.3)
6/21/19 9:30	9.9	(5.7)	(7.3)	(6.4)	6/21/19 22:30	(57.1)	9.7	(0.0)	(49.5)
6/21/19 9:45	10.1	(10.3)	2.8	2.4	6/21/19 22:45	(36.3)	19.0	0.0	(17.3)
6/21/19 10:00	(32.0)	(2.0)	(2.2)	(35.2)	6/21/19 23:00	(12.1)	38.7	0.0	26.6
6/21/19 10:15	33.5	19.0	(5.7)	46.7	6/21/19 23:15	(52.3)	43.4	(0.0)	(12.8)
6/21/19 10:30	10.7	17.4	7.4	34.7	6/21/19 23:30	(31.0)	36.8	(0.0)	14.2
6/21/19 10:45	11.4	32.1	(2.2)	42.4	6/21/19 23:45	(55.1)	42.5	0.0	(17.2)
6/21/19 11:00	10.0	14.3	(3.1)	19.3	6/22/19 0:00	12.5	14.8	(0.0)	24.9
6/21/19 11:15	(13.6)	(21.8)	(4.6)	(33.7)	6/22/19 0:15	(6.8)	23.7	(0.0)	21.4
6/21/19 11:30	39.3	(5.7)	0.6	39.1	6/22/19 0:30	(28.4)	(35.2)	(0.0)	(63.5)
6/21/19 11:45	12.4	9.5	3.3	23.2	6/22/19 0:45	(39.2)	(24.3)	0.0	(63.5)
6/21/19 12:00	(15.2)	(6.9)	(2.3)	(21.8)	6/22/19 1:00	17.5	(20.1)	(0.0)	(9.7)
6/21/19 12:15	(20.5)	10.5	6.7	(6.6)	6/22/19 1:15	(2.5)	5.5	0.0	5.4
6/21/19 12:30	28.9	5.1	(4.9)	28.8	6/22/19 1:30	(36.8)	43.5	(0.0)	8.3
6/21/19 12:45	(3.7)	(17.8)	1.5	(18.2)	6/22/19 1:45	(21.9)	66.5	0.0	57.2
6/21/19 13:00	(5.1)	(15.9)	(4.6)	(24.5)	6/22/19 2:00	11.9	28.6	0.0	34.6
6/21/19 13:15	(22.4)	(28.0)	4.9	(43.1)	6/22/19 2:15	(8.2)	19.8	(0.0)	13.3
6/21/19 13:30	24.6	(48.3)	3.4	(28.3)	6/22/19 2:30	(39.8)	56.6	0.0	16.9
6/21/19 13:45	(5.0)	(9.0)	(3.5)	(11.4)	6/22/19 2:45	(10.2)	29.7	0.0	24.7
6/21/19 14:00	(22.8)	26.4	(7.3)	(8.6)	6/22/19 3:00	32.3	11.4	0.0	43.4
6/21/19 14:15	25.2	(9.0)	(3.2)	19.5	6/22/19 3:15	(5.1)	(2.8)	(0.0)	(6.5)
6/21/19 14:30	(9.5)	(49.4)	4.3	(51.3)	6/22/19 3:30	(27.3)	6.0	0.0	(21.5)
6/21/19 14:45	(2.9)	(44.2)	8.5	(39.6)	6/22/19 3:45	(22.1)	(29.7)	(0.0)	(50.4)
6/21/19 15:00	(45.7)	(67.5)	5.5	(107.7)	6/22/19 4:00	52.9	25.0	0.0	75.5
6/21/19 15:15	26.4	(78.7)	6.7	(45.7)	6/22/19 4:15	14.0	19.9	(0.0)	33.9
6/21/19 15:30	5.8	(26.7)	3.9	(21.3)	6/22/19 4:30	9.1	6.2	(0.0)	12.9
6/21/19 15:45	(8.0)	89.6	(2.7)	85.8	6/22/19 4:45	(27.3)	(4.0)	0.0	(29.7)
6/21/19 16:00	(13.2)	25.0	3.6	21.2	6/22/19 5:00	10.0	(8.1)	(0.0)	2.0
6/21/19 16:15	4.8	4.5	(2.0)	4.5	6/22/19 5:15	13.6	8.6	(0.0)	22.1
6/21/19 16:30	4.2	(6.6)	(4.6)	(10.1)	6/22/19 5:30	19.1	(15.6)	(0.0)	6.3
6/21/19 16:45	(13.7)	76.0	2.0	68.4	6/22/19 5:45	26.5	(16.6)	0.0	12.6
6/21/19 17:00	25.6	47.5	4.6	74.7	6/22/19 6:00	8.7	1.5	(0.4)	7.6
6/21/19 17:15	(5.6)	12.2	9.7	25.4	6/22/19 6:15	(10.6)	(17.1)	(5.2)	(30.3)
6/21/19 17:30	(20.3)	33.0	17.3	35.2	6/22/19 6:30	7.5	(11.3)	(8.8)	(21.3)
6/21/19 17:45	(21.1)	11.0	19.1	24.8	6/22/19 6:45	43.6	(41.5)	(10.5)	(10.4)
6/21/19 18:00	14.5	30.2	1.8	34.4	6/22/19 7:00	18.7	(57.4)	(8.5)	(47.1)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/22/19 7:15	9.9	(65.2)	(16.5)	(75.8)	6/22/19 20:15	20.4	(132.9)	0.0	(121.2)
6/22/19 7:30	11.8	(18.1)	5.1	(15.2)	6/22/19 20:30	51.4	31.3	0.0	80.5
6/22/19 7:45	35.4	(14.7)	(7.4)	19.4	6/22/19 20:45	34.0	(58.6)	(0.0)	(27.5)
6/22/19 8:00	28.2	16.0	(8.0)	36.8	6/22/19 21:00	(27.8)	8.1	(0.0)	(24.1)
6/22/19 8:15	13.2	33.5	(12.6)	26.5	6/22/19 21:15	15.3	49.9	(0.0)	57.0
6/22/19 8:30	13.2	67.7	(9.7)	65.6	6/22/19 21:30	(15.6)	37.8	(0.0)	22.2
6/22/19 8:45	12.6	81.9	2.9	94.8	6/22/19 21:45	(66.9)	43.5	0.0	(28.8)
6/22/19 9:00	36.2	61.6	(5.3)	92.5	6/22/19 22:00	(11.1)	(61.7)	(0.0)	(72.8)
6/22/19 9:15	15.7	45.9	(13.2)	48.2	6/22/19 22:15	(41.5)	(26.2)	(0.0)	(67.7)
6/22/19 9:30	(37.4)	28.5	(10.4)	(20.5)	6/22/19 22:30	(14.2)	43.1	0.0	29.7
6/22/19 9:45	16.4	29.1	(9.3)	34.0	6/22/19 22:45	(34.7)	40.2	0.0	10.4
6/22/19 10:00	4.7	29.0	(6.0)	27.6	6/22/19 23:00	(27.0)	73.9	(0.0)	47.8
6/22/19 10:15	(30.7)	32.0	9.4	14.5	6/22/19 23:15	2.8	14.1	0.0	14.8
6/22/19 10:30	(12.5)	31.5	3.4	23.9	6/22/19 23:30	(26.6)	64.1	0.0	37.6
6/22/19 10:45	6.7	18.9	2.0	23.7	6/22/19 23:45	(7.9)	58.9	(0.0)	52.6
6/22/19 11:00	(10.8)	21.1	(17.6)	(9.4)	6/23/19 0:00	(21.6)	84.8	(0.0)	63.2
6/22/19 11:15	(18.9)	20.1	(6.5)	(13.8)	6/23/19 0:15	(35.6)	44.2	(0.0)	14.3
6/22/19 11:30	24.9	13.0	6.9	44.4	6/23/19 0:30	10.0	10.9	(0.0)	13.0
6/22/19 11:45	(24.9)	4.6	(1.9)	(21.9)	6/23/19 0:45	(11.2)	41.8	(0.0)	30.6
6/22/19 12:00	15.1	3.4	8.8	22.7	6/23/19 1:00	(32.1)	21.0	(0.0)	(16.0)
6/22/19 12:15	12.8	3.3	8.7	23.0	6/23/19 1:15	(8.3)	23.4	(0.0)	22.7
6/22/19 12:30	(36.0)	(6.6)	18.6	(23.7)	6/23/19 1:30	(6.0)	9.4	0.0	5.4
6/22/19 12:45	(4.5)	(8.6)	(5.4)	(15.6)	6/23/19 1:45	(30.7)	5.7	(0.0)	(32.1)
6/22/19 13:00	(9.2)	(7.7)	(4.1)	(18.8)	6/23/19 2:00	16.1	(51.3)	0.0	(41.3)
6/22/19 13:15	(2.4)	(1.0)	10.4	8.4	6/23/19 2:15	1.8	(83.6)	(0.0)	(83.3)
6/22/19 13:30	14.6	(2.5)	(4.4)	11.9	6/23/19 2:30	(9.7)	(20.3)	0.0	(23.6)
6/22/19 13:45	12.6	14.6	(34.2)	(13.3)	6/23/19 2:45	10.1	11.0	0.0	7.9
6/22/19 14:00	35.3	9.7	5.4	49.3	6/23/19 3:00	8.6	(20.8)	0.0	(16.1)
6/22/19 14:15	38.1	7.2	13.6	58.9	6/23/19 3:15	(29.0)	11.7	(0.0)	(21.8)
6/22/19 14:30	10.5	7.0	13.7	31.2	6/23/19 3:30	27.9	6.7	(0.0)	33.6
6/22/19 14:45	16.6	14.6	7.2	38.4	6/23/19 3:45	(20.2)	(27.5)	0.0	(41.9)
6/22/19 15:00	5.9	9.7	5.8	21.4	6/23/19 4:00	19.2	(28.5)	(0.0)	(10.7)
6/22/19 15:15	(8.8)	(2.6)	37.2	26.7	6/23/19 4:15	14.4	32.0	0.0	46.3
6/22/19 15:30	(20.4)	3.9	13.1	(9.7)	6/23/19 4:30	(28.2)	25.0	(0.0)	(6.7)
6/22/19 15:45	(20.1)	(7.4)	7.4	(17.5)	6/23/19 4:45	33.4	(19.9)	(0.0)	21.6
6/22/19 16:00	(3.1)	(45.8)	(6.4)	(54.0)	6/23/19 5:00	8.5	(31.2)	0.0	(24.8)
6/22/19 16:15	2.2	(30.5)	(19.1)	(45.8)	6/23/19 5:15	(16.2)	(16.4)	0.0	(32.3)
6/22/19 16:30	3.0	(16.9)	(13.2)	(9.9)	6/23/19 5:30	(25.4)	(18.2)	0.0	(41.3)
6/22/19 16:45	12.4	(68.4)	17.8	(39.7)	6/23/19 5:45	(19.4)	(5.8)	(0.4)	(23.9)
6/22/19 17:00	14.8	(120.5)	14.9	(91.2)	6/23/19 6:00	(16.8)	(24.7)	(1.3)	(42.6)
6/22/19 17:15	14.4	9.1	(2.4)	17.4	6/23/19 6:15	21.8	(47.7)	(5.3)	(31.4)
6/22/19 17:30	9.6	(16.4)	6.3	(5.9)	6/23/19 6:30	6.4	(37.1)	(7.7)	(38.3)
6/22/19 17:45	39.6	(125.1)	(0.8)	(86.4)	6/23/19 6:45	(22.0)	(12.5)	(25.5)	(58.6)
6/22/19 18:00	(15.0)	(80.1)	(13.3)	(106.5)	6/23/19 7:00	26.1	4.5	(26.5)	(13.9)
6/22/19 18:15	26.5	60.0	12.6	96.2	6/23/19 7:15	17.4	4.0	(12.9)	9.8
6/22/19 18:30	(17.5)	61.9	12.3	67.6	6/23/19 7:30	(20.7)	(3.5)	(24.0)	(45.5)
6/22/19 18:45	6.2	58.7	(1.3)	60.7	6/23/19 7:45	23.2	25.4	(18.1)	33.7
6/22/19 19:00	(14.1)	29.5	1.9	17.5	6/23/19 8:00	23.7	50.1	(4.7)	69.1
6/22/19 19:15	14.3	(38.3)	2.5	(29.4)	6/23/19 8:15	29.8	(9.7)	(4.1)	31.1
6/22/19 19:30	(8.3)	(12.5)	0.9	(8.9)	6/23/19 8:30	(20.1)	(24.2)	(2.2)	(40.6)
6/22/19 19:45	6.2	(46.7)	0.5	(41.5)	6/23/19 8:45	33.8	(79.7)	(0.8)	(47.4)
6/22/19 20:00	(14.6)	(72.0)	1.0	(79.5)	6/23/19 9:00	21.0	(70.7)	0.7	(49.5)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/23/19 9:15	(11.2)	(4.9)	1.9	(10.9)	6/23/19 22:15	(43.4)	(14.5)	(0.0)	(55.6)
6/23/19 9:30	27.7	(13.9)	9.5	24.5	6/23/19 22:30	(32.0)	(26.6)	(0.0)	(58.5)
6/23/19 9:45	27.2	13.3	(2.5)	37.5	6/23/19 22:45	(56.8)	(10.8)	0.0	(67.6)
6/23/19 10:00	23.5	(3.2)	(9.0)	12.6	6/23/19 23:00	(13.6)	(10.0)	0.0	(23.6)
6/23/19 10:15	(18.2)	(10.8)	2.2	(24.6)	6/23/19 23:15	(3.9)	(14.7)	(0.0)	(14.7)
6/23/19 10:30	42.5	41.2	1.9	83.6	6/23/19 23:30	(69.8)	(36.8)	0.0	(106.6)
6/23/19 10:45	17.1	62.9	8.1	88.1	6/23/19 23:45	22.8	(18.6)	(0.0)	9.3
6/23/19 11:00	(37.6)	27.2	(7.5)	(28.7)	6/24/19 0:00	(3.7)	21.2	(0.0)	19.4
6/23/19 11:15	17.2	17.8	3.6	32.1	6/24/19 0:15	(35.5)	16.3	(0.0)	(29.7)
6/23/19 11:30	8.5	(39.7)	5.1	(26.7)	6/24/19 0:30	(20.9)	(9.1)	(0.0)	(27.4)
6/23/19 11:45	(27.4)	(23.9)	(4.7)	(51.8)	6/24/19 0:45	(2.9)	12.2	(0.0)	11.6
6/23/19 12:00	4.9	50.7	1.2	52.9	6/24/19 1:00	(16.7)	(4.1)	(0.0)	(20.2)
6/23/19 12:15	10.8	64.3	3.8	77.7	6/24/19 1:15	(27.6)	(6.5)	(0.0)	(34.1)
6/23/19 12:30	(3.9)	19.0	5.2	22.5	6/24/19 1:30	9.8	(19.4)	0.0	(15.8)
6/23/19 12:45	(1.5)	5.1	2.1	5.2	6/24/19 1:45	(7.5)	(20.8)	(0.0)	(26.8)
6/23/19 13:00	4.3	17.8	(1.7)	20.8	6/24/19 2:00	(29.9)	(47.2)	0.0	(77.1)
6/23/19 13:15	(10.7)	(16.4)	2.6	(24.0)	6/24/19 2:15	52.8	(41.8)	(0.0)	16.0
6/23/19 13:30	(11.4)	(56.9)	(6.6)	(74.8)	6/24/19 2:30	18.4	(52.1)	0.0	(33.8)
6/23/19 13:45	(3.4)	(104.8)	6.8	(100.3)	6/24/19 2:45	(19.1)	(59.7)	0.0	(77.0)
6/23/19 14:00	(5.8)	(171.6)	3.6	(175.6)	6/24/19 3:00	15.9	(17.1)	0.0	(15.5)
6/23/19 14:15	33.5	(47.8)	(17.8)	(38.2)	6/24/19 3:15	6.2	26.2	(0.0)	30.0
6/23/19 14:30	14.8	(42.0)	49.0	26.1	6/24/19 3:30	(15.8)	(33.8)	(0.0)	(43.1)
6/23/19 14:45	4.9	60.9	(33.8)	43.6	6/24/19 3:45	17.3	(39.9)	0.0	(26.6)
6/23/19 15:00	(4.7)	(13.2)	(10.3)	(8.6)	6/24/19 4:00	19.7	(12.7)	(0.0)	25.0
6/23/19 15:15	(4.2)	(61.3)	(7.2)	(71.3)	6/24/19 4:15	(12.8)	27.5	(0.0)	31.4
6/23/19 15:30	7.7	(18.2)	5.2	(15.4)	6/24/19 4:30	25.1	(25.9)	(0.0)	(11.3)
6/23/19 15:45	2.7	(15.0)	3.0	(11.5)	6/24/19 4:45	25.2	(16.5)	0.0	9.3
6/23/19 16:00	(17.2)	(29.0)	19.8	(36.6)	6/24/19 5:00	8.3	(3.5)	(0.0)	6.2
6/23/19 16:15	8.8	(44.4)	29.5	(11.5)	6/24/19 5:15	32.9	12.0	(0.0)	44.9
6/23/19 16:30	25.4	(2.9)	4.3	24.9	6/24/19 5:30	14.4	(7.7)	0.0	7.5
6/23/19 16:45	28.6	8.1	(10.5)	24.6	6/24/19 5:45	(13.5)	(8.0)	(0.6)	(17.6)
6/23/19 17:00	30.4	15.0	(29.7)	27.8	6/24/19 6:00	47.2	(13.7)	(3.4)	30.9
6/23/19 17:15	18.0	(15.5)	(20.9)	(25.1)	6/24/19 6:15	40.9	(10.1)	(12.1)	20.0
6/23/19 17:30	23.2	36.0	(4.3)	57.0	6/24/19 6:30	18.0	(23.7)	(17.0)	(30.7)
6/23/19 17:45	(34.5)	(35.3)	4.8	(66.6)	6/24/19 6:45	36.8	(4.0)	(20.1)	19.9
6/23/19 18:00	18.7	(28.6)	4.6	34.4	6/24/19 7:00	10.7	(15.1)	(20.2)	(32.7)
6/23/19 18:15	47.2	57.6	2.9	107.7	6/24/19 7:15	(6.8)	6.8	(19.0)	(18.6)
6/23/19 18:30	10.4	37.7	11.4	59.5	6/24/19 7:30	13.7	49.6	(16.5)	43.4
6/23/19 18:45	14.5	24.3	18.0	56.1	6/24/19 7:45	24.2	77.3	(12.0)	89.5
6/23/19 19:00	(6.1)	84.7	20.4	99.0	6/24/19 8:00	14.9	114.4	(5.2)	119.5
6/23/19 19:15	(13.9)	92.4	19.1	97.7	6/24/19 8:15	28.7	84.8	(3.9)	109.6
6/23/19 19:30	(3.0)	100.6	18.0	116.7	6/24/19 8:30	13.7	27.8	(1.9)	39.6
6/23/19 19:45	(2.3)	66.9	15.2	79.7	6/24/19 8:45	10.4	(10.2)	(1.4)	(8.7)
6/23/19 20:00	(24.3)	23.9	11.6	16.2	6/24/19 9:00	22.4	(4.5)	(0.9)	22.6
6/23/19 20:15	(19.8)	23.4	3.9	12.8	6/24/19 9:15	21.1	7.5	(0.6)	27.7
6/23/19 20:30	3.9	34.2	0.9	38.8	6/24/19 9:30	10.8	7.0	(0.7)	15.2
6/23/19 20:45	15.9	38.0	0.0	53.9	6/24/19 9:45	5.6	(6.4)	(0.4)	(6.1)
6/23/19 21:00	7.8	54.5	(0.0)	55.6	6/24/19 10:00	32.0	4.1	(0.2)	32.5
6/23/19 21:15	(28.7)	26.4	0.0	(4.3)	6/24/19 10:15	4.4	11.7	0.1	16.1
6/23/19 21:30	(24.8)	(25.8)	0.0	(50.6)	6/24/19 10:30	(9.6)	15.0	(0.2)	12.5
6/23/19 21:45	(20.8)	21.4	(0.0)	3.3	6/24/19 10:45	23.1	26.8	(0.2)	49.6
6/23/19 22:00	(17.6)	13.4	0.0	(9.6)	6/24/19 11:00	14.9	18.6	1.3	34.8

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/24/19 11:15	(23.5)	5.8	(0.1)	(20.6)	6/25/19 0:15	(19.9)	19.5	(0.0)	12.7
6/24/19 11:30	11.7	(17.0)	(0.1)	(16.3)	6/25/19 0:30	(20.3)	30.1	(0.0)	10.6
6/24/19 11:45	30.2	(15.3)	(0.1)	14.8	6/25/19 0:45	(31.9)	76.2	0.0	44.3
6/24/19 12:00	(6.8)	(40.8)	(0.0)	(46.4)	6/25/19 1:00	(21.6)	11.8	0.0	(17.5)
6/24/19 12:15	(12.9)	(30.8)	0.0	(40.6)	6/25/19 1:15	9.7	13.5	(0.0)	20.0
6/24/19 12:30	39.8	(22.0)	(0.1)	17.8	6/25/19 1:30	(16.8)	7.6	(0.0)	(9.4)
6/24/19 12:45	39.0	(1.9)	0.0	37.7	6/25/19 1:45	(20.4)	36.5	(0.0)	27.6
6/24/19 13:00	18.7	(15.0)	1.6	(15.0)	6/25/19 2:00	(7.6)	75.5	0.0	70.5
6/24/19 13:15	27.4	(31.8)	1.1	(12.1)	6/25/19 2:15	(11.2)	45.2	0.0	35.6
6/24/19 13:30	14.2	(31.7)	5.1	(15.6)	6/25/19 2:30	(35.8)	57.6	0.0	21.8
6/24/19 13:45	(22.9)	(9.4)	2.2	(31.5)	6/25/19 2:45	(12.1)	44.6	0.0	32.5
6/24/19 14:00	6.4	(6.9)	(3.6)	(4.5)	6/25/19 3:00	31.6	18.6	(0.0)	49.5
6/24/19 14:15	(8.6)	(15.2)	(0.5)	(20.4)	6/25/19 3:15	3.5	9.6	(0.0)	11.3
6/24/19 14:30	31.3	(11.3)	1.8	27.5	6/25/19 3:30	(21.6)	1.7	0.0	(21.7)
6/24/19 14:45	21.6	(29.5)	1.8	(11.1)	6/25/19 3:45	14.6	(23.1)	(0.0)	(11.7)
6/24/19 15:00	24.6	(18.1)	13.0	17.8	6/25/19 4:00	6.5	(11.8)	0.0	(10.4)
6/24/19 15:15	10.8	10.8	(9.6)	14.2	6/25/19 4:15	10.5	(5.1)	(0.0)	(11.4)
6/24/19 15:30	18.4	(9.9)	9.0	16.4	6/25/19 4:30	14.0	5.6	0.0	19.5
6/24/19 15:45	(5.2)	22.6	22.9	42.1	6/25/19 4:45	20.3	6.8	(0.0)	27.1
6/24/19 16:00	(9.9)	40.8	15.8	51.8	6/25/19 5:00	26.3	7.8	(0.0)	34.0
6/24/19 16:15	18.3	37.2	6.1	61.5	6/25/19 5:15	6.9	(5.6)	0.0	(9.4)
6/24/19 16:30	14.1	31.0	0.9	45.5	6/25/19 5:30	(22.5)	12.5	(0.0)	(11.7)
6/24/19 16:45	19.9	14.2	(14.4)	20.4	6/25/19 5:45	11.6	22.2	(0.4)	30.9
6/24/19 17:00	15.2	(7.1)	(28.5)	(19.0)	6/25/19 6:00	(6.8)	29.1	(3.1)	26.0
6/24/19 17:15	46.2	20.3	(5.5)	61.0	6/25/19 6:15	57.7	37.6	(11.0)	84.4
6/24/19 17:30	22.2	46.8	6.4	72.2	6/25/19 6:30	24.3	34.7	(16.5)	42.5
6/24/19 17:45	9.4	51.2	41.3	99.4	6/25/19 6:45	7.4	6.2	(20.1)	(14.6)
6/24/19 18:00	(22.4)	32.5	16.3	26.8	6/25/19 7:00	38.2	2.8	(19.8)	27.7
6/24/19 18:15	23.8	10.7	38.1	69.5	6/25/19 7:15	20.2	17.9	(18.3)	19.9
6/24/19 18:30	8.9	35.4	3.3	47.6	6/25/19 7:30	21.8	11.9	(15.5)	18.5
6/24/19 18:45	(21.2)	29.4	(5.1)	24.2	6/25/19 7:45	56.8	13.4	(12.0)	58.1
6/24/19 19:00	(9.9)	(1.4)	5.7	4.5	6/25/19 8:00	13.8	10.6	(6.5)	16.4
6/24/19 19:15	(5.2)	(6.2)	3.8	(7.5)	6/25/19 8:15	16.6	4.6	(4.9)	17.1
6/24/19 19:30	(22.0)	(30.2)	5.8	(47.5)	6/25/19 8:30	28.9	3.3	(2.1)	30.1
6/24/19 19:45	(23.4)	(11.4)	8.5	(27.1)	6/25/19 8:45	7.3	0.5	(1.8)	6.0
6/24/19 20:00	(8.5)	(3.9)	2.6	(10.5)	6/25/19 9:00	(22.4)	0.4	(0.7)	(22.7)
6/24/19 20:15	(19.9)	(24.7)	1.8	(42.7)	6/25/19 9:15	29.1	0.7	0.4	30.0
6/24/19 20:30	(12.2)	(7.0)	0.5	(18.0)	6/25/19 9:30	25.9	(0.4)	(0.7)	25.4
6/24/19 20:45	12.9	(34.3)	(0.0)	(26.2)	6/25/19 9:45	7.7	(3.0)	(1.3)	(8.9)
6/24/19 21:00	6.1	(62.0)	(0.0)	(60.2)	6/25/19 10:00	35.1	(7.3)	4.6	32.3
6/24/19 21:15	(22.2)	(27.4)	(0.0)	(49.4)	6/25/19 10:15	16.3	(2.6)	(1.0)	13.2
6/24/19 21:30	(27.5)	(29.4)	(0.0)	(56.9)	6/25/19 10:30	(8.7)	(2.2)	1.8	(10.0)
6/24/19 21:45	(41.7)	(80.6)	0.0	(122.3)	6/25/19 10:45	26.7	(4.1)	(1.5)	21.6
6/24/19 22:00	(82.8)	(97.9)	(0.0)	(180.7)	6/25/19 11:00	25.1	(10.5)	(1.2)	13.4
6/24/19 22:15	(50.7)	(26.3)	0.0	(68.7)	6/25/19 11:15	5.6	(15.9)	0.6	(15.1)
6/24/19 22:30	(43.0)	9.8	(0.0)	(39.4)	6/25/19 11:30	30.6	(10.9)	(0.7)	21.6
6/24/19 22:45	12.8	(48.3)	(0.0)	(41.5)	6/25/19 11:45	29.3	(11.9)	0.9	17.8
6/24/19 23:00	(18.3)	(50.4)	0.0	(55.1)	6/25/19 12:00	25.0	(19.7)	1.6	10.5
6/24/19 23:15	(75.3)	(11.2)	0.0	(86.5)	6/25/19 12:15	15.0	(15.8)	(1.8)	(12.7)
6/24/19 23:30	(35.4)	15.5	(0.0)	(20.0)	6/25/19 12:30	33.9	(32.2)	1.8	4.9
6/24/19 23:45	(27.5)	23.2	0.0	(7.7)	6/25/19 12:45	36.4	(43.2)	(2.2)	(17.8)
6/25/19 0:00	(55.6)	7.7	(0.0)	(50.1)	6/25/19 13:00	(21.4)	(29.8)	3.7	(50.1)

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	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/25/19 13:15	11.0	(22.6)	(2.0)	(13.5)	6/26/19 2:15	(20.4)	15.8	(0.0)	(14.1)
6/25/19 13:30	15.4	(22.1)	1.9	(10.1)	6/26/19 2:30	(22.6)	(1.6)	0.0	(23.9)
6/25/19 13:45	17.9	(23.6)	4.7	(8.1)	6/26/19 2:45	18.4	10.5	0.0	25.9
6/25/19 14:00	(9.2)	(14.2)	5.0	(21.0)	6/26/19 3:00	3.3	(12.0)	0.0	(8.7)
6/25/19 14:15	(6.2)	(27.7)	15.7	(20.9)	6/26/19 3:15	(17.8)	14.8	(0.0)	(19.1)
6/25/19 14:30	9.5	18.4	(3.7)	28.3	6/26/19 3:30	17.9	29.2	0.0	47.1
6/25/19 14:45	(2.3)	42.0	6.0	47.0	6/26/19 3:45	4.4	(15.7)	(0.0)	(12.9)
6/25/19 15:00	(3.9)	36.0	5.0	34.6	6/26/19 4:00	(34.2)	12.6	0.0	(29.5)
6/25/19 15:15	14.3	(21.3)	4.5	(6.0)	6/26/19 4:15	34.7	(57.5)	0.0	(25.3)
6/25/19 15:30	7.9	(21.5)	14.0	1.9	6/26/19 4:30	18.7	30.4	0.0	48.2
6/25/19 15:45	3.1	7.6	4.5	12.9	6/26/19 4:45	6.7	(40.3)	0.1	(39.7)
6/25/19 16:00	11.8	(45.4)	(9.5)	(43.0)	6/26/19 5:00	18.5	13.2	0.0	30.5
6/25/19 16:15	13.1	(49.6)	12.2	(24.6)	6/26/19 5:15	36.3	36.2	(0.0)	72.5
6/25/19 16:30	8.7	(96.9)	12.2	(76.1)	6/26/19 5:30	(11.0)	41.8	0.0	36.6
6/25/19 16:45	2.5	(48.1)	19.4	(31.3)	6/26/19 5:45	12.7	69.4	(0.4)	76.1
6/25/19 17:00	(3.7)	(13.8)	(20.5)	(32.4)	6/26/19 6:00	31.8	61.5	(3.5)	89.9
6/25/19 17:15	3.3	51.7	7.1	55.9	6/26/19 6:15	24.0	28.2	(8.4)	43.7
6/25/19 17:30	32.0	(13.5)	5.3	34.4	6/26/19 6:30	27.2	34.0	(7.1)	54.1
6/25/19 17:45	9.3	(24.8)	5.5	(17.0)	6/26/19 6:45	20.4	11.2	(15.9)	14.7
6/25/19 18:00	(18.5)	59.0	(22.4)	26.1	6/26/19 7:00	(12.4)	(10.9)	(12.6)	(29.9)
6/25/19 18:15	25.2	127.0	36.3	188.5	6/26/19 7:15	46.0	13.7	(15.4)	44.3
6/25/19 18:30	5.3	114.8	11.9	131.5	6/26/19 7:30	32.6	24.9	5.0	58.4
6/25/19 18:45	(25.5)	27.0	6.9	27.7	6/26/19 7:45	9.1	32.9	12.1	42.8
6/25/19 19:00	7.6	(7.0)	12.2	14.5	6/26/19 8:00	37.3	37.6	(19.8)	55.8
6/25/19 19:15	(6.8)	(25.2)	2.5	(28.7)	6/26/19 8:15	9.8	41.5	2.4	53.5
6/25/19 19:30	(28.1)	(17.3)	3.5	(42.5)	6/26/19 8:30	(14.8)	25.5	5.5	21.3
6/25/19 19:45	(35.8)	(34.6)	3.8	(66.9)	6/26/19 8:45	26.8	25.8	7.1	58.1
6/25/19 20:00	(11.9)	(72.3)	3.6	(80.8)	6/26/19 9:00	22.6	19.1	4.4	46.0
6/25/19 20:15	(16.7)	(72.8)	3.1	(86.4)	6/26/19 9:15	9.0	5.8	11.3	25.8
6/25/19 20:30	10.2	(32.2)	0.5	(21.5)	6/26/19 9:30	16.2	0.5	3.5	19.6
6/25/19 20:45	6.5	(22.3)	0.0	(16.0)	6/26/19 9:45	5.3	0.5	(11.5)	(10.3)
6/25/19 21:00	18.3	(53.9)	0.0	(37.2)	6/26/19 10:00	(16.5)	(6.8)	(4.8)	(24.5)
6/25/19 21:15	(9.2)	(14.8)	0.0	(22.7)	6/26/19 10:15	30.6	(5.0)	(9.6)	18.8
6/25/19 21:30	(17.3)	(19.7)	(0.0)	(35.1)	6/26/19 10:30	45.2	(2.4)	(5.3)	38.2
6/25/19 21:45	(62.8)	(50.2)	0.0	(113.0)	6/26/19 10:45	(12.1)	(12.2)	9.5	(14.4)
6/25/19 22:00	(35.9)	(21.3)	0.0	(57.3)	6/26/19 11:00	40.2	(4.5)	(7.1)	29.7
6/25/19 22:15	(55.4)	(28.8)	0.0	(84.2)	6/26/19 11:15	37.9	(9.1)	(12.6)	16.2
6/25/19 22:30	(70.9)	(44.8)	(0.0)	(115.7)	6/26/19 11:30	27.9	(9.5)	9.6	28.1
6/25/19 22:45	(20.9)	(9.4)	0.0	(30.1)	6/26/19 11:45	(23.4)	(28.7)	(6.0)	(56.6)
6/25/19 23:00	(40.5)	(58.2)	0.0	(98.7)	6/26/19 12:00	53.3	(28.3)	(6.3)	19.3
6/25/19 23:15	(36.8)	(28.1)	(0.0)	(64.6)	6/26/19 12:15	35.3	(25.5)	(18.7)	(9.3)
6/25/19 23:30	(49.5)	(25.3)	(0.0)	(74.9)	6/26/19 12:30	19.6	(18.7)	5.9	5.4
6/25/19 23:45	(45.0)	44.8	0.0	(6.9)	6/26/19 12:45	34.6	(8.5)	6.8	32.9
6/26/19 0:00	(57.6)	41.3	(0.0)	(24.5)	6/26/19 13:00	15.8	(33.5)	(14.9)	(35.2)
6/26/19 0:15	(24.3)	107.6	(0.0)	87.6	6/26/19 13:15	(26.1)	(55.7)	15.8	(64.5)
6/26/19 0:30	(8.1)	(29.8)	(0.0)	(35.9)	6/26/19 13:30	50.8	(48.2)	5.4	17.5
6/26/19 0:45	(43.0)	23.8	0.0	(22.2)	6/26/19 13:45	39.8	(82.7)	5.6	(38.9)
6/26/19 1:00	(10.5)	41.4	(0.0)	38.3	6/26/19 14:00	27.1	(67.8)	(20.0)	(60.7)
6/26/19 1:15	(30.9)	30.1	(0.0)	(4.9)	6/26/19 14:15	57.5	(32.1)	5.1	30.0
6/26/19 1:30	(31.0)	20.8	(0.0)	(13.1)	6/26/19 14:30	16.0	(64.3)	(7.0)	(55.8)
6/26/19 1:45	(9.4)	22.9	(0.0)	22.8	6/26/19 14:45	(11.9)	(39.7)	(9.3)	(59.6)
6/26/19 2:00	(7.6)	11.3	0.0	3.9	6/26/19 15:00	25.8	(52.9)	16.5	(14.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/26/19 15:15	(6.5)	(24.7)	6.5	(22.2)	6/27/19 4:15	14.8	10.5	0.0	25.3
6/26/19 15:30	8.3	(10.3)	(8.5)	(18.0)	6/27/19 4:30	(19.3)	9.3	(0.0)	(12.1)
6/26/19 15:45	39.9	(21.7)	4.0	21.8	6/27/19 4:45	29.2	(6.4)	(0.0)	26.8
6/26/19 16:00	(10.4)	(42.9)	21.4	(32.0)	6/27/19 5:00	29.4	(40.9)	0.0	(14.5)
6/26/19 16:15	5.9	(79.2)	6.0	(73.7)	6/27/19 5:15	16.1	(16.7)	(0.0)	(11.9)
6/26/19 16:30	36.1	(10.7)	6.8	39.2	6/27/19 5:30	(25.3)	(5.0)	0.0	(30.3)
6/26/19 16:45	5.2	61.3	(13.3)	53.2	6/27/19 5:45	19.1	(10.3)	(1.5)	10.0
6/26/19 17:00	(17.1)	63.6	(3.1)	47.1	6/27/19 6:00	15.4	22.3	(2.4)	35.3
6/26/19 17:15	18.1	98.6	19.2	123.6	6/27/19 6:15	47.6	54.4	(2.8)	99.3
6/26/19 17:30	18.0	98.5	20.9	129.7	6/27/19 6:30	26.1	11.7	(12.9)	23.5
6/26/19 17:45	(24.8)	59.7	(15.7)	28.6	6/27/19 6:45	19.8	19.0	(10.2)	25.3
6/26/19 18:00	27.4	34.7	(14.4)	57.9	6/27/19 7:00	76.0	20.1	(4.8)	91.2
6/26/19 18:15	6.6	22.5	17.1	38.4	6/27/19 7:15	14.7	27.6	(7.5)	34.8
6/26/19 18:30	(4.4)	(24.9)	8.6	(17.9)	6/27/19 7:30	8.1	40.7	(15.9)	32.9
6/26/19 18:45	(29.2)	25.2	15.0	16.1	6/27/19 7:45	24.9	7.5	1.9	29.0
6/26/19 19:00	25.4	(22.5)	9.0	23.8	6/27/19 8:00	39.3	56.4	(14.2)	81.4
6/26/19 19:15	(6.0)	(10.0)	8.2	(9.6)	6/27/19 8:15	29.8	61.0	(13.4)	77.4
6/26/19 19:30	(22.4)	30.7	10.8	19.3	6/27/19 8:30	(7.9)	21.2	(15.4)	8.5
6/26/19 19:45	(21.6)	(21.7)	1.7	(40.3)	6/27/19 8:45	16.3	35.6	5.9	53.8
6/26/19 20:00	(24.7)	(45.5)	10.6	(59.7)	6/27/19 9:00	33.6	23.9	8.3	65.8
6/26/19 20:15	(30.4)	(13.1)	3.1	(34.3)	6/27/19 9:15	23.2	22.5	(9.6)	36.1
6/26/19 20:30	8.6	17.5	1.2	19.4	6/27/19 9:30	28.1	(4.3)	(4.9)	23.6
6/26/19 20:45	2.7	(5.9)	(0.0)	(5.0)	6/27/19 9:45	19.9	(9.4)	(20.7)	(13.7)
6/26/19 21:00	(30.2)	(19.0)	0.0	(49.2)	6/27/19 10:00	40.7	(12.3)	(0.4)	28.2
6/26/19 21:15	(15.0)	(17.3)	0.0	(31.4)	6/27/19 10:15	62.5	(8.8)	(0.4)	53.3
6/26/19 21:30	(28.1)	(19.9)	(0.0)	(48.0)	6/27/19 10:30	44.4	(14.9)	(0.3)	29.4
6/26/19 21:45	(56.2)	(37.4)	0.0	(93.7)	6/27/19 10:45	10.3	(16.3)	1.4	(11.4)
6/26/19 22:00	(61.0)	(22.9)	0.0	(83.9)	6/27/19 11:00	55.3	(15.5)	0.6	40.2
6/26/19 22:15	(37.2)	(31.1)	(0.0)	(68.2)	6/27/19 11:15	29.1	(19.8)	4.1	13.5
6/26/19 22:30	(71.7)	(5.0)	0.0	(73.9)	6/27/19 11:30	13.6	(2.7)	7.2	15.2
6/26/19 22:45	(51.8)	(19.2)	(0.0)	(71.1)	6/27/19 11:45	16.5	(4.0)	8.9	14.2
6/26/19 23:00	(53.2)	(9.9)	(0.0)	(63.1)	6/27/19 12:00	28.8	5.3	(12.7)	21.4
6/26/19 23:15	(52.8)	(26.9)	0.0	(79.7)	6/27/19 12:15	16.9	9.9	(5.0)	21.5
6/26/19 23:30	(35.0)	(23.0)	0.0	(58.0)	6/27/19 12:30	11.1	7.6	(1.2)	17.3
6/26/19 23:45	(42.8)	26.9	(0.0)	(28.8)	6/27/19 12:45	38.5	(3.7)	(5.7)	31.3
6/27/19 0:00	(52.6)	85.6	(0.0)	33.0	6/27/19 13:00	44.8	5.1	(1.0)	49.7
6/27/19 0:15	(18.3)	33.8	(0.0)	20.3	6/27/19 13:15	7.3	6.9	5.3	18.7
6/27/19 0:30	(25.9)	23.1	(0.0)	(18.0)	6/27/19 13:30	(12.8)	10.0	6.8	11.6
6/27/19 0:45	(37.8)	38.1	(0.0)	10.6	6/27/19 13:45	16.0	4.1	(2.3)	16.7
6/27/19 1:00	(11.8)	28.7	0.0	25.0	6/27/19 14:00	20.5	(7.9)	(4.7)	9.0
6/27/19 1:15	(2.6)	12.9	(0.0)	10.5	6/27/19 14:15	25.6	2.2	1.4	26.8
6/27/19 1:30	(33.9)	13.3	0.0	(20.6)	6/27/19 14:30	18.3	2.5	2.8	21.2
6/27/19 1:45	(13.5)	9.7	0.0	8.3	6/27/19 14:45	42.1	13.2	4.4	59.6
6/27/19 2:00	(15.4)	1.9	(0.0)	(15.5)	6/27/19 15:00	35.5	11.8	2.5	47.0
6/27/19 2:15	(25.3)	28.4	0.0	5.5	6/27/19 15:15	24.3	6.9	(4.7)	23.8
6/27/19 2:30	(8.4)	26.6	0.0	24.8	6/27/19 15:30	53.6	(21.0)	3.3	35.0
6/27/19 2:45	(9.0)	7.3	(0.0)	(2.5)	6/27/19 15:45	23.3	(13.5)	12.7	22.1
6/27/19 3:00	(31.6)	17.0	(0.0)	(16.4)	6/27/19 16:00	22.8	(11.1)	8.4	14.8
6/27/19 3:15	(12.3)	(31.9)	0.0	(33.0)	6/27/19 16:15	29.2	(26.5)	6.9	7.6
6/27/19 3:30	(3.0)	(11.2)	(0.0)	(11.8)	6/27/19 16:30	23.3	(69.3)	14.6	(35.5)
6/27/19 3:45	(20.3)	(8.0)	(0.0)	(28.3)	6/27/19 16:45	(15.5)	(44.8)	(12.2)	(70.2)
6/27/19 4:00	13.6	(7.3)	0.0	12.4	6/27/19 17:00	19.0	(17.0)	5.0	10.6

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/27/19 17:15	7.4	(65.2)	14.4	(44.8)	6/28/19 6:15	63.4	(42.8)	(8.3)	13.1
6/27/19 17:30	(22.0)	(64.8)	(13.8)	(99.6)	6/28/19 6:30	(8.5)	(16.6)	(11.9)	(29.0)
6/27/19 17:45	12.9	(68.4)	4.6	(62.9)	6/28/19 6:45	40.9	(14.7)	(7.4)	20.8
6/27/19 18:00	13.9	(60.1)	22.0	(32.2)	6/28/19 7:00	29.8	(11.1)	(3.3)	15.4
6/27/19 18:15	(9.9)	15.2	15.9	26.7	6/28/19 7:15	17.0	(2.3)	(7.5)	7.3
6/27/19 18:30	(25.3)	15.0	6.7	(10.0)	6/28/19 7:30	15.7	(1.5)	(15.9)	(1.9)
6/27/19 18:45	15.8	8.3	(12.0)	16.5	6/28/19 7:45	15.7	(1.5)	1.9	15.4
6/27/19 19:00	(14.3)	(14.4)	14.8	(15.1)	6/28/19 8:00	15.7	(1.5)	(14.2)	(1.3)
6/27/19 19:15	(33.6)	(75.3)	15.2	(93.4)	6/28/19 8:15	15.7	(1.5)	(13.4)	2.5
6/27/19 19:30	27.6	(39.4)	6.9	(7.8)	6/28/19 8:30	15.7	(1.5)	(15.4)	(4.9)
6/27/19 19:45	(20.8)	(8.9)	4.9	(24.8)	6/28/19 8:45	15.7	(1.5)	5.9	19.0
6/27/19 20:00	(42.1)	(13.6)	4.8	(50.8)	6/28/19 9:00	15.7	(1.5)	8.3	22.4
6/27/19 20:15	(35.5)	(3.6)	4.8	(33.6)	6/28/19 9:15	15.7	(1.5)	(9.6)	4.6
6/27/19 20:30	(22.8)	(32.7)	3.4	(52.1)	6/28/19 9:30	15.7	(1.5)	(4.9)	12.2
6/27/19 20:45	(16.6)	(83.0)	0.6	(94.6)	6/28/19 9:45	15.7	(1.5)	(20.7)	(7.9)
6/27/19 21:00	15.6	(73.2)	(0.0)	(57.6)	6/28/19 10:00	15.7	(1.5)	(0.4)	13.9
6/27/19 21:15	(20.4)	(7.1)	0.0	(25.1)	6/28/19 10:15	15.7	(1.5)	(0.4)	13.7
6/27/19 21:30	(47.7)	(72.7)	(0.0)	(120.2)	6/28/19 10:30	15.7	(1.5)	(0.3)	13.9
6/27/19 21:45	(30.9)	(8.1)	(0.0)	(37.3)	6/28/19 10:45	15.7	(1.5)	1.4	15.5
6/27/19 22:00	(60.0)	(80.4)	(0.0)	(140.4)	6/28/19 11:00	15.7	(1.5)	0.6	14.5
6/27/19 22:15	(70.3)	(30.7)	0.0	(93.6)	6/28/19 11:15	15.7	(1.5)	4.1	18.3
6/27/19 22:30	(58.0)	87.9	0.0	29.9	6/28/19 11:30	15.7	(1.5)	7.2	21.3
6/27/19 22:45	(57.0)	(11.7)	(0.0)	(59.9)	6/28/19 11:45	15.7	(1.5)	8.9	22.8
6/27/19 23:00	(82.8)	36.4	(0.0)	(73.4)	6/28/19 12:00	15.7	(1.5)	(12.7)	3.0
6/27/19 23:15	(21.5)	29.2	0.0	(38.4)	6/28/19 12:15	15.7	(1.5)	(5.0)	9.2
6/27/19 23:30	(44.5)	18.1	(0.0)	(30.8)	6/28/19 12:30	15.7	(1.5)	(1.2)	13.1
6/27/19 23:45	(78.4)	83.3	(0.0)	9.6	6/28/19 12:45	15.7	(1.5)	(5.7)	9.4
6/28/19 0:00	(15.1)	27.2	(0.0)	18.3	6/28/19 13:00	15.7	(1.5)	(1.0)	14.0
6/28/19 0:15	(37.4)	6.4	(0.0)	(31.3)	6/28/19 13:15	15.7	(1.5)	5.3	18.9
6/28/19 0:30	(57.6)	49.7	(0.0)	(10.1)	6/28/19 13:30	15.7	(1.5)	6.8	21.0
6/28/19 0:45	(16.5)	22.0	0.0	7.1	6/28/19 13:45	15.7	(1.5)	(2.3)	12.0
6/28/19 1:00	(24.2)	16.1	0.0	(8.2)	6/28/19 14:00	15.7	(1.5)	(4.7)	9.6
6/28/19 1:15	(52.0)	15.0	(0.0)	(44.9)	6/28/19 14:15	15.7	(1.5)	1.4	15.4
6/28/19 1:30	(6.7)	82.3	(0.0)	76.2	6/28/19 14:30	15.7	(1.5)	2.8	15.3
6/28/19 1:45	(25.0)	36.1	(0.0)	11.1	6/28/19 14:45	15.7	(1.5)	4.4	18.6
6/28/19 2:00	(41.4)	25.3	(0.0)	(18.8)	6/28/19 15:00	15.7	(1.5)	2.5	15.2
6/28/19 2:15	(10.3)	21.5	(0.0)	14.3	6/28/19 15:15	15.7	(1.5)	(4.7)	13.2
6/28/19 2:30	(13.6)	11.8	0.0	(1.8)	6/28/19 15:30	15.7	(1.5)	3.3	16.7
6/28/19 2:45	(37.9)	44.6	0.0	9.1	6/28/19 15:45	15.7	(1.5)	12.7	26.9
6/28/19 3:00	8.2	22.1	0.0	25.0	6/28/19 16:00	15.7	(1.5)	8.4	19.0
6/28/19 3:15	(5.4)	21.9	0.0	16.5	6/28/19 16:15	15.7	(1.5)	6.9	15.0
6/28/19 3:30	(19.0)	13.3	(0.0)	(7.3)	6/28/19 16:30	15.7	(1.5)	14.6	24.7
6/28/19 3:45	8.4	(4.0)	0.0	5.0	6/28/19 16:45	15.7	(1.5)	(12.2)	8.0
6/28/19 4:00	6.1	5.9	(0.0)	12.0	6/28/19 17:00	15.7	(1.5)	5.0	16.7
6/28/19 4:15	(11.3)	(3.9)	0.0	(14.7)	6/28/19 17:15	15.7	(1.5)	14.4	28.6
6/28/19 4:30	22.6	(19.9)	(0.0)	20.4	6/28/19 17:30	15.7	(1.5)	(13.8)	6.0
6/28/19 4:45	9.6	33.5	0.0	41.4	6/28/19 17:45	15.7	(1.5)	4.6	18.0
6/28/19 5:00	(10.1)	76.8	(0.0)	76.8	6/28/19 18:00	15.7	(1.5)	22.0	36.2
6/28/19 5:15	20.8	58.0	(0.0)	74.3	6/28/19 18:15	15.7	(1.5)	15.9	29.6
6/28/19 5:30	6.6	20.0	0.0	25.9	6/28/19 18:30	15.7	(1.5)	6.7	20.8
6/28/19 5:45	(18.6)	(16.8)	(0.4)	(35.0)	6/28/19 18:45	15.7	(1.5)	(12.0)	2.8
6/28/19 6:00	48.3	(44.8)	(3.2)	10.5	6/28/19 19:00	15.7	(1.5)	14.8	27.8

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/28/19 19:15	15.7	(1.5)	15.2	29.4	6/29/19 8:15	55.2	(1.0)	(7.9)	47.7
6/28/19 19:30	15.7	(1.5)	6.9	21.1	6/29/19 8:30	65.4	(2.2)	7.0	70.1
6/28/19 19:45	25.9	(7.4)	4.9	23.4	6/29/19 8:45	37.0	(21.5)	(1.8)	16.0
6/28/19 20:00	11.4	(56.1)	4.8	(47.1)	6/29/19 9:00	36.4	(36.4)	(10.4)	(10.5)
6/28/19 20:15	(18.0)	(30.5)	4.8	(43.7)	6/29/19 9:15	41.6	(22.9)	(2.9)	20.1
6/28/19 20:30	13.9	(29.0)	3.4	(23.7)	6/29/19 9:30	73.4	(18.3)	4.9	60.1
6/28/19 20:45	(3.3)	(47.2)	0.6	(46.7)	6/29/19 9:45	51.6	(6.6)	(5.0)	40.0
6/28/19 21:00	(39.5)	(41.2)	0.1	(80.4)	6/29/19 10:00	20.5	(11.1)	1.7	12.4
6/28/19 21:15	(8.7)	(31.9)	0.0	(36.8)	6/29/19 10:15	61.1	(32.1)	2.0	30.6
6/28/19 21:30	(41.7)	(23.5)	(0.0)	(65.2)	6/29/19 10:30	45.1	(52.7)	(2.7)	(10.7)
6/28/19 21:45	(89.9)	(30.9)	0.0	(120.9)	6/29/19 10:45	26.0	(40.8)	(4.6)	(20.5)
6/28/19 22:00	(40.0)	(16.4)	(0.0)	(47.0)	6/29/19 11:00	7.3	(23.8)	(1.6)	(18.5)
6/28/19 22:15	(20.6)	12.6	0.0	(12.5)	6/29/19 11:15	38.3	(40.1)	(1.1)	(6.6)
6/28/19 22:30	(72.3)	41.6	(0.0)	(30.7)	6/29/19 11:30	62.2	(62.6)	2.1	4.8
6/28/19 22:45	(45.7)	8.7	0.0	(43.4)	6/29/19 11:45	44.3	(62.6)	(1.6)	(19.9)
6/28/19 23:00	(53.2)	16.9	0.0	(38.2)	6/29/19 12:00	31.2	(51.4)	0.5	(19.7)
6/28/19 23:15	(94.5)	51.2	(0.0)	(43.3)	6/29/19 12:15	8.0	(27.0)	0.3	(20.2)
6/28/19 23:30	(30.0)	28.0	0.0	(11.8)	6/29/19 12:30	36.2	(19.6)	0.3	16.8
6/28/19 23:45	(26.9)	(27.0)	(0.0)	(51.8)	6/29/19 12:45	64.9	8.5	0.4	71.8
6/29/19 0:00	(26.4)	(27.9)	(0.0)	(47.6)	6/29/19 13:00	29.8	17.0	(0.2)	46.7
6/29/19 0:15	(15.8)	42.8	(0.0)	29.0	6/29/19 13:15	8.9	16.6	(0.3)	25.1
6/29/19 0:30	(33.6)	17.9	(0.0)	(28.0)	6/29/19 13:30	(11.5)	8.1	(0.2)	9.6
6/29/19 0:45	(49.4)	(52.8)	0.0	(102.2)	6/29/19 13:45	15.5	28.3	0.6	43.2
6/29/19 1:00	(19.5)	(55.3)	(0.0)	(68.9)	6/29/19 14:00	4.7	19.5	5.9	28.2
6/29/19 1:15	(18.0)	(70.5)	(0.0)	(88.5)	6/29/19 14:15	(38.0)	34.1	27.1	30.1
6/29/19 1:30	(46.3)	43.2	0.0	(22.5)	6/29/19 14:30	11.4	28.8	11.3	41.4
6/29/19 1:45	(22.1)	28.8	(0.0)	10.5	6/29/19 14:45	20.8	27.9	5.6	54.2
6/29/19 2:00	(9.7)	(17.1)	0.0	(22.3)	6/29/19 15:00	16.2	36.2	4.7	49.5
6/29/19 2:15	(36.0)	65.8	(0.0)	32.8	6/29/19 15:15	18.0	33.1	2.2	50.9
6/29/19 2:30	(26.4)	41.8	0.0	17.7	6/29/19 15:30	10.3	42.0	1.3	53.3
6/29/19 2:45	(12.6)	81.2	0.0	72.7	6/29/19 15:45	(10.6)	32.9	0.8	23.5
6/29/19 3:00	(32.2)	92.1	0.0	59.9	6/29/19 16:00	(16.9)	16.8	(0.4)	8.7
6/29/19 3:15	(25.0)	61.1	(0.0)	46.6	6/29/19 16:15	34.7	(10.6)	(2.3)	22.6
6/29/19 3:30	8.0	32.8	0.0	33.6	6/29/19 16:30	5.6	(36.5)	(1.8)	(33.8)
6/29/19 3:45	(12.5)	37.9	(0.0)	29.2	6/29/19 16:45	(14.0)	(75.4)	(4.1)	(88.5)
6/29/19 4:00	(36.7)	31.7	0.0	(12.6)	6/29/19 17:00	14.9	(21.9)	(4.8)	(12.2)
6/29/19 4:15	30.8	31.2	0.0	61.2	6/29/19 17:15	(9.8)	6.5	30.7	22.4
6/29/19 4:30	(8.4)	31.5	(0.0)	23.1	6/29/19 17:30	(12.5)	(15.5)	13.1	(14.2)
6/29/19 4:45	(39.7)	12.5	(0.0)	(28.3)	6/29/19 17:45	19.7	(32.0)	14.0	8.1
6/29/19 5:00	8.1	25.2	(0.0)	31.4	6/29/19 18:00	(15.5)	(16.1)	4.7	(27.3)
6/29/19 5:15	(5.6)	22.9	0.0	21.6	6/29/19 18:15	(19.8)	6.1	3.0	(17.2)
6/29/19 5:30	(18.8)	26.4	(0.0)	7.6	6/29/19 18:30	(38.1)	38.9	1.7	5.7
6/29/19 5:45	(13.9)	22.2	(0.3)	8.4	6/29/19 18:45	(17.7)	(18.0)	0.4	(35.3)
6/29/19 6:00	6.2	23.0	(2.5)	24.5	6/29/19 19:00	(37.2)	(24.8)	0.3	(61.9)
6/29/19 6:15	17.2	18.8	(9.2)	26.8	6/29/19 19:15	(33.8)	26.1	(1.6)	(9.4)
6/29/19 6:30	17.5	13.2	(13.8)	16.9	6/29/19 19:30	(22.8)	(55.1)	0.5	(77.5)
6/29/19 6:45	28.2	13.6	(16.5)	25.3	6/29/19 19:45	(19.0)	(66.7)	1.7	(73.8)
6/29/19 7:00	22.9	13.8	(21.0)	15.8	6/29/19 20:00	21.8	(52.3)	1.7	(38.4)
6/29/19 7:15	28.3	4.6	(17.0)	14.7	6/29/19 20:15	(44.6)	31.8	1.5	(16.5)
6/29/19 7:30	31.9	(6.6)	(13.8)	12.4	6/29/19 20:30	(21.3)	15.1	0.3	(15.8)
6/29/19 7:45	28.6	11.4	(3.4)	35.8	6/29/19 20:45	(12.0)	(50.5)	0.0	(62.4)
6/29/19 8:00	(16.5)	0.9	(6.7)	(20.3)	6/29/19 21:00	(13.6)	68.6	(0.0)	55.1

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/29/19 21:15	5.8	53.1	(0.0)	55.2	6/30/19 10:15	47.6	(1.9)	(0.2)	46.8
6/29/19 21:30	(4.3)	12.6	(0.0)	11.3	6/30/19 10:30	16.5	(7.6)	0.1	10.0
6/29/19 21:45	(33.7)	54.7	0.0	21.0	6/30/19 10:45	45.9	(11.9)	0.0	34.1
6/29/19 22:00	(51.4)	8.7	0.0	(46.8)	6/30/19 11:00	55.5	(11.9)	(0.3)	43.3
6/29/19 22:15	(50.1)	(13.4)	0.0	(63.4)	6/30/19 11:15	13.7	(1.9)	0.1	13.5
6/29/19 22:30	(55.8)	(8.9)	(0.0)	(59.4)	6/30/19 11:30	57.0	(4.2)	0.6	53.3
6/29/19 22:45	(35.9)	(2.7)	0.0	(37.2)	6/30/19 11:45	46.0	1.4	0.3	46.5
6/29/19 23:00	(71.5)	(8.5)	(0.0)	(77.2)	6/30/19 12:00	16.7	(7.4)	(0.3)	14.7
6/29/19 23:15	(38.9)	25.4	(0.0)	(22.0)	6/30/19 12:15	40.2	(11.1)	0.4	30.6
6/29/19 23:30	(35.0)	(11.2)	0.0	(42.0)	6/30/19 12:30	47.0	(16.1)	0.1	31.0
6/29/19 23:45	(31.1)	13.7	0.0	(32.5)	6/30/19 12:45	33.1	(35.0)	(0.1)	(12.2)
6/30/19 0:00	(11.2)	41.0	(0.0)	37.9	6/30/19 13:00	36.9	(23.3)	0.6	16.5
6/30/19 0:15	(50.3)	48.1	(0.0)	(6.1)	6/30/19 13:15	10.1	(28.2)	1.0	(18.2)
6/30/19 0:30	(40.1)	8.7	0.0	(41.8)	6/30/19 13:30	18.2	(42.1)	(2.2)	(26.0)
6/30/19 0:45	(46.9)	(59.6)	(0.0)	(106.6)	6/30/19 13:45	16.3	(58.5)	3.0	(39.3)
6/30/19 1:00	(12.3)	(48.9)	0.0	(60.5)	6/30/19 14:00	(11.2)	(16.7)	3.1	(17.9)
6/30/19 1:15	(8.6)	(2.9)	(0.0)	(11.5)	6/30/19 14:15	(13.4)	14.7	10.4	13.8
6/30/19 1:30	(46.1)	2.8	0.0	(44.0)	6/30/19 14:30	7.9	(7.9)	18.4	16.8
6/30/19 1:45	(12.5)	41.5	0.0	44.3	6/30/19 14:45	(42.3)	6.9	2.8	(35.5)
6/30/19 2:00	(32.4)	69.4	0.0	38.1	6/30/19 15:00	(7.4)	(13.2)	7.3	(13.9)
6/30/19 2:15	(45.2)	54.5	(0.0)	12.7	6/30/19 15:15	(33.1)	(24.6)	9.9	(47.8)
6/30/19 2:30	(14.8)	22.0	(0.0)	9.6	6/30/19 15:30	(37.5)	(49.6)	7.5	(79.6)
6/30/19 2:45	(10.9)	3.8	(0.0)	(7.9)	6/30/19 15:45	10.6	(28.0)	19.2	(10.7)
6/30/19 3:00	(29.1)	23.6	(0.0)	(7.3)	6/30/19 16:00	(6.0)	(12.8)	7.2	(11.6)
6/30/19 3:15	(21.8)	22.7	0.0	16.1	6/30/19 16:15	(32.2)	(32.7)	9.7	(55.2)
6/30/19 3:30	(18.1)	8.2	(0.0)	(16.6)	6/30/19 16:30	9.4	(45.9)	4.6	(38.8)
6/30/19 3:45	10.0	(13.6)	0.0	(10.9)	6/30/19 16:45	28.3	(25.0)	2.7	8.3
6/30/19 4:00	(30.1)	(20.6)	0.0	(50.7)	6/30/19 17:00	(42.2)	(10.1)	3.1	(47.6)
6/30/19 4:15	15.8	(4.2)	(0.0)	15.4	6/30/19 17:15	(9.5)	(39.0)	3.5	(44.8)
6/30/19 4:30	(2.2)	15.2	(0.0)	14.9	6/30/19 17:30	(16.6)	(23.7)	(0.5)	(40.6)
6/30/19 4:45	(24.6)	31.7	0.0	7.2	6/30/19 17:45	(27.2)	20.8	3.6	(12.9)
6/30/19 5:00	16.8	39.8	0.0	52.3	6/30/19 18:00	(15.7)	(14.7)	3.0	(18.3)
6/30/19 5:15	(7.4)	28.1	0.0	22.8	6/30/19 18:15	(20.5)	(129.0)	1.4	(146.6)
6/30/19 5:30	(12.4)	7.2	(0.0)	9.7	6/30/19 18:30	(29.2)	(91.7)	0.5	(120.5)
6/30/19 5:45	(22.6)	3.0	(0.1)	(20.1)	6/30/19 18:45	(27.9)	10.7	0.3	(17.4)
6/30/19 6:00	10.3	8.6	(2.0)	16.5	6/30/19 19:00	(12.5)	(41.1)	(0.7)	(51.6)
6/30/19 6:15	15.0	12.5	(9.4)	17.6	6/30/19 19:15	(15.1)	49.6	0.6	35.5
6/30/19 6:30	15.9	14.1	(14.3)	15.5	6/30/19 19:30	(27.1)	21.4	1.4	(12.5)
6/30/19 6:45	7.7	10.8	(8.7)	8.2	6/30/19 19:45	7.7	110.6	1.3	117.3
6/30/19 7:00	39.8	1.7	(20.2)	22.7	6/30/19 20:00	3.9	75.5	1.2	79.0
6/30/19 7:15	7.8	(4.9)	(24.0)	(23.1)	6/30/19 20:15	(9.5)	(15.9)	0.3	(13.5)
6/30/19 7:30	35.1	(1.1)	(14.1)	19.9	6/30/19 20:30	28.5	(48.9)	0.0	(24.8)
6/30/19 7:45	52.4	4.4	(11.6)	44.8	6/30/19 20:45	16.9	(31.0)	0.0	(23.6)
6/30/19 8:00	18.0	14.8	(5.4)	26.5	6/30/19 21:00	(62.1)	9.6	(0.0)	(59.1)
6/30/19 8:15	50.6	8.5	(3.9)	54.6	6/30/19 21:15	22.3	(109.1)	(0.0)	(89.6)
6/30/19 8:30	43.4	(2.6)	(3.0)	38.2	6/30/19 21:30	(36.4)	(32.4)	0.0	(68.8)
6/30/19 8:45	47.9	(2.6)	(2.1)	43.2	6/30/19 21:45	(54.0)	(8.4)	(0.0)	(57.2)
6/30/19 9:00	12.8	(0.2)	(1.2)	11.8	6/30/19 22:00	(34.2)	32.9	0.0	(6.7)
6/30/19 9:15	14.2	(0.8)	(0.8)	13.7	6/30/19 22:15	(34.1)	23.5	0.0	(10.5)
6/30/19 9:30	50.3	(2.2)	(0.5)	48.8	6/30/19 22:30	(59.6)	98.3	(0.0)	38.6
6/30/19 9:45	26.9	(14.3)	(0.4)	12.3	6/30/19 22:45	(49.0)	79.5	0.0	32.3
6/30/19 10:00	59.8	(5.1)	(0.2)	56.0	6/30/19 23:00	(26.7)	62.2	(0.0)	37.6

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
6/30/19 23:15	(31.0)	72.8	0.0	41.8	7/1/19 12:15	36.1	2.3	4.2	41.3
6/30/19 23:30	(24.6)	49.4	(0.0)	24.7	7/1/19 12:30	35.1	27.3	14.6	73.9
6/30/19 23:45	(40.8)	30.8	(0.0)	(13.9)	7/1/19 12:45	11.4	19.1	(11.7)	24.3
7/1/19 0:00	(35.9)	36.4	(0.0)	12.5	7/1/19 13:00	62.6	1.8	(7.6)	56.9
7/1/19 0:15	(29.7)	(11.1)	0.0	(36.7)	7/1/19 13:15	13.8	16.3	(7.4)	22.7
7/1/19 0:30	(28.7)	(14.8)	(0.0)	(43.5)	7/1/19 13:30	12.4	13.6	(12.3)	17.8
7/1/19 0:45	(12.0)	(17.1)	0.0	(21.3)	7/1/19 13:45	33.5	9.6	(5.6)	43.2
7/1/19 1:00	(6.8)	20.6	0.0	17.9	7/1/19 14:00	13.8	26.8	12.1	52.0
7/1/19 1:15	(21.8)	10.7	(0.0)	(18.1)	7/1/19 14:15	(18.2)	18.8	14.6	18.5
7/1/19 1:30	(22.1)	29.4	0.0	14.5	7/1/19 14:30	14.1	15.5	16.3	33.0
7/1/19 1:45	9.9	44.5	(0.0)	47.7	7/1/19 14:45	74.1	6.7	(7.3)	76.8
7/1/19 2:00	(6.1)	35.4	(0.0)	38.1	7/1/19 15:00	13.3	(3.6)	23.6	33.3
7/1/19 2:15	(5.5)	(32.9)	0.0	(34.2)	7/1/19 15:15	(4.6)	(4.4)	10.9	5.9
7/1/19 2:30	(12.5)	(47.8)	0.0	(56.6)	7/1/19 15:30	(4.2)	(20.4)	5.0	(19.2)
7/1/19 2:45	(20.5)	(68.7)	0.0	(89.1)	7/1/19 15:45	(8.5)	(15.2)	9.7	(14.4)
7/1/19 3:00	(8.9)	(71.9)	0.0	(74.8)	7/1/19 16:00	(41.4)	36.7	(3.9)	(9.7)
7/1/19 3:15	12.3	26.6	0.0	37.7	7/1/19 16:15	(37.5)	27.9	4.6	(7.6)
7/1/19 3:30	(15.3)	11.8	0.0	14.4	7/1/19 16:30	(26.0)	10.9	2.6	(12.7)
7/1/19 3:45	(10.5)	8.5	0.0	13.0	7/1/19 16:45	(29.8)	13.3	11.4	(5.0)
7/1/19 4:00	4.0	25.1	(0.0)	28.4	7/1/19 17:00	(38.0)	0.8	0.9	(37.5)
7/1/19 4:15	(14.2)	47.6	0.0	37.5	7/1/19 17:15	(44.3)	(3.2)	(1.4)	(48.0)
7/1/19 4:30	20.4	27.8	0.0	40.8	7/1/19 17:30	(24.3)	18.1	1.6	(6.5)
7/1/19 4:45	19.3	(5.5)	(0.0)	15.4	7/1/19 17:45	4.7	25.3	(1.6)	24.4
7/1/19 5:00	17.5	17.4	(0.0)	34.9	7/1/19 18:00	(19.0)	(11.5)	(8.1)	(37.8)
7/1/19 5:15	52.6	(6.0)	0.0	47.6	7/1/19 18:15	(20.5)	(30.6)	(23.3)	(74.4)
7/1/19 5:30	(23.7)	36.2	0.0	20.9	7/1/19 18:30	(20.0)	18.1	13.6	18.1
7/1/19 5:45	(25.3)	50.9	(0.1)	25.5	7/1/19 18:45	(19.5)	15.4	4.8	(15.9)
7/1/19 6:00	(15.1)	28.5	(1.0)	26.6	7/1/19 19:00	(16.4)	(9.8)	10.0	(17.8)
7/1/19 6:15	51.0	14.7	(2.9)	62.7	7/1/19 19:15	(4.2)	(33.2)	8.4	(27.4)
7/1/19 6:30	43.2	13.1	(6.0)	50.3	7/1/19 19:30	(24.1)	(31.2)	4.8	(50.5)
7/1/19 6:45	54.8	(7.8)	(2.7)	44.8	7/1/19 19:45	(19.3)	(13.9)	3.0	(30.1)
7/1/19 7:00	56.5	(63.0)	(3.3)	(10.5)	7/1/19 20:00	10.3	18.3	2.6	22.4
7/1/19 7:15	(8.9)	(77.1)	(8.2)	(88.3)	7/1/19 20:15	23.8	(11.0)	1.6	20.9
7/1/19 7:30	26.3	(47.6)	(20.4)	(41.7)	7/1/19 20:30	(20.0)	(17.7)	0.4	(35.8)
7/1/19 7:45	35.4	(3.6)	(23.6)	13.1	7/1/19 20:45	26.8	(49.9)	0.0	(25.3)
7/1/19 8:00	21.6	21.6	(6.5)	33.9	7/1/19 21:00	5.6	(5.1)	(0.0)	(7.7)
7/1/19 8:15	60.1	13.0	(4.3)	68.9	7/1/19 21:15	(26.7)	(4.7)	(0.0)	(29.5)
7/1/19 8:30	36.4	(17.2)	7.5	28.0	7/1/19 21:30	(49.5)	14.4	0.0	(38.7)
7/1/19 8:45	(27.1)	(23.8)	13.6	(37.0)	7/1/19 21:45	(17.1)	(69.9)	0.0	(86.5)
7/1/19 9:00	36.9	(9.7)	(8.7)	25.5	7/1/19 22:00	(39.8)	(43.8)	(0.0)	(83.6)
7/1/19 9:15	38.9	27.0	(10.5)	55.4	7/1/19 22:15	(67.1)	4.7	0.0	(66.1)
7/1/19 9:30	12.5	26.2	(5.8)	33.0	7/1/19 22:30	(46.2)	(38.1)	(0.0)	(81.8)
7/1/19 9:45	27.4	(3.8)	(12.2)	14.3	7/1/19 22:45	5.8	(224.4)	(0.0)	(220.2)
7/1/19 10:00	4.7	(5.9)	9.3	10.0	7/1/19 23:00	(33.8)	85.3	(0.0)	59.3
7/1/19 10:15	12.0	(18.7)	(7.4)	(23.8)	7/1/19 23:15	(46.7)	(34.0)	(0.0)	(78.6)
7/1/19 10:30	61.6	7.2	(7.6)	57.3	7/1/19 23:30	(30.0)	(42.3)	(0.0)	(72.3)
7/1/19 10:45	35.3	21.7	3.5	60.4	7/1/19 23:45	(28.8)	(19.0)	(0.0)	(47.7)
7/1/19 11:00	(12.9)	3.8	(2.3)	(12.7)	7/2/19 0:00	(47.5)	33.7	(0.0)	(19.5)
7/1/19 11:15	36.9	1.9	3.7	41.7	7/2/19 0:15	(28.0)	88.3	(0.0)	62.7
7/1/19 11:30	38.2	(8.3)	2.3	32.2	7/2/19 0:30	(27.8)	88.4	0.0	60.6
7/1/19 11:45	(6.8)	(4.8)	2.4	(9.3)	7/2/19 0:45	(64.1)	17.5	(0.0)	(54.1)
7/1/19 12:00	39.8	9.2	(8.8)	40.4	7/2/19 1:00	(37.0)	53.7	(0.0)	29.6

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/2/19 1:15	18.9	7.4	0.0	24.4	7/2/19 14:15	6.9	(34.3)	24.1	(22.1)
7/2/19 1:30	(14.3)	21.7	0.0	11.6	7/2/19 14:30	23.8	(34.1)	(16.6)	(31.1)
7/2/19 1:45	(36.6)	(18.6)	0.0	(44.2)	7/2/19 14:45	(19.0)	(29.8)	4.6	(42.7)
7/2/19 2:00	10.0	(75.3)	0.0	(65.9)	7/2/19 15:00	(43.9)	(27.6)	3.0	(66.5)
7/2/19 2:15	(7.9)	(38.7)	(0.0)	(44.7)	7/2/19 15:15	41.3	9.2	13.0	60.4
7/2/19 2:30	(28.5)	25.1	(0.0)	(9.3)	7/2/19 15:30	20.6	27.3	(1.6)	46.7
7/2/19 2:45	17.0	(53.0)	0.0	(40.7)	7/2/19 15:45	(30.0)	(10.7)	14.5	(29.4)
7/2/19 3:00	(4.4)	45.2	0.0	41.2	7/2/19 16:00	(40.6)	(36.6)	7.0	(70.2)
7/2/19 3:15	(43.5)	(17.7)	0.0	(54.5)	7/2/19 16:15	(18.7)	9.4	9.7	(1.7)
7/2/19 3:30	25.8	56.5	(0.0)	82.2	7/2/19 16:30	(3.2)	(45.5)	10.1	(38.2)
7/2/19 3:45	10.8	(8.6)	0.0	8.0	7/2/19 16:45	10.3	7.7	1.5	18.2
7/2/19 4:00	(12.0)	(9.4)	0.0	(16.0)	7/2/19 17:00	22.6	(53.5)	(5.3)	(36.7)
7/2/19 4:15	(6.5)	(22.0)	(0.0)	(25.4)	7/2/19 17:15	5.8	(40.6)	(6.4)	(42.3)
7/2/19 4:30	8.2	77.0	(0.0)	85.2	7/2/19 17:30	1.6	44.2	6.9	51.9
7/2/19 4:45	5.2	85.6	0.0	90.8	7/2/19 17:45	69.3	(21.2)	14.0	68.3
7/2/19 5:00	24.0	11.9	(0.0)	28.1	7/2/19 18:00	(10.6)	22.8	3.4	17.9
7/2/19 5:15	36.1	(8.7)	0.0	29.4	7/2/19 18:15	(25.6)	33.7	(4.8)	13.9
7/2/19 5:30	6.4	37.8	0.0	44.2	7/2/19 18:30	(19.1)	28.2	(16.4)	(12.0)
7/2/19 5:45	12.3	6.5	(0.0)	18.4	7/2/19 18:45	(24.7)	29.8	7.1	12.1
7/2/19 6:00	(26.1)	(26.9)	(1.0)	(46.2)	7/2/19 19:00	42.6	2.4	10.7	53.6
7/2/19 6:15	33.6	(32.9)	(6.1)	(6.0)	7/2/19 19:15	(9.1)	(37.0)	(3.6)	(46.3)
7/2/19 6:30	36.7	(5.6)	(14.1)	17.6	7/2/19 19:30	(24.2)	(62.0)	(4.1)	(89.8)
7/2/19 6:45	31.5	(9.6)	(12.1)	9.8	7/2/19 19:45	(36.9)	(17.2)	10.7	(43.6)
7/2/19 7:00	27.5	7.5	(13.5)	19.4	7/2/19 20:00	(14.4)	(36.6)	9.4	(38.2)
7/2/19 7:15	22.0	19.9	(7.4)	34.5	7/2/19 20:15	(26.3)	(73.6)	2.2	(97.8)
7/2/19 7:30	28.1	16.3	(35.1)	9.5	7/2/19 20:30	(34.6)	(81.8)	1.5	(112.2)
7/2/19 7:45	31.4	18.5	(7.5)	42.5	7/2/19 20:45	18.3	(58.8)	0.0	(41.2)
7/2/19 8:00	27.4	20.6	(16.3)	31.7	7/2/19 21:00	(8.5)	(26.0)	0.0	(33.4)
7/2/19 8:15	44.7	27.7	(3.2)	69.2	7/2/19 21:15	(48.7)	(55.8)	0.0	(104.5)
7/2/19 8:30	22.6	18.0	1.5	41.2	7/2/19 21:30	(38.9)	52.8	(0.0)	24.4
7/2/19 8:45	20.0	25.0	(11.6)	33.5	7/2/19 21:45	(37.4)	83.5	0.0	46.1
7/2/19 9:00	28.7	28.2	2.7	59.3	7/2/19 22:00	(85.1)	24.5	(0.0)	(60.6)
7/2/19 9:15	17.7	15.8	1.6	34.4	7/2/19 22:15	(27.1)	8.1	(0.0)	(24.5)
7/2/19 9:30	18.4	14.0	(7.5)	24.9	7/2/19 22:30	(24.3)	(8.6)	0.0	(32.9)
7/2/19 9:45	18.8	18.7	6.9	44.4	7/2/19 22:45	(77.2)	19.4	(0.0)	(57.8)
7/2/19 10:00	9.8	16.7	4.7	29.2	7/2/19 23:00	(34.5)	12.8	(0.0)	(24.2)
7/2/19 10:15	2.7	9.7	(10.4)	2.5	7/2/19 23:15	(28.5)	21.4	(0.0)	(7.0)
7/2/19 10:30	20.3	7.2	(3.8)	24.0	7/2/19 23:30	(65.6)	20.6	(0.0)	(45.0)
7/2/19 10:45	26.4	6.9	(1.1)	32.2	7/2/19 23:45	(39.8)	32.2	0.0	(21.4)
7/2/19 11:00	24.1	4.0	4.2	32.3	7/3/19 0:00	(18.6)	25.4	0.0	12.6
7/2/19 11:15	17.6	1.4	(2.6)	16.7	7/3/19 0:15	(14.2)	12.6	(0.0)	(2.3)
7/2/19 11:30	32.0	(0.5)	0.9	31.7	7/3/19 0:30	(52.2)	25.6	0.0	(26.6)
7/2/19 11:45	33.7	(0.8)	(1.6)	31.4	7/3/19 0:45	(11.3)	9.9	(0.0)	8.5
7/2/19 12:00	50.8	(1.0)	0.6	50.4	7/3/19 1:00	(22.5)	17.9	(0.0)	(4.8)
7/2/19 12:15	19.1	(1.9)	1.4	18.3	7/3/19 1:15	(35.9)	20.6	(0.0)	(18.0)
7/2/19 12:30	36.1	(2.3)	0.7	34.2	7/3/19 1:30	(12.5)	29.4	0.0	18.8
7/2/19 12:45	19.1	(3.2)	3.9	21.2	7/3/19 1:45	(10.3)	14.2	0.0	4.4
7/2/19 13:00	13.9	(9.2)	(4.7)	(7.4)	7/3/19 2:00	(45.3)	(19.1)	(0.0)	(64.1)
7/2/19 13:15	48.7	(12.1)	1.0	37.2	7/3/19 2:15	22.0	(39.4)	0.0	(18.6)
7/2/19 13:30	40.1	(12.5)	13.8	41.5	7/3/19 2:30	2.8	10.6	0.0	10.6
7/2/19 13:45	28.9	(10.6)	4.4	19.6	7/3/19 2:45	(40.3)	22.5	(0.0)	(22.0)
7/2/19 14:00	(32.2)	(9.8)	21.6	(22.1)	7/3/19 3:00	(28.9)	31.7	0.0	23.2

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/3/19 3:15	19.1	19.0	0.0	35.6	7/3/19 16:15	18.0	4.5	(9.7)	9.4
7/3/19 3:30	(2.2)	22.2	(0.0)	20.0	7/3/19 16:30	17.1	(12.8)	3.7	10.6
7/3/19 3:45	(43.9)	21.1	(0.0)	(22.9)	7/3/19 16:45	27.6	(27.8)	5.9	9.7
7/3/19 4:00	17.1	(2.2)	0.0	16.0	7/3/19 17:00	36.5	(36.1)	(11.2)	(13.9)
7/3/19 4:15	23.3	2.6	(0.0)	24.9	7/3/19 17:15	21.4	(30.2)	7.6	(10.4)
7/3/19 4:30	11.5	12.7	0.0	21.1	7/3/19 17:30	(13.6)	(43.1)	25.2	(31.4)
7/3/19 4:45	(28.9)	17.7	0.0	(14.4)	7/3/19 17:45	11.9	(42.0)	22.2	(15.4)
7/3/19 5:00	50.6	(7.3)	0.0	44.0	7/3/19 18:00	35.1	(57.4)	(14.4)	(34.3)
7/3/19 5:15	32.2	18.2	0.0	45.4	7/3/19 18:15	(58.2)	(59.4)	(18.0)	(121.8)
7/3/19 5:30	(45.9)	23.9	(0.0)	(25.3)	7/3/19 18:30	(20.9)	(46.8)	30.1	(37.6)
7/3/19 5:45	10.4	19.3	(0.1)	29.5	7/3/19 18:45	(12.0)	(50.4)	(5.2)	(65.4)
7/3/19 6:00	23.2	17.7	(2.3)	38.5	7/3/19 19:00	(22.9)	(54.0)	6.2	(75.7)
7/3/19 6:15	26.8	11.7	(9.8)	28.7	7/3/19 19:15	(31.9)	(57.3)	30.9	(58.3)
7/3/19 6:30	37.0	7.5	(15.6)	28.9	7/3/19 19:30	(40.2)	(42.9)	8.9	(74.1)
7/3/19 6:45	32.2	(3.4)	(18.9)	9.9	7/3/19 19:45	(35.1)	(26.6)	12.8	(48.9)
7/3/19 7:00	25.2	(8.3)	(19.6)	(4.5)	7/3/19 20:00	(36.4)	(19.2)	6.2	(49.4)
7/3/19 7:15	23.2	(10.1)	(18.1)	(11.2)	7/3/19 20:15	(31.9)	(38.8)	3.4	(67.2)
7/3/19 7:30	30.2	(27.4)	(15.7)	(19.4)	7/3/19 20:30	(24.1)	(32.3)	0.3	(56.2)
7/3/19 7:45	26.6	(39.7)	(13.2)	(27.3)	7/3/19 20:45	(10.2)	8.5	0.2	(4.2)
7/3/19 8:00	38.9	(33.4)	(6.9)	(9.3)	7/3/19 21:00	(20.1)	18.2	(0.0)	(7.1)
7/3/19 8:15	50.0	(8.5)	(5.5)	36.0	7/3/19 21:15	(31.5)	(4.4)	(0.0)	(35.7)
7/3/19 8:30	31.4	(35.9)	(2.9)	(8.4)	7/3/19 21:30	(43.1)	(2.5)	0.0	(44.6)
7/3/19 8:45	27.7	(17.8)	(1.6)	8.7	7/3/19 21:45	(51.6)	9.2	(0.0)	(43.5)
7/3/19 9:00	28.5	20.7	(1.4)	47.9	7/3/19 22:00	(62.8)	14.7	0.0	(50.8)
7/3/19 9:15	44.5	(7.1)	(1.0)	39.8	7/3/19 22:15	(50.6)	8.9	0.0	(42.4)
7/3/19 9:30	24.9	(43.4)	(0.8)	(19.8)	7/3/19 22:30	(35.0)	(10.4)	(0.0)	(44.3)
7/3/19 9:45	46.5	(33.3)	(0.5)	14.3	7/3/19 22:45	(43.4)	(14.3)	(0.0)	(56.8)
7/3/19 10:00	44.2	(45.2)	(0.3)	(9.9)	7/3/19 23:00	(35.4)	(30.8)	(0.0)	(66.2)
7/3/19 10:15	22.1	(33.9)	(0.2)	(14.3)	7/3/19 23:15	(39.6)	24.8	(0.0)	(17.2)
7/3/19 10:30	7.6	(10.6)	(0.1)	(16.5)	7/3/19 23:30	(61.9)	24.2	(0.0)	(39.2)
7/3/19 10:45	32.8	(5.0)	(0.1)	29.1	7/3/19 23:45	(46.6)	52.4	0.0	13.3
7/3/19 11:00	41.1	10.1	(0.1)	51.2	7/4/19 0:00	(16.8)	52.6	(0.0)	35.8
7/3/19 11:15	32.2	8.1	0.2	40.6	7/4/19 0:15	(35.0)	61.3	(0.0)	31.9
7/3/19 11:30	33.6	20.8	(0.1)	54.5	7/4/19 0:30	(59.0)	42.9	(0.0)	(16.1)
7/3/19 11:45	30.8	11.5	(0.1)	42.1	7/4/19 0:45	(34.2)	62.8	0.0	28.6
7/3/19 12:00	(12.2)	(4.0)	0.1	(15.4)	7/4/19 1:00	(29.1)	9.1	0.0	(20.5)
7/3/19 12:15	47.5	(9.4)	0.1	40.8	7/4/19 1:15	(6.7)	12.4	(0.0)	11.2
7/3/19 12:30	39.2	2.9	(0.2)	40.9	7/4/19 1:30	(69.7)	49.9	0.0	(19.7)
7/3/19 12:45	15.6	5.8	0.1	20.5	7/4/19 1:45	(32.0)	21.6	0.0	(10.3)
7/3/19 13:00	48.8	1.7	0.3	49.4	7/4/19 2:00	(27.3)	25.9	0.0	(4.3)
7/3/19 13:15	12.0	2.6	0.4	14.5	7/4/19 2:15	(17.3)	36.7	0.0	19.4
7/3/19 13:30	14.2	6.3	1.2	19.8	7/4/19 2:30	(15.0)	20.6	0.0	6.0
7/3/19 13:45	62.2	(13.9)	(0.6)	47.8	7/4/19 2:45	(21.5)	16.2	(0.0)	(5.8)
7/3/19 14:00	18.4	(1.5)	0.6	18.4	7/4/19 3:00	(13.6)	20.3	(0.0)	6.7
7/3/19 14:15	22.3	(10.3)	11.6	23.9	7/4/19 3:15	(10.7)	25.3	0.0	14.6
7/3/19 14:30	47.7	(4.0)	(6.1)	45.6	7/4/19 3:30	(10.2)	12.2	(0.0)	2.0
7/3/19 14:45	15.0	(19.1)	7.6	4.2	7/4/19 3:45	(12.4)	37.2	0.0	24.8
7/3/19 15:00	19.6	(11.9)	(1.1)	14.5	7/4/19 4:00	(3.9)	(8.6)	(0.0)	(7.8)
7/3/19 15:15	17.3	3.6	3.2	19.0	7/4/19 4:15	8.5	(81.3)	0.0	(73.4)
7/3/19 15:30	22.9	(17.6)	(3.8)	5.1	7/4/19 4:30	(4.7)	51.2	0.0	46.6
7/3/19 15:45	(9.7)	(11.8)	(0.7)	(14.9)	7/4/19 4:45	5.3	37.1	(0.0)	39.9
7/3/19 16:00	(14.6)	(3.6)	(0.8)	(18.0)	7/4/19 5:00	(4.3)	(26.8)	0.0	(31.1)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/4/19 5:15	18.1	22.4	(0.0)	39.5	7/4/19 18:15	(72.1)	(58.1)	45.5	(84.7)
7/4/19 5:30	14.8	(12.6)	(0.0)	(17.5)	7/4/19 18:30	(65.9)	(149.8)	(23.8)	(235.5)
7/4/19 5:45	(36.4)	4.8	(0.2)	(33.9)	7/4/19 18:45	(40.9)	44.5	11.7	(47.1)
7/4/19 6:00	(16.8)	(21.0)	(1.9)	(39.6)	7/4/19 19:00	(28.7)	(43.9)	20.7	(51.2)
7/4/19 6:15	18.8	5.8	(9.9)	15.3	7/4/19 19:15	(54.3)	(50.5)	8.7	(83.8)
7/4/19 6:30	21.0	45.2	(15.7)	50.4	7/4/19 19:30	(15.4)	(17.9)	8.5	(12.5)
7/4/19 6:45	12.1	46.8	(19.3)	35.0	7/4/19 19:45	(20.2)	21.9	12.4	12.0
7/4/19 7:00	21.3	10.4	(20.6)	14.5	7/4/19 20:00	(19.4)	7.9	10.2	(2.8)
7/4/19 7:15	24.2	19.3	(18.4)	25.1	7/4/19 20:15	(39.9)	(30.7)	4.6	(66.1)
7/4/19 7:30	16.7	(12.6)	(17.0)	(17.5)	7/4/19 20:30	(9.9)	80.3	0.9	74.5
7/4/19 7:45	29.2	8.0	(14.2)	27.4	7/4/19 20:45	6.5	44.4	0.0	48.1
7/4/19 8:00	28.3	(5.2)	(6.9)	20.7	7/4/19 21:00	(36.8)	(147.1)	(0.0)	(183.3)
7/4/19 8:15	34.6	(12.0)	(4.2)	20.1	7/4/19 21:15	(13.4)	(46.7)	(0.0)	(56.6)
7/4/19 8:30	13.3	16.5	(2.0)	24.9	7/4/19 21:30	(19.5)	(54.2)	0.0	(73.7)
7/4/19 8:45	52.7	3.6	(2.3)	54.0	7/4/19 21:45	(33.7)	(85.1)	(0.0)	(118.8)
7/4/19 9:00	27.3	23.5	(1.0)	49.7	7/4/19 22:00	9.7	(38.5)	0.0	(29.5)
7/4/19 9:15	(11.1)	(21.0)	(0.7)	(26.1)	7/4/19 22:15	38.1	(22.9)	(0.0)	19.2
7/4/19 9:30	36.6	(41.0)	5.4	8.0	7/4/19 22:30	(45.6)	(2.7)	0.0	(46.9)
7/4/19 9:45	35.4	14.2	(6.4)	37.8	7/4/19 22:45	(23.7)	(23.2)	(0.0)	(47.0)
7/4/19 10:00	(8.3)	39.5	8.8	44.5	7/4/19 23:00	(23.7)	45.8	(0.0)	28.8
7/4/19 10:15	26.9	22.2	(4.4)	44.9	7/4/19 23:15	(46.6)	92.1	(0.0)	45.5
7/4/19 10:30	19.9	12.0	1.2	33.0	7/4/19 23:30	(33.2)	57.2	(0.0)	24.0
7/4/19 10:45	9.4	25.1	4.4	35.8	7/4/19 23:45	(17.6)	20.7	0.0	9.8
7/4/19 11:00	(15.6)	32.4	(3.4)	30.6	7/5/19 0:00	(15.8)	(7.3)	(0.0)	(18.3)
7/4/19 11:15	25.0	22.5	(5.3)	42.2	7/5/19 0:15	(46.6)	24.8	0.0	(36.7)
7/4/19 11:30	22.1	21.3	(0.9)	42.1	7/5/19 0:30	(16.4)	22.7	(0.0)	25.4
7/4/19 11:45	14.1	14.3	(1.9)	22.4	7/5/19 0:45	(32.5)	44.8	(0.0)	12.5
7/4/19 12:00	26.3	11.7	1.0	38.6	7/5/19 1:00	(38.5)	33.2	0.0	(9.9)
7/4/19 12:15	12.0	14.5	1.6	27.1	7/5/19 1:15	(10.2)	9.7	(0.0)	14.8
7/4/19 12:30	12.2	3.0	0.8	11.8	7/5/19 1:30	8.0	2.1	0.0	8.8
7/4/19 12:45	23.2	24.0	1.2	44.7	7/5/19 1:45	(59.7)	56.3	0.0	(16.9)
7/4/19 13:00	12.7	27.4	(2.4)	33.7	7/5/19 2:00	(18.2)	44.8	0.0	37.8
7/4/19 13:15	(4.9)	6.2	0.8	4.9	7/5/19 2:15	18.7	(40.6)	0.0	(24.6)
7/4/19 13:30	24.8	(5.5)	0.6	20.9	7/5/19 2:30	(26.8)	31.1	(0.0)	11.5
7/4/19 13:45	21.2	(6.3)	(0.5)	14.5	7/5/19 2:45	(21.4)	(25.9)	0.0	(45.9)
7/4/19 14:00	26.9	(14.3)	0.2	13.1	7/5/19 3:00	(20.0)	78.9	(0.0)	64.2
7/4/19 14:15	27.7	(25.7)	1.0	4.1	7/5/19 3:15	(7.2)	9.1	0.0	8.0
7/4/19 14:30	32.0	(43.5)	(0.5)	(11.6)	7/5/19 3:30	(43.7)	27.3	0.0	(17.2)
7/4/19 14:45	40.1	(39.3)	0.9	4.6	7/5/19 3:45	29.6	(23.8)	0.0	7.2
7/4/19 15:00	41.4	(32.7)	7.0	15.6	7/5/19 4:00	12.0	(8.5)	(0.0)	3.8
7/4/19 15:15	22.7	(31.7)	(2.5)	(12.9)	7/5/19 4:15	9.4	9.6	0.0	9.1
7/4/19 15:30	17.1	(4.7)	(1.4)	13.8	7/5/19 4:30	14.6	(9.4)	0.0	6.8
7/4/19 15:45	41.0	(28.8)	8.8	21.0	7/5/19 4:45	10.9	7.4	(0.0)	16.9
7/4/19 16:00	65.9	17.3	6.5	86.7	7/5/19 5:00	(10.6)	20.3	(0.0)	16.0
7/4/19 16:15	(16.8)	47.5	3.7	32.5	7/5/19 5:15	28.2	(80.4)	(0.0)	(54.2)
7/4/19 16:30	15.5	32.8	11.0	58.8	7/5/19 5:30	15.6	(35.7)	(0.0)	40.9
7/4/19 16:45	32.3	63.8	3.4	97.2	7/5/19 5:45	(14.0)	31.9	(0.1)	18.8
7/4/19 17:00	6.6	28.0	(7.2)	21.2	7/5/19 6:00	35.1	(9.2)	(1.5)	25.9
7/4/19 17:15	11.7	(2.8)	(3.7)	9.0	7/5/19 6:15	47.1	(43.8)	(9.0)	(11.7)
7/4/19 17:30	(45.6)	(14.6)	6.0	(54.1)	7/5/19 6:30	(46.1)	(55.7)	(14.7)	(115.9)
7/4/19 17:45	(20.3)	(48.1)	(3.9)	(72.2)	7/5/19 6:45	31.5	21.7	(16.9)	34.5
7/4/19 18:00	(18.4)	(41.3)	4.1	(55.7)	7/5/19 7:00	30.0	(19.9)	(11.6)	12.3

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/5/19 7:15	(39.4)	11.5	9.9	(26.7)	7/5/19 20:15	(72.6)	(69.0)	1.7	(139.9)
7/5/19 7:30	33.9	(10.6)	(3.2)	22.7	7/5/19 20:30	(45.2)	36.7	0.3	(30.8)
7/5/19 7:45	23.8	(20.4)	3.5	10.4	7/5/19 20:45	(18.3)	27.7	0.0	12.5
7/5/19 8:00	8.7	(8.9)	(16.9)	(22.8)	7/5/19 21:00	(3.9)	(79.3)	(0.0)	(80.9)
7/5/19 8:15	33.8	7.6	(51.1)	(14.2)	7/5/19 21:15	(10.4)	(136.8)	(0.0)	(144.3)
7/5/19 8:30	20.8	20.7	(18.6)	22.9	7/5/19 21:30	(7.4)	(128.3)	(0.0)	(132.3)
7/5/19 8:45	(19.3)	14.6	3.7	10.5	7/5/19 21:45	(28.1)	(75.8)	(0.0)	(103.9)
7/5/19 9:00	37.1	18.9	3.7	57.8	7/5/19 22:00	(40.0)	83.6	(0.0)	43.9
7/5/19 9:15	18.1	8.0	(8.1)	18.0	7/5/19 22:15	(29.8)	73.9	0.0	44.7
7/5/19 9:30	(8.3)	30.2	(3.0)	25.9	7/5/19 22:30	(24.5)	154.3	0.1	130.3
7/5/19 9:45	21.9	38.1	(0.9)	59.3	7/5/19 22:45	(63.0)	108.3	0.0	46.7
7/5/19 10:00	22.4	55.8	0.6	78.5	7/5/19 23:00	(26.3)	(22.4)	(0.0)	(32.7)
7/5/19 10:15	(15.2)	37.1	(0.2)	29.7	7/5/19 23:15	14.9	(123.2)	(0.0)	(111.5)
7/5/19 10:30	33.5	24.9	1.3	58.9	7/5/19 23:30	(60.8)	(69.5)	(0.0)	(126.1)
7/5/19 10:45	23.6	15.5	1.1	39.1	7/5/19 23:45	(16.1)	23.2	0.0	7.8
7/5/19 11:00	(11.9)	18.7	1.7	15.5	7/6/19 0:00	(22.2)	65.2	(0.0)	46.0
7/5/19 11:15	14.6	22.3	(1.7)	34.5	7/6/19 0:15	(30.9)	78.0	0.0	53.6
7/5/19 11:30	8.4	7.6	1.5	15.5	7/6/19 0:30	(41.9)	(41.1)	(0.0)	(82.7)
7/5/19 11:45	(20.6)	24.0	0.7	17.2	7/6/19 0:45	(34.3)	39.4	(0.0)	27.0
7/5/19 12:00	34.5	10.5	1.5	45.4	7/6/19 1:00	9.1	51.8	(0.0)	55.8
7/5/19 12:15	22.6	1.0	(2.2)	22.5	7/6/19 1:15	(34.4)	89.6	0.0	55.3
7/5/19 12:30	11.5	10.2	(1.9)	17.9	7/6/19 1:30	(59.5)	98.7	0.0	39.2
7/5/19 12:45	37.2	10.4	1.6	49.0	7/6/19 1:45	2.4	69.9	0.0	71.8
7/5/19 13:00	22.3	5.8	1.7	28.6	7/6/19 2:00	(37.3)	(7.2)	(0.0)	(42.1)
7/5/19 13:15	14.1	(14.4)	(3.8)	(10.5)	7/6/19 2:15	23.1	(23.8)	(0.0)	(1.7)
7/5/19 13:30	43.6	(13.9)	4.9	34.6	7/6/19 2:30	1.5	40.2	0.0	41.2
7/5/19 13:45	32.4	1.7	(1.5)	32.3	7/6/19 2:45	(37.4)	(7.7)	0.0	(44.4)
7/5/19 14:00	14.2	2.3	(3.3)	11.4	7/6/19 3:00	64.0	(9.6)	(0.0)	58.8
7/5/19 14:15	53.5	(8.5)	14.1	59.1	7/6/19 3:15	10.9	(32.9)	0.0	(22.2)
7/5/19 14:30	22.2	(7.3)	(5.5)	11.7	7/6/19 3:30	(36.6)	(40.6)	0.0	(77.3)
7/5/19 14:45	(10.1)	(15.8)	4.0	(23.0)	7/6/19 3:45	17.9	(55.2)	0.0	(39.7)
7/5/19 15:00	46.3	(11.6)	3.6	38.3	7/6/19 4:00	(2.1)	22.6	(0.0)	22.1
7/5/19 15:15	41.8	(2.7)	(11.9)	27.2	7/6/19 4:15	(22.3)	41.1	0.0	20.6
7/5/19 15:30	18.1	16.5	(1.2)	33.5	7/6/19 4:30	16.4	(17.9)	0.0	28.4
7/5/19 15:45	37.0	24.7	1.1	62.4	7/6/19 4:45	(9.3)	(117.0)	(0.0)	(123.7)
7/5/19 16:00	26.1	(2.9)	1.4	26.1	7/6/19 5:00	11.5	36.9	0.0	46.6
7/5/19 16:15	(4.3)	14.1	8.4	19.9	7/6/19 5:15	16.4	36.1	(0.0)	52.4
7/5/19 16:30	(9.9)	20.8	11.2	25.8	7/6/19 5:30	(23.5)	(39.7)	(0.0)	(63.0)
7/5/19 16:45	17.2	31.7	(2.4)	46.5	7/6/19 5:45	12.4	(23.6)	(0.1)	(29.9)
7/5/19 17:00	(2.4)	25.5	5.9	30.8	7/6/19 6:00	12.9	(18.7)	(0.9)	(8.7)
7/5/19 17:15	42.1	37.6	0.7	79.9	7/6/19 6:15	16.8	(64.8)	(2.7)	(61.3)
7/5/19 17:30	24.4	16.6	3.2	44.2	7/6/19 6:30	15.3	(12.9)	(5.3)	(17.7)
7/5/19 17:45	11.3	(12.1)	3.4	10.7	7/6/19 6:45	19.5	(7.4)	(4.8)	9.5
7/5/19 18:00	(22.3)	(50.4)	3.8	(68.9)	7/6/19 7:00	(9.8)	30.1	(3.0)	23.4
7/5/19 18:15	(27.1)	(54.2)	7.3	(74.0)	7/6/19 7:15	54.9	(27.3)	(5.2)	24.1
7/5/19 18:30	(19.9)	(16.0)	9.7	(23.0)	7/6/19 7:30	31.5	23.9	(9.1)	46.2
7/5/19 18:45	(61.0)	33.1	20.8	(11.5)	7/6/19 7:45	10.0	8.9	(2.0)	11.2
7/5/19 19:00	(24.2)	7.0	3.8	(20.0)	7/6/19 8:00	39.9	17.9	(3.5)	52.3
7/5/19 19:15	(31.8)	(59.9)	14.1	(77.7)	7/6/19 8:15	(49.7)	29.5	(21.9)	(40.9)
7/5/19 19:30	(46.7)	(139.8)	23.8	(162.7)	7/6/19 8:30	(14.1)	16.5	6.6	10.4
7/5/19 19:45	(7.4)	(46.5)	14.7	(38.3)	7/6/19 8:45	27.5	7.7	13.3	45.3
7/5/19 20:00	(9.7)	(8.9)	3.6	(14.7)	7/6/19 9:00	18.3	18.1	(32.4)	4.7

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/6/19 9:15	26.8	8.3	5.2	39.9	7/6/19 22:15	(79.3)	13.3	0.0	(66.0)
7/6/19 9:30	21.5	2.4	(10.0)	14.4	7/6/19 22:30	(17.1)	16.5	0.0	(10.2)
7/6/19 9:45	39.0	(8.0)	4.5	35.4	7/6/19 22:45	12.3	50.0	(0.0)	60.4
7/6/19 10:00	30.3	5.7	6.3	41.0	7/6/19 23:00	(48.7)	38.7	0.0	(12.8)
7/6/19 10:15	32.3	14.6	15.7	61.4	7/6/19 23:15	(29.8)	19.6	0.0	(13.9)
7/6/19 10:30	(15.6)	(2.4)	(18.6)	(31.3)	7/6/19 23:30	(53.6)	27.3	(0.0)	(27.1)
7/6/19 10:45	40.1	5.8	(1.2)	43.6	7/6/19 23:45	(67.2)	(19.0)	(0.0)	(86.2)
7/6/19 11:00	8.1	29.4	(9.7)	24.5	7/7/19 0:00	(22.3)	(9.9)	(0.0)	(29.9)
7/6/19 11:15	(12.7)	9.4	(3.2)	13.5	7/7/19 0:15	(7.9)	15.0	(0.0)	7.9
7/6/19 11:30	27.3	18.6	5.9	50.0	7/7/19 0:30	(53.1)	90.7	(0.0)	40.0
7/6/19 11:45	(13.0)	20.2	10.0	22.6	7/7/19 0:45	(13.3)	25.3	0.0	25.6
7/6/19 12:00	19.6	6.9	10.0	33.9	7/7/19 1:00	(18.5)	37.3	0.0	26.4
7/6/19 12:15	18.4	(2.2)	(3.6)	13.0	7/7/19 1:15	(26.1)	33.2	(0.0)	9.1
7/6/19 12:30	43.0	(15.2)	(4.5)	23.3	7/7/19 1:30	(9.1)	(6.9)	0.0	(14.2)
7/6/19 12:45	39.2	(4.7)	(9.3)	27.2	7/7/19 1:45	(10.6)	10.5	(0.0)	(7.1)
7/6/19 13:00	25.4	5.1	(4.9)	23.3	7/7/19 2:00	(42.8)	12.0	(0.0)	(32.3)
7/6/19 13:15	43.8	(9.6)	(10.6)	24.0	7/7/19 2:15	19.3	(12.1)	(0.0)	10.6
7/6/19 13:30	25.4	(5.7)	17.8	37.5	7/7/19 2:30	(8.9)	(8.5)	0.0	(15.3)
7/6/19 13:45	(11.6)	(27.1)	(5.8)	(38.5)	7/7/19 2:45	(25.7)	39.4	0.0	13.8
7/6/19 14:00	20.9	(27.6)	(3.0)	(16.6)	7/7/19 3:00	17.0	9.6	0.0	24.2
7/6/19 14:15	(6.4)	(4.3)	(9.0)	(18.1)	7/7/19 3:15	(4.7)	(14.3)	0.0	(18.8)
7/6/19 14:30	(28.9)	(34.0)	10.0	(51.5)	7/7/19 3:30	(36.1)	(20.4)	0.0	(53.8)
7/6/19 14:45	34.7	(50.5)	9.1	(13.1)	7/7/19 3:45	10.2	115.6	(0.0)	122.5
7/6/19 15:00	(10.3)	(33.1)	(12.2)	(55.6)	7/7/19 4:00	19.3	4.5	(0.0)	23.4
7/6/19 15:15	(35.5)	11.3	23.8	(8.9)	7/7/19 4:15	(31.9)	14.6	0.0	(19.0)
7/6/19 15:30	24.6	26.2	(4.6)	45.9	7/7/19 4:30	14.7	(52.1)	(0.0)	(37.5)
7/6/19 15:45	19.2	8.6	(6.7)	21.9	7/7/19 4:45	(35.9)	29.5	(0.0)	(14.5)
7/6/19 16:00	(13.8)	(10.9)	2.5	(22.6)	7/7/19 5:00	20.4	30.9	0.0	40.5
7/6/19 16:15	41.1	(6.2)	(6.2)	35.2	7/7/19 5:15	39.3	(7.0)	(0.0)	37.0
7/6/19 16:30	27.0	(9.9)	3.0	19.2	7/7/19 5:30	(24.2)	(7.2)	0.0	(31.1)
7/6/19 16:45	11.8	(9.1)	(7.8)	(10.1)	7/7/19 5:45	(18.5)	13.7	(0.1)	17.7
7/6/19 17:00	39.1	(14.1)	15.5	39.6	7/7/19 6:00	12.7	(13.4)	(0.8)	7.8
7/6/19 17:15	33.8	(80.8)	(20.0)	(65.5)	7/7/19 6:15	19.5	(15.8)	(5.9)	(3.3)
7/6/19 17:30	24.1	(133.0)	(4.8)	(114.9)	7/7/19 6:30	22.2	(14.2)	(11.3)	7.0
7/6/19 17:45	30.6	(109.7)	7.1	(74.7)	7/7/19 6:45	11.9	(23.2)	(7.7)	(18.8)
7/6/19 18:00	29.4	(65.0)	(12.9)	(45.3)	7/7/19 7:00	(13.4)	(20.5)	(3.2)	(27.6)
7/6/19 18:15	9.3	(47.0)	4.2	(40.6)	7/7/19 7:15	14.1	(8.2)	(16.7)	(22.0)
7/6/19 18:30	(12.9)	(12.8)	28.5	15.0	7/7/19 7:30	13.6	4.8	(21.3)	(7.9)
7/6/19 18:45	9.1	(23.1)	14.7	7.7	7/7/19 7:45	11.7	18.4	(9.6)	12.4
7/6/19 19:00	(8.5)	21.6	17.4	33.8	7/7/19 8:00	51.0	32.1	(7.2)	75.9
7/6/19 19:15	11.6	(10.1)	12.4	12.0	7/7/19 8:15	(20.9)	23.8	(0.9)	4.0
7/6/19 19:30	7.5	(11.5)	4.2	(5.4)	7/7/19 8:30	(14.3)	47.1	(16.2)	22.8
7/6/19 19:45	(25.8)	22.5	(1.1)	(7.0)	7/7/19 8:45	17.1	38.8	(4.7)	46.0
7/6/19 20:00	(47.6)	(17.1)	5.3	(57.4)	7/7/19 9:00	20.9	(11.9)	(10.3)	(5.3)
7/6/19 20:15	(35.3)	(63.7)	2.6	(96.4)	7/7/19 9:15	18.3	(10.5)	(5.5)	9.9
7/6/19 20:30	(29.9)	(51.7)	1.5	(80.2)	7/7/19 9:30	50.8	(19.0)	2.5	34.2
7/6/19 20:45	(24.2)	(47.0)	(0.0)	(62.6)	7/7/19 9:45	34.0	(32.1)	(12.5)	(10.7)
7/6/19 21:00	12.0	(8.6)	(0.0)	(7.2)	7/7/19 10:00	5.9	(13.0)	(3.3)	(15.0)
7/6/19 21:15	(14.7)	(11.5)	0.0	(26.3)	7/7/19 10:15	11.0	(8.3)	10.1	16.2
7/6/19 21:30	(52.1)	(9.7)	0.0	(59.2)	7/7/19 10:30	55.5	(15.8)	11.2	42.7
7/6/19 21:45	(12.8)	23.2	0.0	10.5	7/7/19 10:45	41.1	(14.0)	(13.6)	19.2
7/6/19 22:00	(33.1)	40.9	(0.0)	11.2	7/7/19 11:00	14.1	(23.8)	3.1	(18.1)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/7/19 11:15	50.0	(17.4)	3.3	34.3	7/8/19 0:15	(18.7)	(6.8)	(0.0)	(23.4)
7/7/19 11:30	44.1	(28.5)	3.2	18.3	7/8/19 0:30	(35.9)	(12.0)	(0.0)	(48.0)
7/7/19 11:45	10.2	(25.7)	(6.8)	(26.4)	7/8/19 0:45	(14.7)	(23.2)	0.0	(34.2)
7/7/19 12:00	59.3	(18.2)	5.5	63.1	7/8/19 1:00	(22.3)	5.8	(0.0)	(16.6)
7/7/19 12:15	35.1	(29.8)	(5.4)	11.5	7/8/19 1:15	(18.9)	(16.6)	(0.0)	(34.6)
7/7/19 12:30	35.1	(2.7)	2.2	37.1	7/8/19 1:30	7.5	(11.7)	0.0	(8.4)
7/7/19 12:45	17.5	(2.7)	(3.7)	14.3	7/8/19 1:45	(11.3)	6.2	(0.0)	(8.1)
7/7/19 13:00	44.8	(27.8)	9.0	26.0	7/8/19 2:00	(32.6)	36.7	0.0	12.5
7/7/19 13:15	35.6	12.4	13.5	59.4	7/8/19 2:15	13.9	(8.7)	(0.0)	(12.4)
7/7/19 13:30	22.6	(17.0)	13.2	19.6	7/8/19 2:30	(44.7)	41.3	(0.0)	(9.4)
7/7/19 13:45	50.7	11.2	6.2	64.6	7/8/19 2:45	(14.6)	33.8	0.0	19.3
7/7/19 14:00	40.9	4.9	(24.1)	17.8	7/8/19 3:00	25.0	(9.5)	0.0	23.8
7/7/19 14:15	19.8	16.5	10.3	41.8	7/8/19 3:15	(33.1)	(12.4)	(0.0)	(43.4)
7/7/19 14:30	40.5	11.2	3.4	53.2	7/8/19 3:30	14.6	6.5	0.0	20.2
7/7/19 14:45	27.4	51.7	25.7	104.9	7/8/19 3:45	7.6	5.9	0.0	11.7
7/7/19 15:00	(13.1)	(9.6)	(16.6)	(34.3)	7/8/19 4:00	(24.5)	11.6	(0.0)	(14.2)
7/7/19 15:15	59.8	10.8	(3.7)	61.9	7/8/19 4:15	43.9	(23.7)	0.0	23.7
7/7/19 15:30	29.4	(5.9)	3.5	26.9	7/8/19 4:30	12.9	(17.3)	0.0	(8.8)
7/7/19 15:45	12.1	(13.3)	10.2	7.1	7/8/19 4:45	(13.5)	(10.9)	(0.0)	(20.2)
7/7/19 16:00	5.8	(29.5)	25.6	5.0	7/8/19 5:00	34.8	4.3	0.0	36.1
7/7/19 16:15	(10.7)	(43.5)	16.1	(36.6)	7/8/19 5:15	46.8	7.4	0.0	54.1
7/7/19 16:30	(26.7)	(53.1)	7.3	(71.9)	7/8/19 5:30	(24.7)	52.9	0.0	28.5
7/7/19 16:45	12.4	(46.3)	8.9	(36.4)	7/8/19 5:45	18.7	60.5	(0.0)	78.3
7/7/19 17:00	(7.3)	(48.8)	(4.0)	(58.6)	7/8/19 6:00	26.6	36.7	(0.4)	62.9
7/7/19 17:15	(35.8)	(15.7)	(3.1)	(52.1)	7/8/19 6:15	9.2	34.5	(3.0)	32.2
7/7/19 17:30	(9.4)	(18.1)	11.0	(15.0)	7/8/19 6:30	6.5	53.9	(6.9)	49.1
7/7/19 17:45	16.2	42.7	(4.7)	56.0	7/8/19 6:45	14.9	48.4	(5.0)	58.3
7/7/19 18:00	(35.3)	(13.6)	(6.7)	(54.9)	7/8/19 7:00	(23.4)	48.5	(10.1)	16.8
7/7/19 18:15	(12.3)	(23.7)	9.1	(25.6)	7/8/19 7:15	51.4	47.1	(8.6)	89.9
7/7/19 18:30	(22.3)	(96.8)	(10.4)	(126.7)	7/8/19 7:30	30.8	32.6	(7.5)	58.2
7/7/19 18:45	(36.1)	24.8	(2.9)	(22.1)	7/8/19 7:45	9.1	45.7	(45.1)	7.7
7/7/19 19:00	(12.5)	8.1	7.5	(4.6)	7/8/19 8:00	13.7	18.8	(6.6)	26.4
7/7/19 19:15	(11.2)	(60.7)	13.3	(57.4)	7/8/19 8:15	9.9	17.1	(12.4)	9.2
7/7/19 19:30	(25.7)	(42.7)	8.6	(56.6)	7/8/19 8:30	33.7	10.6	(6.8)	37.5
7/7/19 19:45	(40.7)	46.2	1.2	12.8	7/8/19 8:45	21.5	22.4	(11.0)	32.9
7/7/19 20:00	(6.8)	17.7	0.9	15.0	7/8/19 9:00	32.2	27.7	(8.4)	51.4
7/7/19 20:15	12.1	50.6	0.4	63.1	7/8/19 9:15	36.1	31.6	(2.6)	66.1
7/7/19 20:30	(13.8)	12.4	0.0	(23.3)	7/8/19 9:30	29.7	40.0	(4.5)	65.2
7/7/19 20:45	10.3	(19.1)	0.0	(12.1)	7/8/19 9:45	72.8	31.0	5.7	107.5
7/7/19 21:00	(21.8)	(4.2)	(0.0)	(25.9)	7/8/19 10:00	30.6	23.8	2.4	55.1
7/7/19 21:15	(29.5)	(19.6)	(0.0)	(49.1)	7/8/19 10:15	(14.7)	16.4	(2.4)	10.6
7/7/19 21:30	(43.0)	(22.3)	(0.0)	(65.3)	7/8/19 10:30	47.7	10.9	11.0	69.6
7/7/19 21:45	(5.8)	(6.8)	0.0	(11.6)	7/8/19 10:45	38.2	2.1	2.6	40.6
7/7/19 22:00	(32.9)	27.9	(0.0)	(6.1)	7/8/19 11:00	24.8	4.4	(4.1)	25.2
7/7/19 22:15	(57.3)	50.2	(0.0)	(8.2)	7/8/19 11:15	35.7	(2.4)	3.6	33.6
7/7/19 22:30	(35.8)	1.6	0.0	(34.3)	7/8/19 11:30	20.7	(11.0)	(1.0)	13.7
7/7/19 22:45	(68.8)	25.4	0.0	(43.4)	7/8/19 11:45	36.5	(8.9)	(8.9)	18.8
7/7/19 23:00	(59.7)	68.0	0.0	20.0	7/8/19 12:00	34.6	(8.7)	(7.3)	18.6
7/7/19 23:15	13.4	10.5	(0.0)	19.6	7/8/19 12:15	12.1	(10.6)	2.5	(14.3)
7/7/19 23:30	(51.1)	26.0	0.0	(25.1)	7/8/19 12:30	(15.7)	(12.2)	(3.1)	(24.5)
7/7/19 23:45	(27.5)	27.3	0.0	17.3	7/8/19 12:45	34.4	(10.5)	7.2	31.1
7/8/19 0:00	(19.3)	26.2	(0.0)	16.5	7/8/19 13:00	41.6	(18.0)	(5.3)	22.5

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/8/19 13:15	23.2	(18.7)	9.3	13.8	7/9/19 2:15	23.5	57.0	(0.0)	79.7
7/8/19 13:30	(26.2)	(22.9)	19.2	(28.9)	7/9/19 2:30	(15.4)	16.6	0.0	(14.7)
7/8/19 13:45	23.3	(35.7)	3.3	(15.4)	7/9/19 2:45	(17.1)	(25.9)	0.0	(42.9)
7/8/19 14:00	(29.8)	(58.0)	(22.8)	(108.8)	7/9/19 3:00	6.2	(9.2)	0.0	(10.6)
7/8/19 14:15	(58.8)	(54.9)	11.4	(102.9)	7/9/19 3:15	(12.8)	(14.3)	0.0	(24.1)
7/8/19 14:30	(5.4)	(48.6)	22.7	(31.3)	7/9/19 3:30	(16.8)	9.0	(0.0)	(16.1)
7/8/19 14:45	(3.2)	18.3	8.3	23.1	7/9/19 3:45	(5.8)	23.8	(0.0)	23.5
7/8/19 15:00	(20.4)	45.3	(8.0)	20.5	7/9/19 4:00	(11.9)	(21.9)	0.0	(26.0)
7/8/19 15:15	43.9	(81.4)	5.2	(36.3)	7/9/19 4:15	(21.7)	(2.3)	0.0	(21.9)
7/8/19 15:30	20.8	(76.0)	(11.4)	(74.0)	7/9/19 4:30	1.8	(23.9)	(0.0)	(22.4)
7/8/19 15:45	(9.8)	(52.1)	(19.9)	(79.1)	7/9/19 4:45	14.7	(13.6)	0.0	3.1
7/8/19 16:00	51.1	(82.5)	30.8	(13.0)	7/9/19 5:00	25.8	(38.1)	(0.0)	(13.1)
7/8/19 16:15	26.3	(147.3)	27.8	(93.2)	7/9/19 5:15	35.6	(18.1)	0.0	20.2
7/8/19 16:30	(24.2)	(45.1)	(8.8)	(46.0)	7/9/19 5:30	9.3	(63.8)	(0.0)	(54.6)
7/8/19 16:45	(28.3)	102.2	(12.0)	76.7	7/9/19 5:45	9.1	(27.8)	(0.1)	(19.3)
7/8/19 17:00	7.9	103.0	7.1	109.8	7/9/19 6:00	21.0	11.6	(1.8)	30.6
7/8/19 17:15	18.8	72.2	6.2	97.3	7/9/19 6:15	45.4	(6.8)	(8.1)	34.1
7/8/19 17:30	35.4	113.0	(8.2)	140.6	7/9/19 6:30	28.7	(18.9)	(15.6)	(7.3)
7/8/19 17:45	18.3	(33.2)	(28.1)	(32.7)	7/9/19 6:45	17.0	21.2	(19.5)	18.7
7/8/19 18:00	6.9	(73.7)	16.3	(64.5)	7/9/19 7:00	32.8	8.6	(20.6)	20.8
7/8/19 18:15	(38.4)	12.6	13.0	(32.9)	7/9/19 7:15	19.4	21.3	(19.7)	21.0
7/8/19 18:30	19.7	67.5	(20.7)	60.0	7/9/19 7:30	39.3	44.8	(17.0)	67.0
7/8/19 18:45	9.9	116.2	11.7	130.0	7/9/19 7:45	29.0	39.9	(14.3)	54.6
7/8/19 19:00	(31.6)	25.8	19.9	28.7	7/9/19 8:00	29.1	14.5	(7.7)	34.6
7/8/19 19:15	(37.0)	(21.0)	17.9	(39.7)	7/9/19 8:15	29.1	6.8	(4.6)	30.6
7/8/19 19:30	(26.3)	(39.0)	16.9	(47.4)	7/9/19 8:30	17.0	6.6	(2.3)	20.6
7/8/19 19:45	(42.0)	(77.5)	14.6	(104.9)	7/9/19 8:45	(18.7)	(6.3)	(1.4)	(20.5)
7/8/19 20:00	(23.0)	15.4	10.7	(23.9)	7/9/19 9:00	14.4	(17.0)	(1.0)	(3.6)
7/8/19 20:15	(28.7)	17.6	2.8	(10.7)	7/9/19 9:15	17.9	(3.5)	(0.5)	14.5
7/8/19 20:30	(31.4)	24.9	0.3	(7.4)	7/9/19 9:30	29.8	12.5	(1.1)	41.1
7/8/19 20:45	(23.2)	55.9	0.0	38.4	7/9/19 9:45	22.2	24.9	(0.8)	46.3
7/8/19 21:00	(9.9)	27.3	(0.0)	26.0	7/9/19 10:00	21.9	4.2	(0.3)	25.8
7/8/19 21:15	(9.7)	86.2	(0.0)	78.5	7/9/19 10:15	25.8	26.7	(0.1)	52.4
7/8/19 21:30	(64.5)	63.6	(0.0)	(6.3)	7/9/19 10:30	23.2	27.5	(0.2)	50.6
7/8/19 21:45	(27.3)	40.3	0.0	17.9	7/9/19 10:45	19.0	13.4	0.1	32.4
7/8/19 22:00	(63.2)	9.8	0.0	(53.3)	7/9/19 11:00	27.5	11.0	(0.1)	38.4
7/8/19 22:15	(44.5)	5.1	0.0	(39.3)	7/9/19 11:15	23.6	13.0	0.1	36.7
7/8/19 22:30	(61.9)	5.6	(0.0)	(56.4)	7/9/19 11:30	32.7	18.4	0.2	51.3
7/8/19 22:45	(61.8)	13.9	0.0	(47.8)	7/9/19 11:45	23.4	16.2	0.1	39.7
7/8/19 23:00	(64.8)	3.9	0.0	(60.9)	7/9/19 12:00	25.2	19.0	0.1	44.3
7/8/19 23:15	(33.6)	(7.2)	0.1	(40.6)	7/9/19 12:15	52.9	14.2	0.2	67.3
7/8/19 23:30	(44.4)	(7.1)	0.1	(51.4)	7/9/19 12:30	28.6	5.1	(0.1)	33.5
7/8/19 23:45	(41.8)	(15.2)	(0.0)	(54.4)	7/9/19 12:45	30.4	2.7	0.2	33.2
7/9/19 0:00	24.9	(7.6)	(0.0)	18.5	7/9/19 13:00	15.3	(4.8)	0.1	10.6
7/9/19 0:15	(49.4)	(9.5)	(0.0)	(58.9)	7/9/19 13:15	21.2	(3.1)	1.3	19.9
7/9/19 0:30	(26.7)	(13.6)	(0.0)	(39.4)	7/9/19 13:30	39.6	(8.7)	(1.3)	30.5
7/9/19 0:45	(28.6)	(1.9)	0.0	(30.4)	7/9/19 13:45	29.2	(2.7)	(0.8)	28.2
7/9/19 1:00	(49.9)	(9.9)	0.0	(59.8)	7/9/19 14:00	33.3	(4.3)	(0.3)	30.8
7/9/19 1:15	18.3	(2.9)	(0.0)	16.8	7/9/19 14:15	32.0	(9.8)	0.9	24.9
7/9/19 1:30	(19.8)	(35.2)	0.0	(52.7)	7/9/19 14:30	(11.3)	(4.8)	2.0	(13.3)
7/9/19 1:45	(28.8)	(59.1)	(0.0)	(88.0)	7/9/19 14:45	36.8	(7.3)	(1.2)	28.4
7/9/19 2:00	(23.9)	(11.7)	0.0	(35.3)	7/9/19 15:00	33.0	(10.8)	(0.5)	22.1

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/9/19 15:15	35.6	(7.6)	2.0	30.7	7/10/19 4:15	(12.4)	(6.7)	(0.0)	(10.5)
7/9/19 15:30	38.8	(8.5)	2.9	32.4	7/10/19 4:30	17.9	(7.3)	0.0	(18.1)
7/9/19 15:45	34.3	(8.3)	6.5	32.5	7/10/19 4:45	17.4	(4.0)	(0.0)	14.7
7/9/19 16:00	37.4	(8.5)	(3.8)	26.8	7/10/19 5:00	20.4	(3.8)	(0.0)	17.4
7/9/19 16:15	62.0	(6.6)	(7.4)	48.9	7/10/19 5:15	(10.5)	(2.1)	(0.0)	(11.4)
7/9/19 16:30	39.3	(8.4)	1.1	31.4	7/10/19 5:30	21.2	(5.6)	0.0	18.4
7/9/19 16:45	14.0	(53.9)	0.9	(48.8)	7/10/19 5:45	13.9	2.5	(0.1)	15.7
7/9/19 17:00	(17.8)	(16.4)	1.0	(33.3)	7/10/19 6:00	(15.9)	17.0	(0.9)	22.6
7/9/19 17:15	35.3	(22.4)	5.8	22.3	7/10/19 6:15	71.9	11.0	(6.6)	72.7
7/9/19 17:30	31.9	(34.9)	3.4	10.8	7/10/19 6:30	34.1	(34.6)	(13.9)	(15.0)
7/9/19 17:45	24.9	(17.4)	8.1	15.8	7/10/19 6:45	13.7	(33.6)	(17.4)	(41.3)
7/9/19 18:00	(32.5)	8.3	4.1	(21.3)	7/10/19 7:00	47.0	96.3	(18.9)	124.4
7/9/19 18:15	7.5	8.7	9.4	23.4	7/10/19 7:15	12.6	92.9	(11.0)	94.1
7/9/19 18:30	3.7	(6.7)	10.7	7.3	7/10/19 7:30	14.6	87.2	3.9	98.2
7/9/19 18:45	(41.4)	(51.7)	10.9	(82.2)	7/10/19 7:45	37.2	68.9	(7.4)	98.7
7/9/19 19:00	(11.7)	(74.7)	14.9	(69.2)	7/10/19 8:00	14.0	41.7	(8.0)	44.3
7/9/19 19:15	(5.8)	(49.9)	17.4	(35.2)	7/10/19 8:15	13.3	28.7	(2.1)	34.1
7/9/19 19:30	(21.4)	(39.3)	16.7	(44.0)	7/10/19 8:30	39.0	36.8	(4.3)	71.9
7/9/19 19:45	(54.7)	(103.2)	14.8	(143.0)	7/10/19 8:45	(19.9)	37.1	(1.2)	41.5
7/9/19 20:00	(55.9)	(95.9)	10.4	(141.4)	7/10/19 9:00	(37.4)	33.8	(4.2)	25.4
7/9/19 20:15	(32.8)	(36.9)	3.1	(66.7)	7/10/19 9:15	29.7	32.0	(3.5)	58.1
7/9/19 20:30	(24.4)	16.6	0.5	(8.9)	7/10/19 9:30	22.9	29.8	(22.7)	29.9
7/9/19 20:45	(29.7)	25.5	0.0	(8.6)	7/10/19 9:45	8.9	35.0	(11.5)	23.8
7/9/19 21:00	(31.3)	(21.8)	0.0	(51.3)	7/10/19 10:00	37.4	22.8	(5.2)	55.1
7/9/19 21:15	(55.8)	(35.4)	(0.0)	(91.2)	7/10/19 10:15	8.1	15.6	(0.7)	23.1
7/9/19 21:30	(69.0)	7.4	(0.0)	(62.3)	7/10/19 10:30	16.4	10.5	(0.4)	22.0
7/9/19 21:45	(31.2)	(2.6)	0.0	(31.3)	7/10/19 10:45	28.8	10.4	(0.7)	36.4
7/9/19 22:00	(49.5)	(39.8)	(0.0)	(89.3)	7/10/19 11:00	23.0	12.2	(0.1)	35.1
7/9/19 22:15	(125.1)	(64.2)	(0.0)	(189.4)	7/10/19 11:15	(8.5)	4.3	(0.7)	(6.6)
7/9/19 22:30	(63.8)	(26.7)	0.0	(90.5)	7/10/19 11:30	32.1	3.5	0.2	35.9
7/9/19 22:45	(41.7)	9.3	0.0	(32.4)	7/10/19 11:45	35.2	10.2	0.9	46.3
7/9/19 23:00	(36.1)	5.8	(0.0)	(30.4)	7/10/19 12:00	11.3	8.9	0.4	16.7
7/9/19 23:15	(32.0)	21.6	(0.0)	(10.4)	7/10/19 12:15	29.4	2.3	0.1	31.4
7/9/19 23:30	(78.1)	23.0	0.0	(55.1)	7/10/19 12:30	27.9	0.4	0.5	28.5
7/9/19 23:45	(52.5)	17.2	0.0	(36.7)	7/10/19 12:45	19.1	(5.4)	0.1	17.4
7/10/19 0:00	(36.6)	(22.8)	(0.0)	(59.4)	7/10/19 13:00	20.0	(6.7)	(0.4)	16.8
7/10/19 0:15	(71.1)	8.6	(0.0)	(66.8)	7/10/19 13:15	65.4	(6.8)	(0.6)	58.1
7/10/19 0:30	35.9	43.0	(0.0)	73.4	7/10/19 13:30	17.2	(6.9)	1.1	14.8
7/10/19 0:45	(18.4)	53.4	(0.0)	39.2	7/10/19 13:45	20.1	(10.9)	0.3	13.0
7/10/19 1:00	(39.2)	22.6	0.0	(23.1)	7/10/19 14:00	(27.1)	(10.1)	0.3	(35.5)
7/10/19 1:15	13.1	(29.5)	(0.0)	(19.1)	7/10/19 14:15	100.4	3.5	(0.9)	103.1
7/10/19 1:30	(16.6)	(95.8)	(0.0)	(111.8)	7/10/19 14:30	37.2	(2.0)	(0.7)	34.8
7/10/19 1:45	(34.7)	(55.2)	(0.0)	(89.9)	7/10/19 14:45	(14.3)	(5.9)	0.4	(18.4)
7/10/19 2:00	(17.7)	35.7	0.0	26.9	7/10/19 15:00	60.5	(15.4)	1.6	46.6
7/10/19 2:15	(9.9)	(15.0)	(0.0)	(22.8)	7/10/19 15:15	44.8	(15.6)	(0.6)	28.7
7/10/19 2:30	(23.5)	42.0	0.0	20.7	7/10/19 15:30	17.1	(14.0)	0.4	9.5
7/10/19 2:45	(18.0)	29.1	0.0	20.3	7/10/19 15:45	50.7	(10.1)	0.4	41.7
7/10/19 3:00	(15.4)	(5.4)	0.0	(15.4)	7/10/19 16:00	44.1	3.7	0.9	47.6
7/10/19 3:15	(9.2)	3.4	(0.0)	(6.6)	7/10/19 16:15	18.4	(6.3)	0.8	16.5
7/10/19 3:30	(18.5)	(15.3)	(0.0)	(31.8)	7/10/19 16:30	45.9	(11.8)	0.8	37.8
7/10/19 3:45	(16.8)	91.0	0.0	82.1	7/10/19 16:45	32.6	(2.0)	1.1	33.0
7/10/19 4:00	6.0	19.3	0.0	22.4	7/10/19 17:00	16.7	(4.1)	1.0	14.7

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/10/19 17:15	16.4	(3.2)	2.1	18.0	7/11/19 6:15	39.0	(34.4)	(6.2)	(6.4)
7/10/19 17:30	31.1	(1.3)	2.9	33.7	7/11/19 6:30	31.7	(6.3)	(11.6)	20.2
7/10/19 17:45	15.3	(13.6)	3.7	8.8	7/11/19 6:45	40.5	23.0	(16.3)	47.3
7/10/19 18:00	(14.5)	(13.5)	4.6	(23.7)	7/11/19 7:00	32.4	26.5	(20.2)	38.7
7/10/19 18:15	(6.9)	(1.8)	7.3	5.9	7/11/19 7:15	23.8	69.4	(19.1)	70.9
7/10/19 18:30	(7.1)	(6.4)	12.7	7.1	7/11/19 7:30	(11.7)	92.4	(16.9)	71.1
7/10/19 18:45	(30.5)	(8.3)	19.6	(21.6)	7/11/19 7:45	35.1	(15.4)	(14.7)	24.8
7/10/19 19:00	14.7	(3.4)	30.0	28.8	7/11/19 8:00	40.6	(30.9)	(9.0)	14.0
7/10/19 19:15	(32.9)	(6.0)	19.5	(19.4)	7/11/19 8:15	31.2	27.4	(6.1)	52.5
7/10/19 19:30	(50.2)	(19.9)	10.8	(59.3)	7/11/19 8:30	39.9	23.0	(4.3)	58.6
7/10/19 19:45	(38.2)	(33.6)	7.9	(63.9)	7/11/19 8:45	42.6	(4.6)	(3.1)	37.1
7/10/19 20:00	(45.3)	(49.3)	5.6	(88.9)	7/11/19 9:00	52.2	(4.5)	(2.4)	45.4
7/10/19 20:15	(57.3)	(53.1)	1.5	(108.9)	7/11/19 9:15	52.6	18.0	(2.1)	68.1
7/10/19 20:30	13.0	(54.2)	0.2	(45.6)	7/11/19 9:30	(35.3)	45.4	(1.7)	10.0
7/10/19 20:45	14.0	(57.8)	0.0	(43.7)	7/11/19 9:45	48.4	46.1	(0.4)	91.6
7/10/19 21:00	(47.2)	(51.2)	(0.0)	(98.3)	7/11/19 10:00	49.1	20.0	(0.4)	68.9
7/10/19 21:15	(30.2)	(71.0)	0.0	(101.2)	7/11/19 10:15	46.2	11.0	0.6	57.4
7/10/19 21:30	(39.2)	(83.7)	(0.0)	(122.9)	7/11/19 10:30	14.2	64.8	(0.1)	78.9
7/10/19 21:45	(57.6)	(61.9)	(0.0)	(119.5)	7/11/19 10:45	31.5	31.7	(0.5)	62.7
7/10/19 22:00	(87.6)	(46.1)	0.0	(133.7)	7/11/19 11:00	55.9	45.7	(0.3)	101.4
7/10/19 22:15	(97.2)	(51.0)	(0.0)	(148.2)	7/11/19 11:15	68.2	60.2	(0.2)	128.2
7/10/19 22:30	(3.8)	(50.0)	0.0	(50.6)	7/11/19 11:30	43.8	69.5	0.1	113.3
7/10/19 22:45	(44.1)	(39.9)	0.0	(84.0)	7/11/19 11:45	15.7	64.8	0.2	79.1
7/10/19 23:00	(53.1)	5.8	(0.0)	(48.1)	7/11/19 12:00	8.1	40.3	0.3	41.5
7/10/19 23:15	(98.9)	2.7	0.0	(97.5)	7/11/19 12:15	32.5	36.4	0.5	68.3
7/10/19 23:30	(43.1)	20.5	0.0	(24.6)	7/11/19 12:30	34.3	29.3	1.4	65.0
7/10/19 23:45	(52.9)	18.8	0.0	(35.8)	7/11/19 12:45	43.1	12.1	(0.1)	55.1
7/11/19 0:00	(46.5)	(28.0)	(0.0)	(71.1)	7/11/19 13:00	33.1	3.0	4.0	40.1
7/11/19 0:15	39.3	(64.5)	0.0	(25.7)	7/11/19 13:15	21.8	0.8	4.3	24.4
7/11/19 0:30	(61.8)	(53.2)	(0.1)	(115.1)	7/11/19 13:30	15.5	4.0	23.4	42.2
7/11/19 0:45	(50.7)	59.6	0.0	32.9	7/11/19 13:45	32.4	2.4	(10.9)	23.5
7/11/19 1:00	(10.6)	29.8	(0.0)	22.8	7/11/19 14:00	37.4	4.8	22.2	64.3
7/11/19 1:15	(16.0)	(5.4)	0.0	(17.8)	7/11/19 14:15	62.2	4.7	14.7	80.2
7/11/19 1:30	(31.9)	(9.3)	(0.0)	(40.8)	7/11/19 14:30	42.3	(2.3)	(14.2)	27.2
7/11/19 1:45	(18.1)	55.4	(0.0)	41.9	7/11/19 14:45	34.4	1.6	(1.2)	34.9
7/11/19 2:00	(15.4)	20.9	0.0	8.5	7/11/19 15:00	(31.5)	5.6	(5.2)	(31.0)
7/11/19 2:15	(35.0)	75.9	(0.0)	43.0	7/11/19 15:15	60.3	(2.6)	(12.4)	47.2
7/11/19 2:30	(13.2)	3.5	0.0	(13.7)	7/11/19 15:30	27.0	(5.0)	(18.8)	5.6
7/11/19 2:45	11.8	11.9	0.0	19.8	7/11/19 15:45	(15.1)	6.7	8.0	5.0
7/11/19 3:00	9.6	(29.3)	0.0	(23.8)	7/11/19 16:00	10.3	3.0	65.8	76.1
7/11/19 3:15	1.4	3.9	(0.0)	4.5	7/11/19 16:15	19.3	(1.9)	19.2	36.2
7/11/19 3:30	(22.2)	25.9	(0.0)	14.8	7/11/19 16:30	(18.7)	(1.5)	10.8	(9.5)
7/11/19 3:45	10.2	16.9	0.0	23.4	7/11/19 16:45	(38.8)	(3.7)	5.4	(37.1)
7/11/19 4:00	7.0	(22.4)	0.0	(19.8)	7/11/19 17:00	19.8	(24.5)	(2.0)	(21.0)
7/11/19 4:15	7.7	(11.5)	(0.0)	(19.2)	7/11/19 17:15	(12.0)	(34.4)	4.5	(40.4)
7/11/19 4:30	19.0	(15.8)	(0.0)	11.3	7/11/19 17:30	(48.4)	(34.4)	(2.0)	(84.7)
7/11/19 4:45	14.4	(13.6)	(0.0)	(7.5)	7/11/19 17:45	12.8	(31.7)	4.2	(25.0)
7/11/19 5:00	14.0	(24.8)	0.0	(26.1)	7/11/19 18:00	17.2	(31.1)	(5.9)	(20.4)
7/11/19 5:15	43.2	(10.2)	0.0	33.0	7/11/19 18:15	31.8	(33.9)	(20.7)	(22.9)
7/11/19 5:30	8.6	(16.0)	(0.0)	(16.0)	7/11/19 18:30	(37.2)	(20.6)	(10.8)	(68.6)
7/11/19 5:45	(15.3)	28.2	(0.0)	15.3	7/11/19 18:45	(14.9)	(41.3)	(27.1)	(77.7)
7/11/19 6:00	16.7	9.5	(0.7)	25.3	7/11/19 19:00	(33.8)	(52.3)	21.8	(64.3)

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	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/11/19 19:15	(36.9)	(54.2)	15.8	(75.3)	7/12/19 8:15	39.4	21.7	(4.9)	56.2
7/11/19 19:30	(22.0)	(101.4)	11.3	(106.5)	7/12/19 8:30	(30.8)	29.9	(3.7)	14.9
7/11/19 19:45	(16.5)	(133.6)	15.6	(134.5)	7/12/19 8:45	76.4	24.7	(1.7)	99.3
7/11/19 20:00	(28.2)	(70.6)	10.8	(88.0)	7/12/19 9:00	30.8	21.5	(1.1)	51.1
7/11/19 20:15	7.5	(29.0)	2.3	(29.6)	7/12/19 9:15	56.2	9.1	(0.9)	64.4
7/11/19 20:30	6.6	(11.9)	0.3	(11.1)	7/12/19 9:30	47.6	16.7	(1.2)	63.1
7/11/19 20:45	(12.5)	(12.1)	(0.0)	(19.0)	7/12/19 9:45	(14.7)	12.1	(1.2)	(5.9)
7/11/19 21:00	(55.5)	9.8	0.0	(45.6)	7/12/19 10:00	61.8	11.8	1.2	74.8
7/11/19 21:15	(19.5)	40.4	0.0	27.4	7/12/19 10:15	39.0	(4.7)	0.4	34.6
7/11/19 21:30	(36.8)	74.3	0.0	37.5	7/12/19 10:30	48.1	(3.3)	(0.0)	44.8
7/11/19 21:45	(73.6)	107.5	0.0	35.8	7/12/19 10:45	14.4	4.8	0.1	18.2
7/11/19 22:00	(66.5)	55.7	0.0	(17.0)	7/12/19 11:00	67.4	(13.9)	(0.5)	53.0
7/11/19 22:15	(34.8)	(4.2)	0.1	(37.9)	7/12/19 11:15	55.6	7.1	(1.0)	60.7
7/11/19 22:30	(84.6)	(14.7)	0.0	(98.6)	7/12/19 11:30	(2.1)	8.8	1.0	11.2
7/11/19 22:45	(85.4)	(74.7)	0.0	(160.1)	7/12/19 11:45	23.5	(1.1)	2.0	25.5
7/11/19 23:00	(81.0)	(68.0)	(0.0)	(149.0)	7/12/19 12:00	62.0	(2.9)	1.0	61.3
7/11/19 23:15	(76.0)	(89.0)	(0.0)	(165.0)	7/12/19 12:15	46.5	(9.2)	(3.4)	34.9
7/11/19 23:30	(90.2)	(52.6)	0.0	(142.8)	7/12/19 12:30	(4.0)	(7.4)	(1.7)	(11.8)
7/11/19 23:45	(31.0)	(34.6)	0.0	(65.5)	7/12/19 12:45	20.9	(12.3)	2.8	12.1
7/12/19 0:00	(29.3)	(56.1)	(0.0)	(82.1)	7/12/19 13:00	45.8	(14.4)	(1.9)	29.5
7/12/19 0:15	(64.0)	(57.6)	(0.0)	(116.4)	7/12/19 13:15	26.7	(16.3)	11.0	21.8
7/12/19 0:30	36.0	(27.7)	(0.0)	24.1	7/12/19 13:30	40.4	(51.1)	3.8	(7.3)
7/12/19 0:45	(18.5)	33.2	0.0	18.3	7/12/19 13:45	33.8	17.3	3.6	48.6
7/12/19 1:00	(27.8)	(4.6)	0.0	(29.0)	7/12/19 14:00	(16.8)	26.7	1.1	21.4
7/12/19 1:15	(53.1)	5.8	(0.0)	(50.6)	7/12/19 14:15	19.1	37.4	(0.6)	52.1
7/12/19 1:30	(21.7)	16.7	0.0	(9.1)	7/12/19 14:30	24.6	20.8	2.5	47.2
7/12/19 1:45	(16.1)	2.5	(0.0)	(14.0)	7/12/19 14:45	21.8	(5.7)	1.2	21.8
7/12/19 2:00	(55.1)	10.5	0.0	(46.7)	7/12/19 15:00	(18.3)	(28.1)	3.6	(38.3)
7/12/19 2:15	11.2	(10.8)	(0.0)	(8.1)	7/12/19 15:15	21.3	(57.7)	9.8	(38.5)
7/12/19 2:30	(21.0)	28.9	0.0	14.7	7/12/19 15:30	(6.0)	(42.7)	4.1	(39.6)
7/12/19 2:45	(28.0)	29.4	0.0	19.5	7/12/19 15:45	(43.0)	(47.3)	11.6	(78.7)
7/12/19 3:00	(18.7)	(112.0)	0.0	(120.8)	7/12/19 16:00	(40.5)	18.3	4.6	(26.4)
7/12/19 3:15	(30.2)	70.2	0.0	46.7	7/12/19 16:15	(9.1)	(19.7)	6.1	(22.4)
7/12/19 3:30	(13.2)	40.6	(0.0)	27.5	7/12/19 16:30	(10.0)	(6.9)	(3.4)	(17.5)
7/12/19 3:45	(11.0)	14.1	0.0	3.2	7/12/19 16:45	(25.7)	(26.9)	3.3	(48.5)
7/12/19 4:00	(1.8)	20.4	(0.0)	20.3	7/12/19 17:00	28.1	28.6	3.5	55.6
7/12/19 4:15	12.4	24.0	0.0	32.1	7/12/19 17:15	48.0	(21.9)	10.1	34.8
7/12/19 4:30	41.8	(72.7)	0.0	(30.9)	7/12/19 17:30	8.0	55.0	12.2	70.2
7/12/19 4:45	(13.2)	67.0	0.0	57.2	7/12/19 17:45	(11.4)	45.7	12.2	56.9
7/12/19 5:00	37.3	117.4	(0.0)	154.7	7/12/19 18:00	(24.3)	(23.8)	7.5	(42.5)
7/12/19 5:15	22.4	136.0	(0.0)	158.4	7/12/19 18:15	(45.1)	(72.9)	6.8	(111.2)
7/12/19 5:30	(20.8)	98.5	0.0	79.7	7/12/19 18:30	(68.2)	(116.9)	7.2	(177.9)
7/12/19 5:45	7.5	52.1	(0.0)	53.2	7/12/19 18:45	(19.2)	(95.6)	2.9	(111.8)
7/12/19 6:00	(11.7)	33.9	(0.2)	31.4	7/12/19 19:00	(65.1)	38.1	1.9	(25.1)
7/12/19 6:15	38.1	22.9	(3.7)	54.9	7/12/19 19:15	(74.4)	9.0	2.2	(65.9)
7/12/19 6:30	12.1	44.6	(11.2)	35.0	7/12/19 19:30	(15.5)	4.7	1.4	(11.7)
7/12/19 6:45	45.1	41.5	(22.2)	64.5	7/12/19 19:45	(45.1)	33.1	2.0	(13.6)
7/12/19 7:00	57.2	(5.2)	(19.8)	34.2	7/12/19 20:00	(74.7)	97.6	2.7	28.2
7/12/19 7:15	49.1	6.0	(19.6)	39.3	7/12/19 20:15	(23.6)	109.4	1.9	87.6
7/12/19 7:30	42.0	(8.9)	(17.7)	18.6	7/12/19 20:30	12.4	12.7	0.4	6.2
7/12/19 7:45	34.2	(55.0)	(15.2)	(38.5)	7/12/19 20:45	16.9	11.8	0.0	21.0
7/12/19 8:00	56.3	21.1	(9.6)	59.6	7/12/19 21:00	(18.1)	41.3	(0.0)	28.5

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/12/19 21:15	(49.6)	23.0	(0.0)	(26.6)	7/13/19 10:15	38.4	(62.7)	(0.5)	(24.9)
7/12/19 21:30	(23.0)	16.1	(0.0)	(9.5)	7/13/19 10:30	7.9	(37.1)	(0.4)	(31.0)
7/12/19 21:45	(40.7)	29.3	(0.0)	(16.7)	7/13/19 10:45	77.5	16.9	(0.2)	81.2
7/12/19 22:00	(74.8)	(2.6)	(0.0)	(77.4)	7/13/19 11:00	52.7	15.3	(0.3)	65.2
7/12/19 22:15	(39.5)	(3.7)	0.0	(43.0)	7/13/19 11:15	37.9	12.2	0.4	48.7
7/12/19 22:30	(49.7)	(19.4)	(0.0)	(69.1)	7/13/19 11:30	(33.0)	29.1	0.6	(15.0)
7/12/19 22:45	(79.2)	(35.9)	0.0	(115.1)	7/13/19 11:45	82.2	28.1	19.2	129.5
7/12/19 23:00	(42.6)	(74.4)	0.0	(117.0)	7/13/19 12:00	42.8	21.8	(9.2)	55.8
7/12/19 23:15	(57.6)	(58.0)	(0.0)	(115.7)	7/13/19 12:15	6.3	21.9	13.0	39.4
7/12/19 23:30	(53.6)	(36.7)	0.0	(90.3)	7/13/19 12:30	71.8	20.9	(4.5)	92.7
7/12/19 23:45	(47.4)	(112.8)	(0.0)	(160.1)	7/13/19 12:45	49.1	16.4	8.6	74.1
7/13/19 0:00	(28.4)	(81.3)	(0.0)	(109.7)	7/13/19 13:00	20.7	11.4	2.4	32.3
7/13/19 0:15	(20.1)	(65.1)	(0.0)	(84.5)	7/13/19 13:15	(8.5)	14.4	5.2	18.1
7/13/19 0:30	(20.4)	(17.9)	(0.0)	(38.0)	7/13/19 13:30	38.0	16.5	(15.3)	39.2
7/13/19 0:45	(35.4)	(21.5)	0.0	(56.9)	7/13/19 13:45	25.1	19.9	(15.8)	29.2
7/13/19 1:00	(41.7)	5.9	(0.0)	(37.2)	7/13/19 14:00	30.8	13.8	5.7	49.6
7/13/19 1:15	10.1	(24.6)	0.0	(22.0)	7/13/19 14:15	31.4	5.1	25.1	56.6
7/13/19 1:30	(13.3)	17.9	(0.0)	7.9	7/13/19 14:30	30.1	(37.2)	24.3	17.9
7/13/19 1:45	(50.0)	(2.9)	(0.0)	(51.0)	7/13/19 14:45	32.8	(36.3)	9.4	5.9
7/13/19 2:00	10.9	17.6	(0.0)	27.3	7/13/19 15:00	18.2	(29.8)	3.3	(10.7)
7/13/19 2:15	7.1	5.1	(0.0)	12.2	7/13/19 15:15	9.6	(30.3)	(25.5)	(46.1)
7/13/19 2:30	(32.2)	25.5	0.0	(10.3)	7/13/19 15:30	22.5	(11.3)	9.3	19.2
7/13/19 2:45	(8.2)	39.9	0.0	38.3	7/13/19 15:45	35.1	(21.7)	13.7	27.1
7/13/19 3:00	(15.3)	25.2	0.1	10.6	7/13/19 16:00	(7.4)	(53.8)	(3.7)	(59.2)
7/13/19 3:15	(67.7)	4.6	0.0	(63.1)	7/13/19 16:15	11.3	(40.9)	7.5	(23.1)
7/13/19 3:30	(25.0)	(4.5)	0.0	(26.4)	7/13/19 16:30	(26.9)	(16.1)	7.3	(36.1)
7/13/19 3:45	24.7	(8.1)	(0.0)	18.6	7/13/19 16:45	(17.3)	(28.8)	2.1	(37.4)
7/13/19 4:00	16.1	(2.9)	(0.0)	17.6	7/13/19 17:00	14.7	(18.2)	(12.0)	(24.0)
7/13/19 4:15	(20.2)	38.0	0.0	23.9	7/13/19 17:15	(17.8)	(22.4)	4.3	(35.5)
7/13/19 4:30	(7.1)	48.1	(0.0)	40.9	7/13/19 17:30	(25.4)	(14.7)	12.5	(23.3)
7/13/19 4:45	(2.5)	58.4	0.0	57.9	7/13/19 17:45	(27.9)	(21.9)	18.1	(31.1)
7/13/19 5:00	(25.4)	38.4	0.0	15.7	7/13/19 18:00	(19.6)	(39.0)	(5.7)	(57.5)
7/13/19 5:15	22.7	42.4	(0.0)	63.4	7/13/19 18:15	(28.3)	(30.8)	(9.8)	(64.2)
7/13/19 5:30	(3.3)	43.2	(0.0)	40.7	7/13/19 18:30	(72.9)	(8.7)	(14.8)	(95.8)
7/13/19 5:45	(42.1)	30.5	0.0	(17.6)	7/13/19 18:45	(50.8)	7.1	15.8	(27.9)
7/13/19 6:00	23.5	18.9	(0.5)	35.7	7/13/19 19:00	(15.6)	(12.8)	(6.3)	(33.0)
7/13/19 6:15	21.5	14.3	(5.6)	30.2	7/13/19 19:15	(35.2)	(83.8)	12.5	(106.5)
7/13/19 6:30	(22.1)	2.6	(11.5)	(28.1)	7/13/19 19:30	(47.1)	(57.1)	11.2	(93.0)
7/13/19 6:45	25.6	(6.1)	(18.3)	(6.9)	7/13/19 19:45	(54.6)	(6.7)	10.7	(44.0)
7/13/19 7:00	50.5	(5.1)	(19.2)	26.3	7/13/19 20:00	9.0	77.6	3.0	81.8
7/13/19 7:15	47.7	19.3	(18.3)	48.8	7/13/19 20:15	(22.4)	100.3	1.6	79.4
7/13/19 7:30	(10.1)	32.8	(16.7)	15.5	7/13/19 20:30	(9.3)	(24.7)	0.2	(33.9)
7/13/19 7:45	47.2	35.7	(15.4)	64.8	7/13/19 20:45	(35.7)	20.0	(0.0)	(30.6)
7/13/19 8:00	56.4	23.0	(9.6)	69.8	7/13/19 21:00	8.0	68.8	(0.0)	70.1
7/13/19 8:15	27.5	16.4	(1.3)	40.2	7/13/19 21:15	(35.0)	33.9	0.0	(1.7)
7/13/19 8:30	8.9	(13.0)	2.6	(13.1)	7/13/19 21:30	(69.5)	10.8	0.0	(60.6)
7/13/19 8:45	36.2	(25.7)	(8.0)	2.9	7/13/19 21:45	(16.5)	(11.9)	(0.0)	(15.4)
7/13/19 9:00	45.6	(12.0)	(7.9)	25.6	7/13/19 22:00	(19.5)	(51.1)	(0.0)	(56.2)
7/13/19 9:15	45.5	(46.7)	(0.6)	(9.5)	7/13/19 22:15	(49.7)	(9.6)	(0.0)	(59.3)
7/13/19 9:30	36.3	(64.6)	0.8	(28.5)	7/13/19 22:30	(50.0)	(38.7)	0.0	(88.6)
7/13/19 9:45	19.4	(64.1)	(0.4)	(52.3)	7/13/19 22:45	(15.0)	6.6	0.0	(15.9)
7/13/19 10:00	54.0	(76.7)	(0.6)	(28.8)	7/13/19 23:00	7.2	55.0	(0.0)	56.0

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/13/19 23:15	(85.2)	62.0	(0.0)	(25.9)	7/14/19 12:15	43.1	46.7	5.5	95.3
7/13/19 23:30	(14.3)	47.7	0.0	34.7	7/14/19 12:30	14.0	53.0	(4.6)	62.7
7/13/19 23:45	(49.6)	13.0	(0.0)	(37.4)	7/14/19 12:45	39.2	45.9	3.3	87.0
7/14/19 0:00	(66.1)	(26.3)	(0.0)	(92.5)	7/14/19 13:00	12.9	40.7	11.9	65.6
7/14/19 0:15	(42.7)	(68.5)	(0.0)	(110.3)	7/14/19 13:15	7.5	31.1	26.6	65.3
7/14/19 0:30	(10.7)	(114.1)	(0.0)	(119.0)	7/14/19 13:30	(2.2)	36.0	16.7	50.9
7/14/19 0:45	(23.2)	(70.6)	0.0	(93.8)	7/14/19 13:45	(1.9)	25.8	(21.2)	9.7
7/14/19 1:00	(41.0)	(7.6)	(0.0)	(42.9)	7/14/19 14:00	(20.3)	19.2	18.7	17.6
7/14/19 1:15	(9.2)	42.5	0.0	42.9	7/14/19 14:15	13.6	16.5	(13.4)	33.6
7/14/19 1:30	(18.4)	9.1	0.1	(17.8)	7/14/19 14:30	(16.7)	(3.6)	(6.6)	(20.2)
7/14/19 1:45	(49.8)	24.2	(0.0)	(25.6)	7/14/19 14:45	(2.9)	(11.4)	5.8	(8.8)
7/14/19 2:00	5.0	(35.9)	(0.0)	(34.4)	7/14/19 15:00	(2.8)	(34.0)	16.8	(19.4)
7/14/19 2:15	(14.2)	(30.3)	(0.0)	(32.6)	7/14/19 15:15	(8.1)	(70.1)	12.1	(67.7)
7/14/19 2:30	(11.1)	(17.8)	0.0	(23.8)	7/14/19 15:30	(20.9)	(29.2)	(19.4)	(66.8)
7/14/19 2:45	(21.5)	(12.6)	0.0	(33.2)	7/14/19 15:45	(8.3)	23.6	5.6	25.2
7/14/19 3:00	(23.0)	57.1	(0.0)	40.3	7/14/19 16:00	32.6	(46.5)	15.8	6.1
7/14/19 3:15	16.5	17.2	0.0	30.4	7/14/19 16:15	33.4	(65.7)	18.7	(26.4)
7/14/19 3:30	2.7	(11.4)	0.0	(10.8)	7/14/19 16:30	24.4	(69.0)	(9.9)	(54.3)
7/14/19 3:45	(30.9)	23.0	(0.0)	(9.2)	7/14/19 16:45	45.2	(130.8)	(18.1)	(103.7)
7/14/19 4:00	(25.8)	39.1	0.0	13.7	7/14/19 17:00	23.7	(69.3)	13.5	(34.5)
7/14/19 4:15	(2.5)	9.8	0.0	10.5	7/14/19 17:15	6.8	(85.5)	22.2	(56.6)
7/14/19 4:30	(5.3)	(7.2)	0.0	(12.2)	7/14/19 17:30	16.5	30.6	7.4	46.8
7/14/19 4:45	(5.1)	11.3	(0.0)	7.1	7/14/19 17:45	3.3	55.4	3.9	62.0
7/14/19 5:00	2.8	22.7	0.0	24.5	7/14/19 18:00	(7.9)	(48.2)	6.0	(50.4)
7/14/19 5:15	(3.2)	7.0	(0.0)	5.3	7/14/19 18:15	(22.6)	46.1	2.0	29.8
7/14/19 5:30	(11.2)	9.8	0.0	(2.8)	7/14/19 18:30	(26.4)	151.8	0.2	125.6
7/14/19 5:45	(10.9)	5.9	0.0	(5.0)	7/14/19 18:45	(48.2)	50.1	(0.7)	18.5
7/14/19 6:00	(5.5)	24.2	(0.3)	22.7	7/14/19 19:00	(36.3)	48.8	(0.3)	14.3
7/14/19 6:15	7.8	3.4	(5.6)	3.6	7/14/19 19:15	(22.0)	(31.9)	0.9	(43.4)
7/14/19 6:30	5.3	15.8	(11.9)	8.2	7/14/19 19:30	(17.3)	(153.1)	0.5	(169.6)
7/14/19 6:45	19.1	4.1	(16.0)	6.4	7/14/19 19:45	(19.3)	(26.7)	1.2	(44.9)
7/14/19 7:00	31.5	18.2	(18.0)	31.7	7/14/19 20:00	(17.7)	(70.3)	1.5	(86.5)
7/14/19 7:15	45.6	65.3	(16.7)	94.3	7/14/19 20:15	7.1	(25.1)	0.4	(19.9)
7/14/19 7:30	(33.8)	66.6	(18.0)	14.7	7/14/19 20:30	(4.5)	11.7	0.2	8.3
7/14/19 7:45	33.7	57.7	(13.7)	77.8	7/14/19 20:45	6.6	(75.1)	(0.0)	(68.6)
7/14/19 8:00	31.4	30.0	(9.4)	52.1	7/14/19 21:00	(20.9)	34.4	0.0	16.8
7/14/19 8:15	34.8	7.2	2.6	43.6	7/14/19 21:15	(36.4)	84.9	(0.0)	48.5
7/14/19 8:30	42.3	11.2	(7.8)	45.8	7/14/19 21:30	(41.9)	46.6	0.0	13.8
7/14/19 8:45	48.1	9.6	(8.6)	49.1	7/14/19 21:45	(24.6)	(39.4)	0.0	(63.5)
7/14/19 9:00	42.9	2.9	(1.8)	42.2	7/14/19 22:00	(24.0)	(70.1)	(0.0)	(92.2)
7/14/19 9:15	37.2	(11.9)	(1.1)	24.3	7/14/19 22:15	(74.4)	(43.2)	0.0	(117.6)
7/14/19 9:30	41.8	(31.2)	(1.2)	9.4	7/14/19 22:30	(49.8)	(22.3)	0.0	(72.1)
7/14/19 9:45	40.8	(36.7)	0.1	6.3	7/14/19 22:45	(7.3)	(40.4)	0.0	(47.7)
7/14/19 10:00	50.0	(37.6)	1.5	16.0	7/14/19 23:00	(54.4)	(72.9)	(0.0)	(127.3)
7/14/19 10:15	48.9	(65.2)	1.8	(14.5)	7/14/19 23:15	(51.9)	29.8	0.0	(27.0)
7/14/19 10:30	37.7	(39.3)	6.6	10.2	7/14/19 23:30	(57.1)	48.1	0.1	(9.7)
7/14/19 10:45	58.7	(4.2)	6.4	63.0	7/14/19 23:45	(54.2)	31.3	0.0	(22.9)
7/14/19 11:00	27.5	5.2	(15.9)	16.9	7/15/19 0:00	(45.1)	56.1	(0.0)	12.0
7/14/19 11:15	21.6	12.5	(0.8)	33.6	7/15/19 0:15	(19.3)	61.0	(0.0)	41.8
7/14/19 11:30	40.4	27.7	1.5	69.5	7/15/19 0:30	(31.8)	(19.6)	(0.0)	(51.1)
7/14/19 11:45	39.1	30.7	1.1	70.5	7/15/19 0:45	(26.9)	25.2	(0.0)	(9.5)
7/14/19 12:00	37.2	44.5	2.1	83.0	7/15/19 1:00	(26.3)	7.6	0.0	(21.2)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/15/19 1:15	5.9	8.9	(0.0)	13.1	7/15/19 14:15	18.0	(9.6)	1.3	12.9
7/15/19 1:30	(22.1)	(5.8)	0.0	(26.8)	7/15/19 14:30	(4.6)	(18.1)	(0.9)	(20.7)
7/15/19 1:45	(21.6)	14.0	0.0	(8.3)	7/15/19 14:45	(6.1)	(24.7)	4.0	(26.3)
7/15/19 2:00	(21.2)	23.8	0.0	4.3	7/15/19 15:00	(13.4)	(4.9)	(0.9)	(16.9)
7/15/19 2:15	(21.0)	(14.1)	0.0	(33.6)	7/15/19 15:15	(10.4)	36.3	(1.2)	25.0
7/15/19 2:30	(14.8)	(32.0)	0.0	(46.9)	7/15/19 15:30	(27.3)	25.3	5.7	10.6
7/15/19 2:45	(14.1)	61.3	(0.0)	47.2	7/15/19 15:45	(44.4)	7.4	30.6	(18.1)
7/15/19 3:00	(7.5)	18.5	0.0	11.1	7/15/19 16:00	(16.0)	21.6	10.7	17.9
7/15/19 3:15	(5.6)	32.1	(0.0)	27.3	7/15/19 16:15	(24.2)	(21.6)	(23.5)	(69.4)
7/15/19 3:30	(3.7)	(40.2)	0.0	(43.8)	7/15/19 16:30	(10.5)	44.6	(4.1)	32.2
7/15/19 3:45	(2.2)	47.4	(0.0)	45.8	7/15/19 16:45	20.1	26.1	4.5	48.9
7/15/19 4:00	4.5	70.7	(0.0)	73.8	7/15/19 17:00	12.2	(22.1)	0.6	(17.0)
7/15/19 4:15	16.7	71.6	0.0	88.4	7/15/19 17:15	(25.5)	(68.7)	5.5	(88.9)
7/15/19 4:30	5.0	72.8	(0.0)	77.8	7/15/19 17:30	(29.8)	(87.1)	13.9	(106.8)
7/15/19 4:45	6.5	52.9	0.0	59.4	7/15/19 17:45	(31.4)	(36.6)	25.1	(48.6)
7/15/19 5:00	18.5	56.8	(0.0)	75.3	7/15/19 18:00	(26.2)	(92.5)	31.0	(88.8)
7/15/19 5:15	23.4	35.7	(0.0)	59.1	7/15/19 18:15	(48.8)	(85.1)	23.5	(110.4)
7/15/19 5:30	7.7	18.4	0.0	26.1	7/15/19 18:30	(23.9)	(35.2)	(2.3)	(60.8)
7/15/19 5:45	12.2	6.0	(0.1)	18.1	7/15/19 18:45	(26.2)	(18.6)	4.4	(40.5)
7/15/19 6:00	15.3	8.9	(0.5)	23.7	7/15/19 19:00	(34.8)	(37.0)	7.1	(64.7)
7/15/19 6:15	19.5	10.8	(5.1)	25.2	7/15/19 19:15	(29.4)	37.2	(6.8)	7.6
7/15/19 6:30	30.5	18.7	(12.8)	36.4	7/15/19 19:30	(19.2)	16.8	2.2	(6.1)
7/15/19 6:45	47.6	20.7	(17.2)	51.1	7/15/19 19:45	(23.1)	65.2	5.3	47.3
7/15/19 7:00	(5.9)	27.7	(19.2)	5.4	7/15/19 20:00	(21.9)	90.2	5.7	74.1
7/15/19 7:15	34.1	25.1	(18.5)	40.6	7/15/19 20:15	(5.1)	21.2	3.3	22.4
7/15/19 7:30	44.9	11.5	(17.2)	39.2	7/15/19 20:30	(10.3)	19.8	0.3	(16.5)
7/15/19 7:45	38.9	7.9	(14.3)	32.6	7/15/19 20:45	16.3	55.0	(0.0)	71.2
7/15/19 8:00	35.2	19.0	(9.9)	44.3	7/15/19 21:00	(11.5)	20.3	0.0	12.1
7/15/19 8:15	14.5	7.7	(5.6)	16.7	7/15/19 21:15	(40.8)	(32.8)	(0.0)	(64.0)
7/15/19 8:30	41.1	4.5	(3.6)	42.0	7/15/19 21:30	(57.2)	(70.0)	0.0	(127.2)
7/15/19 8:45	37.9	3.1	(1.8)	39.3	7/15/19 21:45	(33.0)	38.3	0.0	10.1
7/15/19 9:00	41.9	(1.0)	(1.2)	39.8	7/15/19 22:00	(46.1)	48.1	(0.0)	4.9
7/15/19 9:15	57.2	5.2	(1.0)	61.4	7/15/19 22:15	(50.0)	53.7	(0.0)	11.5
7/15/19 9:30	50.2	8.1	(0.7)	57.7	7/15/19 22:30	(63.7)	(9.7)	0.0	(72.6)
7/15/19 9:45	49.3	2.9	(0.2)	52.1	7/15/19 22:45	(50.2)	(37.5)	(0.0)	(87.7)
7/15/19 10:00	43.0	(14.2)	(0.8)	28.2	7/15/19 23:00	(16.2)	(25.8)	0.0	(39.4)
7/15/19 10:15	38.1	(47.8)	(0.2)	(9.9)	7/15/19 23:15	(29.4)	(34.7)	(0.0)	(62.5)
7/15/19 10:30	58.8	(49.2)	(0.3)	9.3	7/15/19 23:30	(51.8)	(20.5)	(0.0)	(72.3)
7/15/19 10:45	43.5	(19.9)	1.9	27.2	7/15/19 23:45	(50.9)	(3.2)	0.0	(51.9)
7/15/19 11:00	45.3	6.2	1.9	49.5	7/16/19 0:00	(40.7)	(17.9)	(0.0)	(58.6)
7/15/19 11:15	27.3	(9.8)	(2.7)	15.4	7/16/19 0:15	(24.8)	(15.6)	(0.0)	(34.3)
7/15/19 11:30	50.2	(2.6)	(1.4)	46.2	7/16/19 0:30	(26.3)	20.0	(0.0)	(7.7)
7/15/19 11:45	57.0	(7.6)	0.6	50.2	7/16/19 0:45	(23.5)	14.7	0.0	(11.5)
7/15/19 12:00	29.2	(16.1)	1.5	14.6	7/16/19 1:00	(23.5)	(10.6)	(0.0)	(25.5)
7/15/19 12:15	12.7	(5.4)	(0.9)	9.3	7/16/19 1:15	(39.2)	(70.8)	0.0	(110.0)
7/15/19 12:30	21.6	(15.7)	(0.9)	8.4	7/16/19 1:30	(25.0)	(83.9)	(0.0)	(108.9)
7/15/19 12:45	33.2	(12.2)	0.7	21.3	7/16/19 1:45	8.2	(74.4)	(0.0)	(66.2)
7/15/19 13:00	25.6	(6.3)	1.9	20.7	7/16/19 2:00	(6.6)	38.7	0.0	34.5
7/15/19 13:15	6.7	(3.1)	5.2	8.3	7/16/19 2:15	6.8	16.9	(0.0)	21.0
7/15/19 13:30	20.2	(14.8)	(7.3)	(6.6)	7/16/19 2:30	(13.1)	(26.5)	0.0	(39.5)
7/15/19 13:45	19.0	4.8	(2.2)	19.2	7/16/19 2:45	(13.0)	(19.1)	0.0	(32.1)
7/15/19 14:00	25.3	20.2	(1.3)	44.2	7/16/19 3:00	(8.8)	(5.8)	0.0	(14.1)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/16/19 3:15	5.9	24.7	(0.0)	29.9	7/16/19 16:15	27.3	(16.0)	(25.1)	(28.5)
7/16/19 3:30	(4.3)	17.8	0.0	13.7	7/16/19 16:30	11.2	(9.0)	(8.6)	(8.6)
7/16/19 3:45	(4.8)	2.7	(0.0)	(2.1)	7/16/19 16:45	(10.3)	(8.6)	29.2	23.8
7/16/19 4:00	(3.6)	19.6	0.0	18.1	7/16/19 17:00	(10.4)	60.5	4.5	57.1
7/16/19 4:15	6.9	35.4	(0.0)	42.1	7/16/19 17:15	13.4	63.3	(15.5)	61.3
7/16/19 4:30	4.7	8.3	(0.0)	13.0	7/16/19 17:30	(8.6)	82.0	(12.8)	72.1
7/16/19 4:45	8.4	29.9	0.0	38.3	7/16/19 17:45	17.4	23.7	31.8	62.3
7/16/19 5:00	38.7	(7.6)	(0.0)	36.6	7/16/19 18:00	14.0	(21.8)	8.7	(27.5)
7/16/19 5:15	20.7	(45.3)	(0.0)	(45.2)	7/16/19 18:15	(30.7)	(30.8)	(14.9)	(74.6)
7/16/19 5:30	11.5	(46.8)	(0.0)	(47.0)	7/16/19 18:30	(27.1)	(61.9)	(10.1)	(91.4)
7/16/19 5:45	41.4	(30.0)	0.0	15.2	7/16/19 18:45	21.9	(36.9)	8.1	(13.8)
7/16/19 6:00	(10.6)	(29.5)	(0.3)	(37.8)	7/16/19 19:00	(19.9)	(82.7)	14.7	(87.9)
7/16/19 6:15	31.6	(4.4)	(4.3)	30.8	7/16/19 19:15	(49.4)	(90.2)	8.4	(131.1)
7/16/19 6:30	43.1	(3.5)	(13.9)	29.3	7/16/19 19:30	(9.5)	(42.4)	7.2	(36.4)
7/16/19 6:45	48.8	(7.5)	(17.4)	31.2	7/16/19 19:45	(28.1)	(79.2)	6.8	(100.5)
7/16/19 7:00	27.9	44.5	(19.4)	51.6	7/16/19 20:00	(50.2)	(119.8)	6.9	(163.1)
7/16/19 7:15	(31.8)	64.3	(19.7)	16.3	7/16/19 20:15	(16.1)	(53.2)	2.5	(58.9)
7/16/19 7:30	57.3	88.2	(16.8)	128.7	7/16/19 20:30	(31.4)	(53.7)	1.2	(83.8)
7/16/19 7:45	44.4	87.1	(14.9)	116.6	7/16/19 20:45	(18.2)	(57.0)	0.0	(74.0)
7/16/19 8:00	38.6	46.5	(10.2)	74.9	7/16/19 21:00	(29.3)	36.0	0.0	11.8
7/16/19 8:15	12.1	24.2	(6.3)	30.0	7/16/19 21:15	(41.2)	35.0	(0.0)	(11.7)
7/16/19 8:30	57.8	26.5	(3.6)	80.6	7/16/19 21:30	(56.9)	15.3	(0.0)	(41.6)
7/16/19 8:45	41.9	45.5	(2.1)	85.3	7/16/19 21:45	(53.8)	(7.7)	0.0	(56.7)
7/16/19 9:00	23.1	24.6	(1.4)	43.9	7/16/19 22:00	(60.6)	(63.8)	(0.0)	(124.4)
7/16/19 9:15	(23.6)	11.9	(1.0)	(15.2)	7/16/19 22:15	(76.2)	(45.7)	0.0	(121.9)
7/16/19 9:30	28.6	6.5	(0.9)	34.2	7/16/19 22:30	(87.7)	(53.7)	(0.0)	(141.4)
7/16/19 9:45	27.2	6.5	(0.6)	33.0	7/16/19 22:45	(55.3)	23.9	(0.0)	(35.5)
7/16/19 10:00	25.8	(12.8)	(0.3)	12.7	7/16/19 23:00	(72.1)	(54.5)	0.0	(126.6)
7/16/19 10:15	22.9	(12.5)	(0.4)	10.1	7/16/19 23:15	(77.2)	(25.5)	(0.0)	(98.1)
7/16/19 10:30	48.9	(7.2)	(0.5)	41.9	7/16/19 23:30	(26.2)	36.0	0.0	12.5
7/16/19 10:45	45.0	12.1	(0.2)	56.9	7/16/19 23:45	(52.3)	(10.4)	0.0	(57.9)
7/16/19 11:00	25.4	3.9	1.4	30.2	7/17/19 0:00	(19.3)	(4.7)	(0.0)	(22.9)
7/16/19 11:15	69.1	(4.2)	7.2	72.0	7/17/19 0:15	(5.1)	(35.5)	(0.0)	(38.7)
7/16/19 11:30	44.4	(7.9)	0.9	37.3	7/17/19 0:30	(25.1)	(33.1)	(0.0)	(58.2)
7/16/19 11:45	23.4	(5.9)	4.1	22.1	7/17/19 0:45	(45.4)	(7.3)	(0.0)	(52.1)
7/16/19 12:00	14.3	(5.5)	(5.0)	9.5	7/17/19 1:00	(16.5)	14.1	(0.0)	(11.3)
7/16/19 12:15	64.0	(7.5)	(3.1)	54.8	7/17/19 1:15	(17.8)	5.6	0.0	(12.2)
7/16/19 12:30	33.5	(13.4)	(3.8)	18.2	7/17/19 1:30	(28.2)	32.7	(0.0)	9.8
7/16/19 12:45	34.4	3.7	(3.1)	32.3	7/17/19 1:45	(22.6)	11.3	0.0	(11.7)
7/16/19 13:00	41.3	4.4	3.1	47.7	7/17/19 2:00	(26.5)	(18.6)	(0.0)	(45.0)
7/16/19 13:15	9.7	5.8	5.3	15.6	7/17/19 2:15	(26.1)	44.7	0.0	18.9
7/16/19 13:30	32.3	(5.4)	(5.7)	23.0	7/17/19 2:30	(61.0)	46.3	(0.0)	(15.5)
7/16/19 13:45	71.6	(11.9)	3.7	62.9	7/17/19 2:45	(11.6)	51.5	0.0	40.0
7/16/19 14:00	30.6	(4.3)	15.7	42.9	7/17/19 3:00	(6.2)	18.0	0.0	14.9
7/16/19 14:15	49.4	(13.0)	20.1	56.9	7/17/19 3:15	(5.7)	18.6	0.0	14.5
7/16/19 14:30	45.6	(7.9)	(12.8)	28.5	7/17/19 3:30	(17.8)	16.3	0.0	(5.2)
7/16/19 14:45	9.4	(10.6)	(11.9)	(17.4)	7/17/19 3:45	(3.3)	(20.1)	(0.0)	(20.7)
7/16/19 15:00	(33.8)	(18.8)	27.3	(25.0)	7/17/19 4:00	38.0	(32.5)	0.0	29.2
7/16/19 15:15	23.8	(57.3)	12.2	(34.0)	7/17/19 4:15	14.4	66.8	(0.0)	81.2
7/16/19 15:30	40.8	(48.2)	16.5	22.5	7/17/19 4:30	6.9	71.7	0.0	73.0
7/16/19 15:45	20.7	(32.4)	14.2	22.2	7/17/19 4:45	(11.8)	50.8	0.0	46.6
7/16/19 16:00	46.2	(23.1)	10.9	50.5	7/17/19 5:00	21.8	10.7	(0.0)	31.6

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/17/19 5:15	34.3	(46.1)	(0.0)	(20.5)	7/17/19 18:15	(45.2)	(18.9)	11.7	(45.7)
7/17/19 5:30	7.3	(64.2)	0.0	(63.3)	7/17/19 18:30	(12.1)	48.4	15.6	54.8
7/17/19 5:45	38.3	(11.2)	(0.0)	34.2	7/17/19 18:45	(16.7)	111.6	5.3	101.2
7/17/19 6:00	26.9	(6.9)	0.0	24.4	7/17/19 19:00	(59.9)	59.3	9.6	29.6
7/17/19 6:15	10.0	(8.1)	(2.9)	(4.8)	7/17/19 19:15	(84.1)	(36.7)	11.9	(108.8)
7/17/19 6:30	15.6	32.4	(5.4)	40.0	7/17/19 19:30	(18.5)	(50.4)	6.6	(58.6)
7/17/19 6:45	48.5	(13.4)	(12.7)	25.9	7/17/19 19:45	(15.2)	(39.2)	4.4	(45.8)
7/17/19 7:00	32.4	(26.8)	(25.3)	(20.4)	7/17/19 20:00	(49.8)	4.6	5.0	(40.5)
7/17/19 7:15	(8.3)	(65.7)	(16.5)	(88.5)	7/17/19 20:15	(16.2)	29.7	1.4	30.8
7/17/19 7:30	52.8	(14.0)	(23.4)	33.2	7/17/19 20:30	(45.4)	64.0	0.0	22.6
7/17/19 7:45	53.0	48.7	(4.1)	98.1	7/17/19 20:45	50.5	39.2	0.0	89.7
7/17/19 8:00	14.3	(39.3)	7.7	(20.9)	7/17/19 21:00	(53.9)	31.2	0.0	(38.0)
7/17/19 8:15	49.6	(21.2)	(17.5)	13.7	7/17/19 21:15	(77.2)	34.4	0.0	(44.2)
7/17/19 8:30	50.6	(20.3)	(23.6)	11.1	7/17/19 21:30	(88.9)	36.8	(0.0)	(52.1)
7/17/19 8:45	41.7	(41.6)	(2.9)	(9.8)	7/17/19 21:45	(47.8)	20.2	0.0	(27.6)
7/17/19 9:00	16.4	(7.6)	(1.8)	14.3	7/17/19 22:00	(63.0)	21.6	0.0	(41.4)
7/17/19 9:15	58.0	29.5	(2.3)	85.2	7/17/19 22:15	(90.5)	(4.1)	0.1	(90.6)
7/17/19 9:30	70.5	27.5	(2.5)	95.6	7/17/19 22:30	(68.5)	(31.9)	0.1	(100.3)
7/17/19 9:45	43.1	36.8	3.3	82.8	7/17/19 22:45	(72.2)	(43.8)	0.0	(116.0)
7/17/19 10:00	37.6	55.9	(4.5)	89.0	7/17/19 23:00	(77.6)	(38.3)	0.0	(115.9)
7/17/19 10:15	68.4	106.5	1.0	175.3	7/17/19 23:15	(37.1)	(53.1)	0.0	(90.2)
7/17/19 10:30	44.9	63.4	9.8	118.1	7/17/19 23:30	(52.2)	(111.5)	0.0	(163.7)
7/17/19 10:45	7.6	77.6	2.5	86.6	7/17/19 23:45	(73.6)	(71.5)	(0.0)	(145.1)
7/17/19 11:00	53.3	74.6	(12.0)	115.9	7/18/19 0:00	(12.7)	(19.3)	(0.0)	(22.9)
7/17/19 11:15	33.3	43.8	5.0	81.0	7/18/19 0:15	(38.0)	(23.4)	(0.0)	(61.4)
7/17/19 11:30	12.7	27.1	7.4	45.2	7/18/19 0:30	(30.6)	6.9	(0.0)	(26.8)
7/17/19 11:45	52.4	8.5	2.6	57.9	7/18/19 0:45	(75.7)	(7.8)	(0.0)	(82.4)
7/17/19 12:00	52.8	(3.9)	(3.9)	47.1	7/18/19 1:00	(24.5)	(18.2)	0.0	(42.7)
7/17/19 12:15	29.8	49.6	(3.7)	61.4	7/18/19 1:15	14.0	(7.5)	0.0	9.4
7/17/19 12:30	(26.9)	68.5	(1.7)	55.8	7/18/19 1:30	(17.1)	10.3	(0.0)	(11.7)
7/17/19 12:45	40.0	35.6	27.2	102.8	7/18/19 1:45	(32.9)	(3.8)	(0.0)	(35.2)
7/17/19 13:00	26.0	16.2	11.6	53.5	7/18/19 2:00	(50.9)	(3.5)	0.0	(53.0)
7/17/19 13:15	35.8	43.3	7.9	86.3	7/18/19 2:15	14.2	(23.5)	(0.0)	(12.7)
7/17/19 13:30	27.4	34.4	(8.5)	53.3	7/18/19 2:30	(14.5)	20.2	0.0	7.4
7/17/19 13:45	(7.6)	7.7	3.5	5.1	7/18/19 2:45	(46.7)	35.2	0.0	(13.9)
7/17/19 14:00	12.4	14.6	(1.2)	22.6	7/18/19 3:00	(30.0)	22.4	0.0	(8.3)
7/17/19 14:15	18.1	(22.0)	(6.1)	(21.6)	7/18/19 3:15	23.2	8.5	(0.0)	31.7
7/17/19 14:30	16.4	(15.7)	(16.1)	(10.2)	7/18/19 3:30	(19.5)	(11.1)	(0.0)	(30.4)
7/17/19 14:45	(19.6)	18.5	(23.6)	(24.7)	7/18/19 3:45	(9.5)	24.6	(0.0)	21.8
7/17/19 15:00	54.1	(5.8)	13.3	61.5	7/18/19 4:00	(37.2)	32.8	0.0	9.2
7/17/19 15:15	61.2	(24.8)	(7.1)	37.6	7/18/19 4:15	38.1	14.7	0.0	52.7
7/17/19 15:30	(16.8)	(78.3)	2.9	(88.2)	7/18/19 4:30	12.3	6.6	(0.0)	18.9
7/17/19 15:45	(42.0)	(41.3)	24.7	(59.6)	7/18/19 4:45	(23.0)	11.0	0.0	(13.6)
7/17/19 16:00	12.5	(60.2)	21.1	(30.2)	7/18/19 5:00	46.3	(35.4)	(0.0)	14.9
7/17/19 16:15	33.6	(98.2)	31.5	(33.2)	7/18/19 5:15	41.9	(48.2)	(0.0)	(10.2)
7/17/19 16:30	15.4	(135.0)	27.9	(94.3)	7/18/19 5:30	18.6	(13.8)	(0.0)	6.3
7/17/19 16:45	28.4	24.6	(41.7)	(22.5)	7/18/19 5:45	(30.9)	(38.2)	(0.0)	(68.5)
7/17/19 17:00	(9.6)	57.2	(6.3)	45.4	7/18/19 6:00	53.0	(31.7)	(0.5)	23.3
7/17/19 17:15	(39.2)	48.5	(49.8)	(41.3)	7/18/19 6:15	32.5	6.4	(4.3)	34.6
7/17/19 17:30	20.9	26.9	5.0	38.9	7/18/19 6:30	(8.1)	(4.3)	(10.0)	(19.8)
7/17/19 17:45	29.5	(66.1)	11.9	(25.0)	7/18/19 6:45	14.6	(8.9)	(14.8)	(12.5)
7/17/19 18:00	(9.6)	(77.0)	29.1	(53.1)	7/18/19 7:00	33.1	20.1	(18.0)	35.2

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/18/19 7:15	38.8	71.8	(18.9)	91.8	7/18/19 20:15	7.0	(32.0)	1.5	(29.1)
7/18/19 7:30	35.3	80.0	(18.2)	97.0	7/18/19 20:30	19.3	(29.3)	0.0	(12.9)
7/18/19 7:45	33.3	62.6	(17.2)	78.7	7/18/19 20:45	(46.9)	(53.4)	(0.0)	(100.4)
7/18/19 8:00	43.6	65.5	(11.2)	97.9	7/18/19 21:00	(18.6)	(72.0)	(0.0)	(90.6)
7/18/19 8:15	36.3	54.6	(5.5)	85.5	7/18/19 21:15	(41.7)	(76.5)	0.0	(118.1)
7/18/19 8:30	41.5	57.9	(3.7)	95.6	7/18/19 21:30	(85.0)	(43.5)	(0.0)	(128.5)
7/18/19 8:45	33.2	54.8	(2.9)	85.1	7/18/19 21:45	(48.1)	(24.8)	0.0	(72.9)
7/18/19 9:00	20.8	38.0	(3.0)	55.9	7/18/19 22:00	(78.2)	22.4	(0.0)	(66.3)
7/18/19 9:15	14.5	23.2	(2.0)	34.9	7/18/19 22:15	(122.2)	119.7	0.0	(2.9)
7/18/19 9:30	(11.5)	3.8	(0.7)	(9.6)	7/18/19 22:30	(110.0)	5.8	(0.0)	(105.1)
7/18/19 9:45	45.8	12.1	(0.5)	57.4	7/18/19 22:45	(52.1)	44.9	0.0	(30.7)
7/18/19 10:00	44.9	18.0	(0.1)	62.9	7/18/19 23:00	(58.5)	(38.8)	(0.0)	(87.3)
7/18/19 10:15	51.1	9.8	(0.1)	60.9	7/18/19 23:15	(60.8)	(200.9)	0.0	(261.7)
7/18/19 10:30	36.1	(2.0)	(0.1)	35.5	7/18/19 23:30	(100.9)	32.5	0.0	(91.1)
7/18/19 10:45	44.0	10.9	0.5	55.4	7/18/19 23:45	(66.5)	116.3	0.0	49.8
7/18/19 11:00	40.7	7.1	(0.2)	47.7	7/19/19 0:00	(67.2)	93.9	(0.0)	26.6
7/18/19 11:15	38.5	5.8	(0.6)	43.7	7/19/19 0:15	(39.0)	54.5	(0.0)	15.5
7/18/19 11:30	49.6	1.6	(0.3)	49.8	7/19/19 0:30	(20.4)	31.9	(0.0)	14.3
7/18/19 11:45	44.9	(3.8)	(0.4)	41.9	7/19/19 0:45	(46.4)	56.5	(0.0)	10.7
7/18/19 12:00	43.9	4.0	0.3	46.2	7/19/19 1:00	(71.3)	32.7	0.0	(39.4)
7/18/19 12:15	34.7	4.2	0.3	38.9	7/19/19 1:15	(16.0)	22.9	(0.0)	14.3
7/18/19 12:30	17.5	5.1	0.7	23.0	7/19/19 1:30	(24.5)	31.1	0.0	6.9
7/18/19 12:45	26.1	8.4	0.3	34.5	7/19/19 1:45	(48.9)	30.6	(0.0)	(21.6)
7/18/19 13:00	59.1	4.0	0.7	63.0	7/19/19 2:00	(19.5)	23.7	(0.0)	11.9
7/18/19 13:15	70.5	2.2	1.6	74.1	7/19/19 2:15	(37.3)	10.4	(0.0)	(26.9)
7/18/19 13:30	17.3	(14.3)	(0.3)	5.2	7/19/19 2:30	(40.4)	2.0	0.0	(38.4)
7/18/19 13:45	3.0	(8.5)	0.4	(5.6)	7/19/19 2:45	(15.5)	(12.3)	0.0	(24.8)
7/18/19 14:00	35.6	3.3	(0.4)	37.7	7/19/19 3:00	14.2	(63.9)	0.0	(49.6)
7/18/19 14:15	56.0	(9.2)	0.3	47.0	7/19/19 3:15	18.3	(20.8)	(0.0)	(4.6)
7/18/19 14:30	41.7	6.7	0.9	49.3	7/19/19 3:30	(50.4)	(37.4)	0.0	(87.8)
7/18/19 14:45	13.1	(9.8)	0.5	5.0	7/19/19 3:45	9.4	(43.4)	(0.0)	(34.0)
7/18/19 15:00	24.1	(2.3)	(0.6)	22.6	7/19/19 4:00	15.8	(28.2)	(0.0)	(12.4)
7/18/19 15:15	49.6	(2.6)	1.6	48.6	7/19/19 4:15	(26.5)	(36.3)	0.0	(62.7)
7/18/19 15:30	30.3	(3.8)	(1.4)	26.7	7/19/19 4:30	20.7	(69.4)	(0.0)	(49.3)
7/18/19 15:45	36.4	9.2	1.0	46.1	7/19/19 4:45	6.2	(42.7)	0.0	(36.6)
7/18/19 16:00	45.0	10.3	2.3	57.7	7/19/19 5:00	(14.5)	(2.7)	0.0	(17.1)
7/18/19 16:15	(7.1)	7.5	(1.1)	(9.8)	7/19/19 5:15	32.7	(5.4)	(0.0)	27.4
7/18/19 16:30	(13.8)	(11.9)	(0.7)	(26.0)	7/19/19 5:30	22.9	(11.1)	0.0	14.9
7/18/19 16:45	14.2	8.6	2.8	25.5	7/19/19 5:45	20.4	(14.2)	(0.0)	11.1
7/18/19 17:00	26.5	(23.4)	2.2	12.1	7/19/19 6:00	(12.6)	(3.4)	(0.5)	(11.8)
7/18/19 17:15	(9.9)	(18.4)	4.3	(24.0)	7/19/19 6:15	54.2	(11.8)	(3.5)	39.0
7/18/19 17:30	15.2	(8.6)	2.0	10.7	7/19/19 6:30	27.7	(18.4)	(11.3)	8.6
7/18/19 17:45	17.6	(12.7)	4.5	11.7	7/19/19 6:45	(8.3)	(30.6)	(16.2)	(52.0)
7/18/19 18:00	(9.9)	4.6	2.9	7.8	7/19/19 7:00	56.1	30.9	(18.7)	70.3
7/18/19 18:15	(58.0)	11.0	8.4	(40.5)	7/19/19 7:15	54.0	244.1	(19.1)	278.9
7/18/19 18:30	12.1	(15.9)	12.8	9.8	7/19/19 7:30	39.8	(21.7)	(17.8)	15.3
7/18/19 18:45	(11.3)	(23.4)	13.4	(21.4)	7/19/19 7:45	37.3	(3.1)	(15.5)	21.5
7/18/19 19:00	(36.4)	(32.8)	17.2	(52.0)	7/19/19 8:00	63.5	(70.6)	(10.8)	(19.2)
7/18/19 19:15	(35.3)	(18.2)	18.4	(35.6)	7/19/19 8:15	45.9	(42.8)	(6.6)	(7.7)
7/18/19 19:30	(21.6)	(17.6)	15.9	(23.7)	7/19/19 8:30	12.9	44.7	(4.3)	53.3
7/18/19 19:45	(41.9)	(5.5)	13.5	(33.6)	7/19/19 8:45	55.7	62.5	(3.0)	115.2
7/18/19 20:00	(29.0)	(22.6)	5.6	(46.1)	7/19/19 9:00	49.3	16.0	(1.4)	63.9

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/19/19 9:15	88.1	5.2	(0.7)	92.5	7/19/19 22:15	(92.5)	55.8	0.2	(40.0)
7/19/19 9:30	53.4	12.1	(1.1)	64.4	7/19/19 22:30	(60.9)	29.4	(0.0)	(31.5)
7/19/19 9:45	25.2	(5.4)	(0.4)	20.9	7/19/19 22:45	(73.1)	(7.0)	0.0	(73.6)
7/19/19 10:00	53.8	(3.5)	(0.5)	51.3	7/19/19 23:00	(42.0)	(51.7)	(0.0)	(93.7)
7/19/19 10:15	9.6	16.6	(0.6)	22.0	7/19/19 23:15	(62.9)	(166.0)	0.0	(228.8)
7/19/19 10:30	(28.5)	8.0	0.6	(21.5)	7/19/19 23:30	(78.9)	(20.7)	(0.0)	(87.1)
7/19/19 10:45	67.2	(3.4)	(0.3)	64.4	7/19/19 23:45	(39.9)	15.7	0.0	(24.2)
7/19/19 11:00	43.0	4.1	0.5	45.6	7/20/19 0:00	(47.2)	24.4	(0.0)	(22.9)
7/19/19 11:15	45.8	(6.6)	0.6	40.0	7/20/19 0:15	(71.4)	47.7	(0.0)	(24.6)
7/19/19 11:30	60.7	(2.3)	0.8	59.4	7/20/19 0:30	(48.5)	54.2	(0.0)	18.7
7/19/19 11:45	55.2	15.8	0.6	71.4	7/20/19 0:45	(23.2)	73.8	0.0	50.6
7/19/19 12:00	24.6	36.2	(0.4)	57.1	7/20/19 1:00	(16.8)	68.0	(0.0)	51.6
7/19/19 12:15	40.2	31.0	(0.1)	68.7	7/20/19 1:15	(39.2)	40.6	(0.0)	6.4
7/19/19 12:30	45.5	21.1	0.6	67.2	7/20/19 1:30	(21.4)	73.1	0.0	51.7
7/19/19 12:45	38.1	33.4	(0.8)	70.8	7/20/19 1:45	(25.7)	43.7	(0.0)	17.9
7/19/19 13:00	28.4	24.3	(0.4)	49.1	7/20/19 2:00	(68.1)	35.9	0.0	(35.0)
7/19/19 13:15	92.2	23.2	0.5	116.0	7/20/19 2:15	(20.0)	(4.9)	(0.0)	(23.3)
7/19/19 13:30	16.8	24.8	(1.7)	40.0	7/20/19 2:30	13.5	(1.9)	0.0	12.5
7/19/19 13:45	(34.5)	16.9	1.4	(16.9)	7/20/19 2:45	(34.1)	(7.0)	0.0	(38.0)
7/19/19 14:00	54.4	15.6	(0.8)	69.5	7/20/19 3:00	(21.5)	(4.3)	(0.0)	(20.6)
7/19/19 14:15	44.4	16.5	0.6	61.3	7/20/19 3:15	(17.9)	(29.1)	(0.0)	(43.6)
7/19/19 14:30	(15.4)	16.1	0.7	20.1	7/20/19 3:30	(19.0)	(48.7)	0.0	(67.7)
7/19/19 14:45	24.8	4.3	0.5	26.2	7/20/19 3:45	(50.4)	(80.5)	(0.0)	(130.9)
7/19/19 15:00	48.8	(9.3)	0.8	40.3	7/20/19 4:00	17.2	(127.7)	0.0	(113.5)
7/19/19 15:15	72.2	(8.9)	(0.9)	65.9	7/20/19 4:15	5.2	(42.5)	(0.0)	(37.2)
7/19/19 15:30	20.7	(20.9)	1.0	(17.6)	7/20/19 4:30	(10.3)	20.0	0.1	(16.0)
7/19/19 15:45	40.6	(33.8)	0.6	12.8	7/20/19 4:45	(24.9)	33.5	0.1	11.6
7/19/19 16:00	24.1	(5.4)	(0.4)	21.2	7/20/19 5:00	(12.0)	10.0	(0.0)	(14.1)
7/19/19 16:15	(51.6)	(17.3)	0.8	(68.2)	7/20/19 5:15	7.2	(13.5)	0.0	(7.6)
7/19/19 16:30	36.4	(34.5)	1.2	7.9	7/20/19 5:30	(14.9)	12.7	(0.0)	6.0
7/19/19 16:45	12.5	(19.1)	1.3	(6.6)	7/20/19 5:45	20.1	(14.7)	0.0	(9.8)
7/19/19 17:00	(40.8)	5.5	2.5	(33.1)	7/20/19 6:00	11.7	12.9	(0.2)	16.9
7/19/19 17:15	(64.5)	4.3	4.3	(58.0)	7/20/19 6:15	21.1	(62.5)	(1.2)	(49.4)
7/19/19 17:30	5.3	(24.8)	2.2	(20.2)	7/20/19 6:30	24.8	(33.2)	(4.7)	(16.7)
7/19/19 17:45	19.1	(22.4)	3.1	(12.9)	7/20/19 6:45	26.3	(10.0)	(11.5)	10.9
7/19/19 18:00	18.6	(32.5)	5.4	(25.8)	7/20/19 7:00	26.6	55.0	(8.9)	66.8
7/19/19 18:15	(21.5)	(46.9)	15.7	(52.6)	7/20/19 7:15	25.7	162.0	(21.6)	160.3
7/19/19 18:30	(48.7)	(33.4)	11.3	(70.9)	7/20/19 7:30	48.7	(78.0)	(23.7)	(53.0)
7/19/19 18:45	19.2	9.6	12.6	40.9	7/20/19 7:45	42.0	(68.0)	(10.2)	(36.2)
7/19/19 19:00	(15.1)	(8.0)	19.9	(8.3)	7/20/19 8:00	22.2	(42.0)	(2.7)	(25.4)
7/19/19 19:15	(21.0)	(20.7)	13.1	(28.6)	7/20/19 8:15	55.9	(6.9)	(21.9)	35.0
7/19/19 19:30	(34.8)	(19.7)	19.9	(34.6)	7/20/19 8:30	64.1	(48.0)	(13.0)	11.2
7/19/19 19:45	(29.5)	(23.8)	10.6	(42.6)	7/20/19 8:45	28.9	(30.5)	2.6	(7.0)
7/19/19 20:00	(35.3)	(14.7)	2.9	(47.1)	7/20/19 9:00	48.9	(35.6)	(4.1)	15.4
7/19/19 20:15	(28.8)	47.8	0.7	39.4	7/20/19 9:15	34.3	(55.0)	6.3	(19.4)
7/19/19 20:30	(22.9)	(40.9)	0.1	(59.2)	7/20/19 9:30	77.1	(91.6)	12.6	(8.5)
7/19/19 20:45	8.3	(172.8)	(0.0)	(172.6)	7/20/19 9:45	43.3	(54.5)	(13.8)	(25.4)
7/19/19 21:00	(59.8)	(42.1)	(0.0)	(101.9)	7/20/19 10:00	(20.6)	(20.9)	(5.7)	(13.4)
7/19/19 21:15	(100.7)	(34.3)	(0.0)	(134.6)	7/20/19 10:15	27.3	32.3	(5.5)	34.1
7/19/19 21:30	11.2	(33.0)	0.0	(26.7)	7/20/19 10:30	10.5	(30.2)	11.7	(11.2)
7/19/19 21:45	(25.7)	(18.2)	(0.0)	(43.9)	7/20/19 10:45	48.0	(28.8)	(10.7)	19.5
7/19/19 22:00	(75.6)	27.8	(0.1)	(58.2)	7/20/19 11:00	26.2	(51.6)	(3.8)	(53.5)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/20/19 11:15	53.5	47.4	0.5	99.6	7/21/19 0:15	(37.6)	(7.4)	(0.0)	(43.3)
7/20/19 11:30	8.0	(24.5)	6.6	(16.3)	7/21/19 0:30	(9.5)	(16.1)	(0.0)	(25.0)
7/20/19 11:45	47.8	33.7	3.5	84.7	7/21/19 0:45	21.4	(10.4)	(0.0)	25.9
7/20/19 12:00	31.0	(18.4)	(9.9)	11.3	7/21/19 1:00	20.0	22.5	0.0	39.6
7/20/19 12:15	11.8	44.8	(1.1)	55.8	7/21/19 1:15	(25.7)	56.3	0.0	44.8
7/20/19 12:30	32.9	10.0	4.5	46.4	7/21/19 1:30	(9.9)	38.7	(0.0)	40.2
7/20/19 12:45	37.8	26.1	2.9	58.5	7/21/19 1:45	(22.4)	(40.8)	0.0	(63.2)
7/20/19 13:00	41.4	20.8	24.1	85.4	7/21/19 2:00	(43.0)	(16.2)	0.0	(58.4)
7/20/19 13:15	(20.3)	20.7	14.5	20.0	7/21/19 2:15	(6.4)	11.0	(0.0)	13.5
7/20/19 13:30	53.6	60.2	7.5	117.7	7/21/19 2:30	(4.7)	25.9	0.0	24.4
7/20/19 13:45	11.8	(33.1)	(5.8)	(30.0)	7/21/19 2:45	(17.1)	50.2	0.0	33.2
7/20/19 14:00	(14.1)	14.3	9.3	27.3	7/21/19 3:00	(29.8)	38.0	0.0	11.6
7/20/19 14:15	(41.3)	33.1	(13.3)	(23.7)	7/21/19 3:15	26.4	46.2	0.0	72.6
7/20/19 14:30	(3.1)	28.8	4.2	31.8	7/21/19 3:30	10.6	30.9	(0.0)	39.7
7/20/19 14:45	36.0	62.6	25.3	123.6	7/21/19 3:45	(21.2)	22.6	0.0	9.0
7/20/19 15:00	(35.4)	(29.0)	(18.7)	(81.3)	7/21/19 4:00	10.3	18.4	(0.0)	23.6
7/20/19 15:15	(35.6)	29.2	(10.5)	(18.7)	7/21/19 4:15	15.5	11.0	(0.0)	26.5
7/20/19 15:30	(88.0)	(34.4)	(13.8)	(132.0)	7/21/19 4:30	(7.1)	7.2	0.0	10.0
7/20/19 15:45	(66.1)	29.3	(2.7)	(43.7)	7/21/19 4:45	(17.0)	1.0	(0.0)	(16.5)
7/20/19 16:00	(43.7)	24.5	16.0	(15.3)	7/21/19 5:00	12.0	1.5	0.0	13.4
7/20/19 16:15	(10.1)	(10.8)	42.3	28.8	7/21/19 5:15	13.7	(1.1)	(0.0)	12.6
7/20/19 16:30	11.2	3.9	32.8	38.4	7/21/19 5:30	(19.4)	(1.9)	(0.0)	(20.6)
7/20/19 16:45	25.7	18.7	6.7	51.1	7/21/19 5:45	16.3	(5.2)	(0.0)	12.5
7/20/19 17:00	7.9	13.6	(0.4)	21.2	7/21/19 6:00	(11.5)	(20.4)	(0.2)	(32.1)
7/20/19 17:15	(12.9)	8.8	(0.4)	17.6	7/21/19 6:15	(21.0)	(20.1)	(0.9)	(39.6)
7/20/19 17:30	(51.6)	(11.4)	(1.1)	(63.6)	7/21/19 6:30	25.9	(5.7)	(6.7)	17.9
7/20/19 17:45	(25.0)	(15.7)	(0.5)	(41.0)	7/21/19 6:45	15.4	3.7	(9.7)	9.2
7/20/19 18:00	(21.1)	20.5	(1.8)	(9.5)	7/21/19 7:00	(11.4)	(3.1)	(16.9)	(23.4)
7/20/19 18:15	(53.8)	75.9	(16.1)	10.5	7/21/19 7:15	20.8	15.0	(23.3)	(16.2)
7/20/19 18:30	(46.9)	24.7	2.7	(22.5)	7/21/19 7:30	33.4	3.9	(13.7)	23.6
7/20/19 18:45	(68.9)	37.6	10.9	(20.4)	7/21/19 7:45	22.3	3.9	(11.5)	15.3
7/20/19 19:00	(64.9)	13.5	10.7	(40.7)	7/21/19 8:00	17.5	(20.0)	(8.9)	(21.5)
7/20/19 19:15	(33.5)	27.5	2.5	(8.1)	7/21/19 8:15	49.0	(20.6)	(19.8)	10.3
7/20/19 19:30	(19.3)	48.2	1.0	29.9	7/21/19 8:30	39.3	4.7	(9.3)	34.5
7/20/19 19:45	(25.6)	73.0	(1.4)	46.0	7/21/19 8:45	7.4	3.1	1.6	7.7
7/20/19 20:00	25.4	21.0	1.3	47.5	7/21/19 9:00	57.7	8.1	(5.5)	60.3
7/20/19 20:15	(1.5)	16.0	1.3	17.2	7/21/19 9:15	38.6	9.6	(1.7)	46.5
7/20/19 20:30	(15.6)	43.2	0.3	28.3	7/21/19 9:30	17.1	8.5	(1.3)	24.6
7/20/19 20:45	11.8	77.4	0.0	82.6	7/21/19 9:45	41.1	9.1	(1.7)	48.6
7/20/19 21:00	(12.2)	48.3	(0.0)	43.0	7/21/19 10:00	(7.1)	3.6	(0.9)	5.7
7/20/19 21:15	(9.3)	28.0	0.0	24.6	7/21/19 10:15	(14.1)	2.2	(0.9)	(13.7)
7/20/19 21:30	(27.1)	(23.4)	(0.0)	(50.5)	7/21/19 10:30	26.6	(8.3)	0.9	20.5
7/20/19 21:45	(47.7)	(98.5)	(0.0)	(146.2)	7/21/19 10:45	62.2	(10.0)	(0.7)	51.5
7/20/19 22:00	(10.9)	(79.7)	0.0	(88.7)	7/21/19 11:00	2.4	(2.7)	(0.5)	(3.5)
7/20/19 22:15	(20.3)	(93.2)	(0.0)	(113.5)	7/21/19 11:15	8.9	0.6	(0.6)	8.6
7/20/19 22:30	(51.3)	(16.3)	0.0	(59.9)	7/21/19 11:30	39.0	3.1	1.0	43.0
7/20/19 22:45	(27.0)	17.0	(0.0)	(14.8)	7/21/19 11:45	52.2	(3.4)	0.3	48.9
7/20/19 23:00	(26.0)	(25.4)	0.0	(31.5)	7/21/19 12:00	12.2	(8.9)	0.4	(12.0)
7/20/19 23:15	(43.4)	29.3	(0.0)	(43.3)	7/21/19 12:15	24.8	(18.6)	0.3	(16.1)
7/20/19 23:30	(25.8)	109.3	0.0	83.5	7/21/19 12:30	44.3	(22.5)	(0.8)	21.6
7/20/19 23:45	(32.7)	55.2	(0.0)	22.5	7/21/19 12:45	46.1	(39.9)	1.2	10.6
7/21/19 0:00	(53.3)	46.3	(0.0)	(20.6)	7/21/19 13:00	22.7	(27.7)	(1.0)	(14.7)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/21/19 13:15	45.6	(38.8)	(0.9)	19.5	7/22/19 2:15	13.2	(27.3)	(0.0)	(16.3)
7/21/19 13:30	43.8	(32.0)	(0.2)	14.7	7/22/19 2:30	(6.2)	8.3	0.0	7.5
7/21/19 13:45	44.7	(10.5)	1.5	35.9	7/22/19 2:45	(31.7)	4.0	0.0	(27.8)
7/21/19 14:00	13.9	6.5	(1.1)	16.6	7/22/19 3:00	18.0	(6.5)	(0.0)	12.0
7/21/19 14:15	63.0	15.2	2.3	80.2	7/22/19 3:15	14.3	(5.1)	0.0	11.0
7/21/19 14:30	28.8	3.0	(1.9)	29.9	7/22/19 3:30	(29.1)	1.4	0.0	(28.3)
7/21/19 14:45	13.4	8.1	1.5	20.4	7/22/19 3:45	26.7	(3.9)	0.0	22.8
7/21/19 15:00	15.4	(11.6)	(2.0)	4.0	7/22/19 4:00	8.4	(8.2)	(0.0)	2.0
7/21/19 15:15	24.7	(23.7)	0.7	2.1	7/22/19 4:15	(16.4)	(11.1)	0.0	(25.3)
7/21/19 15:30	30.8	(37.9)	6.3	(8.6)	7/22/19 4:30	28.6	(10.9)	(0.0)	21.7
7/21/19 15:45	38.1	13.5	3.2	48.5	7/22/19 4:45	22.7	(18.0)	0.0	4.8
7/21/19 16:00	21.6	(6.8)	(9.0)	10.9	7/22/19 5:00	(13.3)	(4.8)	(0.0)	(11.9)
7/21/19 16:15	29.6	(46.1)	3.7	(14.5)	7/22/19 5:15	50.8	20.5	0.0	70.5
7/21/19 16:30	40.6	(36.7)	(2.7)	22.4	7/22/19 5:30	20.5	12.7	0.0	33.1
7/21/19 16:45	29.9	33.6	9.0	72.4	7/22/19 5:45	(14.9)	(13.4)	(0.0)	(25.6)
7/21/19 17:00	48.1	27.6	15.1	79.4	7/22/19 6:00	20.1	(23.1)	(0.1)	(11.1)
7/21/19 17:15	19.4	(89.6)	5.4	(67.4)	7/22/19 6:15	32.1	(24.4)	(1.3)	8.2
7/21/19 17:30	(42.1)	24.8	(2.8)	(30.3)	7/22/19 6:30	18.8	(14.0)	(7.7)	(4.6)
7/21/19 17:45	8.9	22.9	2.6	23.0	7/22/19 6:45	28.9	4.2	(9.0)	26.4
7/21/19 18:00	(44.2)	(19.8)	7.6	(56.2)	7/22/19 7:00	51.0	17.3	(10.6)	57.7
7/21/19 18:15	(36.6)	(57.2)	33.6	(60.2)	7/22/19 7:15	28.8	7.6	(12.1)	28.1
7/21/19 18:30	(35.0)	(122.9)	5.9	(152.8)	7/22/19 7:30	24.4	(6.8)	(22.6)	(20.6)
7/21/19 18:45	(28.9)	29.5	13.5	26.3	7/22/19 7:45	38.5	(4.5)	(6.9)	27.0
7/21/19 19:00	(35.3)	99.9	10.4	74.9	7/22/19 8:00	29.5	(35.6)	(8.6)	(18.8)
7/21/19 19:15	(8.1)	(51.0)	(1.3)	(54.3)	7/22/19 8:15	27.3	(25.6)	(4.4)	(13.8)
7/21/19 19:30	(27.4)	(90.7)	11.9	(106.2)	7/22/19 8:30	35.7	(30.3)	(1.3)	9.8
7/21/19 19:45	(18.9)	12.4	14.5	(7.6)	7/22/19 8:45	23.2	(36.0)	(9.2)	(22.8)
7/21/19 20:00	(28.0)	(84.1)	3.8	(108.3)	7/22/19 9:00	25.5	(26.6)	(18.5)	(23.3)
7/21/19 20:15	(24.7)	(13.8)	1.4	(26.4)	7/22/19 9:15	31.4	(2.6)	(3.8)	26.9
7/21/19 20:30	(40.6)	30.0	0.8	(14.9)	7/22/19 9:30	(18.6)	(17.1)	(11.2)	(29.0)
7/21/19 20:45	25.5	27.5	0.1	51.8	7/22/19 9:45	(35.3)	(3.7)	2.1	(36.7)
7/21/19 21:00	(30.1)	40.8	(0.0)	14.7	7/22/19 10:00	58.2	9.2	1.4	68.0
7/21/19 21:15	(75.6)	68.3	(0.0)	(17.7)	7/22/19 10:15	18.2	(2.7)	6.0	21.5
7/21/19 21:30	(11.0)	96.6	0.0	85.6	7/22/19 10:30	9.5	(22.6)	(11.3)	(26.9)
7/21/19 21:45	(24.6)	28.1	0.0	8.9	7/22/19 10:45	38.4	(19.3)	5.6	25.2
7/21/19 22:00	(56.5)	37.3	0.0	(26.2)	7/22/19 11:00	34.4	(9.8)	6.6	37.9
7/21/19 22:15	(57.3)	9.5	0.0	(51.4)	7/22/19 11:15	13.4	19.5	(5.2)	26.4
7/21/19 22:30	(51.4)	(12.5)	0.0	(63.3)	7/22/19 11:30	23.3	14.3	5.5	41.8
7/21/19 22:45	(73.5)	19.0	(0.0)	(54.5)	7/22/19 11:45	13.4	26.6	1.1	36.9
7/21/19 23:00	(42.8)	52.3	0.0	17.7	7/22/19 12:00	25.9	28.6	(7.5)	48.5
7/21/19 23:15	(26.9)	14.1	(0.0)	(22.1)	7/22/19 12:15	24.4	(6.1)	(4.1)	17.2
7/21/19 23:30	(71.6)	(28.4)	0.0	(100.0)	7/22/19 12:30	(12.4)	(7.8)	(3.1)	(19.5)
7/21/19 23:45	(49.1)	(11.4)	(0.0)	(60.0)	7/22/19 12:45	49.0	(2.5)	(2.4)	46.8
7/22/19 0:00	32.7	17.5	(0.0)	50.2	7/22/19 13:00	26.3	(5.0)	(2.6)	21.0
7/22/19 0:15	(22.8)	34.8	(0.0)	12.0	7/22/19 13:15	69.9	(6.2)	(2.4)	64.7
7/22/19 0:30	(53.7)	24.9	(0.0)	(29.6)	7/22/19 13:30	40.6	(18.8)	1.7	23.3
7/22/19 0:45	(9.8)	4.9	0.0	(7.2)	7/22/19 13:45	(5.3)	8.5	2.7	7.7
7/22/19 1:00	(17.8)	24.4	(0.0)	10.1	7/22/19 14:00	28.9	(10.1)	(3.0)	19.6
7/22/19 1:15	(49.2)	24.6	0.0	(27.5)	7/22/19 14:15	64.4	(15.9)	18.4	66.8
7/22/19 1:30	(3.7)	13.1	0.0	11.9	7/22/19 14:30	27.9	(9.8)	17.3	33.4
7/22/19 1:45	(7.4)	23.3	(0.0)	19.8	7/22/19 14:45	18.8	(16.2)	6.7	10.2
7/22/19 2:00	(37.4)	9.2	0.0	(33.0)	7/22/19 15:00	8.6	(4.7)	(2.7)	4.4

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/22/19 15:15	(2.7)	8.7	(14.7)	(7.2)	7/23/19 4:15	(9.7)	13.9	0.0	13.5
7/22/19 15:30	14.4	14.4	(12.0)	20.5	7/23/19 4:30	(30.0)	(8.2)	(0.0)	(38.3)
7/22/19 15:45	11.3	10.2	20.7	41.8	7/23/19 4:45	15.6	20.5	0.0	36.1
7/22/19 16:00	14.8	24.5	16.9	56.2	7/23/19 5:00	12.1	17.7	(0.0)	20.3
7/22/19 16:15	67.4	2.9	7.4	74.8	7/23/19 5:15	56.8	(91.4)	0.0	(35.4)
7/22/19 16:30	(15.6)	20.2	15.4	19.9	7/23/19 5:30	16.9	(10.0)	(0.0)	6.9
7/22/19 16:45	(50.0)	20.0	11.0	(19.8)	7/23/19 5:45	(11.1)	13.4	(0.0)	11.8
7/22/19 17:00	(45.0)	(25.6)	7.8	(63.9)	7/23/19 6:00	28.5	(24.0)	(0.2)	6.9
7/22/19 17:15	9.0	(78.7)	23.4	(54.9)	7/23/19 6:15	33.8	(26.8)	(2.3)	8.9
7/22/19 17:30	(17.0)	(98.1)	7.5	(107.9)	7/23/19 6:30	18.9	14.9	(10.0)	25.3
7/22/19 17:45	(37.3)	(54.1)	2.0	(89.5)	7/23/19 6:45	53.5	(34.8)	(15.1)	6.4
7/22/19 18:00	(45.5)	24.4	(13.4)	(37.3)	7/23/19 7:00	46.9	(11.9)	(19.2)	22.1
7/22/19 18:15	(15.3)	18.0	(10.3)	(9.5)	7/23/19 7:15	16.6	63.2	(19.7)	60.7
7/22/19 18:30	(8.4)	24.0	(5.3)	14.3	7/23/19 7:30	39.5	16.4	(17.2)	37.1
7/22/19 18:45	(44.4)	(29.0)	7.0	(66.2)	7/23/19 7:45	34.5	(29.6)	(4.0)	6.7
7/22/19 19:00	(8.2)	(29.8)	13.9	(20.8)	7/23/19 8:00	(14.8)	9.7	(4.9)	(9.7)
7/22/19 19:15	(32.5)	(64.2)	9.3	(87.4)	7/23/19 8:15	67.5	18.4	(11.7)	74.1
7/22/19 19:30	(43.0)	(64.8)	0.7	(107.0)	7/23/19 8:30	32.5	8.5	(3.9)	33.6
7/22/19 19:45	(35.8)	19.4	3.7	(28.3)	7/23/19 8:45	10.3	64.8	(12.3)	51.4
7/22/19 20:00	(53.4)	(37.7)	1.7	(70.6)	7/23/19 9:00	39.7	8.8	(1.9)	43.8
7/22/19 20:15	(46.7)	(199.3)	0.7	(245.2)	7/23/19 9:15	19.7	11.6	(12.3)	15.5
7/22/19 20:30	(9.3)	(45.3)	0.0	(54.5)	7/23/19 9:30	27.5	(83.9)	(2.6)	(61.9)
7/22/19 20:45	25.0	19.7	(0.0)	43.1	7/23/19 9:45	(14.4)	51.8	2.8	53.0
7/22/19 21:00	15.3	33.6	(0.0)	38.5	7/23/19 10:00	35.6	17.3	(3.3)	49.6
7/22/19 21:15	(58.1)	23.1	0.0	(35.6)	7/23/19 10:15	38.0	(26.2)	(1.2)	17.1
7/22/19 21:30	(40.4)	(7.4)	0.0	(45.2)	7/23/19 10:30	29.5	17.8	0.4	47.3
7/22/19 21:45	(41.4)	8.4	(0.0)	(37.1)	7/23/19 10:45	30.7	44.8	0.6	76.1
7/22/19 22:00	(28.0)	(39.6)	(0.0)	(67.6)	7/23/19 11:00	30.1	(26.7)	(0.7)	8.8
7/22/19 22:15	(17.3)	(19.4)	(0.0)	(29.3)	7/23/19 11:15	21.3	15.8	0.5	37.1
7/22/19 22:30	(29.3)	(27.5)	0.0	(44.6)	7/23/19 11:30	39.3	8.0	1.7	49.0
7/22/19 22:45	(68.9)	50.6	0.0	(35.5)	7/23/19 11:45	30.4	16.1	(0.2)	44.4
7/22/19 23:00	(35.4)	(35.7)	0.0	(66.0)	7/23/19 12:00	30.4	(12.5)	(2.1)	27.8
7/22/19 23:15	(47.2)	(23.3)	(0.0)	(66.5)	7/23/19 12:15	26.5	(18.5)	(0.7)	19.8
7/22/19 23:30	(78.5)	66.0	0.0	(16.6)	7/23/19 12:30	32.4	51.5	(0.3)	80.3
7/22/19 23:45	(14.8)	12.1	0.0	(5.0)	7/23/19 12:45	33.9	(34.4)	(0.6)	22.7
7/23/19 0:00	(7.5)	(60.1)	(0.0)	(65.9)	7/23/19 13:00	25.5	(25.6)	(0.3)	24.1
7/23/19 0:15	(22.0)	(46.0)	(0.0)	(66.2)	7/23/19 13:15	19.1	(23.0)	0.9	(7.7)
7/23/19 0:30	(65.8)	54.7	(0.0)	(13.3)	7/23/19 13:30	38.9	4.8	0.4	39.7
7/23/19 0:45	3.8	15.3	0.0	18.4	7/23/19 13:45	30.2	22.1	(0.8)	51.5
7/23/19 1:00	(21.4)	16.0	(0.0)	(7.1)	7/23/19 14:00	28.5	32.4	(0.5)	59.1
7/23/19 1:15	(35.4)	(16.9)	0.0	(45.7)	7/23/19 14:15	11.9	31.3	0.6	43.8
7/23/19 1:30	(26.1)	42.6	(0.0)	20.5	7/23/19 14:30	39.2	30.3	(0.2)	69.3
7/23/19 1:45	(11.2)	12.0	(0.0)	4.7	7/23/19 14:45	37.6	28.6	0.2	66.3
7/23/19 2:00	(25.7)	39.3	(0.0)	13.6	7/23/19 15:00	54.3	29.1	21.0	104.3
7/23/19 2:15	(21.8)	11.6	0.0	(11.0)	7/23/19 15:15	95.0	29.2	14.9	139.0
7/23/19 2:30	(14.1)	55.4	0.0	43.3	7/23/19 15:30	(23.7)	29.6	(12.7)	(7.5)
7/23/19 2:45	(21.0)	8.4	0.0	(18.5)	7/23/19 15:45	(41.4)	29.9	(12.1)	(24.6)
7/23/19 3:00	16.1	(15.8)	(0.0)	17.3	7/23/19 16:00	46.0	12.4	26.2	81.4
7/23/19 3:15	(24.2)	9.9	0.0	(19.3)	7/23/19 16:15	69.2	8.2	46.3	121.2
7/23/19 3:30	(23.7)	30.3	(0.0)	27.3	7/23/19 16:30	24.8	10.6	3.1	36.9
7/23/19 3:45	27.0	(6.7)	0.0	27.4	7/23/19 16:45	(11.8)	(19.6)	(24.4)	(52.2)
7/23/19 4:00	8.4	(5.6)	(0.0)	3.7	7/23/19 17:00	33.8	(20.1)	(11.9)	17.0

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/23/19 17:15	21.1	(50.5)	13.0	(16.5)	7/24/19 6:15	28.3	44.8	(2.8)	68.3
7/23/19 17:30	(54.6)	(47.9)	(6.8)	(103.3)	7/24/19 6:30	58.3	38.3	(10.1)	86.5
7/23/19 17:45	9.8	(43.8)	7.9	(41.9)	7/24/19 6:45	43.7	52.8	(14.0)	82.4
7/23/19 18:00	(25.0)	(50.8)	(8.7)	(76.7)	7/24/19 7:00	13.1	53.4	(18.4)	48.1
7/23/19 18:15	(28.3)	(50.0)	29.2	(49.1)	7/24/19 7:15	52.4	77.5	(19.9)	110.0
7/23/19 18:30	(20.9)	(54.9)	19.5	(52.5)	7/24/19 7:30	38.5	82.9	(18.6)	102.8
7/23/19 18:45	(31.8)	(54.8)	5.0	(81.1)	7/24/19 7:45	(11.2)	53.1	(15.7)	35.5
7/23/19 19:00	12.8	(59.2)	4.6	(50.2)	7/24/19 8:00	44.1	42.4	(11.8)	74.7
7/23/19 19:15	(43.9)	(54.3)	5.0	(93.2)	7/24/19 8:15	38.6	39.6	(7.0)	71.3
7/23/19 19:30	(26.3)	(35.6)	1.6	(57.5)	7/24/19 8:30	20.9	17.1	(4.9)	32.1
7/23/19 19:45	18.7	(39.2)	2.8	(17.7)	7/24/19 8:45	39.5	20.1	(3.5)	55.4
7/23/19 20:00	(38.8)	(18.5)	3.4	(53.9)	7/24/19 9:00	43.7	19.9	(2.2)	61.5
7/23/19 20:15	(73.8)	(20.5)	0.4	(93.9)	7/24/19 9:15	21.2	9.9	(0.9)	28.3
7/23/19 20:30	10.9	(30.2)	0.1	(28.8)	7/24/19 9:30	23.4	4.3	(1.8)	24.7
7/23/19 20:45	(7.5)	(27.0)	(0.0)	(34.5)	7/24/19 9:45	60.8	(13.8)	(1.2)	45.7
7/23/19 21:00	(67.1)	(4.4)	0.0	(69.1)	7/24/19 10:00	42.0	(28.4)	(0.7)	13.0
7/23/19 21:15	(42.8)	(4.0)	0.0	(45.6)	7/24/19 10:15	12.2	(55.3)	(0.3)	(43.7)
7/23/19 21:30	(35.7)	(7.0)	(0.0)	(42.8)	7/24/19 10:30	73.8	(69.4)	0.2	5.6
7/23/19 21:45	(36.6)	4.5	(0.0)	(32.6)	7/24/19 10:45	43.0	(63.7)	(0.2)	(20.8)
7/23/19 22:00	(54.4)	(8.5)	0.0	(62.3)	7/24/19 11:00	28.7	(60.5)	(0.2)	(32.6)
7/23/19 22:15	(86.4)	(10.1)	0.0	(96.5)	7/24/19 11:15	46.9	(44.0)	(0.2)	11.4
7/23/19 22:30	(56.2)	(4.6)	(0.0)	(60.8)	7/24/19 11:30	48.1	(27.6)	0.3	20.7
7/23/19 22:45	(26.4)	0.9	0.0	(26.2)	7/24/19 11:45	27.6	(21.8)	0.1	10.9
7/23/19 23:00	(64.0)	17.1	0.0	(47.2)	7/24/19 12:00	28.5	(9.4)	0.4	20.2
7/23/19 23:15	(35.0)	19.3	0.0	(16.4)	7/24/19 12:15	50.9	4.8	(0.3)	54.7
7/23/19 23:30	(52.1)	14.6	(0.0)	(37.5)	7/24/19 12:30	38.0	33.6	0.4	71.9
7/23/19 23:45	(65.7)	21.0	0.0	(45.3)	7/24/19 12:45	25.7	30.4	0.2	56.3
7/24/19 0:00	(21.1)	(4.4)	(0.0)	(21.8)	7/24/19 13:00	39.0	23.2	0.5	62.7
7/24/19 0:15	(20.7)	7.8	(0.0)	(14.6)	7/24/19 13:15	46.4	18.3	(0.3)	64.5
7/24/19 0:30	(60.9)	31.9	(0.0)	(34.0)	7/24/19 13:30	(25.9)	36.6	0.2	17.2
7/24/19 0:45	(17.4)	24.1	0.0	16.3	7/24/19 13:45	46.8	31.0	(0.1)	77.9
7/24/19 1:00	(24.5)	1.8	(0.0)	(22.7)	7/24/19 14:00	55.8	40.7	2.8	99.3
7/24/19 1:15	(53.9)	13.9	0.0	(40.0)	7/24/19 14:15	34.1	18.9	(2.0)	51.2
7/24/19 1:30	(5.5)	30.1	(0.0)	26.8	7/24/19 14:30	19.9	20.6	2.2	40.8
7/24/19 1:45	(9.4)	15.8	(0.0)	7.4	7/24/19 14:45	61.1	13.2	(1.3)	73.1
7/24/19 2:00	(45.2)	46.9	0.0	4.4	7/24/19 15:00	39.3	(2.9)	5.6	42.9
7/24/19 2:15	(9.5)	5.7	(0.0)	8.2	7/24/19 15:15	21.3	(3.6)	2.9	20.6
7/24/19 2:30	(21.6)	21.0	0.0	(3.1)	7/24/19 15:30	49.4	2.0	16.7	67.3
7/24/19 2:45	(44.1)	42.3	0.0	(4.9)	7/24/19 15:45	15.3	(21.0)	13.7	9.2
7/24/19 3:00	6.6	16.9	(0.0)	18.8	7/24/19 16:00	(19.2)	(26.4)	12.2	(32.1)
7/24/19 3:15	3.7	(3.8)	(0.0)	2.6	7/24/19 16:15	15.5	(17.7)	14.0	13.2
7/24/19 3:30	(38.3)	26.0	0.0	(12.3)	7/24/19 16:30	15.0	(28.8)	11.6	(16.4)
7/24/19 3:45	20.5	(5.1)	0.0	19.9	7/24/19 16:45	(29.7)	(59.5)	(6.1)	(95.2)
7/24/19 4:00	7.4	6.5	(0.0)	13.8	7/24/19 17:00	(54.1)	(66.0)	5.8	(115.7)
7/24/19 4:15	(27.5)	22.1	0.0	13.2	7/24/19 17:15	(27.3)	(40.6)	15.8	(52.6)
7/24/19 4:30	22.5	43.6	(0.0)	56.3	7/24/19 17:30	(20.8)	(27.2)	3.8	(46.4)
7/24/19 4:45	13.2	24.6	(0.0)	37.7	7/24/19 17:45	(62.7)	(23.2)	6.0	(80.2)
7/24/19 5:00	11.8	16.2	(0.0)	25.3	7/24/19 18:00	(44.9)	(43.8)	10.6	(78.2)
7/24/19 5:15	9.9	17.0	0.0	23.8	7/24/19 18:15	(57.7)	(51.0)	3.8	(104.9)
7/24/19 5:30	39.7	12.6	0.0	52.3	7/24/19 18:30	(106.5)	(18.0)	9.6	(114.9)
7/24/19 5:45	(30.3)	17.5	(0.0)	(14.2)	7/24/19 18:45	(55.5)	(29.2)	3.1	(81.7)
7/24/19 6:00	(6.4)	29.4	(0.2)	27.5	7/24/19 19:00	(65.1)	(69.7)	2.6	(132.2)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/24/19 19:15	(13.9)	(67.0)	1.4	(74.9)	7/25/19 8:15	33.7	29.7	(12.3)	51.1
7/24/19 19:30	(17.0)	8.4	0.6	(14.6)	7/25/19 8:30	21.8	(13.9)	(9.3)	(9.6)
7/24/19 19:45	(37.9)	31.5	0.6	(10.1)	7/25/19 8:45	17.2	(8.1)	6.5	17.6
7/24/19 20:00	(17.6)	14.6	1.0	10.4	7/25/19 9:00	39.9	(17.7)	(15.2)	14.7
7/24/19 20:15	38.8	(19.7)	0.1	47.6	7/25/19 9:15	24.8	(55.1)	(10.4)	(40.7)
7/24/19 20:30	(11.4)	(146.2)	0.0	(150.5)	7/25/19 9:30	43.2	(24.7)	(15.9)	10.7
7/24/19 20:45	24.2	(38.9)	(0.0)	(19.5)	7/25/19 9:45	36.2	(16.1)	(17.2)	5.7
7/24/19 21:00	(22.8)	2.2	(0.0)	(20.8)	7/25/19 10:00	29.8	(7.2)	(2.4)	20.2
7/24/19 21:15	(89.4)	(23.1)	(0.0)	(112.5)	7/25/19 10:15	26.5	27.9	0.1	54.4
7/24/19 21:30	(30.9)	(35.3)	0.0	(66.2)	7/25/19 10:30	31.6	43.1	(0.5)	74.2
7/24/19 21:45	(42.7)	62.8	0.0	21.0	7/25/19 10:45	37.9	23.5	2.1	63.6
7/24/19 22:00	(90.3)	117.2	(0.0)	26.9	7/25/19 11:00	29.9	36.9	(1.9)	65.0
7/24/19 22:15	(59.8)	98.3	0.0	38.5	7/25/19 11:15	21.8	42.9	1.0	65.4
7/24/19 22:30	(56.3)	68.2	(0.0)	15.5	7/25/19 11:30	20.9	17.2	(1.3)	37.0
7/24/19 22:45	(61.2)	(13.1)	0.0	(71.8)	7/25/19 11:45	41.2	14.4	0.6	56.0
7/24/19 23:00	(54.7)	15.6	0.0	(40.8)	7/25/19 12:00	40.2	15.8	1.8	57.7
7/24/19 23:15	(52.1)	(84.2)	0.0	(136.3)	7/25/19 12:15	35.2	13.4	10.0	58.6
7/24/19 23:30	(63.1)	(78.1)	(0.0)	(141.2)	7/25/19 12:30	(17.6)	9.6	(2.8)	(10.1)
7/24/19 23:45	(25.6)	(59.0)	0.0	(84.5)	7/25/19 12:45	35.0	22.1	(9.9)	47.2
7/25/19 0:00	(23.1)	14.1	(0.0)	(18.5)	7/25/19 13:00	14.6	10.2	0.8	24.8
7/25/19 0:15	(11.9)	89.6	(0.0)	83.8	7/25/19 13:15	(10.0)	2.0	(1.2)	(9.9)
7/25/19 0:30	(17.2)	83.2	(0.0)	72.8	7/25/19 13:30	(23.5)	(9.4)	13.6	(19.9)
7/25/19 0:45	(21.8)	64.2	0.0	42.3	7/25/19 13:45	(27.3)	(6.6)	26.2	(5.7)
7/25/19 1:00	(47.9)	24.8	0.0	(25.7)	7/25/19 14:00	(10.0)	10.5	(7.3)	(6.6)
7/25/19 1:15	(20.6)	(54.2)	(0.0)	(74.6)	7/25/19 14:15	(3.0)	6.2	5.2	10.0
7/25/19 1:30	(13.6)	(51.2)	0.0	(64.5)	7/25/19 14:30	8.1	2.0	21.4	31.0
7/25/19 1:45	(32.8)	(23.4)	(0.0)	(56.2)	7/25/19 14:45	27.8	(1.7)	(3.5)	26.1
7/25/19 2:00	(14.9)	(7.6)	(0.0)	(22.1)	7/25/19 15:00	34.2	(16.9)	12.3	29.5
7/25/19 2:15	(16.0)	1.9	0.0	(14.8)	7/25/19 15:15	23.8	(24.2)	8.7	8.3
7/25/19 2:30	(34.5)	39.6	0.0	8.3	7/25/19 15:30	23.6	(42.2)	12.0	(11.0)
7/25/19 2:45	(21.1)	53.7	0.0	38.3	7/25/19 15:45	14.3	(84.4)	4.4	(65.7)
7/25/19 3:00	13.1	40.0	0.0	47.7	7/25/19 16:00	9.2	(75.0)	4.4	(61.4)
7/25/19 3:15	12.6	59.2	0.0	66.1	7/25/19 16:15	18.4	(22.9)	(2.6)	23.6
7/25/19 3:30	(17.8)	64.4	0.0	51.7	7/25/19 16:30	20.4	21.9	(1.8)	41.4
7/25/19 3:45	13.7	81.5	(0.0)	95.2	7/25/19 16:45	(22.2)	24.8	(15.4)	(13.4)
7/25/19 4:00	5.1	48.5	0.0	53.6	7/25/19 17:00	(47.2)	80.8	4.8	38.7
7/25/19 4:15	(34.8)	28.9	0.0	(11.5)	7/25/19 17:15	(29.5)	48.3	(4.5)	31.5
7/25/19 4:30	18.7	9.7	(0.0)	20.3	7/25/19 17:30	(20.3)	(8.1)	(3.3)	(21.4)
7/25/19 4:45	(7.8)	(22.7)	0.0	(29.1)	7/25/19 17:45	(34.0)	(29.7)	9.5	(54.2)
7/25/19 5:00	8.4	(10.1)	0.0	(14.9)	7/25/19 18:00	(61.0)	(25.7)	16.6	(70.1)
7/25/19 5:15	53.1	(8.9)	(0.0)	54.3	7/25/19 18:15	(51.6)	(38.4)	19.8	(69.4)
7/25/19 5:30	35.1	43.5	(0.0)	78.5	7/25/19 18:30	(11.4)	(50.9)	1.2	(61.1)
7/25/19 5:45	(22.7)	37.4	0.0	29.2	7/25/19 18:45	(16.8)	(5.7)	0.2	(21.6)
7/25/19 6:00	17.7	24.3	(0.0)	30.5	7/25/19 19:00	(51.0)	(5.3)	0.7	(55.6)
7/25/19 6:15	31.7	(12.7)	(1.1)	24.3	7/25/19 19:15	(14.1)	(4.2)	(1.6)	(16.0)
7/25/19 6:30	27.7	(10.4)	(2.6)	18.1	7/25/19 19:30	(13.9)	(43.3)	2.2	(55.1)
7/25/19 6:45	(16.3)	(16.5)	(9.6)	(41.3)	7/25/19 19:45	(33.4)	(37.2)	1.1	(69.5)
7/25/19 7:00	38.2	(18.2)	(15.9)	(17.7)	7/25/19 20:00	(46.4)	(15.0)	3.3	(58.0)
7/25/19 7:15	77.5	(10.8)	(7.4)	59.2	7/25/19 20:15	(14.4)	21.7	0.9	12.2
7/25/19 7:30	35.5	3.0	(14.9)	21.3	7/25/19 20:30	28.9	35.7	0.0	64.3
7/25/19 7:45	42.3	11.2	(5.6)	47.9	7/25/19 20:45	14.5	4.4	(0.0)	16.2
7/25/19 8:00	44.5	22.3	1.2	67.5	7/25/19 21:00	(23.9)	13.5	0.0	(15.4)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/25/19 21:15	(42.3)	8.3	(0.0)	(34.2)	7/26/19 10:15	31.5	4.4	3.0	38.3
7/25/19 21:30	(17.2)	(12.2)	0.0	(28.1)	7/26/19 10:30	57.3	(0.9)	12.1	69.2
7/25/19 21:45	(35.1)	(108.6)	(0.0)	(143.6)	7/26/19 10:45	41.8	1.7	1.6	45.1
7/25/19 22:00	(82.5)	(76.3)	0.0	(158.9)	7/26/19 11:00	31.8	4.3	(4.0)	32.1
7/25/19 22:15	(61.0)	(27.5)	(0.0)	(88.5)	7/26/19 11:15	37.6	1.8	(4.2)	35.1
7/25/19 22:30	(19.8)	(29.4)	(0.0)	(49.2)	7/26/19 11:30	46.7	7.5	(1.7)	53.9
7/25/19 22:45	(32.6)	(33.6)	(0.0)	(66.2)	7/26/19 11:45	34.5	3.4	(3.6)	35.4
7/25/19 23:00	(48.3)	8.0	(0.0)	(42.8)	7/26/19 12:00	52.6	4.0	(9.1)	47.5
7/25/19 23:15	(47.7)	63.3	0.0	34.8	7/26/19 12:15	43.7	4.3	0.5	48.0
7/25/19 23:30	(20.2)	62.6	0.0	57.8	7/26/19 12:30	(31.2)	(4.3)	(3.7)	(37.8)
7/25/19 23:45	(33.2)	42.1	(0.0)	12.9	7/26/19 12:45	58.0	(1.6)	2.9	60.5
7/26/19 0:00	(54.0)	60.4	(0.0)	14.7	7/26/19 13:00	60.0	3.4	1.0	63.2
7/26/19 0:15	(36.4)	30.2	(0.0)	(7.1)	7/26/19 13:15	10.2	(4.1)	(4.1)	7.2
7/26/19 0:30	(28.0)	(9.9)	(0.0)	(37.9)	7/26/19 13:30	56.0	(5.8)	8.0	58.0
7/26/19 0:45	(21.3)	4.4	0.0	(18.6)	7/26/19 13:45	32.7	(8.2)	6.9	30.7
7/26/19 1:00	(36.9)	(25.0)	(0.0)	(60.3)	7/26/19 14:00	(20.4)	(2.9)	15.0	(9.1)
7/26/19 1:15	12.1	6.2	(0.0)	16.1	7/26/19 14:15	30.9	(9.3)	19.4	40.6
7/26/19 1:30	(19.5)	(38.6)	0.0	(58.2)	7/26/19 14:30	40.5	(4.2)	12.1	48.4
7/26/19 1:45	(46.2)	(18.9)	(0.0)	(65.1)	7/26/19 14:45	31.9	(1.8)	(11.4)	21.0
7/26/19 2:00	7.7	(14.7)	0.0	(9.7)	7/26/19 15:00	44.3	4.0	4.5	51.4
7/26/19 2:15	9.5	(8.5)	(0.0)	(5.2)	7/26/19 15:15	20.3	(2.3)	5.5	21.8
7/26/19 2:30	(26.7)	(2.9)	0.0	(27.9)	7/26/19 15:30	(18.0)	(14.0)	(4.9)	(32.1)
7/26/19 2:45	(9.9)	4.6	0.0	10.9	7/26/19 15:45	25.7	(23.8)	(8.8)	(7.4)
7/26/19 3:00	(8.9)	29.9	(0.0)	26.9	7/26/19 16:00	(23.2)	(27.3)	(2.1)	(51.5)
7/26/19 3:15	(13.0)	40.9	0.0	29.7	7/26/19 16:15	(49.2)	(38.0)	(6.0)	(91.1)
7/26/19 3:30	(38.2)	33.8	(0.0)	(7.5)	7/26/19 16:30	(12.2)	(37.7)	37.2	(17.4)
7/26/19 3:45	3.5	15.3	(0.0)	17.2	7/26/19 16:45	(11.1)	(20.3)	21.4	(10.1)
7/26/19 4:00	(5.4)	18.5	0.0	16.4	7/26/19 17:00	(33.5)	(32.1)	3.4	(62.3)
7/26/19 4:15	41.5	28.6	(0.0)	70.1	7/26/19 17:15	(12.7)	(49.3)	10.6	(47.0)
7/26/19 4:30	9.0	23.8	0.0	32.8	7/26/19 17:30	(28.8)	24.0	1.4	(5.4)
7/26/19 4:45	9.7	18.1	(0.0)	27.5	7/26/19 17:45	(21.4)	(20.4)	(12.1)	(51.7)
7/26/19 5:00	(18.6)	37.5	0.0	27.8	7/26/19 18:00	(37.7)	(26.2)	5.5	(60.1)
7/26/19 5:15	35.1	41.2	0.0	76.3	7/26/19 18:15	(59.7)	(71.1)	(10.7)	(140.2)
7/26/19 5:30	23.4	27.9	(0.0)	51.3	7/26/19 18:30	(34.6)	(105.3)	10.0	(131.4)
7/26/19 5:45	(23.5)	25.3	0.0	13.8	7/26/19 18:45	(61.2)	(74.5)	13.5	(122.2)
7/26/19 6:00	36.3	14.8	(0.1)	50.8	7/26/19 19:00	(28.5)	(67.5)	(7.1)	(102.6)
7/26/19 6:15	31.4	11.5	(1.9)	40.0	7/26/19 19:15	(11.8)	(70.8)	11.1	(66.7)
7/26/19 6:30	(38.4)	18.7	(9.4)	(29.7)	7/26/19 19:30	(48.8)	(6.6)	5.6	(43.7)
7/26/19 6:45	47.2	8.9	(14.5)	41.6	7/26/19 19:45	(24.2)	(26.6)	3.8	(38.4)
7/26/19 7:00	37.7	8.4	(16.4)	29.7	7/26/19 20:00	24.9	(75.9)	2.4	(51.5)
7/26/19 7:15	27.0	12.0	(20.9)	20.5	7/26/19 20:15	(16.0)	(43.2)	0.6	(57.1)
7/26/19 7:30	30.0	9.8	(14.5)	29.2	7/26/19 20:30	(17.0)	64.1	(0.0)	47.5
7/26/19 7:45	59.6	9.8	(20.8)	48.6	7/26/19 20:45	(23.9)	145.7	(0.0)	126.1
7/26/19 8:00	48.7	10.0	(6.8)	51.9	7/26/19 21:00	6.8	106.9	0.0	107.2
7/26/19 8:15	28.6	6.0	(10.7)	26.1	7/26/19 21:15	(17.8)	75.5	(0.0)	57.8
7/26/19 8:30	40.8	2.2	(5.6)	37.4	7/26/19 21:30	(74.8)	19.9	(0.0)	(55.1)
7/26/19 8:45	34.5	(1.4)	(4.2)	29.2	7/26/19 21:45	(27.1)	20.5	0.0	(10.4)
7/26/19 9:00	32.1	(7.2)	(3.2)	23.4	7/26/19 22:00	(37.0)	(10.1)	(0.0)	(45.8)
7/26/19 9:15	21.6	(12.8)	(1.9)	13.5	7/26/19 22:15	(55.8)	12.3	(0.0)	(43.6)
7/26/19 9:30	46.8	(20.6)	(0.9)	25.4	7/26/19 22:30	(28.6)	(17.4)	0.0	(45.4)
7/26/19 9:45	35.7	(25.4)	(0.3)	10.0	7/26/19 22:45	(42.2)	15.9	(0.0)	(27.8)
7/26/19 10:00	13.5	(14.9)	5.0	8.2	7/26/19 23:00	(70.8)	(20.7)	0.0	(91.3)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/26/19 23:15	(26.2)	(25.6)	0.0	(51.8)	7/27/19 12:15	47.0	0.5	2.9	48.6
7/26/19 23:30	(38.8)	(6.1)	(0.0)	(42.1)	7/27/19 12:30	21.4	(1.0)	(6.8)	13.8
7/26/19 23:45	(51.9)	86.1	0.0	35.3	7/27/19 12:45	13.2	(8.2)	1.0	5.6
7/27/19 0:00	(47.8)	90.9	(0.0)	43.2	7/27/19 13:00	18.9	4.6	6.0	27.7
7/27/19 0:15	16.1	33.7	(0.0)	38.0	7/27/19 13:15	(19.1)	1.3	3.0	(20.6)
7/27/19 0:30	(31.3)	52.4	(0.0)	21.1	7/27/19 13:30	16.5	(11.8)	(5.9)	(3.4)
7/27/19 0:45	(43.9)	38.8	0.0	(9.1)	7/27/19 13:45	(11.3)	(9.1)	(3.9)	(16.5)
7/27/19 1:00	(11.9)	38.5	0.0	30.5	7/27/19 14:00	20.4	(9.6)	16.3	30.4
7/27/19 1:15	(16.2)	13.3	(0.0)	(10.3)	7/27/19 14:15	52.7	(5.0)	30.3	79.4
7/27/19 1:30	(56.5)	2.9	(0.0)	(55.6)	7/27/19 14:30	38.7	(10.0)	7.4	36.1
7/27/19 1:45	(24.1)	5.8	0.0	(21.0)	7/27/19 14:45	(14.9)	(2.1)	4.1	(16.3)
7/27/19 2:00	10.5	(35.2)	0.0	(35.3)	7/27/19 15:00	3.3	(8.9)	(31.4)	(38.5)
7/27/19 2:15	30.8	(23.6)	(0.0)	9.8	7/27/19 15:15	11.8	(13.8)	12.7	9.9
7/27/19 2:30	(20.2)	13.4	0.0	(7.9)	7/27/19 15:30	32.5	(25.5)	24.5	31.4
7/27/19 2:45	(13.6)	26.8	0.0	13.8	7/27/19 15:45	(12.8)	(17.6)	(5.1)	(30.3)
7/27/19 3:00	(22.4)	13.8	0.0	(9.6)	7/27/19 16:00	(11.1)	(31.4)	6.7	(27.3)
7/27/19 3:15	(25.9)	(16.4)	(0.0)	(42.2)	7/27/19 16:15	20.5	(11.5)	10.0	10.7
7/27/19 3:30	(10.3)	(18.0)	(0.0)	(28.3)	7/27/19 16:30	22.3	(15.4)	21.3	23.7
7/27/19 3:45	(11.2)	(12.1)	(0.0)	(23.3)	7/27/19 16:45	12.2	(62.2)	15.8	(41.2)
7/27/19 4:00	(9.8)	(1.5)	0.0	(9.9)	7/27/19 17:00	4.0	(72.8)	7.9	(64.9)
7/27/19 4:15	(2.8)	1.8	(0.0)	(1.4)	7/27/19 17:15	20.2	(58.1)	9.8	(30.2)
7/27/19 4:30	33.1	1.7	(0.0)	34.6	7/27/19 17:30	10.4	(12.7)	2.3	(6.8)
7/27/19 4:45	10.8	(6.1)	0.0	5.9	7/27/19 17:45	(21.5)	(8.4)	(24.4)	(54.3)
7/27/19 5:00	(20.7)	5.6	(0.0)	(15.2)	7/27/19 18:00	(40.5)	11.1	(10.6)	(41.2)
7/27/19 5:15	(6.7)	9.2	(0.0)	8.1	7/27/19 18:15	7.4	22.9	8.9	34.9
7/27/19 5:30	(7.6)	1.9	0.0	(8.7)	7/27/19 18:30	(33.2)	24.8	(13.0)	(30.0)
7/27/19 5:45	6.1	8.3	(0.0)	12.8	7/27/19 18:45	(37.6)	(96.4)	7.5	(128.9)
7/27/19 6:00	10.0	21.5	0.0	29.6	7/27/19 19:00	(56.0)	22.9	14.7	(45.4)
7/27/19 6:15	17.9	22.8	(0.8)	39.6	7/27/19 19:15	(32.5)	(20.8)	11.8	(34.9)
7/27/19 6:30	(2.1)	(7.2)	(6.5)	(12.9)	7/27/19 19:30	(7.7)	33.2	8.8	33.4
7/27/19 6:45	(20.4)	11.7	(9.6)	(16.7)	7/27/19 19:45	(29.2)	14.0	(0.7)	(26.6)
7/27/19 7:00	(18.2)	13.7	(18.6)	(18.6)	7/27/19 20:00	(30.2)	28.3	1.9	(10.2)
7/27/19 7:15	7.4	21.3	(17.2)	11.6	7/27/19 20:15	(10.9)	9.8	1.7	(5.7)
7/27/19 7:30	25.9	23.6	(23.1)	26.4	7/27/19 20:30	(3.5)	32.9	0.3	29.7
7/27/19 7:45	19.5	21.5	(18.2)	22.8	7/27/19 20:45	(17.2)	55.9	(0.0)	42.0
7/27/19 8:00	26.1	5.3	(11.3)	19.5	7/27/19 21:00	12.9	37.1	(0.0)	44.4
7/27/19 8:15	48.0	(27.4)	2.7	23.2	7/27/19 21:15	(38.9)	74.9	0.0	37.2
7/27/19 8:30	34.8	(41.6)	(10.8)	(17.5)	7/27/19 21:30	(43.9)	53.9	0.0	11.0
7/27/19 8:45	35.0	(33.0)	(1.9)	2.1	7/27/19 21:45	(38.2)	45.8	0.0	15.3
7/27/19 9:00	39.4	8.0	(6.4)	34.5	7/27/19 22:00	(21.9)	15.7	(0.0)	(15.1)
7/27/19 9:15	41.6	57.7	5.2	101.5	7/27/19 22:15	(41.0)	15.8	0.0	(25.3)
7/27/19 9:30	22.1	29.2	(9.6)	42.9	7/27/19 22:30	(63.2)	15.4	(0.0)	(47.8)
7/27/19 9:45	18.8	6.6	(6.7)	17.9	7/27/19 22:45	(23.9)	(4.6)	0.0	(28.1)
7/27/19 10:00	27.8	(6.9)	7.4	28.3	7/27/19 23:00	(49.8)	13.3	(0.0)	(36.5)
7/27/19 10:15	33.9	16.1	(4.9)	44.4	7/27/19 23:15	(64.0)	11.4	0.0	(52.5)
7/27/19 10:30	29.5	15.3	(0.9)	44.6	7/27/19 23:30	(52.1)	5.3	(0.0)	(50.5)
7/27/19 10:45	21.7	6.1	3.1	26.2	7/27/19 23:45	(15.5)	(15.4)	0.0	(27.5)
7/27/19 11:00	76.3	(2.2)	(3.9)	71.4	7/28/19 0:00	(26.4)	6.6	(0.0)	(21.3)
7/27/19 11:15	17.0	(2.0)	(0.9)	17.1	7/28/19 0:15	(21.4)	5.0	(0.0)	(17.8)
7/27/19 11:30	49.8	6.9	2.7	59.4	7/28/19 0:30	(25.7)	(17.4)	(0.0)	(43.1)
7/27/19 11:45	9.6	(2.0)	(3.0)	8.6	7/28/19 0:45	(17.8)	(15.9)	(0.0)	(32.1)
7/27/19 12:00	34.5	(3.2)	7.5	38.6	7/28/19 1:00	(16.5)	(5.8)	0.0	(20.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/28/19 1:15	(67.3)	1.8	(0.0)	(66.9)	7/28/19 14:15	32.1	12.1	18.0	62.3
7/28/19 1:30	(15.8)	(13.9)	0.0	(24.8)	7/28/19 14:30	10.7	15.0	7.6	20.6
7/28/19 1:45	12.8	(23.0)	(0.0)	(16.8)	7/28/19 14:45	34.9	23.7	(13.0)	45.6
7/28/19 2:00	(19.2)	(15.9)	0.0	(35.1)	7/28/19 15:00	33.6	32.5	(7.5)	59.0
7/28/19 2:15	(31.3)	(7.9)	(0.0)	(37.1)	7/28/19 15:15	(15.5)	(4.8)	6.6	(12.9)
7/28/19 2:30	(15.2)	15.5	0.0	9.6	7/28/19 15:30	47.8	25.7	10.1	83.6
7/28/19 2:45	19.9	8.9	0.0	27.3	7/28/19 15:45	32.4	21.2	(15.6)	38.0
7/28/19 3:00	(24.7)	2.3	0.0	(24.4)	7/28/19 16:00	(9.2)	20.0	9.9	27.4
7/28/19 3:15	(40.6)	(9.5)	(0.0)	(50.2)	7/28/19 16:15	41.9	33.9	(6.0)	71.4
7/28/19 3:30	16.2	(13.9)	(0.0)	(13.6)	7/28/19 16:30	26.5	17.6	2.5	46.1
7/28/19 3:45	6.5	(37.2)	0.0	(34.8)	7/28/19 16:45	9.9	22.6	7.1	28.1
7/28/19 4:00	(15.8)	(51.3)	0.0	(67.1)	7/28/19 17:00	35.0	21.2	34.1	89.1
7/28/19 4:15	(16.6)	(37.2)	(0.0)	(50.9)	7/28/19 17:15	18.2	34.8	7.3	54.1
7/28/19 4:30	13.0	(48.0)	0.0	(36.6)	7/28/19 17:30	(10.5)	13.2	7.9	21.1
7/28/19 4:45	20.5	(47.2)	(0.0)	(26.7)	7/28/19 17:45	16.0	30.6	(23.1)	24.6
7/28/19 5:00	9.2	(76.9)	(0.0)	(67.7)	7/28/19 18:00	20.6	24.6	(5.4)	41.1
7/28/19 5:15	18.4	(41.0)	0.0	(46.8)	7/28/19 18:15	(12.2)	12.0	13.9	9.5
7/28/19 5:30	47.3	(23.0)	(0.0)	49.9	7/28/19 18:30	(34.8)	17.5	18.0	9.0
7/28/19 5:45	(5.5)	(9.6)	0.0	(9.7)	7/28/19 18:45	16.7	20.7	34.0	66.7
7/28/19 6:00	(30.4)	12.7	(0.1)	(19.3)	7/28/19 19:00	(10.1)	20.8	9.4	20.5
7/28/19 6:15	17.9	(9.4)	(2.1)	8.9	7/28/19 19:15	(44.9)	18.3	6.8	(23.6)
7/28/19 6:30	20.7	(16.8)	(5.6)	(3.5)	7/28/19 19:30	(17.0)	34.1	11.0	29.2
7/28/19 6:45	(12.8)	(5.7)	(18.6)	(34.0)	7/28/19 19:45	(46.7)	(12.9)	11.3	(44.8)
7/28/19 7:00	47.2	(6.0)	(22.3)	18.9	7/28/19 20:00	(59.0)	(39.4)	4.1	(94.3)
7/28/19 7:15	39.7	(83.3)	(8.1)	(51.6)	7/28/19 20:15	(11.8)	(15.2)	1.1	(22.8)
7/28/19 7:30	(7.8)	(26.2)	(24.1)	(44.0)	7/28/19 20:30	(12.2)	(9.9)	(0.0)	(22.0)
7/28/19 7:45	60.1	22.1	(18.9)	63.3	7/28/19 20:45	(39.2)	(21.5)	(0.0)	(60.7)
7/28/19 8:00	51.9	24.9	(13.2)	63.6	7/28/19 21:00	(26.8)	(38.1)	(0.0)	(64.9)
7/28/19 8:15	(8.7)	14.3	(7.8)	(11.6)	7/28/19 21:15	(4.6)	(41.3)	0.0	(44.1)
7/28/19 8:30	56.6	(58.8)	(4.8)	(7.0)	7/28/19 21:30	(51.3)	(39.1)	0.0	(90.3)
7/28/19 8:45	54.8	(54.7)	3.9	8.6	7/28/19 21:45	(82.5)	(7.7)	(0.0)	(86.7)
7/28/19 9:00	25.2	(46.6)	3.1	(22.5)	7/28/19 22:00	(44.4)	17.9	0.0	(26.6)
7/28/19 9:15	50.4	(135.2)	7.0	(79.9)	7/28/19 22:15	(46.6)	7.4	0.0	(41.9)
7/28/19 9:30	40.7	(16.2)	7.5	28.0	7/28/19 22:30	(76.0)	(13.5)	(0.0)	(89.5)
7/28/19 9:45	13.5	(49.7)	2.7	(44.6)	7/28/19 22:45	(49.4)	(2.6)	0.0	(50.0)
7/28/19 10:00	39.7	30.0	(13.4)	49.7	7/28/19 23:00	(55.4)	6.5	0.0	(49.1)
7/28/19 10:15	47.0	(34.3)	(6.1)	10.4	7/28/19 23:15	(59.9)	9.2	0.0	(50.7)
7/28/19 10:30	21.8	(69.1)	(0.3)	(47.8)	7/28/19 23:30	(73.5)	10.5	0.0	(63.1)
7/28/19 10:45	49.1	(13.3)	(0.4)	35.5	7/28/19 23:45	(42.7)	9.1	(0.0)	(33.6)
7/28/19 11:00	29.9	(11.0)	(0.3)	19.6	7/29/19 0:00	(48.2)	7.7	(0.0)	(40.5)
7/28/19 11:15	29.8	(31.6)	1.8	11.2	7/29/19 0:15	(65.5)	13.4	(0.0)	(52.4)
7/28/19 11:30	41.8	(6.2)	(2.0)	38.7	7/29/19 0:30	48.5	15.4	(0.0)	63.3
7/28/19 11:45	45.6	24.2	7.1	75.3	7/29/19 0:45	(22.1)	11.5	0.0	(14.1)
7/28/19 12:00	15.9	26.2	(4.2)	35.4	7/29/19 1:00	(30.8)	2.0	(0.0)	(29.6)
7/28/19 12:15	36.6	4.4	(3.8)	38.5	7/29/19 1:15	(21.4)	4.7	(0.0)	(18.2)
7/28/19 12:30	24.2	18.4	(2.2)	40.6	7/29/19 1:30	(12.6)	10.6	0.0	7.9
7/28/19 12:45	(5.7)	19.7	(0.3)	18.0	7/29/19 1:45	(22.0)	45.2	(0.0)	23.2
7/28/19 13:00	44.5	18.0	2.3	63.5	7/29/19 2:00	(45.7)	38.3	0.0	(13.0)
7/28/19 13:15	11.0	27.6	3.0	31.1	7/29/19 2:15	(8.6)	29.9	0.0	25.2
7/28/19 13:30	(18.9)	12.0	2.9	(10.5)	7/29/19 2:30	(12.0)	(5.1)	0.0	(16.5)
7/28/19 13:45	29.5	19.5	4.0	50.9	7/29/19 2:45	(34.3)	10.7	0.0	(24.4)
7/28/19 14:00	20.8	31.8	(5.8)	47.3	7/29/19 3:00	(4.8)	20.3	(0.0)	18.5

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/29/19 3:15	8.2	11.4	(0.0)	18.3	7/29/19 16:15	(12.5)	(33.2)	(11.6)	(47.4)
7/29/19 3:30	(22.7)	(9.1)	0.0	(31.3)	7/29/19 16:30	16.3	(17.5)	(3.5)	(22.1)
7/29/19 3:45	7.7	3.6	(0.0)	9.8	7/29/19 16:45	31.9	(12.4)	(3.4)	26.4
7/29/19 4:00	10.5	2.7	0.0	11.9	7/29/19 17:00	6.0	(53.7)	34.7	(13.8)
7/29/19 4:15	11.8	(7.4)	(0.0)	(8.9)	7/29/19 17:15	(13.5)	(87.6)	(12.0)	(96.9)
7/29/19 4:30	(27.2)	4.8	0.0	(26.8)	7/29/19 17:30	23.1	(47.5)	(11.5)	(48.3)
7/29/19 4:45	45.0	21.4	(0.0)	66.4	7/29/19 17:45	8.5	(55.3)	22.7	(30.0)
7/29/19 5:00	11.0	22.3	0.0	33.3	7/29/19 18:00	(10.8)	(53.5)	5.8	(48.8)
7/29/19 5:15	38.0	5.4	(0.0)	40.8	7/29/19 18:15	(50.7)	(54.3)	7.1	(97.0)
7/29/19 5:30	(22.2)	(26.0)	0.0	(47.7)	7/29/19 18:30	13.0	56.8	13.7	75.9
7/29/19 5:45	15.3	(17.4)	(0.0)	(6.0)	7/29/19 18:45	(19.3)	61.9	8.0	50.1
7/29/19 6:00	36.7	(7.5)	(0.1)	29.2	7/29/19 19:00	(51.4)	(10.7)	6.5	(47.8)
7/29/19 6:15	18.4	(27.9)	(1.2)	(20.3)	7/29/19 19:15	(18.6)	(31.2)	5.9	(39.8)
7/29/19 6:30	32.5	(37.9)	(7.7)	(22.0)	7/29/19 19:30	(47.5)	5.4	11.0	(31.1)
7/29/19 6:45	41.6	(24.9)	(13.9)	4.9	7/29/19 19:45	(47.5)	5.4	11.3	(30.9)
7/29/19 7:00	24.5	(23.3)	(18.4)	(17.2)	7/29/19 20:00	(47.5)	5.4	4.1	(38.1)
7/29/19 7:15	(5.2)	(7.5)	(14.7)	(23.4)	7/29/19 20:15	(47.5)	5.4	1.1	(41.0)
7/29/19 7:30	27.0	12.4	(11.2)	28.2	7/29/19 20:30	(47.5)	5.4	(0.0)	(42.2)
7/29/19 7:45	21.9	(23.8)	(27.1)	(36.2)	7/29/19 20:45	(47.5)	5.4	(0.0)	(42.2)
7/29/19 8:00	42.7	(59.4)	(13.5)	(33.0)	7/29/19 21:00	(47.5)	5.4	(0.0)	(42.2)
7/29/19 8:15	38.9	(30.5)	(1.7)	22.0	7/29/19 21:15	(47.5)	5.4	0.0	(42.2)
7/29/19 8:30	28.4	(56.1)	(9.6)	(47.9)	7/29/19 21:30	(47.5)	5.4	0.0	(42.2)
7/29/19 8:45	5.1	(20.4)	(7.0)	(27.1)	7/29/19 21:45	(47.5)	5.4	(0.0)	(42.2)
7/29/19 9:00	35.9	(59.2)	15.7	(7.5)	7/29/19 22:00	(47.5)	5.4	0.0	(42.2)
7/29/19 9:15	27.0	(61.8)	(16.1)	(50.9)	7/29/19 22:15	(47.5)	5.4	0.0	(42.2)
7/29/19 9:30	34.7	(60.9)	7.0	(21.4)	7/29/19 22:30	(47.5)	5.4	(0.0)	(42.1)
7/29/19 9:45	32.2	(24.2)	(10.0)	(3.8)	7/29/19 22:45	(47.6)	5.4	0.0	(42.2)
7/29/19 10:00	68.6	(26.8)	14.0	55.9	7/29/19 23:00	(47.5)	5.4	0.0	(42.2)
7/29/19 10:15	37.0	(25.9)	5.8	29.1	7/29/19 23:15	(38.2)	19.6	0.0	(21.8)
7/29/19 10:30	54.2	(58.3)	(15.6)	(20.4)	7/29/19 23:30	(8.2)	(9.7)	0.0	(15.5)
7/29/19 10:45	(5.1)	(49.3)	(10.3)	(62.9)	7/29/19 23:45	(48.2)	(5.6)	(0.0)	(53.6)
7/29/19 11:00	80.1	8.1	3.4	91.0	7/30/19 0:00	(14.5)	(10.9)	(0.0)	(22.1)
7/29/19 11:15	49.0	19.8	(3.6)	65.3	7/30/19 0:15	(29.8)	26.4	(0.0)	(21.0)
7/29/19 11:30	29.3	25.2	(0.6)	54.0	7/30/19 0:30	(49.0)	86.3	(0.0)	37.3
7/29/19 11:45	42.6	29.1	2.4	74.1	7/30/19 0:45	(19.8)	37.8	0.0	19.8
7/29/19 12:00	36.3	26.8	(2.5)	62.5	7/30/19 1:00	(47.8)	(5.5)	(0.0)	(52.9)
7/29/19 12:15	30.6	21.7	6.8	58.7	7/30/19 1:15	23.0	16.2	(0.0)	29.9
7/29/19 12:30	26.2	22.3	(5.8)	42.7	7/30/19 1:30	(47.9)	26.2	0.0	(21.7)
7/29/19 12:45	63.8	38.8	3.5	104.4	7/30/19 1:45	7.5	11.1	(0.0)	13.6
7/29/19 13:00	42.0	26.0	(0.8)	67.9	7/30/19 2:00	(13.4)	(3.5)	0.0	(15.3)
7/29/19 13:15	24.8	31.0	(1.9)	53.0	7/30/19 2:15	(19.1)	(9.6)	0.0	(28.7)
7/29/19 13:30	43.9	32.6	9.3	85.7	7/30/19 2:30	(46.1)	12.9	0.0	(39.6)
7/29/19 13:45	30.2	35.7	4.1	68.4	7/30/19 2:45	13.3	17.4	0.0	29.5
7/29/19 14:00	(16.1)	27.5	(12.2)	17.4	7/30/19 3:00	(5.8)	(12.6)	(0.0)	(13.4)
7/29/19 14:15	(15.0)	23.0	4.7	17.0	7/30/19 3:15	(57.6)	108.4	(0.0)	50.8
7/29/19 14:30	(11.7)	(21.1)	6.1	(25.9)	7/30/19 3:30	19.5	33.1	0.0	44.9
7/29/19 14:45	25.5	(4.7)	2.2	22.3	7/30/19 3:45	6.0	(4.7)	(0.0)	6.7
7/29/19 15:00	36.0	(17.5)	(6.4)	14.8	7/30/19 4:00	(12.0)	(10.4)	0.0	(14.7)
7/29/19 15:15	6.7	(27.7)	(3.9)	(24.9)	7/30/19 4:15	18.3	18.2	(0.0)	30.5
7/29/19 15:30	26.3	(19.4)	(3.7)	15.1	7/30/19 4:30	20.2	(24.9)	0.0	(15.8)
7/29/19 15:45	38.6	(12.4)	10.4	40.4	7/30/19 4:45	10.7	18.6	(0.0)	23.5
7/29/19 16:00	40.2	(38.7)	10.3	12.0	7/30/19 5:00	(27.2)	15.3	0.0	(12.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/30/19 5:15	59.8	(48.3)	(0.0)	14.9	7/30/19 18:15	(70.9)	11.6	1.4	(69.8)
7/30/19 5:30	34.5	(25.4)	0.0	23.7	7/30/19 18:30	(86.8)	(31.6)	(1.9)	(120.2)
7/30/19 5:45	(39.6)	(40.2)	(0.0)	(76.6)	7/30/19 18:45	(9.7)	(30.0)	6.3	(33.5)
7/30/19 6:00	20.2	(13.0)	(0.1)	10.2	7/30/19 19:00	(38.7)	61.8	2.5	25.9
7/30/19 6:15	31.9	(54.1)	(1.0)	(23.1)	7/30/19 19:15	(22.9)	(11.0)	1.8	(28.8)
7/30/19 6:30	13.8	(13.4)	(6.8)	(4.4)	7/30/19 19:30	(59.1)	58.5	1.2	9.4
7/30/19 6:45	21.7	37.1	(8.9)	41.6	7/30/19 19:45	(11.1)	22.5	0.9	15.6
7/30/19 7:00	63.7	21.4	(17.1)	68.0	7/30/19 20:00	(10.1)	(43.1)	1.0	(50.0)
7/30/19 7:15	46.3	43.2	(19.6)	70.0	7/30/19 20:15	(33.0)	(171.8)	0.1	(204.7)
7/30/19 7:30	(10.8)	74.1	(17.8)	49.6	7/30/19 20:30	26.9	(54.6)	(0.0)	(35.2)
7/30/19 7:45	50.2	89.3	(18.1)	119.9	7/30/19 20:45	(13.4)	(13.2)	(0.0)	(25.8)
7/30/19 8:00	45.2	79.8	(15.7)	109.3	7/30/19 21:00	(18.8)	(21.7)	(0.0)	(40.5)
7/30/19 8:15	17.7	72.3	(5.7)	80.3	7/30/19 21:15	(20.5)	(19.9)	0.0	(36.5)
7/30/19 8:30	(16.6)	32.3	(7.5)	19.1	7/30/19 21:30	(44.5)	12.6	0.0	(33.0)
7/30/19 8:45	41.8	20.6	(6.0)	56.4	7/30/19 21:45	(44.5)	7.5	(0.0)	(37.5)
7/30/19 9:00	32.7	18.6	(0.7)	51.0	7/30/19 22:00	(96.7)	29.1	0.0	(67.6)
7/30/19 9:15	(8.8)	21.0	1.1	13.6	7/30/19 22:15	(46.2)	17.7	0.0	(28.5)
7/30/19 9:30	33.6	12.8	(0.7)	45.9	7/30/19 22:30	(49.7)	79.1	(0.0)	31.4
7/30/19 9:45	40.0	4.8	(4.8)	40.0	7/30/19 22:45	(55.1)	98.9	0.0	43.8
7/30/19 10:00	54.9	24.6	(1.3)	78.4	7/30/19 23:00	(28.9)	10.7	0.1	(25.0)
7/30/19 10:15	43.4	49.1	1.2	92.8	7/30/19 23:15	(54.5)	16.6	0.0	(37.9)
7/30/19 10:30	55.5	41.6	(1.5)	96.8	7/30/19 23:30	(82.3)	7.6	(0.0)	(74.7)
7/30/19 10:45	36.6	23.4	2.6	61.6	7/30/19 23:45	(29.1)	14.7	(0.0)	(14.4)
7/30/19 11:00	62.6	17.7	(5.1)	75.2	7/31/19 0:00	(29.4)	1.4	(0.0)	(28.3)
7/30/19 11:15	32.3	23.5	2.6	58.4	7/31/19 0:15	(30.4)	(14.6)	(0.0)	(45.1)
7/30/19 11:30	32.5	15.4	6.1	50.9	7/31/19 0:30	(25.1)	(31.1)	(0.0)	(56.0)
7/30/19 11:45	37.1	11.2	(5.4)	43.7	7/31/19 0:45	(33.8)	19.5	0.0	(14.2)
7/30/19 12:00	44.3	(4.6)	(3.3)	38.5	7/31/19 1:00	(25.9)	25.4	(0.0)	(4.3)
7/30/19 12:15	32.8	9.4	1.4	42.0	7/31/19 1:15	(41.1)	(5.9)	(0.0)	(45.1)
7/30/19 12:30	(7.0)	7.6	6.4	10.8	7/31/19 1:30	(12.8)	(1.6)	0.0	(13.6)
7/30/19 12:45	50.1	(10.8)	3.3	41.4	7/31/19 1:45	(9.4)	(8.6)	(0.0)	(18.0)
7/30/19 13:00	21.6	(15.3)	(4.0)	(8.5)	7/31/19 2:00	(52.0)	8.1	0.0	(44.5)
7/30/19 13:15	34.9	(8.6)	5.4	33.7	7/31/19 2:15	(22.9)	42.5	0.0	19.6
7/30/19 13:30	28.7	(6.9)	8.8	30.5	7/31/19 2:30	(18.0)	27.6	0.0	12.4
7/30/19 13:45	25.5	7.1	16.1	48.3	7/31/19 2:45	(29.0)	13.6	0.0	(15.4)
7/30/19 14:00	24.0	13.0	6.0	41.8	7/31/19 3:00	(16.3)	23.7	0.0	13.9
7/30/19 14:15	47.7	(23.4)	2.6	26.9	7/31/19 3:15	(8.3)	16.4	(0.0)	14.3
7/30/19 14:30	28.3	(18.5)	4.3	15.1	7/31/19 3:30	(9.7)	(6.9)	0.0	(16.4)
7/30/19 14:45	7.0	(27.9)	(7.5)	(29.8)	7/31/19 3:45	(6.9)	(24.4)	0.0	(27.4)
7/30/19 15:00	41.6	(41.4)	(13.8)	(16.1)	7/31/19 4:00	(31.7)	62.9	0.0	37.2
7/30/19 15:15	48.3	(61.5)	(9.9)	(22.7)	7/31/19 4:15	50.8	14.0	(0.0)	64.8
7/30/19 15:30	21.3	(72.6)	14.2	(38.0)	7/31/19 4:30	16.5	10.6	0.0	27.1
7/30/19 15:45	33.8	(38.0)	3.6	(24.1)	7/31/19 4:45	(30.8)	(10.1)	0.0	(40.4)
7/30/19 16:00	36.6	(18.2)	(4.4)	20.1	7/31/19 5:00	46.1	(17.4)	(0.0)	28.7
7/30/19 16:15	20.8	(23.1)	10.2	9.5	7/31/19 5:15	41.9	(76.5)	(0.0)	(34.6)
7/30/19 16:30	(25.6)	(34.4)	29.0	(32.4)	7/31/19 5:30	15.6	(7.2)	(0.0)	8.6
7/30/19 16:45	(9.9)	(87.0)	12.0	(92.6)	7/31/19 5:45	(15.5)	(9.5)	(0.0)	(15.5)
7/30/19 17:00	(33.5)	(19.2)	24.3	(32.2)	7/31/19 6:00	39.0	(46.6)	(0.0)	(8.2)
7/30/19 17:15	(66.9)	(28.8)	12.6	(86.8)	7/31/19 6:15	44.0	(30.9)	(0.8)	12.4
7/30/19 17:30	(27.1)	(54.1)	(13.2)	(91.5)	7/31/19 6:30	(13.8)	38.6	(7.6)	20.7
7/30/19 17:45	(24.3)	14.6	9.2	(17.9)	7/31/19 6:45	53.9	49.9	(10.5)	93.3
7/30/19 18:00	(50.0)	53.8	25.8	30.3	7/31/19 7:00	54.2	34.6	(16.2)	72.6

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
7/31/19 7:15	28.2	20.8	(14.9)	31.1	7/31/19 20:15	(40.6)	30.2	0.1	(13.1)
7/31/19 7:30	30.6	25.1	1.5	49.4	7/31/19 20:30	(32.0)	43.5	(0.0)	11.9
7/31/19 7:45	44.1	1.7	(34.1)	17.3	7/31/19 20:45	(26.3)	(24.4)	(0.0)	(48.1)
7/31/19 8:00	20.7	29.3	(23.3)	35.0	7/31/19 21:00	(32.3)	39.6	0.0	9.8
7/31/19 8:15	21.6	55.0	3.4	74.8	7/31/19 21:15	(51.5)	66.1	0.0	17.0
7/31/19 8:30	8.2	31.8	(2.6)	37.2	7/31/19 21:30	(51.9)	(56.6)	(0.0)	(108.5)
7/31/19 8:45	47.7	8.6	(4.7)	53.3	7/31/19 21:45	(55.0)	23.8	0.0	(34.7)
7/31/19 9:00	41.0	(10.6)	(18.0)	12.4	7/31/19 22:00	(17.1)	3.4	0.0	(14.2)
7/31/19 9:15	38.4	(10.5)	(3.2)	25.2	7/31/19 22:15	(32.1)	9.0	(0.0)	(26.2)
7/31/19 9:30	35.6	11.2	(1.5)	45.4	7/31/19 22:30	(62.0)	58.0	0.0	(3.9)
7/31/19 9:45	42.2	27.3	0.8	70.0	7/31/19 22:45	(60.5)	35.6	0.0	(24.8)
7/31/19 10:00	25.0	(7.8)	(0.8)	18.7	7/31/19 23:00	(53.5)	38.1	0.0	(15.4)
7/31/19 10:15	29.7	7.6	8.9	44.2	7/31/19 23:15	(45.8)	(3.8)	(0.0)	(46.5)
7/31/19 10:30	37.6	6.8	(2.8)	41.8	7/31/19 23:30	(56.6)	(28.2)	0.0	(84.7)
7/31/19 10:45	13.9	5.9	1.8	21.6	7/31/19 23:45	(34.9)	(76.1)	0.0	(111.0)
7/31/19 11:00	31.0	2.4	6.1	39.5	8/1/19 0:00	(25.3)	(66.6)	(0.0)	(91.7)
7/31/19 11:15	27.6	4.1	(6.4)	26.7	8/1/19 0:15	(14.3)	28.5	(0.0)	16.0
7/31/19 11:30	33.2	23.9	(9.6)	47.6	8/1/19 0:30	(31.3)	53.4	(0.0)	23.5
7/31/19 11:45	19.4	26.4	2.0	47.5	8/1/19 0:45	(26.1)	(93.9)	0.0	(120.0)
7/31/19 12:00	27.3	19.9	(3.6)	43.6	8/1/19 1:00	(22.0)	(38.3)	(0.0)	(56.7)
7/31/19 12:15	19.5	12.5	0.1	32.1	8/1/19 1:15	(22.2)	6.7	0.0	(17.9)
7/31/19 12:30	38.5	22.9	0.2	61.5	8/1/19 1:30	(19.9)	15.9	(0.0)	(15.8)
7/31/19 12:45	38.9	12.4	0.5	51.7	8/1/19 1:45	(22.5)	44.9	0.0	22.4
7/31/19 13:00	41.0	8.7	1.0	50.6	8/1/19 2:00	(22.8)	78.4	(0.0)	55.6
7/31/19 13:15	36.0	7.1	(1.1)	42.0	8/1/19 2:15	(27.7)	99.0	(0.0)	71.3
7/31/19 13:30	(4.9)	(3.2)	0.9	(5.3)	8/1/19 2:30	(15.9)	35.2	0.0	24.9
7/31/19 13:45	56.1	1.9	0.6	57.1	8/1/19 2:45	(12.9)	20.5	0.0	14.1
7/31/19 14:00	45.4	(5.4)	9.2	50.9	8/1/19 3:00	(6.6)	53.5	0.0	46.9
7/31/19 14:15	26.2	(18.1)	9.4	17.5	8/1/19 3:15	(11.9)	30.7	0.0	18.8
7/31/19 14:30	30.1	(30.0)	10.6	10.7	8/1/19 3:30	(8.1)	17.1	(0.0)	9.0
7/31/19 14:45	46.0	(9.0)	13.2	51.1	8/1/19 3:45	(4.2)	30.6	(0.0)	26.4
7/31/19 15:00	28.0	2.3	0.7	30.0	8/1/19 4:00	(2.9)	31.6	0.0	29.8
7/31/19 15:15	31.8	(2.7)	(12.9)	18.1	8/1/19 4:15	7.7	25.7	(0.0)	33.4
7/31/19 15:30	18.7	(5.0)	(16.7)	(7.9)	8/1/19 4:30	7.9	(6.6)	0.0	1.5
7/31/19 15:45	17.5	(17.7)	33.8	33.6	8/1/19 4:45	8.8	6.0	(0.0)	13.8
7/31/19 16:00	6.0	(18.7)	4.4	(14.8)	8/1/19 5:00	21.9	(41.8)	(0.0)	(19.9)
7/31/19 16:15	4.7	8.4	7.6	15.4	8/1/19 5:15	29.1	(51.3)	0.0	(23.7)
7/31/19 16:30	11.0	(18.4)	(2.0)	(13.7)	8/1/19 5:30	(4.6)	(22.9)	(0.0)	(24.1)
7/31/19 16:45	(8.8)	6.9	(22.2)	(27.2)	8/1/19 5:45	(32.0)	(4.9)	0.0	(36.9)
7/31/19 17:00	8.4	(84.7)	6.9	(72.0)	8/1/19 6:00	43.5	(17.3)	0.0	26.3
7/31/19 17:15	(8.2)	(115.2)	18.1	(104.9)	8/1/19 6:15	50.8	9.8	(0.4)	60.2
7/31/19 17:30	(12.4)	(44.4)	2.8	(55.4)	8/1/19 6:30	45.5	(1.3)	(4.4)	40.1
7/31/19 17:45	(19.0)	49.2	8.5	38.0	8/1/19 6:45	42.1	3.1	(6.7)	38.0
7/31/19 18:00	(32.3)	25.5	7.3	(29.2)	8/1/19 7:00	17.5	9.4	(18.1)	11.7
7/31/19 18:15	(30.2)	(96.5)	6.2	(121.0)	8/1/19 7:15	15.2	14.1	(26.8)	6.3
7/31/19 18:30	(35.6)	(56.7)	7.4	(84.9)	8/1/19 7:30	42.4	10.8	5.8	55.5
7/31/19 18:45	(35.2)	(29.7)	16.2	(48.4)	8/1/19 7:45	27.6	9.5	(11.7)	25.4
7/31/19 19:00	(45.1)	(90.6)	24.4	(111.3)	8/1/19 8:00	30.1	13.6	(4.7)	41.8
7/31/19 19:15	(29.1)	(10.5)	6.9	(24.6)	8/1/19 8:15	26.2	14.2	(8.1)	38.4
7/31/19 19:30	(36.8)	19.3	1.7	(16.3)	8/1/19 8:30	55.2	3.8	(21.9)	45.3
7/31/19 19:45	(49.2)	21.3	1.6	(27.4)	8/1/19 8:45	15.1	3.9	(29.0)	(13.0)
7/31/19 20:00	(47.4)	(7.6)	1.3	(50.8)	8/1/19 9:00	17.2	3.9	9.2	24.1

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/1/19 9:15	68.3	(3.0)	3.5	68.3	8/1/19 22:15	(45.4)	(113.1)	(0.0)	(158.5)
8/1/19 9:30	(3.7)	3.0	2.6	5.3	8/1/19 22:30	(59.8)	(94.9)	0.0	(154.7)
8/1/19 9:45	51.7	2.7	2.1	56.5	8/1/19 22:45	(48.9)	(65.8)	(0.0)	(112.2)
8/1/19 10:00	38.7	8.9	7.1	53.3	8/1/19 23:00	(33.8)	89.8	(0.0)	56.0
8/1/19 10:15	38.6	(4.0)	(11.0)	23.7	8/1/19 23:15	(43.0)	40.0	0.0	(11.0)
8/1/19 10:30	(33.0)	45.4	(3.3)	28.5	8/1/19 23:30	(28.6)	56.7	0.0	31.5
8/1/19 10:45	(51.4)	48.0	1.7	16.4	8/1/19 23:45	(42.0)	108.7	0.0	66.7
8/1/19 11:00	59.4	(1.8)	3.1	61.4	8/2/19 0:00	(58.3)	51.2	(0.0)	(13.1)
8/1/19 11:15	49.8	(1.9)	(2.5)	46.4	8/2/19 0:15	10.7	28.1	(0.0)	29.7
8/1/19 11:30	3.1	1.2	(2.4)	1.6	8/2/19 0:30	(28.6)	28.0	(0.0)	(1.9)
8/1/19 11:45	32.5	5.2	(6.4)	31.2	8/2/19 0:45	(45.9)	14.8	0.0	(32.3)
8/1/19 12:00	28.5	7.5	(3.7)	32.3	8/2/19 1:00	44.2	3.0	(0.0)	46.7
8/1/19 12:15	48.4	5.6	2.1	54.2	8/2/19 1:15	(16.8)	14.4	(0.0)	(6.6)
8/1/19 12:30	61.6	(3.5)	(2.0)	56.3	8/2/19 1:30	(56.2)	26.1	0.0	(30.7)
8/1/19 12:45	43.1	(5.4)	5.0	42.0	8/2/19 1:45	(7.5)	4.6	(0.0)	(7.6)
8/1/19 13:00	12.8	(3.6)	(6.0)	5.8	8/2/19 2:00	(11.0)	(17.6)	0.1	(24.7)
8/1/19 13:15	56.8	(2.8)	(2.7)	51.4	8/2/19 2:15	(23.1)	(29.9)	0.0	(53.0)
8/1/19 13:30	13.5	(6.4)	(13.7)	(7.6)	8/2/19 2:30	(33.3)	(19.9)	0.0	(49.6)
8/1/19 13:45	(24.7)	(8.6)	5.4	(28.2)	8/2/19 2:45	21.3	(13.7)	0.0	7.7
8/1/19 14:00	6.9	(8.2)	13.4	12.1	8/2/19 3:00	8.0	(20.8)	(0.0)	(13.9)
8/1/19 14:15	(10.9)	(14.3)	33.9	17.3	8/2/19 3:15	(17.2)	(40.9)	0.0	(58.1)
8/1/19 14:30	(25.0)	(23.1)	11.0	(39.0)	8/2/19 3:30	11.1	(28.2)	0.0	(18.6)
8/1/19 14:45	13.1	(42.7)	(2.6)	(30.6)	8/2/19 3:45	(3.5)	(29.1)	(0.0)	(31.6)
8/1/19 15:00	12.5	(84.2)	(5.9)	(75.0)	8/2/19 4:00	(12.1)	(10.9)	0.0	(21.5)
8/1/19 15:15	24.4	(99.9)	(8.0)	(83.5)	8/2/19 4:15	26.3	(3.6)	(0.0)	23.2
8/1/19 15:30	(24.2)	(32.9)	31.2	(25.2)	8/2/19 4:30	8.6	(8.0)	0.0	(4.6)
8/1/19 15:45	(7.1)	20.3	14.1	30.5	8/2/19 4:45	7.2	(19.4)	(0.0)	(21.1)
8/1/19 16:00	9.6	(56.5)	(17.1)	(73.3)	8/2/19 5:00	33.3	1.8	(0.0)	34.8
8/1/19 16:15	(18.0)	(22.9)	8.2	(27.0)	8/2/19 5:15	46.5	5.2	(0.0)	51.2
8/1/19 16:30	(36.4)	73.0	7.0	38.3	8/2/19 5:30	(13.4)	(4.5)	0.0	(10.8)
8/1/19 16:45	(12.4)	(92.3)	(20.4)	(124.2)	8/2/19 5:45	46.9	(10.9)	(0.0)	37.2
8/1/19 17:00	(15.0)	(128.8)	25.5	(124.0)	8/2/19 6:00	20.4	(23.5)	(0.0)	(9.4)
8/1/19 17:15	(33.6)	(43.4)	30.7	(47.3)	8/2/19 6:15	29.8	(9.0)	(0.6)	21.5
8/1/19 17:30	25.3	126.7	(42.6)	107.8	8/2/19 6:30	23.3	59.8	(5.3)	73.6
8/1/19 17:45	(8.6)	22.4	4.6	26.0	8/2/19 6:45	(19.9)	47.7	(14.0)	31.9
8/1/19 18:00	(27.8)	66.0	5.2	44.0	8/2/19 7:00	(10.5)	28.3	(17.3)	17.5
8/1/19 18:15	(46.0)	(38.6)	28.7	(55.3)	8/2/19 7:15	12.6	34.8	(21.1)	21.8
8/1/19 18:30	12.9	(21.6)	10.2	37.8	8/2/19 7:30	41.4	19.8	(11.8)	49.5
8/1/19 18:45	(12.4)	(25.5)	2.8	(31.9)	8/2/19 7:45	31.6	13.5	(9.4)	35.2
8/1/19 19:00	(44.5)	(146.8)	3.9	(187.4)	8/2/19 8:00	25.7	30.4	(12.8)	42.0
8/1/19 19:15	11.5	(107.1)	1.9	(104.1)	8/2/19 8:15	13.7	25.7	(10.6)	28.7
8/1/19 19:30	(12.8)	(95.4)	1.5	(104.1)	8/2/19 8:30	47.8	10.8	(9.9)	48.6
8/1/19 19:45	(39.5)	152.3	0.0	112.8	8/2/19 8:45	9.3	5.0	(13.9)	(15.9)
8/1/19 20:00	(38.0)	196.0	0.2	158.2	8/2/19 9:00	43.2	(4.4)	(1.5)	38.5
8/1/19 20:15	27.2	141.0	0.3	167.5	8/2/19 9:15	40.3	3.1	(3.5)	38.6
8/1/19 20:30	(2.7)	43.0	(0.0)	42.5	8/2/19 9:30	10.8	(8.3)	0.9	8.6
8/1/19 20:45	(31.0)	7.9	(0.0)	(28.6)	8/2/19 9:45	62.2	9.1	1.9	72.3
8/1/19 21:00	(39.1)	(29.6)	(0.0)	(67.7)	8/2/19 10:00	40.4	8.9	(2.5)	48.2
8/1/19 21:15	(20.4)	38.6	0.0	23.4	8/2/19 10:15	18.0	5.2	(1.4)	21.2
8/1/19 21:30	(37.6)	6.4	(0.0)	(37.1)	8/2/19 10:30	47.7	11.4	7.6	65.0
8/1/19 21:45	(64.4)	6.9	0.0	(60.9)	8/2/19 10:45	39.2	3.8	(4.6)	38.8
8/1/19 22:00	(47.6)	(42.4)	0.0	(90.0)	8/2/19 11:00	26.8	1.7	(5.2)	25.1

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	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/2/19 11:15	20.8	7.1	(0.3)	27.4	8/3/19 0:15	(44.2)	8.8	(0.0)	(35.4)
8/2/19 11:30	43.9	13.2	0.1	57.2	8/3/19 0:30	(34.7)	19.2	(0.0)	(21.0)
8/2/19 11:45	36.3	4.3	(0.1)	40.5	8/3/19 0:45	(24.3)	8.6	0.0	(18.0)
8/2/19 12:00	10.0	(1.7)	0.8	9.2	8/3/19 1:00	(37.2)	2.6	(0.0)	(34.6)
8/2/19 12:15	39.1	3.0	2.1	42.3	8/3/19 1:15	(48.9)	2.9	(0.0)	(46.7)
8/2/19 12:30	33.8	2.7	(2.4)	34.6	8/3/19 1:30	11.6	0.6	(0.0)	12.1
8/2/19 12:45	15.1	(5.2)	0.7	10.0	8/3/19 1:45	(22.6)	(9.1)	0.0	(31.8)
8/2/19 13:00	46.6	(10.3)	(0.7)	35.7	8/3/19 2:00	(35.8)	(9.2)	(0.0)	(45.0)
8/2/19 13:15	27.6	(9.2)	0.3	18.6	8/3/19 2:15	9.3	4.4	(0.0)	10.2
8/2/19 13:30	11.1	(9.4)	0.7	(13.6)	8/3/19 2:30	(14.4)	13.0	0.0	(2.1)
8/2/19 13:45	30.1	(23.0)	1.0	13.9	8/3/19 2:45	(48.2)	7.0	0.0	(41.2)
8/2/19 14:00	32.3	(25.1)	(1.0)	6.4	8/3/19 3:00	(12.3)	5.2	(0.0)	15.9
8/2/19 14:15	18.6	(26.2)	1.9	(12.3)	8/3/19 3:15	12.6	6.7	0.0	18.5
8/2/19 14:30	31.5	(36.2)	(0.5)	(8.5)	8/3/19 3:30	(38.2)	1.3	(0.0)	(36.9)
8/2/19 14:45	33.7	(27.2)	11.7	20.0	8/3/19 3:45	(18.4)	3.3	(0.0)	(16.1)
8/2/19 15:00	18.8	(21.6)	4.9	(22.8)	8/3/19 4:00	14.0	0.8	0.0	14.8
8/2/19 15:15	26.6	(29.9)	(5.3)	(27.8)	8/3/19 4:15	12.9	3.1	0.0	15.1
8/2/19 15:30	16.5	(21.4)	2.6	(10.3)	8/3/19 4:30	(44.6)	5.4	0.0	(39.2)
8/2/19 15:45	9.7	(20.3)	18.2	7.6	8/3/19 4:45	(7.3)	4.9	(0.0)	(5.6)
8/2/19 16:00	18.7	(6.5)	24.0	37.4	8/3/19 5:00	8.8	(0.9)	0.0	8.4
8/2/19 16:15	18.7	(6.3)	24.2	29.8	8/3/19 5:15	15.4	4.1	(0.0)	19.5
8/2/19 16:30	(19.7)	(14.9)	19.4	(26.2)	8/3/19 5:30	4.5	4.5	0.0	8.7
8/2/19 16:45	(55.5)	(25.6)	(1.7)	(82.9)	8/3/19 5:45	20.5	1.7	0.0	21.9
8/2/19 17:00	5.2	(7.1)	(8.2)	(14.5)	8/3/19 6:00	8.3	(3.3)	(0.0)	(9.8)
8/2/19 17:15	5.6	8.6	(3.9)	10.4	8/3/19 6:15	14.2	1.7	(0.6)	14.5
8/2/19 17:30	14.0	4.4	17.2	34.5	8/3/19 6:30	(20.7)	1.4	(5.2)	(25.7)
8/2/19 17:45	(4.9)	21.9	5.8	26.7	8/3/19 6:45	39.4	(3.0)	(9.1)	27.8
8/2/19 18:00	(35.8)	39.4	6.8	12.2	8/3/19 7:00	27.5	1.2	(17.5)	11.1
8/2/19 18:15	(10.1)	36.6	(2.2)	29.4	8/3/19 7:15	16.3	(2.6)	(19.7)	(12.4)
8/2/19 18:30	(23.3)	21.5	2.9	8.3	8/3/19 7:30	40.3	3.6	(22.9)	21.2
8/2/19 18:45	(18.0)	8.7	5.4	(9.2)	8/3/19 7:45	35.8	7.4	(17.8)	25.5
8/2/19 19:00	(38.5)	12.1	2.5	(24.6)	8/3/19 8:00	14.2	4.8	(15.2)	9.2
8/2/19 19:15	(30.6)	4.9	(1.2)	(25.8)	8/3/19 8:15	14.1	(2.4)	(8.7)	(7.3)
8/2/19 19:30	(52.4)	18.0	6.3	(28.0)	8/3/19 8:30	51.3	(5.2)	(5.4)	40.7
8/2/19 19:45	(48.5)	7.7	2.6	(39.0)	8/3/19 8:45	60.9	(4.5)	(4.6)	51.8
8/2/19 20:00	(13.0)	2.1	1.0	(11.4)	8/3/19 9:00	47.5	(3.8)	(2.2)	41.5
8/2/19 20:15	(12.6)	(3.6)	0.2	(16.0)	8/3/19 9:15	8.8	(1.1)	(2.3)	(8.3)
8/2/19 20:30	(26.6)	5.9	(0.0)	(22.3)	8/3/19 9:30	62.0	(3.4)	(1.0)	57.7
8/2/19 20:45	(7.3)	(4.6)	0.0	(9.9)	8/3/19 9:45	41.0	1.6	(0.9)	41.8
8/2/19 21:00	(28.3)	(2.7)	0.0	(29.5)	8/3/19 10:00	24.4	(3.3)	2.5	23.0
8/2/19 21:15	(60.9)	(7.6)	(0.0)	(68.5)	8/3/19 10:15	57.4	(3.5)	(2.9)	52.5
8/2/19 21:30	(21.2)	(3.2)	0.0	(22.5)	8/3/19 10:30	40.6	2.3	(1.0)	42.5
8/2/19 21:45	(41.9)	0.8	(0.0)	(41.2)	8/3/19 10:45	17.7	(4.2)	(1.3)	15.5
8/2/19 22:00	(74.8)	(2.6)	(0.0)	(77.4)	8/3/19 11:00	31.6	(8.5)	(0.0)	23.0
8/2/19 22:15	(18.2)	(3.1)	(0.0)	(19.3)	8/3/19 11:15	67.4	(15.8)	0.3	51.9
8/2/19 22:30	(50.2)	14.5	0.0	(35.7)	8/3/19 11:30	32.1	1.6	(0.2)	33.1
8/2/19 22:45	(78.8)	(4.3)	0.0	(81.0)	8/3/19 11:45	39.1	(2.4)	0.3	37.7
8/2/19 23:00	(30.6)	4.9	0.0	(32.4)	8/3/19 12:00	45.3	3.0	(0.2)	48.1
8/2/19 23:15	(22.3)	32.0	0.0	12.5	8/3/19 12:15	20.4	5.0	(0.1)	25.2
8/2/19 23:30	(60.5)	10.2	(0.0)	(50.3)	8/3/19 12:30	25.5	10.4	8.2	43.4
8/2/19 23:45	(40.6)	11.7	0.0	(32.4)	8/3/19 12:45	60.5	2.6	14.5	77.6
8/3/19 0:00	(30.4)	12.4	(0.0)	(21.6)	8/3/19 13:00	32.0	(1.4)	(1.1)	30.0

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	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/3/19 13:15	(21.7)	2.7	(1.7)	(19.4)	8/4/19 2:15	(9.8)	64.2	0.0	62.4
8/3/19 13:30	58.2	(1.6)	8.5	65.4	8/4/19 2:30	(15.6)	26.5	0.0	12.5
8/3/19 13:45	34.2	(2.9)	4.2	31.9	8/4/19 2:45	(48.2)	9.9	(0.0)	(38.3)
8/3/19 14:00	13.4	(0.7)	(16.9)	(18.7)	8/4/19 3:00	8.4	7.8	(0.0)	11.6
8/3/19 14:15	59.5	(1.9)	(10.1)	48.5	8/4/19 3:15	(7.0)	32.9	0.0	26.8
8/3/19 14:30	(20.8)	(10.1)	15.9	(15.3)	8/4/19 3:30	(40.8)	25.9	0.0	(14.9)
8/3/19 14:45	(7.6)	(15.8)	11.8	(11.1)	8/4/19 3:45	13.2	16.8	(0.0)	25.3
8/3/19 15:00	20.4	(14.7)	3.4	11.4	8/4/19 4:00	(10.1)	15.9	0.0	7.3
8/3/19 15:15	31.6	7.9	12.7	51.4	8/4/19 4:15	(52.1)	46.6	0.0	(13.7)
8/3/19 15:30	31.1	15.4	6.0	52.5	8/4/19 4:30	13.3	36.0	0.0	46.8
8/3/19 15:45	27.4	4.9	6.6	38.9	8/4/19 4:45	(6.9)	27.1	(0.0)	22.5
8/3/19 16:00	21.5	5.7	(7.0)	20.2	8/4/19 5:00	(30.3)	18.5	0.0	(17.4)
8/3/19 16:15	36.0	8.5	29.3	73.8	8/4/19 5:15	31.9	18.8	(0.0)	50.4
8/3/19 16:30	27.2	(6.0)	12.7	33.9	8/4/19 5:30	1.6	11.6	0.0	12.5
8/3/19 16:45	20.4	(9.6)	5.7	17.1	8/4/19 5:45	(36.6)	11.0	(0.0)	(26.5)
8/3/19 17:00	(18.7)	(15.9)	1.2	(29.2)	8/4/19 6:00	12.4	1.3	(0.0)	12.3
8/3/19 17:15	29.9	(16.0)	6.6	20.5	8/4/19 6:15	2.1	(1.8)	(0.5)	(1.6)
8/3/19 17:30	4.2	(10.2)	5.0	(3.3)	8/4/19 6:30	(54.2)	7.7	(2.6)	(49.2)
8/3/19 17:45	(13.6)	(26.2)	2.6	(33.1)	8/4/19 6:45	(11.7)	5.0	(6.1)	(11.8)
8/3/19 18:00	7.2	(31.7)	(3.3)	(33.7)	8/4/19 7:00	33.3	2.2	(9.2)	26.4
8/3/19 18:15	(15.3)	(49.5)	1.0	(64.4)	8/4/19 7:15	23.6	(2.0)	(16.9)	(19.1)
8/3/19 18:30	(32.4)	(65.5)	6.4	(91.4)	8/4/19 7:30	34.0	(2.5)	(28.3)	(18.5)
8/3/19 18:45	(23.3)	(71.6)	4.8	(81.1)	8/4/19 7:45	47.1	(2.1)	14.3	59.0
8/3/19 19:00	(17.0)	(60.8)	5.4	(64.0)	8/4/19 8:00	35.7	(1.3)	(22.4)	15.2
8/3/19 19:15	(30.6)	(22.5)	3.7	(49.3)	8/4/19 8:15	18.9	(17.2)	(7.1)	(12.3)
8/3/19 19:30	(60.0)	(15.1)	2.8	(69.5)	8/4/19 8:30	44.5	(12.6)	(39.6)	(12.2)
8/3/19 19:45	(24.3)	(41.3)	2.3	(63.3)	8/4/19 8:45	51.4	(2.0)	(5.1)	45.4
8/3/19 20:00	(26.5)	(21.3)	0.9	(46.9)	8/4/19 9:00	22.9	(9.6)	(1.8)	12.0
8/3/19 20:15	(35.2)	(35.6)	0.1	(70.7)	8/4/19 9:15	75.8	(12.5)	(2.7)	60.6
8/3/19 20:30	(14.7)	(40.9)	(0.0)	(46.4)	8/4/19 9:30	45.1	(23.5)	(2.9)	18.7
8/3/19 20:45	10.4	(13.8)	(0.0)	(7.8)	8/4/19 9:45	29.6	(37.1)	(1.5)	(13.7)
8/3/19 21:00	(25.3)	(21.8)	0.0	(41.1)	8/4/19 10:00	29.1	(30.3)	(0.7)	(11.0)
8/3/19 21:15	(70.2)	(3.7)	(0.0)	(73.4)	8/4/19 10:15	52.1	(34.9)	(0.6)	17.0
8/3/19 21:30	(28.4)	(19.8)	(0.0)	(48.2)	8/4/19 10:30	53.1	(47.8)	(1.1)	6.4
8/3/19 21:45	(43.2)	(3.4)	0.0	(46.6)	8/4/19 10:45	50.5	(61.6)	0.2	(11.4)
8/3/19 22:00	(68.2)	(17.9)	0.0	(86.0)	8/4/19 11:00	39.0	(60.5)	(0.5)	(21.9)
8/3/19 22:15	(24.8)	(17.0)	(0.0)	(41.3)	8/4/19 11:15	69.3	(51.4)	0.7	19.9
8/3/19 22:30	(37.2)	(43.7)	0.0	(80.9)	8/4/19 11:30	24.5	(62.6)	(0.3)	(38.6)
8/3/19 22:45	(63.4)	(35.9)	(0.0)	(99.2)	8/4/19 11:45	83.0	(50.6)	(0.2)	32.2
8/3/19 23:00	(22.8)	(43.3)	(0.0)	(66.0)	8/4/19 12:00	44.6	(39.3)	0.4	10.5
8/3/19 23:15	(33.4)	(34.0)	(0.0)	(65.5)	8/4/19 12:15	36.9	(34.5)	(0.4)	(15.3)
8/3/19 23:30	(94.8)	52.6	(0.0)	(42.2)	8/4/19 12:30	71.1	8.6	0.3	77.5
8/3/19 23:45	(16.8)	9.5	0.0	(7.3)	8/4/19 12:45	36.9	9.3	2.2	46.9
8/4/19 0:00	(28.5)	5.1	0.0	(24.0)	8/4/19 13:00	14.0	11.2	2.1	22.8
8/4/19 0:15	(43.8)	3.3	(0.0)	(42.5)	8/4/19 13:15	13.2	38.9	0.8	52.5
8/4/19 0:30	(26.3)	37.1	(0.0)	20.4	8/4/19 13:30	54.7	23.5	1.4	78.9
8/4/19 0:45	(32.8)	73.8	0.0	41.0	8/4/19 13:45	17.3	7.5	(3.5)	19.3
8/4/19 1:00	(45.9)	52.3	0.0	15.6	8/4/19 14:00	(46.6)	27.6	10.0	(9.4)
8/4/19 1:15	(30.3)	51.1	(0.0)	24.6	8/4/19 14:15	(14.0)	8.8	5.2	14.5
8/4/19 1:30	(12.4)	43.2	0.0	31.3	8/4/19 14:30	(20.9)	13.1	3.0	(12.3)
8/4/19 1:45	(26.3)	25.6	0.0	(3.3)	8/4/19 14:45	(39.2)	32.9	(1.9)	(7.9)
8/4/19 2:00	(41.9)	64.0	0.0	30.2	8/4/19 15:00	(33.3)	12.7	(6.8)	(26.0)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/4/19 15:15	(7.1)	17.8	6.8	19.7	8/5/19 4:15	38.7	23.6	0.0	62.3
8/4/19 15:30	(15.7)	5.3	34.5	29.8	8/5/19 4:30	8.9	40.9	(0.0)	49.4
8/4/19 15:45	(29.7)	(11.4)	(6.6)	(39.2)	8/5/19 4:45	(21.0)	10.6	0.0	(19.2)
8/4/19 16:00	18.6	(24.6)	(11.9)	(16.5)	8/5/19 5:00	38.5	1.8	(0.0)	39.1
8/4/19 16:15	11.3	(39.3)	33.3	(8.3)	8/5/19 5:15	34.4	(10.5)	(0.0)	25.3
8/4/19 16:30	16.5	(26.1)	14.1	(24.7)	8/5/19 5:30	9.8	(34.5)	0.1	(29.6)
8/4/19 16:45	20.5	7.9	6.4	30.0	8/5/19 5:45	49.9	11.9	0.0	59.8
8/4/19 17:00	41.7	(28.5)	4.1	16.8	8/5/19 6:00	19.3	10.0	(0.0)	29.3
8/4/19 17:15	(25.5)	(64.3)	9.1	(78.1)	8/5/19 6:15	21.4	(15.9)	0.0	7.0
8/4/19 17:30	12.6	(58.2)	(10.5)	(60.4)	8/5/19 6:30	34.0	(17.5)	(0.7)	17.2
8/4/19 17:45	(5.0)	(51.7)	14.2	(42.0)	8/5/19 6:45	22.9	(10.7)	(5.0)	9.4
8/4/19 18:00	(33.6)	(58.2)	7.1	(84.1)	8/5/19 7:00	7.4	(9.9)	(3.9)	(9.6)
8/4/19 18:15	(23.3)	(15.5)	7.2	(30.7)	8/5/19 7:15	47.9	33.7	(11.6)	69.6
8/4/19 18:30	(9.4)	47.5	2.9	48.8	8/5/19 7:30	29.0	45.1	(32.0)	42.1
8/4/19 18:45	(27.3)	49.4	5.4	31.0	8/5/19 7:45	14.7	41.4	(9.4)	39.1
8/4/19 19:00	(38.9)	(8.0)	7.6	(38.5)	8/5/19 8:00	43.9	(4.4)	(21.1)	19.3
8/4/19 19:15	(9.6)	(13.9)	2.9	(18.5)	8/5/19 8:15	13.8	5.1	(16.1)	(6.7)
8/4/19 19:30	(6.2)	11.2	1.5	(10.9)	8/5/19 8:30	16.0	(16.4)	(1.5)	(12.5)
8/4/19 19:45	(33.1)	67.6	1.6	36.1	8/5/19 8:45	43.9	(40.4)	(9.2)	(17.4)
8/4/19 20:00	14.0	22.5	0.4	36.8	8/5/19 9:00	26.4	(6.8)	(6.4)	15.3
8/4/19 20:15	8.8	(14.5)	0.0	(7.6)	8/5/19 9:15	73.3	(4.8)	(2.4)	67.3
8/4/19 20:30	(39.3)	(41.5)	(0.0)	(80.8)	8/5/19 9:30	21.9	25.2	4.1	51.2
8/4/19 20:45	(7.3)	(58.7)	0.0	(65.9)	8/5/19 9:45	51.6	48.7	18.3	118.6
8/4/19 21:00	(18.5)	(61.9)	0.0	(80.4)	8/5/19 10:00	44.0	40.0	(10.1)	73.9
8/4/19 21:15	(60.6)	(64.2)	(0.0)	(124.9)	8/5/19 10:15	18.7	27.6	(20.6)	25.7
8/4/19 21:30	(26.8)	(64.9)	0.0	(91.8)	8/5/19 10:30	59.0	17.1	(8.8)	67.4
8/4/19 21:45	(11.7)	(42.8)	(0.0)	(54.6)	8/5/19 10:45	36.7	(13.3)	(0.4)	23.0
8/4/19 22:00	(43.6)	(50.3)	0.0	(93.9)	8/5/19 11:00	23.7	(31.2)	0.3	(16.2)
8/4/19 22:15	(21.0)	(36.0)	(0.0)	(57.0)	8/5/19 11:15	36.3	(16.7)	0.4	23.9
8/4/19 22:30	(42.3)	6.5	(0.0)	(36.6)	8/5/19 11:30	35.2	(19.9)	(0.4)	15.0
8/4/19 22:45	(52.6)	6.8	(0.0)	(50.8)	8/5/19 11:45	16.2	(28.5)	2.2	(17.9)
8/4/19 23:00	(54.9)	80.8	0.0	34.1	8/5/19 12:00	51.9	(36.2)	(1.4)	15.5
8/4/19 23:15	(13.4)	29.5	0.1	25.8	8/5/19 12:15	59.1	(32.3)	(0.7)	26.1
8/4/19 23:30	(43.8)	49.5	0.0	6.6	8/5/19 12:30	(13.9)	(31.5)	1.9	(43.5)
8/4/19 23:45	(82.9)	69.0	0.0	(14.5)	8/5/19 12:45	16.6	(25.8)	4.1	(20.9)
8/5/19 0:00	(10.7)	87.7	(0.0)	77.0	8/5/19 13:00	35.3	13.2	2.3	49.2
8/5/19 0:15	(46.9)	98.0	0.0	51.1	8/5/19 13:15	70.5	6.8	(4.1)	75.2
8/5/19 0:30	(50.4)	74.3	(0.0)	26.1	8/5/19 13:30	42.9	16.5	5.2	63.9
8/5/19 0:45	(45.9)	64.5	(0.0)	19.1	8/5/19 13:45	25.9	15.5	1.6	42.0
8/5/19 1:00	(27.2)	77.7	(0.0)	51.8	8/5/19 14:00	13.6	18.4	4.0	29.7
8/5/19 1:15	5.9	62.6	(0.0)	64.4	8/5/19 14:15	47.7	19.6	(6.6)	60.8
8/5/19 1:30	(38.1)	31.9	(0.0)	(15.5)	8/5/19 14:30	3.1	14.7	1.7	18.3
8/5/19 1:45	(21.1)	39.5	0.0	24.7	8/5/19 14:45	(13.7)	8.9	(1.5)	5.8
8/5/19 2:00	(15.9)	11.8	0.0	(4.7)	8/5/19 15:00	31.4	1.9	1.4	32.7
8/5/19 2:15	5.7	(16.5)	(0.0)	(18.0)	8/5/19 15:15	36.2	12.4	(1.6)	48.1
8/5/19 2:30	(26.7)	7.4	0.0	(30.4)	8/5/19 15:30	(18.3)	4.1	(1.0)	(19.0)
8/5/19 2:45	10.4	51.6	0.0	53.7	8/5/19 15:45	13.2	20.2	8.0	35.6
8/5/19 3:00	6.0	29.1	(0.0)	34.3	8/5/19 16:00	(13.1)	13.1	20.4	18.7
8/5/19 3:15	(41.4)	(49.0)	0.0	(90.4)	8/5/19 16:15	(18.6)	10.8	39.6	32.2
8/5/19 3:30	18.3	(38.2)	(0.0)	(21.6)	8/5/19 16:30	11.2	5.4	18.8	25.5
8/5/19 3:45	(3.4)	(58.0)	0.0	(61.4)	8/5/19 16:45	8.6	12.1	(3.3)	13.6
8/5/19 4:00	(11.7)	(17.4)	0.0	(24.9)	8/5/19 17:00	(19.2)	(9.5)	(12.4)	(40.3)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/5/19 17:15	12.4	(4.3)	(27.2)	(29.8)	8/6/19 6:15	32.7	(5.2)	(0.3)	28.7
8/5/19 17:30	(10.6)	(5.9)	23.6	16.5	8/6/19 6:30	33.1	(2.9)	(4.8)	25.4
8/5/19 17:45	(37.3)	19.3	9.5	(15.1)	8/6/19 6:45	(16.3)	7.8	(12.7)	(20.3)
8/5/19 18:00	(11.8)	(39.5)	(28.4)	(68.5)	8/6/19 7:00	14.9	2.8	(17.2)	(8.4)
8/5/19 18:15	(35.1)	(78.4)	15.0	(106.9)	8/6/19 7:15	48.8	8.8	(20.2)	37.4
8/5/19 18:30	(33.1)	(14.0)	36.9	5.7	8/6/19 7:30	35.4	16.6	(20.0)	32.0
8/5/19 18:45	(25.9)	6.8	6.7	(14.5)	8/6/19 7:45	8.1	21.2	(18.1)	7.6
8/5/19 19:00	(9.1)	60.2	22.0	81.9	8/6/19 8:00	59.8	21.3	(14.8)	66.2
8/5/19 19:15	(28.6)	50.0	3.7	23.3	8/6/19 8:15	20.3	7.7	(10.8)	17.1
8/5/19 19:30	(19.3)	58.6	8.0	46.8	8/6/19 8:30	10.6	7.2	(5.1)	12.7
8/5/19 19:45	(62.6)	24.5	5.7	(32.5)	8/6/19 8:45	50.4	1.9	(3.2)	48.0
8/5/19 20:00	(22.3)	1.2	1.2	(20.2)	8/6/19 9:00	39.4	(7.4)	(2.0)	30.0
8/5/19 20:15	(17.9)	(5.5)	0.3	(22.8)	8/6/19 9:15	20.5	(15.1)	(1.6)	7.3
8/5/19 20:30	(30.3)	(5.5)	(0.0)	(35.8)	8/6/19 9:30	61.9	(15.8)	(0.9)	45.2
8/5/19 20:45	(14.7)	8.5	(0.0)	10.1	8/6/19 9:45	38.0	(5.3)	(1.0)	31.7
8/5/19 21:00	(42.0)	9.1	0.0	(33.1)	8/6/19 10:00	9.9	(14.2)	(0.5)	(8.9)
8/5/19 21:15	(64.1)	8.1	0.0	(56.5)	8/6/19 10:15	52.1	(10.5)	0.1	41.6
8/5/19 21:30	(40.6)	20.8	0.0	(20.5)	8/6/19 10:30	18.5	(1.7)	(0.2)	18.0
8/5/19 21:45	(32.1)	10.2	0.0	(24.3)	8/6/19 10:45	51.8	(2.9)	0.6	49.8
8/5/19 22:00	(60.8)	5.4	(0.0)	(60.6)	8/6/19 11:00	55.3	(9.4)	0.3	46.1
8/5/19 22:15	(88.2)	(103.4)	0.0	(191.6)	8/6/19 11:15	53.4	(1.2)	1.4	54.4
8/5/19 22:30	(43.7)	(134.9)	(0.0)	(178.6)	8/6/19 11:30	34.0	1.9	0.4	35.4
8/5/19 22:45	(36.5)	39.5	0.0	39.6	8/6/19 11:45	31.4	2.6	1.4	34.4
8/5/19 23:00	(31.3)	52.0	(0.0)	27.5	8/6/19 12:00	56.1	(10.0)	(0.6)	46.3
8/5/19 23:15	(42.8)	77.4	0.0	38.9	8/6/19 12:15	56.1	(4.0)	(1.4)	50.7
8/5/19 23:30	(90.6)	37.9	0.0	(52.7)	8/6/19 12:30	41.3	11.1	(0.2)	52.2
8/5/19 23:45	(19.8)	(108.5)	0.1	(128.2)	8/6/19 12:45	15.3	15.3	1.8	32.3
8/6/19 0:00	(62.2)	(171.0)	0.0	(233.1)	8/6/19 13:00	26.4	11.2	4.5	41.8
8/6/19 0:15	(25.7)	(88.3)	(0.0)	(114.0)	8/6/19 13:15	80.3	4.3	(3.8)	79.2
8/6/19 0:30	(51.2)	45.9	(0.0)	(23.6)	8/6/19 13:30	(25.7)	(3.4)	(1.2)	(29.1)
8/6/19 0:45	(15.1)	113.2	0.0	98.5	8/6/19 13:45	37.0	6.6	2.6	46.0
8/6/19 1:00	(22.3)	105.2	(0.0)	82.9	8/6/19 14:00	35.1	2.3	(1.5)	34.9
8/6/19 1:15	(32.6)	36.8	(0.0)	13.2	8/6/19 14:15	36.6	12.9	0.9	50.3
8/6/19 1:30	(23.9)	14.5	0.0	(30.9)	8/6/19 14:30	31.8	5.2	(1.4)	32.1
8/6/19 1:45	(12.7)	(15.9)	(0.0)	(18.7)	8/6/19 14:45	32.6	(35.1)	(0.4)	(3.5)
8/6/19 2:00	(20.9)	53.3	0.0	35.8	8/6/19 15:00	25.2	(19.4)	1.8	7.4
8/6/19 2:15	(12.7)	37.5	(0.0)	26.3	8/6/19 15:15	22.2	(7.7)	2.8	15.0
8/6/19 2:30	(11.4)	(20.9)	0.0	(32.1)	8/6/19 15:30	20.4	5.2	12.8	32.9
8/6/19 2:45	(33.5)	(6.2)	0.0	(39.7)	8/6/19 15:45	13.2	10.8	8.5	25.6
8/6/19 3:00	12.0	15.5	0.0	21.0	8/6/19 16:00	20.1	21.4	19.3	60.8
8/6/19 3:15	(14.0)	20.9	0.0	9.2	8/6/19 16:15	27.0	34.0	7.0	68.0
8/6/19 3:30	(20.8)	17.2	(0.0)	(7.3)	8/6/19 16:30	(3.7)	16.2	4.0	20.6
8/6/19 3:45	6.4	15.6	0.0	18.0	8/6/19 16:45	1.8	(51.5)	3.4	(47.0)
8/6/19 4:00	(8.8)	(8.0)	(0.0)	(14.5)	8/6/19 17:00	6.8	(56.2)	(2.1)	(50.9)
8/6/19 4:15	16.2	(13.2)	0.0	8.7	8/6/19 17:15	10.5	(21.4)	6.4	(12.4)
8/6/19 4:30	7.9	(17.3)	0.0	(9.4)	8/6/19 17:30	9.2	(25.9)	10.4	(7.3)
8/6/19 4:45	(11.0)	(20.6)	(0.0)	(26.1)	8/6/19 17:45	(1.8)	(58.7)	32.3	(29.9)
8/6/19 5:00	39.6	(6.4)	(0.0)	33.3	8/6/19 18:00	(18.9)	(81.2)	8.5	(90.9)
8/6/19 5:15	36.7	3.2	(0.0)	39.8	8/6/19 18:15	(31.6)	(69.9)	2.1	(99.3)
8/6/19 5:30	11.9	(6.8)	(0.0)	7.7	8/6/19 18:30	(22.8)	(62.5)	1.6	(84.4)
8/6/19 5:45	26.9	(13.0)	0.0	17.5	8/6/19 18:45	(25.3)	(77.2)	(13.0)	(115.4)
8/6/19 6:00	38.3	(8.0)	0.0	30.7	8/6/19 19:00	(47.4)	(58.4)	2.8	(105.5)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/6/19 19:15	(60.9)	(15.7)	11.6	(65.0)	8/7/19 8:15	24.6	53.5	9.3	77.3
8/6/19 19:30	(29.2)	(73.3)	10.5	(92.0)	8/7/19 8:30	37.5	(8.6)	(28.9)	8.3
8/6/19 19:45	(31.6)	(77.7)	4.2	(105.1)	8/7/19 8:45	34.5	25.9	(4.8)	54.9
8/6/19 20:00	(57.9)	(39.8)	2.7	(95.0)	8/7/19 9:00	12.6	39.0	2.2	44.3
8/6/19 20:15	(32.5)	(9.5)	0.5	(40.6)	8/7/19 9:15	55.7	30.5	(1.8)	85.4
8/6/19 20:30	10.9	35.7	(0.0)	37.0	8/7/19 9:30	18.4	19.2	(6.7)	32.0
8/6/19 20:45	(34.9)	42.3	(0.0)	7.5	8/7/19 9:45	(16.8)	22.1	5.6	10.9
8/6/19 21:00	(27.4)	34.0	0.0	8.4	8/7/19 10:00	61.6	10.6	6.2	77.6
8/6/19 21:15	(45.9)	(25.1)	(0.0)	(70.5)	8/7/19 10:15	36.8	24.5	4.7	64.4
8/6/19 21:30	(58.5)	(52.3)	0.0	(110.8)	8/7/19 10:30	(17.0)	(10.4)	(5.8)	(31.3)
8/6/19 21:45	(57.8)	(52.8)	0.0	(110.6)	8/7/19 10:45	23.0	(4.6)	(8.5)	20.2
8/6/19 22:00	(66.8)	(90.7)	(0.0)	(157.5)	8/7/19 11:00	46.6	9.6	(3.9)	53.1
8/6/19 22:15	(83.4)	(43.9)	(0.0)	(127.3)	8/7/19 11:15	47.5	2.0	(1.0)	47.7
8/6/19 22:30	(31.0)	3.8	0.0	(27.4)	8/7/19 11:30	20.4	(9.9)	(1.0)	13.5
8/6/19 22:45	(44.8)	(9.8)	(0.0)	(54.5)	8/7/19 11:45	62.7	4.2	6.7	72.8
8/6/19 23:00	(74.2)	29.4	(0.0)	(45.2)	8/7/19 12:00	40.0	2.0	(4.2)	37.4
8/6/19 23:15	(72.7)	22.0	(0.0)	(50.8)	8/7/19 12:15	14.3	0.8	(1.7)	14.4
8/6/19 23:30	(63.0)	7.9	(0.0)	(55.2)	8/7/19 12:30	48.5	(8.6)	0.4	39.9
8/6/19 23:45	(54.6)	24.4	0.0	(30.2)	8/7/19 12:45	43.6	(11.6)	0.4	32.1
8/7/19 0:00	(45.7)	15.3	0.0	(32.3)	8/7/19 13:00	(19.6)	(19.4)	(0.6)	(35.0)
8/7/19 0:15	(13.0)	(34.3)	(0.0)	(47.3)	8/7/19 13:15	75.7	(12.4)	4.3	67.6
8/7/19 0:30	(26.4)	9.2	(0.0)	(21.2)	8/7/19 13:30	28.9	(13.7)	26.0	38.7
8/7/19 0:45	(31.7)	30.3	(0.0)	(9.2)	8/7/19 13:45	27.1	(6.9)	13.3	32.3
8/7/19 1:00	(38.7)	16.6	0.0	(31.6)	8/7/19 14:00	37.6	(5.7)	16.9	44.3
8/7/19 1:15	(11.3)	32.7	(0.0)	27.4	8/7/19 14:15	6.4	3.2	(17.3)	(10.5)
8/7/19 1:30	(31.6)	24.8	0.0	(7.2)	8/7/19 14:30	43.2	2.8	2.1	47.6
8/7/19 1:45	(34.9)	57.1	0.0	25.2	8/7/19 14:45	33.8	(6.9)	3.4	30.3
8/7/19 2:00	(17.5)	22.7	0.0	5.7	8/7/19 15:00	23.4	(5.0)	3.0	21.8
8/7/19 2:15	(2.4)	(6.7)	(0.0)	(9.2)	8/7/19 15:15	33.1	(4.4)	1.3	30.8
8/7/19 2:30	(47.3)	31.5	0.0	(19.9)	8/7/19 15:30	12.6	7.9	1.3	17.0
8/7/19 2:45	16.2	8.6	0.0	23.7	8/7/19 15:45	(3.9)	(10.7)	3.7	(9.9)
8/7/19 3:00	(6.9)	(9.1)	(0.0)	(14.1)	8/7/19 16:00	(20.8)	6.4	6.6	(19.6)
8/7/19 3:15	(50.8)	(29.6)	(0.0)	(63.8)	8/7/19 16:15	8.9	(7.7)	20.7	22.7
8/7/19 3:30	19.2	54.6	0.0	63.5	8/7/19 16:30	22.5	(6.4)	(7.5)	15.0
8/7/19 3:45	(7.3)	7.4	(0.0)	6.1	8/7/19 16:45	(32.4)	26.4	(4.5)	(13.9)
8/7/19 4:00	(7.1)	17.4	0.0	12.3	8/7/19 17:00	19.4	2.3	15.6	31.7
8/7/19 4:15	(15.3)	26.9	0.0	17.0	8/7/19 17:15	(25.5)	(2.8)	15.8	(12.4)
8/7/19 4:30	30.0	(24.8)	(0.0)	13.7	8/7/19 17:30	(30.0)	7.9	6.9	(16.4)
8/7/19 4:45	15.4	(30.8)	0.0	(18.6)	8/7/19 17:45	(5.6)	2.1	6.3	7.9
8/7/19 5:00	10.2	76.5	(0.0)	85.0	8/7/19 18:00	(31.1)	16.1	3.6	(14.5)
8/7/19 5:15	38.6	46.3	(0.0)	83.5	8/7/19 18:15	(61.8)	(12.3)	(3.4)	(77.3)
8/7/19 5:30	38.2	49.5	(0.0)	87.8	8/7/19 18:30	(13.3)	(23.0)	2.2	(33.3)
8/7/19 5:45	18.6	87.3	(0.0)	101.8	8/7/19 18:45	(33.1)	(39.1)	4.1	(68.1)
8/7/19 6:00	23.1	60.8	0.1	70.7	8/7/19 19:00	(62.2)	6.1	(0.4)	(60.0)
8/7/19 6:15	27.5	31.3	(0.1)	55.9	8/7/19 19:15	(10.7)	(60.2)	0.6	(68.4)
8/7/19 6:30	11.2	(2.6)	(3.5)	(7.8)	8/7/19 19:30	(19.3)	(100.8)	1.9	(116.3)
8/7/19 6:45	34.6	7.4	(11.7)	23.2	8/7/19 19:45	(57.1)	(42.2)	2.4	(97.0)
8/7/19 7:00	35.9	(28.0)	(13.4)	(8.3)	8/7/19 20:00	17.3	(116.2)	1.0	(112.1)
8/7/19 7:15	24.0	(14.9)	(19.1)	(11.9)	8/7/19 20:15	(17.7)	(23.3)	0.1	(36.5)
8/7/19 7:30	23.7	19.6	(20.0)	28.9	8/7/19 20:30	(32.2)	32.8	(0.0)	(17.0)
8/7/19 7:45	41.1	44.4	(21.3)	64.2	8/7/19 20:45	(11.1)	(35.5)	0.0	(42.3)
8/7/19 8:00	31.0	13.0	(9.1)	35.8	8/7/19 21:00	(44.8)	(30.0)	0.0	(74.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/7/19 21:15	(87.4)	(92.5)	(0.0)	(179.8)	8/8/19 10:15	30.8	1.0	1.5	33.1
8/7/19 21:30	(26.5)	(151.9)	0.0	(178.4)	8/8/19 10:30	22.4	1.0	(1.0)	22.4
8/7/19 21:45	(18.9)	(51.9)	0.0	(67.0)	8/8/19 10:45	26.4	(0.8)	(1.4)	24.2
8/7/19 22:00	(74.7)	51.0	(0.0)	(23.8)	8/8/19 11:00	41.1	(1.8)	(1.2)	38.1
8/7/19 22:15	(55.8)	97.0	0.0	41.2	8/8/19 11:15	21.3	(7.7)	(0.3)	13.3
8/7/19 22:30	(66.2)	44.7	0.0	(26.2)	8/8/19 11:30	34.0	(19.9)	(0.9)	13.3
8/7/19 22:45	(85.0)	19.3	0.0	(65.7)	8/8/19 11:45	35.0	(19.5)	(2.2)	13.9
8/7/19 23:00	(33.5)	(12.2)	0.0	(44.7)	8/8/19 12:00	26.3	(26.5)	(1.6)	(1.2)
8/7/19 23:15	15.5	(53.4)	(0.0)	(41.2)	8/8/19 12:15	32.5	(30.2)	4.2	6.6
8/7/19 23:30	(58.1)	(21.7)	0.0	(72.2)	8/8/19 12:30	43.4	(37.3)	9.3	17.2
8/7/19 23:45	(40.9)	121.4	(0.0)	80.9	8/8/19 12:45	42.5	(37.3)	(9.7)	(6.0)
8/8/19 0:00	(40.7)	122.4	0.1	81.8	8/8/19 13:00	32.4	(39.0)	3.3	(6.1)
8/8/19 0:15	(63.6)	83.2	(0.1)	19.5	8/8/19 13:15	50.7	(53.8)	(12.1)	(13.9)
8/8/19 0:30	(9.9)	56.2	(0.0)	53.5	8/8/19 13:30	36.5	(40.1)	28.4	24.8
8/8/19 0:45	(19.1)	(13.2)	(0.0)	(30.7)	8/8/19 13:45	(14.2)	(26.3)	(7.5)	(39.1)
8/8/19 1:00	(40.0)	15.1	0.0	(24.9)	8/8/19 14:00	15.9	(11.5)	(8.9)	12.7
8/8/19 1:15	(8.8)	44.9	(0.0)	42.6	8/8/19 14:15	5.0	13.0	16.3	28.0
8/8/19 1:30	(13.4)	5.0	0.0	(13.9)	8/8/19 14:30	(22.4)	(33.9)	(6.5)	(56.1)
8/8/19 1:45	(43.7)	62.2	0.0	18.5	8/8/19 14:45	(30.7)	(45.8)	22.4	(49.3)
8/8/19 2:00	12.1	78.7	0.0	79.6	8/8/19 15:00	12.0	(47.4)	11.7	(31.2)
8/8/19 2:15	(5.9)	45.8	0.0	42.2	8/8/19 15:15	(27.7)	(7.0)	8.1	(27.3)
8/8/19 2:30	(52.5)	9.5	(0.0)	(43.0)	8/8/19 15:30	(65.8)	(33.6)	(19.3)	(118.4)
8/8/19 2:45	(16.7)	12.7	(0.0)	(4.7)	8/8/19 15:45	(14.7)	39.8	38.4	63.4
8/8/19 3:00	(6.5)	(12.7)	0.0	(18.6)	8/8/19 16:00	(5.1)	52.1	2.6	52.2
8/8/19 3:15	(2.8)	(9.6)	(0.0)	(10.0)	8/8/19 16:15	10.3	27.2	15.2	50.4
8/8/19 3:30	(5.9)	10.2	0.0	6.8	8/8/19 16:30	4.5	18.5	4.6	22.3
8/8/19 3:45	(7.5)	(11.0)	(0.0)	(17.9)	8/8/19 16:45	7.2	(38.0)	(1.5)	(32.7)
8/8/19 4:00	4.8	8.8	0.0	12.4	8/8/19 17:00	19.6	(10.3)	7.9	29.8
8/8/19 4:15	15.4	(8.8)	0.0	7.6	8/8/19 17:15	38.5	56.6	(19.6)	75.5
8/8/19 4:30	6.9	7.3	0.0	13.7	8/8/19 17:30	17.1	23.7	15.3	53.2
8/8/19 4:45	12.6	5.1	0.0	17.7	8/8/19 17:45	(17.0)	11.6	(12.6)	(28.3)
8/8/19 5:00	24.2	(3.2)	(0.0)	23.2	8/8/19 18:00	(8.2)	(62.0)	(14.9)	(77.5)
8/8/19 5:15	42.8	(13.8)	0.0	29.0	8/8/19 18:15	(9.0)	(80.6)	14.3	(75.4)
8/8/19 5:30	15.8	(9.4)	0.0	6.5	8/8/19 18:30	(58.0)	(11.0)	(18.3)	(87.3)
8/8/19 5:45	20.4	(3.7)	0.0	17.0	8/8/19 18:45	10.9	(11.8)	(1.2)	9.5
8/8/19 6:00	11.7	6.8	(0.0)	15.4	8/8/19 19:00	(30.1)	12.6	14.4	(6.1)
8/8/19 6:15	17.4	20.4	0.0	37.9	8/8/19 19:15	(52.4)	68.9	9.8	26.0
8/8/19 6:30	10.4	18.0	(1.3)	27.0	8/8/19 19:30	(19.9)	48.9	5.9	49.4
8/8/19 6:45	19.1	16.3	(10.0)	25.5	8/8/19 19:45	(10.7)	4.3	9.1	9.8
8/8/19 7:00	27.9	13.7	(12.5)	29.1	8/8/19 20:00	(30.5)	(26.0)	6.3	(50.3)
8/8/19 7:15	32.8	4.8	(17.9)	19.8	8/8/19 20:15	24.9	(33.9)	1.1	(32.1)
8/8/19 7:30	25.1	9.1	(13.0)	21.2	8/8/19 20:30	20.1	(18.9)	(0.0)	(6.9)
8/8/19 7:45	24.6	10.4	(10.9)	24.1	8/8/19 20:45	(9.8)	21.1	0.0	14.1
8/8/19 8:00	19.7	2.9	(13.6)	10.1	8/8/19 21:00	(55.5)	39.1	0.0	(19.4)
8/8/19 8:15	9.7	5.3	(20.5)	(8.7)	8/8/19 21:15	(6.5)	(19.3)	0.0	(20.9)
8/8/19 8:30	20.4	7.2	(3.0)	24.8	8/8/19 21:30	(41.4)	4.9	(0.0)	(40.8)
8/8/19 8:45	13.4	4.0	3.4	19.5	8/8/19 21:45	(78.1)	25.8	0.0	(52.2)
8/8/19 9:00	26.8	3.8	(12.6)	18.1	8/8/19 22:00	(69.0)	16.5	(0.0)	(52.5)
8/8/19 9:15	21.4	0.3	(3.4)	18.2	8/8/19 22:15	(24.3)	(32.7)	(0.0)	(54.4)
8/8/19 9:30	24.7	0.7	(1.2)	24.7	8/8/19 22:30	(46.8)	(69.1)	0.0	(115.9)
8/8/19 9:45	22.5	(0.4)	(11.4)	11.7	8/8/19 22:45	(53.6)	(126.9)	(0.0)	(180.5)
8/8/19 10:00	26.0	(1.5)	9.0	33.6	8/8/19 23:00	(33.2)	(26.1)	(0.0)	(50.2)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/8/19 23:15	(23.0)	65.7	(0.0)	42.7	8/9/19 12:15	24.7	(17.6)	(6.6)	8.8
8/8/19 23:30	(21.7)	24.8	(0.0)	12.8	8/9/19 12:30	25.5	(20.3)	16.1	21.3
8/8/19 23:45	(67.0)	(51.6)	(0.0)	(118.6)	8/9/19 12:45	53.3	(2.7)	20.1	70.7
8/9/19 0:00	(33.1)	(39.3)	(0.0)	(72.3)	8/9/19 13:00	48.1	(10.8)	14.5	50.6
8/9/19 0:15	(20.7)	(40.6)	0.0	(61.2)	8/9/19 13:15	7.7	(20.0)	5.3	(16.9)
8/9/19 0:30	(35.7)	(23.9)	(0.0)	(59.6)	8/9/19 13:30	43.7	(8.9)	(10.9)	32.0
8/9/19 0:45	(10.6)	19.0	(0.0)	11.7	8/9/19 13:45	59.9	(4.4)	(10.2)	47.6
8/9/19 1:00	(14.5)	22.5	0.0	11.6	8/9/19 14:00	34.7	(16.4)	(5.3)	21.3
8/9/19 1:15	(39.2)	66.8	0.0	27.6	8/9/19 14:15	11.8	(46.1)	7.0	(42.1)
8/9/19 1:30	(7.0)	65.2	0.0	63.0	8/9/19 14:30	52.3	6.6	11.2	66.1
8/9/19 1:45	(17.7)	53.4	0.0	35.8	8/9/19 14:45	32.4	16.2	5.2	52.4
8/9/19 2:00	(46.6)	(21.5)	(0.0)	(57.3)	8/9/19 15:00	(13.3)	7.3	5.5	7.5
8/9/19 2:15	10.5	(25.9)	0.0	(19.9)	8/9/19 15:15	38.8	(15.3)	7.2	30.2
8/9/19 2:30	(8.8)	33.6	(0.0)	25.3	8/9/19 15:30	38.7	(38.4)	6.9	13.6
8/9/19 2:45	(29.9)	35.9	(0.0)	15.9	8/9/19 15:45	(15.5)	(36.9)	(15.0)	(64.9)
8/9/19 3:00	6.8	50.3	0.0	52.1	8/9/19 16:00	47.4	(54.5)	9.9	(9.5)
8/9/19 3:15	8.1	17.4	(0.0)	25.3	8/9/19 16:15	19.0	(54.8)	25.5	(10.3)
8/9/19 3:30	(9.9)	(50.4)	0.0	(55.9)	8/9/19 16:30	18.3	(66.0)	6.9	(48.7)
8/9/19 3:45	8.7	(26.2)	(0.0)	(21.5)	8/9/19 16:45	(9.0)	(46.6)	13.6	(35.8)
8/9/19 4:00	4.5	(13.5)	0.0	(12.3)	8/9/19 17:00	(19.5)	(43.2)	3.7	(57.8)
8/9/19 4:15	16.5	(4.7)	0.0	12.3	8/9/19 17:15	(29.7)	(43.5)	2.7	(70.7)
8/9/19 4:30	18.3	(19.7)	(0.0)	(11.0)	8/9/19 17:30	(20.9)	8.9	(10.4)	(22.8)
8/9/19 4:45	23.3	(29.6)	(0.0)	(8.4)	8/9/19 17:45	(15.3)	(9.3)	7.0	(19.1)
8/9/19 5:00	14.2	(3.4)	(0.0)	14.1	8/9/19 18:00	(42.6)	7.2	5.0	(32.1)
8/9/19 5:15	52.9	10.6	0.0	63.5	8/9/19 18:15	(58.5)	40.2	2.9	(18.7)
8/9/19 5:30	25.9	7.4	(0.0)	33.3	8/9/19 18:30	(35.6)	34.4	3.5	10.0
8/9/19 5:45	(10.4)	(5.6)	(0.0)	(14.4)	8/9/19 18:45	(39.8)	(28.2)	1.5	(66.5)
8/9/19 6:00	26.0	13.8	0.0	38.5	8/9/19 19:00	(53.0)	11.5	0.3	(41.9)
8/9/19 6:15	45.4	5.9	(0.2)	51.1	8/9/19 19:15	(37.6)	(12.8)	1.0	(49.4)
8/9/19 6:30	(18.0)	(5.2)	(1.7)	(22.5)	8/9/19 19:30	(53.0)	(64.1)	1.5	(115.6)
8/9/19 6:45	(4.4)	12.1	(7.3)	8.0	8/9/19 19:45	(46.7)	23.8	1.0	(37.2)
8/9/19 7:00	31.7	(10.9)	(11.2)	10.9	8/9/19 20:00	(30.9)	28.2	0.6	(6.5)
8/9/19 7:15	(10.4)	22.2	(13.0)	12.8	8/9/19 20:15	(4.0)	32.8	0.2	29.0
8/9/19 7:30	16.0	50.6	(17.1)	47.5	8/9/19 20:30	(16.1)	62.0	0.0	45.9
8/9/19 7:45	31.0	47.1	(23.6)	54.5	8/9/19 20:45	(33.3)	87.4	0.0	54.5
8/9/19 8:00	40.8	52.1	(2.9)	90.1	8/9/19 21:00	(43.9)	27.5	(0.0)	(16.5)
8/9/19 8:15	20.2	63.1	(8.4)	74.6	8/9/19 21:15	(34.7)	5.9	(0.0)	(28.7)
8/9/19 8:30	32.9	49.1	(2.8)	79.5	8/9/19 21:30	(41.7)	12.2	(0.0)	(29.4)
8/9/19 8:45	50.8	39.9	(3.9)	86.9	8/9/19 21:45	(45.4)	28.8	0.0	(16.6)
8/9/19 9:00	39.7	27.6	(24.0)	43.3	8/9/19 22:00	(56.7)	14.5	0.0	(42.3)
8/9/19 9:15	22.3	5.7	(4.1)	25.6	8/9/19 22:15	(47.8)	13.5	0.0	(34.3)
8/9/19 9:30	39.0	1.4	(12.0)	30.1	8/9/19 22:30	(36.1)	32.9	(0.0)	(14.1)
8/9/19 9:45	29.8	8.4	(2.7)	36.0	8/9/19 22:45	(67.2)	12.5	(0.0)	(65.7)
8/9/19 10:00	48.7	10.5	3.9	61.7	8/9/19 23:00	(18.6)	(15.2)	(0.0)	(33.8)
8/9/19 10:15	20.4	11.8	13.4	41.5	8/9/19 23:15	(42.9)	(38.7)	(0.0)	(81.6)
8/9/19 10:30	46.9	8.0	(1.9)	53.5	8/9/19 23:30	(70.0)	(9.8)	(0.0)	(72.7)
8/9/19 10:45	43.8	6.2	1.4	50.9	8/9/19 23:45	(12.8)	31.1	(0.0)	25.7
8/9/19 11:00	9.6	(4.4)	(6.1)	(6.0)	8/10/19 0:00	(13.1)	9.6	0.0	(7.4)
8/9/19 11:15	30.2	(5.9)	9.0	33.3	8/10/19 0:15	(45.0)	40.9	(0.0)	(8.7)
8/9/19 11:30	57.7	(9.8)	(5.0)	42.9	8/10/19 0:30	(39.1)	39.7	0.0	5.6
8/9/19 11:45	22.9	(5.1)	(7.8)	10.9	8/10/19 0:45	9.0	33.8	(0.0)	38.2
8/9/19 12:00	46.6	(14.9)	9.6	43.9	8/10/19 1:00	(19.1)	33.9	(0.0)	14.8

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/10/19 1:15	(27.5)	26.9	(0.0)	(3.3)	8/10/19 14:15	15.0	1.2	(14.1)	13.9
8/10/19 1:30	(35.3)	16.0	0.0	(19.9)	8/10/19 14:30	36.1	(4.5)	7.8	39.8
8/10/19 1:45	(9.9)	9.9	0.0	9.5	8/10/19 14:45	17.2	(24.2)	9.6	4.1
8/10/19 2:00	(29.2)	(13.2)	0.0	(42.4)	8/10/19 15:00	(8.6)	(11.5)	12.0	(7.5)
8/10/19 2:15	(21.2)	(19.8)	(0.0)	(39.3)	8/10/19 15:15	33.7	(39.0)	10.2	(9.3)
8/10/19 2:30	(23.6)	(37.7)	0.0	(61.3)	8/10/19 15:30	15.6	18.2	(6.7)	21.1
8/10/19 2:45	(17.8)	(65.6)	(0.0)	(83.4)	8/10/19 15:45	25.1	22.3	(9.7)	45.1
8/10/19 3:00	(35.8)	(58.4)	0.0	(88.3)	8/10/19 16:00	(12.9)	(47.2)	18.7	(41.8)
8/10/19 3:15	10.1	(6.0)	0.0	5.3	8/10/19 16:15	45.9	20.8	13.9	77.2
8/10/19 3:30	6.4	6.5	(0.0)	6.5	8/10/19 16:30	38.0	(35.2)	(6.7)	(12.7)
8/10/19 3:45	(25.1)	48.0	0.0	23.7	8/10/19 16:45	6.5	6.5	10.5	13.0
8/10/19 4:00	18.1	30.0	0.0	45.8	8/10/19 17:00	(39.6)	37.8	6.4	5.4
8/10/19 4:15	4.4	18.9	(0.0)	22.9	8/10/19 17:15	30.8	(17.9)	10.8	25.2
8/10/19 4:30	(27.8)	8.5	0.0	(20.8)	8/10/19 17:30	(13.4)	(40.9)	18.1	(33.0)
8/10/19 4:45	14.2	13.7	0.0	27.4	8/10/19 17:45	(10.6)	(21.7)	20.3	(6.6)
8/10/19 5:00	16.1	8.3	0.0	24.3	8/10/19 18:00	(23.9)	19.7	2.6	(6.5)
8/10/19 5:15	(17.4)	11.9	0.0	(9.1)	8/10/19 18:15	(30.2)	(19.7)	(1.9)	(47.3)
8/10/19 5:30	18.0	4.9	(0.0)	22.8	8/10/19 18:30	(10.9)	(29.0)	(4.8)	(44.0)
8/10/19 5:45	12.9	(2.0)	0.0	12.8	8/10/19 18:45	6.2	12.2	0.9	10.3
8/10/19 6:00	9.2	12.7	0.0	18.1	8/10/19 19:00	(19.2)	7.9	2.3	(10.7)
8/10/19 6:15	11.0	18.9	(0.1)	27.3	8/10/19 19:15	(35.4)	52.1	6.3	26.1
8/10/19 6:30	(13.7)	18.5	(1.7)	5.3	8/10/19 19:30	(16.0)	(23.3)	3.8	(34.6)
8/10/19 6:45	10.7	4.5	(2.8)	12.6	8/10/19 19:45	(43.2)	(44.3)	2.3	(84.6)
8/10/19 7:00	(17.7)	(1.3)	(3.6)	(20.5)	8/10/19 20:00	(7.9)	(23.2)	0.5	(23.0)
8/10/19 7:15	25.9	10.9	(2.5)	34.3	8/10/19 20:15	30.2	(15.1)	0.0	16.5
8/10/19 7:30	22.4	1.2	(2.4)	20.1	8/10/19 20:30	(22.3)	(38.2)	0.0	(49.5)
8/10/19 7:45	(16.4)	4.8	(5.0)	(16.7)	8/10/19 20:45	(7.0)	(45.7)	(0.0)	(49.8)
8/10/19 8:00	11.9	3.3	(10.8)	(12.0)	8/10/19 21:00	(27.5)	38.5	(0.0)	14.5
8/10/19 8:15	54.2	14.1	(6.7)	61.6	8/10/19 21:15	(38.3)	9.9	0.0	(29.4)
8/10/19 8:30	27.5	9.1	(24.6)	16.6	8/10/19 21:30	(67.0)	10.9	0.0	(56.1)
8/10/19 8:45	44.5	6.4	(11.6)	41.3	8/10/19 21:45	(20.0)	19.4	0.0	(4.2)
8/10/19 9:00	46.7	(4.0)	(1.0)	43.2	8/10/19 22:00	(40.9)	9.6	(0.0)	(31.3)
8/10/19 9:15	32.0	(15.0)	2.0	20.8	8/10/19 22:15	(52.8)	47.5	(0.0)	(11.4)
8/10/19 9:30	10.9	(3.4)	15.7	19.7	8/10/19 22:30	(39.3)	33.4	0.0	(15.4)
8/10/19 9:45	23.7	(8.9)	11.5	26.9	8/10/19 22:45	(68.3)	11.8	0.0	(60.6)
8/10/19 10:00	21.3	(9.1)	(9.0)	6.2	8/10/19 23:00	(12.8)	(29.0)	(0.0)	(36.0)
8/10/19 10:15	13.4	(4.3)	(7.9)	8.9	8/10/19 23:15	21.3	(25.5)	(0.0)	(16.6)
8/10/19 10:30	47.4	(8.1)	(6.9)	35.7	8/10/19 23:30	(53.6)	(36.4)	0.0	(90.0)
8/10/19 10:45	43.1	(9.6)	(14.8)	18.6	8/10/19 23:45	(8.3)	(10.2)	(0.0)	(8.1)
8/10/19 11:00	33.0	(7.6)	(1.2)	24.9	8/11/19 0:00	(20.3)	(6.5)	(0.0)	(26.4)
8/10/19 11:15	12.9	3.7	(5.2)	14.0	8/11/19 0:15	(36.8)	8.4	(0.0)	(28.3)
8/10/19 11:30	43.8	8.5	(11.3)	41.1	8/11/19 0:30	(25.3)	11.8	0.0	(19.5)
8/10/19 11:45	28.9	13.9	(2.7)	41.3	8/11/19 0:45	(19.0)	14.9	0.0	(8.0)
8/10/19 12:00	(22.1)	21.8	3.2	13.0	8/11/19 1:00	(34.0)	50.3	(0.0)	17.1
8/10/19 12:15	16.5	9.4	(10.1)	11.1	8/11/19 1:15	(53.4)	61.0	0.0	7.6
8/10/19 12:30	22.5	(1.1)	(9.6)	14.9	8/11/19 1:30	(24.2)	38.8	(0.0)	14.6
8/10/19 12:45	17.8	2.8	22.1	42.7	8/11/19 1:45	(18.4)	7.5	0.0	(12.3)
8/10/19 13:00	(23.7)	2.7	(9.2)	(31.2)	8/11/19 2:00	(15.4)	8.6	(0.0)	(8.8)
8/10/19 13:15	21.0	(2.8)	(7.3)	(15.8)	8/11/19 2:15	(15.7)	3.2	0.0	(14.6)
8/10/19 13:30	10.0	(1.4)	5.0	10.2	8/11/19 2:30	(9.6)	8.3	0.0	(3.5)
8/10/19 13:45	37.6	(14.4)	6.4	31.3	8/11/19 2:45	(18.9)	17.4	0.0	(1.5)
8/10/19 14:00	23.9	(17.0)	(13.4)	(8.3)	8/11/19 3:00	(6.3)	(8.8)	0.0	(14.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/11/19 3:15	(13.3)	(21.8)	(0.0)	(35.1)	8/11/19 16:15	30.6	(137.1)	4.9	(101.5)
8/11/19 3:30	(9.1)	(12.7)	0.0	(21.6)	8/11/19 16:30	16.4	(122.1)	(4.1)	(109.4)
8/11/19 3:45	19.1	(8.0)	(0.0)	12.8	8/11/19 16:45	27.5	(49.9)	(26.3)	(53.8)
8/11/19 4:00	4.9	(20.7)	0.0	(16.0)	8/11/19 17:00	13.5	(27.0)	10.0	(19.8)
8/11/19 4:15	(28.5)	6.3	(0.0)	(27.4)	8/11/19 17:15	16.3	(73.8)	16.6	(47.6)
8/11/19 4:30	(19.5)	14.5	(0.0)	(6.7)	8/11/19 17:30	(7.9)	170.2	(9.0)	155.3
8/11/19 4:45	9.8	(10.2)	0.0	(9.6)	8/11/19 17:45	9.8	119.7	(3.4)	129.0
8/11/19 5:00	18.1	7.0	(0.0)	25.0	8/11/19 18:00	20.8	97.1	(5.5)	116.1
8/11/19 5:15	17.3	(7.8)	0.0	9.9	8/11/19 18:15	(20.7)	76.5	4.6	61.3
8/11/19 5:30	(11.4)	4.3	0.0	(9.5)	8/11/19 18:30	(24.4)	148.5	6.0	130.1
8/11/19 5:45	(17.5)	(7.8)	0.0	(18.1)	8/11/19 18:45	11.5	119.9	2.9	133.9
8/11/19 6:00	15.3	11.6	(0.0)	22.6	8/11/19 19:00	9.2	51.0	5.4	65.6
8/11/19 6:15	11.3	25.8	0.0	34.7	8/11/19 19:15	(21.8)	91.1	3.9	78.0
8/11/19 6:30	(22.1)	13.1	(0.6)	(11.3)	8/11/19 19:30	(28.4)	63.9	2.2	37.9
8/11/19 6:45	4.3	(3.5)	(6.4)	(8.1)	8/11/19 19:45	(18.5)	(20.4)	1.4	(30.2)
8/11/19 7:00	14.8	(3.1)	(12.6)	(2.6)	8/11/19 20:00	(15.7)	(58.2)	0.4	(71.1)
8/11/19 7:15	(8.9)	(4.2)	(13.1)	(23.0)	8/11/19 20:15	(26.0)	(111.7)	0.0	(135.9)
8/11/19 7:30	27.3	(22.0)	(7.5)	(11.2)	8/11/19 20:30	37.6	(39.6)	(0.0)	24.2
8/11/19 7:45	22.4	(6.3)	(7.4)	15.9	8/11/19 20:45	(9.7)	43.7	0.0	33.9
8/11/19 8:00	(5.6)	(10.4)	(7.2)	(22.6)	8/11/19 21:00	(39.7)	53.9	0.0	14.8
8/11/19 8:15	(5.7)	(6.4)	(23.1)	(32.0)	8/11/19 21:15	(23.8)	65.2	(0.0)	41.7
8/11/19 8:30	30.5	(5.8)	(21.1)	6.4	8/11/19 21:30	(38.3)	49.4	0.0	15.1
8/11/19 8:45	26.4	9.2	(7.7)	28.7	8/11/19 21:45	(60.3)	13.6	(0.0)	(46.7)
8/11/19 9:00	19.5	(14.5)	7.4	15.5	8/11/19 22:00	(61.5)	22.3	0.0	(40.4)
8/11/19 9:15	45.7	(20.5)	5.0	31.7	8/11/19 22:15	(51.8)	40.7	0.0	(13.4)
8/11/19 9:30	26.9	(10.3)	(19.1)	(2.5)	8/11/19 22:30	(51.3)	5.9	(0.0)	(50.1)
8/11/19 9:45	7.8	(26.9)	(9.4)	(27.7)	8/11/19 22:45	(67.8)	(15.5)	(0.0)	(83.3)
8/11/19 10:00	31.5	(37.3)	20.0	15.1	8/11/19 23:00	(20.1)	(14.6)	0.0	(34.6)
8/11/19 10:15	49.1	(40.5)	(12.2)	(8.5)	8/11/19 23:15	(45.5)	(4.1)	(0.0)	(49.4)
8/11/19 10:30	35.0	(38.1)	(20.3)	(26.0)	8/11/19 23:30	(63.1)	(16.8)	(0.0)	(80.0)
8/11/19 10:45	53.4	(10.4)	(2.3)	44.0	8/11/19 23:45	(8.4)	(16.5)	0.0	(23.4)
8/11/19 11:00	40.0	15.1	3.5	58.5	8/12/19 0:00	(30.7)	5.1	(0.0)	(25.6)
8/11/19 11:15	64.8	13.0	(2.4)	75.5	8/12/19 0:15	(52.9)	(6.0)	(0.0)	(58.8)
8/11/19 11:30	31.3	6.9	0.7	38.7	8/12/19 0:30	(15.6)	4.5	(0.0)	(11.4)
8/11/19 11:45	27.9	5.9	1.2	34.4	8/12/19 0:45	(15.5)	(7.5)	0.0	(23.0)
8/11/19 12:00	35.3	(2.9)	17.5	51.6	8/12/19 1:00	(16.1)	(20.4)	0.0	(36.6)
8/11/19 12:15	31.0	(9.1)	6.1	24.7	8/12/19 1:15	(32.0)	(45.7)	(0.0)	(77.7)
8/11/19 12:30	53.1	(14.9)	(12.2)	26.3	8/12/19 1:30	9.1	(40.2)	(0.0)	(38.9)
8/11/19 12:45	33.6	(28.6)	10.9	15.8	8/12/19 1:45	(16.5)	(22.2)	0.0	(38.8)
8/11/19 13:00	22.9	(25.7)	10.7	9.5	8/12/19 2:00	(36.4)	(3.1)	(0.0)	(39.5)
8/11/19 13:15	3.7	(26.2)	3.6	(23.2)	8/12/19 2:15	20.9	(12.7)	0.0	11.3
8/11/19 13:30	5.5	(25.1)	26.7	13.6	8/12/19 2:30	(8.8)	(24.9)	0.0	(33.7)
8/11/19 13:45	(12.2)	(24.6)	33.2	(7.7)	8/12/19 2:45	(24.4)	(25.6)	0.0	(50.0)
8/11/19 14:00	(39.5)	3.7	(16.3)	(54.0)	8/12/19 3:00	8.5	5.1	(0.0)	11.9
8/11/19 14:15	(51.0)	(4.3)	(4.5)	(57.9)	8/12/19 3:15	(5.9)	(31.0)	(0.0)	(35.9)
8/11/19 14:30	(28.0)	(8.1)	4.1	(32.0)	8/12/19 3:30	(14.7)	(22.2)	0.0	(31.7)
8/11/19 14:45	(4.4)	8.8	6.6	15.8	8/12/19 3:45	(16.1)	37.5	(0.0)	34.3
8/11/19 15:00	7.6	9.9	(12.7)	(19.6)	8/12/19 4:00	34.7	(19.3)	0.0	27.6
8/11/19 15:15	(16.1)	(25.8)	18.4	(27.1)	8/12/19 4:15	23.6	(39.7)	(0.0)	(18.4)
8/11/19 15:30	5.8	(18.9)	11.6	(8.0)	8/12/19 4:30	(10.5)	(17.5)	0.0	(28.0)
8/11/19 15:45	24.4	(33.9)	16.2	12.9	8/12/19 4:45	24.8	(4.7)	0.0	20.9
8/11/19 16:00	20.3	(161.9)	9.6	(133.1)	8/12/19 5:00	35.1	(9.4)	(0.0)	29.1

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/12/19 5:15	36.1	(71.4)	0.0	(36.3)	8/12/19 18:15	6.6	(53.8)	4.9	(48.6)
8/12/19 5:30	83.0	(103.6)	(0.0)	(27.4)	8/12/19 18:30	(10.6)	(57.5)	20.7	(47.3)
8/12/19 5:45	35.1	(39.3)	(0.0)	(5.0)	8/12/19 18:45	(38.1)	(24.3)	24.2	(38.3)
8/12/19 6:00	8.0	(43.7)	0.0	(39.2)	8/12/19 19:00	(58.2)	(14.4)	5.6	(66.9)
8/12/19 6:15	39.7	21.1	0.0	59.5	8/12/19 19:15	(9.5)	(12.3)	2.6	(20.5)
8/12/19 6:30	27.8	(5.0)	(0.8)	23.0	8/12/19 19:30	(34.5)	(63.9)	2.6	(95.7)
8/12/19 6:45	33.2	(5.3)	(8.2)	21.4	8/12/19 19:45	(63.0)	(74.2)	0.9	(136.3)
8/12/19 7:00	22.8	(1.7)	(7.3)	18.4	8/12/19 20:00	(21.3)	(112.7)	0.5	(133.5)
8/12/19 7:15	41.4	(10.1)	(18.7)	14.5	8/12/19 20:15	(5.7)	(77.2)	0.1	(81.0)
8/12/19 7:30	26.2	(15.3)	(18.8)	(7.4)	8/12/19 20:30	(30.1)	(6.0)	0.0	(34.3)
8/12/19 7:45	14.0	8.2	(18.6)	6.8	8/12/19 20:45	(49.0)	10.0	0.0	(39.0)
8/12/19 8:00	47.9	(25.6)	(4.5)	22.9	8/12/19 21:00	(29.8)	(6.8)	0.0	(35.7)
8/12/19 8:15	36.2	(65.6)	18.9	(12.8)	8/12/19 21:15	(36.9)	(44.1)	(0.0)	(81.0)
8/12/19 8:30	16.5	(45.8)	(8.1)	(46.1)	8/12/19 21:30	(67.0)	(29.0)	0.0	(95.9)
8/12/19 8:45	40.0	(19.2)	(11.5)	30.2	8/12/19 21:45	(82.0)	(33.8)	0.0	(115.9)
8/12/19 9:00	45.5	(4.7)	(14.6)	26.9	8/12/19 22:00	(71.0)	(10.2)	(0.0)	(77.1)
8/12/19 9:15	42.9	(33.8)	(2.7)	10.0	8/12/19 22:15	(82.5)	22.2	(0.0)	(60.3)
8/12/19 9:30	17.7	(38.4)	(2.3)	(28.3)	8/12/19 22:30	(86.1)	(11.3)	0.0	(92.5)
8/12/19 9:45	54.9	(25.2)	(8.2)	26.7	8/12/19 22:45	(39.2)	(13.5)	(0.0)	(52.6)
8/12/19 10:00	28.7	20.6	(13.5)	29.8	8/12/19 23:00	(29.2)	21.2	0.0	(12.8)
8/12/19 10:15	(10.9)	41.5	(6.4)	26.5	8/12/19 23:15	(45.4)	(8.8)	0.0	(53.9)
8/12/19 10:30	39.2	(18.0)	(7.6)	13.7	8/12/19 23:30	(75.2)	8.7	(0.0)	(67.7)
8/12/19 10:45	(15.5)	17.9	(1.5)	(4.6)	8/12/19 23:45	(31.5)	32.0	(0.0)	2.5
8/12/19 11:00	16.5	(23.9)	(2.0)	(10.7)	8/13/19 0:00	(19.5)	10.9	(0.0)	(9.5)
8/12/19 11:15	20.9	49.0	(4.2)	58.6	8/13/19 0:15	(16.9)	24.5	0.0	12.7
8/12/19 11:30	40.7	48.6	(0.4)	89.0	8/13/19 0:30	(17.5)	33.8	0.1	18.0
8/12/19 11:45	22.3	25.7	0.3	48.2	8/13/19 0:45	(26.0)	32.9	(0.0)	9.3
8/12/19 12:00	9.0	23.8	0.3	33.1	8/13/19 1:00	5.0	(37.7)	0.0	(37.9)
8/12/19 12:15	37.0	46.7	(0.2)	83.5	8/13/19 1:15	(67.4)	28.3	(0.0)	(43.6)
8/12/19 12:30	17.2	58.8	(0.1)	75.8	8/13/19 1:30	(8.0)	61.7	0.0	56.2
8/12/19 12:45	5.8	68.1	1.1	71.6	8/13/19 1:45	(11.9)	6.7	(0.0)	(6.0)
8/12/19 13:00	42.7	67.2	(0.9)	109.5	8/13/19 2:00	(22.9)	22.3	0.0	(6.1)
8/12/19 13:15	21.1	67.8	(0.2)	88.7	8/13/19 2:15	(31.9)	4.6	0.0	(27.6)
8/12/19 13:30	22.8	66.7	1.8	91.3	8/13/19 2:30	11.6	(3.1)	(0.0)	8.8
8/12/19 13:45	30.4	56.8	(1.4)	85.1	8/13/19 2:45	5.6	10.6	0.0	14.6
8/12/19 14:00	48.0	38.5	0.6	87.0	8/13/19 3:00	(42.9)	(10.2)	0.0	(50.4)
8/12/19 14:15	35.5	35.4	0.8	71.7	8/13/19 3:15	(2.8)	14.6	0.0	12.5
8/12/19 14:30	16.2	23.2	6.9	45.0	8/13/19 3:30	(8.7)	38.7	(0.0)	30.3
8/12/19 14:45	40.7	36.1	(5.7)	74.4	8/13/19 3:45	(4.9)	17.7	0.0	12.9
8/12/19 15:00	39.4	21.1	21.1	81.6	8/13/19 4:00	9.6	16.9	(0.0)	26.5
8/12/19 15:15	29.7	6.9	7.1	41.2	8/13/19 4:15	13.0	13.7	0.0	26.7
8/12/19 15:30	(41.9)	8.8	29.2	(13.2)	8/13/19 4:30	(2.4)	15.2	0.0	13.9
8/12/19 15:45	38.7	17.1	(5.8)	51.3	8/13/19 4:45	9.8	(6.1)	0.0	9.8
8/12/19 16:00	34.3	6.4	16.9	57.7	8/13/19 5:00	21.8	(36.0)	(0.0)	(14.9)
8/12/19 16:15	16.2	3.0	20.2	35.6	8/13/19 5:15	41.9	(79.2)	0.0	(41.5)
8/12/19 16:30	41.1	2.5	9.5	52.9	8/13/19 5:30	22.4	(25.6)	(0.0)	16.4
8/12/19 16:45	11.2	(2.1)	(44.6)	(36.2)	8/13/19 5:45	(7.6)	21.4	(0.0)	15.1
8/12/19 17:00	9.5	(6.7)	(8.3)	(7.6)	8/13/19 6:00	10.1	11.5	0.0	19.4
8/12/19 17:15	(8.6)	6.5	3.7	13.4	8/13/19 6:15	18.3	6.5	(0.1)	19.9
8/12/19 17:30	8.8	(7.5)	11.9	12.1	8/13/19 6:30	18.6	28.5	(2.3)	44.9
8/12/19 17:45	(6.9)	(20.7)	(9.0)	(36.6)	8/13/19 6:45	34.9	38.7	(9.5)	64.1
8/12/19 18:00	(45.1)	(29.6)	14.7	(60.0)	8/13/19 7:00	(21.7)	16.1	(15.8)	(21.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/13/19 7:15	25.1	21.3	(19.9)	26.2	8/13/19 20:15	(46.1)	16.3	(0.0)	(44.1)
8/13/19 7:30	21.7	47.7	(21.9)	47.5	8/13/19 20:30	19.6	42.7	(0.0)	52.0
8/13/19 7:45	14.6	73.2	(19.6)	68.2	8/13/19 20:45	(33.4)	59.3	0.0	25.8
8/13/19 8:00	33.8	67.7	(16.6)	84.9	8/13/19 21:00	(68.9)	24.9	0.0	(44.3)
8/13/19 8:15	33.5	34.1	(13.7)	53.9	8/13/19 21:15	(41.6)	32.6	(0.0)	(9.6)
8/13/19 8:30	30.5	10.0	(7.2)	33.3	8/13/19 21:30	(48.5)	(18.3)	0.0	(65.8)
8/13/19 8:45	34.4	1.6	(3.8)	31.6	8/13/19 21:45	(85.0)	28.2	(0.0)	(57.1)
8/13/19 9:00	35.5	(22.0)	(2.4)	11.2	8/13/19 22:00	(95.4)	(18.7)	0.0	(114.0)
8/13/19 9:15	21.4	(21.1)	(1.3)	(3.7)	8/13/19 22:15	(53.3)	(19.4)	(0.0)	(72.7)
8/13/19 9:30	31.3	2.8	(1.1)	31.1	8/13/19 22:30	(55.0)	(29.7)	0.0	(84.7)
8/13/19 9:45	34.7	(13.0)	(0.6)	21.0	8/13/19 22:45	(49.5)	(22.8)	(0.0)	(66.4)
8/13/19 10:00	36.5	(12.5)	(0.4)	23.6	8/13/19 23:00	(45.6)	91.5	0.0	45.9
8/13/19 10:15	26.5	(3.8)	(0.3)	22.5	8/13/19 23:15	(24.4)	78.2	(0.0)	53.8
8/13/19 10:30	35.1	2.4	0.1	37.3	8/13/19 23:30	(50.7)	68.7	0.0	18.0
8/13/19 10:45	39.6	13.3	(0.1)	52.8	8/13/19 23:45	(73.7)	61.7	0.0	(12.6)
8/13/19 11:00	33.6	18.9	0.1	52.6	8/14/19 0:00	(20.3)	13.5	(0.0)	(9.9)
8/13/19 11:15	20.6	30.9	0.5	52.0	8/14/19 0:15	(34.4)	15.0	(0.0)	(19.4)
8/13/19 11:30	36.0	27.4	0.5	63.9	8/14/19 0:30	(46.3)	21.5	(0.0)	(25.8)
8/13/19 11:45	37.1	22.4	(0.1)	59.4	8/14/19 0:45	(35.7)	(30.8)	0.0	(65.2)
8/13/19 12:00	35.3	14.1	0.2	49.5	8/14/19 1:00	(16.2)	(10.9)	(0.0)	(27.1)
8/13/19 12:15	22.9	10.7	0.5	34.0	8/14/19 1:15	(12.5)	(23.4)	0.0	(34.7)
8/13/19 12:30	31.3	3.8	0.3	35.4	8/14/19 1:30	(32.1)	(12.3)	(0.0)	(44.1)
8/13/19 12:45	39.8	(11.2)	(0.2)	28.7	8/14/19 1:45	(20.9)	19.6	(0.0)	(14.9)
8/13/19 13:00	47.0	(28.2)	0.5	19.3	8/14/19 2:00	(10.5)	38.2	0.0	31.5
8/13/19 13:15	46.8	(41.7)	(0.4)	11.9	8/14/19 2:15	(16.2)	37.3	(0.0)	23.5
8/13/19 13:30	(8.2)	(21.1)	(0.7)	(27.4)	8/14/19 2:30	(37.1)	(4.2)	0.0	(41.3)
8/13/19 13:45	25.5	(35.1)	(0.2)	(15.3)	8/14/19 2:45	15.8	(3.3)	0.0	13.4
8/13/19 14:00	(14.5)	(49.3)	0.4	(62.1)	8/14/19 3:00	11.2	(22.8)	0.0	(14.0)
8/13/19 14:15	57.5	12.9	0.6	61.7	8/14/19 3:15	48.2	(40.3)	(0.0)	20.0
8/13/19 14:30	35.0	(84.1)	0.4	(48.8)	8/14/19 3:30	(29.6)	(35.9)	0.0	(65.5)
8/13/19 14:45	29.7	(9.0)	(0.2)	28.9	8/14/19 3:45	(7.2)	(30.7)	0.0	(38.0)
8/13/19 15:00	21.1	9.6	0.4	31.2	8/14/19 4:00	7.8	5.0	0.0	11.9
8/13/19 15:15	31.9	13.9	1.1	46.9	8/14/19 4:15	40.7	32.6	(0.0)	73.4
8/13/19 15:30	46.6	62.4	0.6	109.1	8/14/19 4:30	5.5	(19.7)	0.0	(17.9)
8/13/19 15:45	(8.0)	49.6	(0.8)	47.9	8/14/19 4:45	8.6	(145.7)	(0.0)	(142.5)
8/13/19 16:00	17.8	(5.2)	10.8	19.3	8/14/19 5:00	20.2	(66.1)	0.0	(76.1)
8/13/19 16:15	46.1	(29.5)	7.4	26.7	8/14/19 5:15	53.8	(43.4)	(0.0)	29.5
8/13/19 16:30	(14.3)	(57.7)	9.9	(58.5)	8/14/19 5:30	33.4	59.3	0.0	92.0
8/13/19 16:45	52.7	(82.2)	5.1	(24.4)	8/14/19 5:45	4.6	5.9	(0.0)	6.8
8/13/19 17:00	19.7	(56.7)	4.3	(37.9)	8/14/19 6:00	37.5	(41.0)	(0.0)	(4.1)
8/13/19 17:15	35.9	75.2	7.9	119.0	8/14/19 6:15	37.6	(35.3)	(0.1)	3.4
8/13/19 17:30	(22.8)	46.2	7.3	30.1	8/14/19 6:30	(13.0)	(8.4)	(1.1)	(18.1)
8/13/19 17:45	31.9	(119.8)	4.5	(84.0)	8/14/19 6:45	46.2	(77.7)	(5.9)	(37.5)
8/13/19 18:00	(14.7)	(37.4)	11.3	(33.8)	8/14/19 7:00	20.5	(22.4)	(8.4)	(14.7)
8/13/19 18:15	(67.4)	8.5	12.9	(47.3)	8/14/19 7:15	51.1	(64.9)	(10.5)	(24.3)
8/13/19 18:30	(15.4)	13.7	26.3	26.8	8/14/19 7:30	(11.9)	19.3	(12.3)	11.3
8/13/19 18:45	(30.7)	(27.7)	7.7	(50.6)	8/14/19 7:45	41.7	(16.1)	(14.4)	13.6
8/13/19 19:00	(39.3)	(37.0)	7.5	(68.8)	8/14/19 8:00	26.7	2.1	(7.0)	19.9
8/13/19 19:15	(75.8)	(33.3)	4.8	(104.3)	8/14/19 8:15	16.3	10.5	(8.4)	4.4
8/13/19 19:30	(32.2)	(31.1)	4.4	(58.9)	8/14/19 8:30	30.3	17.5	(5.4)	39.6
8/13/19 19:45	(43.2)	(10.9)	2.0	(49.8)	8/14/19 8:45	(7.1)	(4.1)	(5.0)	(11.9)
8/13/19 20:00	(50.9)	(28.8)	0.3	(79.4)	8/14/19 9:00	49.8	(44.4)	(2.6)	6.5

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/14/19 9:15	(10.8)	(35.8)	(2.5)	(39.4)	8/14/19 22:15	(85.1)	18.6	0.0	(66.5)
8/14/19 9:30	39.4	(13.5)	(10.8)	18.0	8/14/19 22:30	(67.7)	51.2	0.0	(18.8)
8/14/19 9:45	30.7	(19.3)	(5.3)	6.1	8/14/19 22:45	(43.0)	49.8	(0.0)	10.5
8/14/19 10:00	34.9	(14.4)	(16.4)	6.9	8/14/19 23:00	(52.6)	60.0	0.0	13.2
8/14/19 10:15	(25.2)	35.5	(16.1)	(8.1)	8/14/19 23:15	(52.1)	9.7	0.0	(42.4)
8/14/19 10:30	35.1	(16.2)	(4.3)	15.0	8/14/19 23:30	(40.5)	45.7	(0.0)	31.1
8/14/19 10:45	11.1	(7.4)	0.3	5.4	8/14/19 23:45	17.3	76.9	(0.0)	94.0
8/14/19 11:00	56.7	(85.2)	2.1	(26.4)	8/15/19 0:00	(26.6)	29.1	(0.0)	14.9
8/14/19 11:15	31.5	(51.1)	(0.5)	(22.1)	8/15/19 0:15	(35.2)	17.6	(0.0)	(18.2)
8/14/19 11:30	18.2	22.2	(1.6)	22.2	8/15/19 0:30	(16.6)	23.3	(0.0)	7.2
8/14/19 11:45	54.0	22.4	0.3	69.1	8/15/19 0:45	(19.2)	8.8	(0.0)	(10.5)
8/14/19 12:00	50.5	21.7	0.0	68.2	8/15/19 1:00	(47.9)	7.0	0.0	(40.9)
8/14/19 12:15	44.9	37.1	0.1	82.1	8/15/19 1:15	(8.9)	(1.4)	0.0	(9.1)
8/14/19 12:30	(58.8)	49.8	0.3	(16.8)	8/15/19 1:30	(26.9)	35.3	(0.0)	12.6
8/14/19 12:45	88.7	36.7	0.6	125.1	8/15/19 1:45	(45.3)	57.7	0.0	17.6
8/14/19 13:00	39.0	50.8	0.7	84.1	8/15/19 2:00	(10.2)	64.1	(0.0)	58.7
8/14/19 13:15	55.2	63.6	0.1	118.8	8/15/19 2:15	(20.7)	5.2	(0.0)	(15.8)
8/14/19 13:30	8.9	64.9	0.3	74.1	8/15/19 2:30	(30.7)	9.7	0.0	(20.9)
8/14/19 13:45	39.1	70.9	1.3	111.2	8/15/19 2:45	(11.5)	22.2	0.0	23.3
8/14/19 14:00	32.9	103.1	(1.4)	134.7	8/15/19 3:00	(16.1)	11.1	0.0	(11.2)
8/14/19 14:15	9.5	68.5	9.2	78.1	8/15/19 3:15	(8.8)	8.3	0.0	(6.4)
8/14/19 14:30	57.2	58.6	12.0	121.4	8/15/19 3:30	(20.2)	2.5	(0.0)	(18.8)
8/14/19 14:45	29.0	38.0	(8.3)	64.6	8/15/19 3:45	(13.4)	3.9	(0.0)	(9.8)
8/14/19 15:00	25.5	49.7	(6.8)	71.3	8/15/19 4:00	5.2	6.3	0.0	10.7
8/14/19 15:15	23.5	29.9	(2.8)	50.6	8/15/19 4:15	(9.0)	2.3	(0.0)	(9.7)
8/14/19 15:30	29.1	(8.5)	14.0	36.3	8/15/19 4:30	19.0	14.4	0.0	32.6
8/14/19 15:45	17.2	(33.4)	5.4	(17.1)	8/15/19 4:45	16.4	2.2	(0.0)	16.5
8/14/19 16:00	24.4	(38.0)	15.0	(5.1)	8/15/19 5:00	(9.5)	15.1	0.0	12.1
8/14/19 16:15	24.9	(32.1)	(19.7)	(23.1)	8/15/19 5:15	50.6	(80.2)	(0.0)	(34.4)
8/14/19 16:30	29.0	(22.1)	41.7	48.6	8/15/19 5:30	26.8	(40.2)	0.0	(28.0)
8/14/19 16:45	7.2	(16.0)	(1.6)	(16.5)	8/15/19 5:45	35.5	15.1	(0.0)	50.5
8/14/19 17:00	13.3	(43.4)	4.6	(29.0)	8/15/19 6:00	31.9	29.6	(0.0)	61.5
8/14/19 17:15	20.1	(35.4)	3.6	(13.4)	8/15/19 6:15	37.8	(49.1)	(0.1)	(24.6)
8/14/19 17:30	20.7	(37.3)	6.1	(26.8)	8/15/19 6:30	24.6	(47.8)	(1.6)	(24.8)
8/14/19 17:45	(16.8)	(57.0)	(20.8)	(83.3)	8/15/19 6:45	11.0	(44.2)	(8.8)	(42.0)
8/14/19 18:00	(19.5)	(35.6)	(9.9)	(55.7)	8/15/19 7:00	46.5	(52.2)	(15.6)	(21.2)
8/14/19 18:15	(26.6)	13.0	10.8	(6.9)	8/15/19 7:15	(15.6)	81.2	(19.6)	50.7
8/14/19 18:30	(49.2)	(8.4)	23.7	(33.9)	8/15/19 7:30	8.5	108.8	(21.2)	90.3
8/14/19 18:45	(15.3)	4.8	26.9	20.7	8/15/19 7:45	29.3	53.4	(19.7)	48.1
8/14/19 19:00	(28.4)	8.3	17.4	(16.2)	8/15/19 8:00	35.9	(32.2)	(17.2)	36.1
8/14/19 19:15	(31.3)	10.4	7.6	(17.4)	8/15/19 8:15	16.3	39.6	(13.7)	41.2
8/14/19 19:30	(53.2)	27.6	5.6	(22.7)	8/15/19 8:30	9.5	19.2	(7.1)	24.3
8/14/19 19:45	(31.7)	36.1	2.8	14.3	8/15/19 8:45	22.0	58.6	(3.6)	77.0
8/14/19 20:00	(42.4)	(37.6)	0.6	(79.4)	8/15/19 9:00	54.1	33.5	(3.1)	84.5
8/14/19 20:15	(28.2)	(111.4)	(0.0)	(139.7)	8/15/19 9:15	45.6	(57.0)	(2.1)	(26.6)
8/14/19 20:30	(9.1)	(160.5)	(0.0)	(166.0)	8/15/19 9:30	39.2	(41.1)	(1.1)	17.3
8/14/19 20:45	(39.6)	(123.5)	0.0	(163.0)	8/15/19 9:45	16.9	67.5	(0.5)	84.0
8/14/19 21:00	(47.9)	(54.3)	0.0	(102.2)	8/15/19 10:00	44.7	73.4	(0.4)	117.7
8/14/19 21:15	(86.7)	(97.7)	0.1	(184.4)	8/15/19 10:15	41.7	31.0	(0.3)	72.4
8/14/19 21:30	(45.6)	(54.7)	0.0	(100.3)	8/15/19 10:30	41.2	21.6	(0.2)	62.7
8/14/19 21:45	(42.5)	(31.3)	(0.0)	(73.8)	8/15/19 10:45	7.8	34.6	(0.1)	35.8
8/14/19 22:00	(71.5)	(14.0)	0.0	(82.3)	8/15/19 11:00	26.1	44.9	(0.1)	66.1

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/15/19 11:15	25.3	41.0	0.2	58.0	8/16/19 0:15	(35.2)	7.5	(0.0)	(29.2)
8/15/19 11:30	40.7	28.8	0.5	70.1	8/16/19 0:30	(33.7)	(14.2)	0.0	(46.6)
8/15/19 11:45	18.6	28.1	0.6	47.2	8/16/19 0:45	(31.2)	62.9	(0.0)	31.7
8/15/19 12:00	47.0	28.6	1.2	76.7	8/16/19 1:00	(22.6)	8.5	(0.0)	(16.0)
8/15/19 12:15	49.2	26.1	(0.4)	75.0	8/16/19 1:15	21.5	37.7	0.0	56.5
8/15/19 12:30	(26.2)	25.3	0.2	(6.7)	8/16/19 1:30	(19.1)	(35.5)	(0.0)	(53.4)
8/15/19 12:45	51.8	18.0	0.3	68.7	8/16/19 1:45	(26.9)	42.6	(0.0)	20.9
8/15/19 13:00	63.9	(2.6)	0.6	62.1	8/16/19 2:00	(45.5)	17.9	0.0	(39.1)
8/15/19 13:15	56.3	(1.2)	4.0	59.4	8/16/19 2:15	(30.6)	(18.6)	0.1	(49.1)
8/15/19 13:30	6.8	(10.3)	10.2	10.7	8/16/19 2:30	(24.8)	110.6	0.0	85.8
8/15/19 13:45	34.3	13.9	(8.6)	44.4	8/16/19 2:45	(50.9)	14.2	0.0	(37.1)
8/15/19 14:00	28.9	23.6	4.5	52.6	8/16/19 3:00	21.9	16.4	0.0	38.0
8/15/19 14:15	68.5	21.1	(6.7)	84.0	8/16/19 3:15	9.1	27.6	0.0	27.9
8/15/19 14:30	45.2	15.3	(2.3)	58.4	8/16/19 3:30	13.6	(28.6)	(0.0)	(24.5)
8/15/19 14:45	(13.9)	6.9	0.5	17.8	8/16/19 3:45	(28.1)	(31.8)	(0.0)	(55.8)
8/15/19 15:00	32.9	3.1	37.2	67.3	8/16/19 4:00	10.4	66.3	0.0	76.7
8/15/19 15:15	43.1	8.2	(14.9)	42.6	8/16/19 4:15	12.4	20.6	(0.0)	31.3
8/15/19 15:30	24.9	(5.8)	41.7	60.9	8/16/19 4:30	10.6	(10.1)	0.0	(13.0)
8/15/19 15:45	(16.4)	(8.6)	10.2	(16.4)	8/16/19 4:45	19.1	(14.6)	(0.0)	5.2
8/15/19 16:00	50.5	(20.2)	(14.0)	18.8	8/16/19 5:00	18.7	2.1	(0.0)	18.3
8/15/19 16:15	18.0	(22.3)	8.0	(4.3)	8/16/19 5:15	23.7	(11.2)	0.0	15.2
8/15/19 16:30	(7.7)	(37.3)	5.8	(39.4)	8/16/19 5:30	34.2	(14.0)	(0.0)	20.2
8/15/19 16:45	26.1	(45.0)	17.3	(4.3)	8/16/19 5:45	28.1	(23.8)	(0.0)	6.0
8/15/19 17:00	14.5	(39.2)	12.3	(19.6)	8/16/19 6:00	20.7	(17.6)	0.0	(5.3)
8/15/19 17:15	(25.8)	(42.8)	5.6	(61.0)	8/16/19 6:15	44.2	(38.6)	(0.1)	7.3
8/15/19 17:30	44.4	(60.7)	(17.0)	(35.9)	8/16/19 6:30	30.9	8.9	(1.9)	36.8
8/15/19 17:45	(11.3)	(104.4)	(8.4)	(124.1)	8/16/19 6:45	11.7	(9.1)	(8.2)	(9.9)
8/15/19 18:00	(37.7)	(130.2)	(3.2)	(171.0)	8/16/19 7:00	46.6	(15.4)	(15.8)	21.4
8/15/19 18:15	(22.3)	24.4	2.1	(23.0)	8/16/19 7:15	14.4	73.1	(19.7)	66.1
8/15/19 18:30	(22.1)	42.6	11.5	32.0	8/16/19 7:30	(12.0)	96.0	(17.9)	74.4
8/15/19 18:45	(38.5)	(11.7)	3.1	(45.2)	8/16/19 7:45	24.8	123.4	(13.3)	134.8
8/15/19 19:00	(28.2)	(47.8)	15.1	(60.9)	8/16/19 8:00	23.9	117.6	(24.9)	116.6
8/15/19 19:15	(13.5)	(44.5)	13.6	(43.0)	8/16/19 8:15	(33.4)	68.1	(15.0)	19.8
8/15/19 19:30	(51.0)	(39.4)	6.1	(84.2)	8/16/19 8:30	7.5	34.6	(7.1)	28.5
8/15/19 19:45	(41.4)	(70.9)	2.3	(108.9)	8/16/19 8:45	6.0	12.3	(3.0)	15.6
8/15/19 20:00	(14.9)	(18.2)	0.3	(27.9)	8/16/19 9:00	(38.9)	(45.2)	(3.1)	(85.4)
8/15/19 20:15	(23.2)	(8.8)	0.0	(29.3)	8/16/19 9:15	23.2	(45.2)	2.7	(34.7)
8/15/19 20:30	(44.6)	(14.2)	(0.0)	(58.6)	8/16/19 9:30	(7.8)	(18.1)	4.5	(23.3)
8/15/19 20:45	(26.0)	6.9	(0.0)	(21.5)	8/16/19 9:45	31.6	46.8	(2.5)	76.9
8/15/19 21:00	(58.6)	7.3	(0.0)	(57.0)	8/16/19 10:00	59.9	38.2	(2.7)	95.5
8/15/19 21:15	(98.7)	12.3	0.0	(88.8)	8/16/19 10:15	5.2	31.1	2.5	35.7
8/15/19 21:30	(39.7)	(86.6)	0.0	(126.4)	8/16/19 10:30	43.2	48.2	(4.5)	87.0
8/15/19 21:45	(39.5)	(87.0)	(0.0)	(126.6)	8/16/19 10:45	28.6	30.4	(2.7)	57.4
8/15/19 22:00	(74.9)	(28.1)	0.0	(98.1)	8/16/19 11:00	(8.9)	16.5	2.1	16.8
8/15/19 22:15	(59.8)	58.4	(0.0)	(13.5)	8/16/19 11:15	36.6	7.8	(1.5)	43.2
8/15/19 22:30	(62.6)	23.4	0.0	(39.6)	8/16/19 11:30	28.2	9.2	0.9	38.3
8/15/19 22:45	(70.7)	(16.1)	(0.0)	(86.7)	8/16/19 11:45	9.7	3.4	0.9	12.7
8/15/19 23:00	(63.6)	(2.2)	0.0	(64.1)	8/16/19 12:00	41.4	(8.1)	1.0	34.3
8/15/19 23:15	(38.5)	(10.0)	0.0	(43.6)	8/16/19 12:15	41.8	(9.1)	15.2	47.3
8/15/19 23:30	(59.2)	(19.7)	0.0	(74.6)	8/16/19 12:30	14.2	(12.3)	15.5	(26.9)
8/15/19 23:45	(53.8)	(19.8)	(0.0)	(72.6)	8/16/19 12:45	47.4	(14.4)	(16.1)	47.1
8/16/19 0:00	6.7	27.4	(0.0)	28.9	8/16/19 13:00	39.2	(24.1)	16.7	34.0

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/16/19 13:15	36.2	(23.8)	(20.0)	(10.7)	8/17/19 2:15	(12.0)	29.1	(0.0)	19.6
8/16/19 13:30	15.0	(16.6)	18.1	15.6	8/17/19 2:30	(6.8)	19.8	0.0	16.3
8/16/19 13:45	60.4	(24.4)	3.5	38.3	8/17/19 2:45	(23.2)	(26.2)	0.0	(44.2)
8/16/19 14:00	24.0	(35.8)	28.8	16.4	8/17/19 3:00	(17.3)	23.7	(0.0)	17.5
8/16/19 14:15	(9.0)	(14.6)	8.7	(21.5)	8/17/19 3:15	5.6	11.7	0.0	13.0
8/16/19 14:30	25.5	(49.3)	11.9	(24.1)	8/17/19 3:30	(25.8)	26.8	(0.0)	7.3
8/16/19 14:45	48.9	(37.0)	4.3	12.1	8/17/19 3:45	(9.2)	9.7	(0.0)	7.7
8/16/19 15:00	56.2	(31.5)	27.6	49.9	8/17/19 4:00	(4.5)	10.5	(0.0)	9.5
8/16/19 15:15	(12.6)	21.7	(18.1)	(22.8)	8/17/19 4:15	(17.7)	8.0	0.0	(11.2)
8/16/19 15:30	8.1	21.3	(2.8)	26.1	8/17/19 4:30	(12.9)	14.4	(0.0)	7.5
8/16/19 15:45	22.1	(104.9)	7.4	(77.0)	8/17/19 4:45	9.1	(10.9)	0.0	5.2
8/16/19 16:00	42.8	(94.4)	(9.6)	(62.2)	8/17/19 5:00	(12.7)	(6.6)	(0.0)	(16.8)
8/16/19 16:15	20.0	45.1	4.9	63.0	8/17/19 5:15	28.7	(14.5)	0.0	17.5
8/16/19 16:30	35.9	39.6	6.7	77.0	8/17/19 5:30	12.1	(15.6)	(0.0)	(5.9)
8/16/19 16:45	33.9	(165.0)	12.9	(118.8)	8/17/19 5:45	(10.5)	(9.1)	0.0	(14.4)
8/16/19 17:00	(16.6)	(84.6)	4.5	(95.0)	8/17/19 6:00	31.8	(18.6)	(0.0)	17.8
8/16/19 17:15	13.5	29.2	29.1	66.3	8/17/19 6:15	2.6	(13.4)	(0.0)	(12.5)
8/16/19 17:30	7.5	167.8	(18.8)	156.3	8/17/19 6:30	(29.4)	21.3	(1.5)	(10.9)
8/16/19 17:45	(11.5)	95.3	(16.8)	76.0	8/17/19 6:45	31.0	(13.0)	(7.4)	14.5
8/16/19 18:00	(36.0)	(54.6)	10.3	(83.3)	8/17/19 7:00	25.8	7.6	(14.3)	18.5
8/16/19 18:15	(5.1)	(13.7)	(17.0)	(28.0)	8/17/19 7:15	(60.3)	75.1	(19.0)	(6.4)
8/16/19 18:30	(16.2)	15.9	25.2	36.2	8/17/19 7:30	57.1	(21.8)	(20.9)	20.3
8/16/19 18:45	(72.3)	(82.2)	5.8	(148.7)	8/17/19 7:45	29.9	(10.0)	(19.8)	4.9
8/16/19 19:00	(19.2)	(77.3)	14.1	(82.4)	8/17/19 8:00	9.6	33.2	(17.0)	23.8
8/16/19 19:15	(64.4)	48.9	3.0	(24.9)	8/17/19 8:15	47.7	29.2	(14.5)	46.4
8/16/19 19:30	(38.9)	21.4	3.9	(21.6)	8/17/19 8:30	51.4	(41.4)	(8.2)	26.5
8/16/19 19:45	(41.6)	(13.9)	2.1	(40.2)	8/17/19 8:45	26.5	80.5	(4.3)	99.4
8/16/19 20:00	13.3	(96.6)	0.1	(83.2)	8/17/19 9:00	7.4	63.5	(2.8)	65.9
8/16/19 20:15	9.7	(69.3)	0.0	(62.4)	8/17/19 9:15	34.5	43.8	(1.8)	76.5
8/16/19 20:30	(67.0)	(75.1)	(0.0)	(142.1)	8/17/19 9:30	32.9	51.6	(0.9)	83.6
8/16/19 20:45	(31.3)	(17.2)	0.0	(48.5)	8/17/19 9:45	46.1	44.6	(0.5)	90.2
8/16/19 21:00	(32.8)	(38.1)	(0.0)	(68.8)	8/17/19 10:00	23.2	34.3	(0.3)	57.1
8/16/19 21:15	(28.8)	57.4	(0.0)	28.6	8/17/19 10:15	23.6	9.2	(0.4)	32.3
8/16/19 21:30	(49.0)	69.2	(0.0)	29.8	8/17/19 10:30	55.2	(6.4)	(0.3)	49.2
8/16/19 21:45	(55.6)	156.5	0.0	101.9	8/17/19 10:45	52.8	13.3	0.5	66.6
8/16/19 22:00	(59.6)	145.6	0.0	90.1	8/17/19 11:00	16.8	14.2	0.1	31.1
8/16/19 22:15	(66.0)	40.5	(0.0)	(30.2)	8/17/19 11:15	5.2	6.5	0.3	8.8
8/16/19 22:30	(59.5)	72.8	(0.0)	16.0	8/17/19 11:30	19.4	(13.1)	0.2	9.4
8/16/19 22:45	(63.2)	15.1	0.0	(51.8)	8/17/19 11:45	70.3	(10.2)	0.1	60.2
8/16/19 23:00	(35.2)	(29.5)	0.0	(60.5)	8/17/19 12:00	12.5	(26.4)	0.4	(14.1)
8/16/19 23:15	20.8	(98.4)	0.0	(84.8)	8/17/19 12:15	(14.9)	(30.6)	(0.5)	(34.9)
8/16/19 23:30	(44.2)	(105.4)	(0.0)	(149.6)	8/17/19 12:30	17.1	(86.9)	5.5	(74.8)
8/16/19 23:45	(34.7)	30.5	0.0	(12.4)	8/17/19 12:45	14.1	(53.4)	5.5	(42.6)
8/17/19 0:00	(17.4)	(74.2)	0.0	(91.6)	8/17/19 13:00	34.5	(71.6)	7.0	(42.5)
8/17/19 0:15	(32.0)	41.8	0.0	12.4	8/17/19 13:15	24.4	(14.1)	8.1	18.3
8/17/19 0:30	(33.7)	(7.2)	(0.0)	(40.6)	8/17/19 13:30	42.9	(37.3)	(2.5)	6.9
8/17/19 0:45	(23.1)	(4.0)	0.0	(24.8)	8/17/19 13:45	43.7	(9.5)	9.6	43.3
8/17/19 1:00	(26.6)	(14.2)	(0.0)	(39.2)	8/17/19 14:00	20.5	13.6	(20.2)	11.3
8/17/19 1:15	(33.9)	(23.5)	0.0	(57.4)	8/17/19 14:15	(19.7)	(86.4)	21.1	(83.1)
8/17/19 1:30	(34.7)	5.5	0.0	(31.8)	8/17/19 14:30	50.9	(108.7)	(24.4)	(84.0)
8/17/19 1:45	(18.0)	(41.9)	(0.0)	(56.7)	8/17/19 14:45	25.3	18.8	6.4	38.1
8/17/19 2:00	(23.6)	37.1	(0.0)	16.6	8/17/19 15:00	19.7	47.2	(7.0)	61.2

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/17/19 15:15	(22.6)	(69.6)	4.0	(85.9)	8/18/19 4:15	4.0	23.4	(0.0)	26.9
8/17/19 15:30	29.9	15.0	25.9	57.4	8/18/19 4:30	(27.5)	7.4	0.0	(25.7)
8/17/19 15:45	9.2	(78.7)	8.4	(80.4)	8/18/19 4:45	17.9	14.7	(0.0)	31.1
8/17/19 16:00	(34.5)	(83.4)	(7.2)	(124.1)	8/18/19 5:00	9.0	9.4	(0.0)	12.7
8/17/19 16:15	(7.4)	36.2	(10.5)	24.6	8/18/19 5:15	(16.0)	(40.6)	0.0	(49.2)
8/17/19 16:30	(34.8)	65.6	8.7	39.2	8/18/19 5:30	19.9	29.8	(0.0)	49.0
8/17/19 16:45	12.6	23.0	(14.1)	16.5	8/18/19 5:45	10.0	41.4	(0.0)	51.4
8/17/19 17:00	(56.9)	32.2	43.2	26.6	8/18/19 6:00	(73.1)	21.0	0.0	(52.0)
8/17/19 17:15	67.0	147.4	(30.1)	184.3	8/18/19 6:15	13.1	10.1	0.0	21.1
8/17/19 17:30	28.9	130.6	10.0	162.1	8/18/19 6:30	4.7	12.6	(0.5)	13.8
8/17/19 17:45	(20.0)	74.3	27.9	87.2	8/18/19 6:45	(20.2)	15.5	(5.7)	(19.5)
8/17/19 18:00	9.2	(77.3)	12.8	(59.4)	8/18/19 7:00	(10.9)	(10.9)	(12.4)	(25.7)
8/17/19 18:15	(35.8)	(149.9)	10.8	(174.9)	8/18/19 7:15	59.2	31.5	(16.2)	74.5
8/17/19 18:30	(38.9)	30.9	12.9	(14.2)	8/18/19 7:30	24.5	55.2	(17.1)	62.7
8/17/19 18:45	(25.9)	(8.3)	9.5	(24.2)	8/18/19 7:45	17.1	61.0	(17.4)	50.5
8/17/19 19:00	(17.2)	(51.2)	9.4	(58.3)	8/18/19 8:00	41.2	35.7	(16.3)	60.6
8/17/19 19:15	(28.2)	(18.3)	10.9	(24.9)	8/18/19 8:15	26.7	4.3	(15.2)	12.9
8/17/19 19:30	18.6	49.7	7.5	62.1	8/18/19 8:30	7.9	3.4	(8.9)	(5.5)
8/17/19 19:45	(10.9)	39.0	3.3	36.6	8/18/19 8:45	(9.1)	14.3	(5.4)	4.6
8/17/19 20:00	(19.5)	70.1	0.4	59.0	8/18/19 9:00	18.7	9.0	(7.1)	20.5
8/17/19 20:15	(24.5)	(48.5)	(0.0)	(68.3)	8/18/19 9:15	31.8	(4.8)	(8.2)	19.3
8/17/19 20:30	(15.5)	(30.4)	0.0	(34.6)	8/18/19 9:30	20.7	(3.9)	(3.2)	14.2
8/17/19 20:45	(38.6)	7.0	0.0	(38.5)	8/18/19 9:45	18.9	(6.7)	(0.7)	13.8
8/17/19 21:00	(56.5)	(15.4)	(0.0)	(70.3)	8/18/19 10:00	(21.8)	(13.1)	(0.6)	(34.8)
8/17/19 21:15	13.8	(57.1)	0.0	(51.1)	8/18/19 10:15	22.2	(1.1)	(0.5)	21.0
8/17/19 21:30	(31.3)	(27.2)	(0.0)	(58.5)	8/18/19 10:30	15.5	(4.6)	(0.1)	10.9
8/17/19 21:45	(59.3)	(21.2)	0.0	(80.3)	8/18/19 10:45	33.7	(10.3)	0.1	23.5
8/17/19 22:00	(18.7)	2.7	0.0	(16.5)	8/18/19 11:00	21.2	(22.1)	0.4	(8.4)
8/17/19 22:15	(26.5)	(19.1)	(0.0)	(45.6)	8/18/19 11:15	18.7	(27.4)	0.1	(15.9)
8/17/19 22:30	(77.0)	(48.4)	0.0	(125.5)	8/18/19 11:30	46.1	(29.8)	(0.2)	18.3
8/17/19 22:45	(27.8)	(4.3)	(0.0)	(32.1)	8/18/19 11:45	34.5	(22.0)	0.5	12.9
8/17/19 23:00	(31.5)	(21.1)	(0.0)	(52.4)	8/18/19 12:00	5.7	(30.0)	0.5	(25.8)
8/17/19 23:15	(29.8)	46.1	0.0	19.5	8/18/19 12:15	58.6	(36.9)	0.5	22.2
8/17/19 23:30	(25.2)	125.4	0.0	100.2	8/18/19 12:30	40.6	(22.3)	0.2	18.6
8/17/19 23:45	10.8	99.8	(0.0)	110.6	8/18/19 12:45	7.7	(28.0)	0.7	(23.2)
8/18/19 0:00	(76.9)	120.6	(0.0)	45.0	8/18/19 13:00	60.8	(33.7)	1.0	31.2
8/18/19 0:15	(39.3)	25.2	(0.0)	(16.8)	8/18/19 13:15	49.4	(34.9)	0.8	15.2
8/18/19 0:30	(9.1)	(9.4)	(0.0)	(15.5)	8/18/19 13:30	27.2	(27.0)	0.1	10.3
8/18/19 0:45	(44.0)	(10.1)	0.0	(50.8)	8/18/19 13:45	32.0	(7.0)	0.7	34.4
8/18/19 1:00	(16.3)	(85.5)	(0.0)	(101.9)	8/18/19 14:00	48.2	(10.9)	1.0	38.9
8/18/19 1:15	(16.8)	(65.3)	0.0	(82.1)	8/18/19 14:15	65.6	(3.0)	0.6	64.2
8/18/19 1:30	(37.8)	(43.8)	(0.0)	(81.6)	8/18/19 14:30	50.1	(16.8)	0.4	33.8
8/18/19 1:45	(15.0)	(12.5)	(0.0)	(23.4)	8/18/19 14:45	37.0	(3.3)	0.4	34.2
8/18/19 2:00	(12.9)	(6.2)	(0.0)	(18.8)	8/18/19 15:00	55.1	(13.3)	0.2	41.9
8/18/19 2:15	(22.1)	10.0	0.0	(13.6)	8/18/19 15:15	56.8	(10.0)	(0.5)	47.0
8/18/19 2:30	(12.4)	36.7	0.0	35.2	8/18/19 15:30	16.3	15.6	0.2	30.7
8/18/19 2:45	(3.1)	(2.6)	0.0	(2.3)	8/18/19 15:45	48.7	(5.6)	0.3	48.4
8/18/19 3:00	(30.9)	13.0	0.0	(20.4)	8/18/19 16:00	44.9	(18.6)	0.4	32.1
8/18/19 3:15	16.1	7.5	0.0	17.7	8/18/19 16:15	58.7	(13.3)	0.6	46.1
8/18/19 3:30	4.2	24.5	(0.0)	27.1	8/18/19 16:30	23.4	9.7	3.2	31.4
8/18/19 3:45	(30.7)	(11.6)	0.0	(42.1)	8/18/19 16:45	63.6	(5.4)	(1.0)	62.6
8/18/19 4:00	14.5	4.6	(0.0)	17.5	8/18/19 17:00	37.2	(24.5)	1.9	16.0

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/18/19 17:15	22.9	(51.0)	3.0	(25.5)	8/19/19 6:15	30.0	53.8	(0.1)	83.7
8/18/19 17:30	(8.2)	(52.6)	3.7	(51.5)	8/19/19 6:30	17.6	55.5	(1.0)	72.1
8/18/19 17:45	40.2	(28.0)	6.9	21.1	8/19/19 6:45	25.8	35.9	(6.4)	55.3
8/18/19 18:00	11.5	(47.6)	11.8	(33.6)	8/19/19 7:00	35.8	24.5	(10.4)	49.9
8/18/19 18:15	(20.0)	(44.4)	21.1	(43.4)	8/19/19 7:15	35.6	10.7	(14.0)	32.4
8/18/19 18:30	(21.2)	(31.5)	15.8	(36.7)	8/19/19 7:30	21.3	3.7	(9.4)	15.6
8/18/19 18:45	4.7	(19.4)	17.0	(5.4)	8/19/19 7:45	25.5	17.3	(21.2)	21.6
8/18/19 19:00	(18.8)	(15.7)	17.7	(16.4)	8/19/19 8:00	18.8	15.2	(14.5)	19.6
8/18/19 19:15	(29.5)	(9.9)	15.2	(25.1)	8/19/19 8:15	28.5	37.1	(15.4)	52.5
8/18/19 19:30	(25.2)	1.7	8.1	(20.5)	8/19/19 8:30	34.8	7.6	(18.3)	24.1
8/18/19 19:45	(26.1)	(23.8)	1.5	(48.3)	8/19/19 8:45	30.8	22.6	(11.3)	42.1
8/18/19 20:00	(29.4)	(33.7)	0.1	(62.1)	8/19/19 9:00	33.1	38.7	(6.1)	68.4
8/18/19 20:15	10.9	(38.2)	0.0	(27.6)	8/19/19 9:15	45.5	42.7	1.7	88.4
8/18/19 20:30	(22.3)	(20.8)	(0.0)	(42.5)	8/19/19 9:30	39.9	15.5	2.5	57.4
8/18/19 20:45	(45.9)	6.4	(0.0)	(41.8)	8/19/19 9:45	42.2	(9.1)	4.3	37.5
8/18/19 21:00	(23.6)	21.6	(0.0)	(9.4)	8/19/19 10:00	43.4	(19.1)	(5.1)	21.9
8/18/19 21:15	(55.1)	(2.7)	0.0	(57.7)	8/19/19 10:15	39.4	8.9	(12.9)	33.4
8/18/19 21:30	(63.0)	4.9	0.0	(58.6)	8/19/19 10:30	33.3	27.6	26.8	87.6
8/18/19 21:45	(48.2)	2.4	(0.0)	(46.4)	8/19/19 10:45	43.0	16.7	(18.2)	42.0
8/18/19 22:00	(79.0)	(7.0)	0.0	(86.0)	8/19/19 11:00	44.5	6.4	2.1	51.3
8/18/19 22:15	(85.3)	2.2	(0.0)	(85.2)	8/19/19 11:15	33.6	(1.4)	(3.8)	30.7
8/18/19 22:30	(46.2)	(3.8)	0.0	(46.1)	8/19/19 11:30	71.5	10.2	(4.4)	77.6
8/18/19 22:45	(21.8)	(23.9)	(0.0)	(45.1)	8/19/19 11:45	53.2	9.5	5.4	67.2
8/18/19 23:00	(49.8)	(5.3)	(0.0)	(55.1)	8/19/19 12:00	36.8	11.5	2.4	48.5
8/18/19 23:15	(60.9)	(5.8)	(0.0)	(66.7)	8/19/19 12:15	28.5	8.1	0.6	36.7
8/18/19 23:30	(74.1)	48.5	(0.0)	(32.5)	8/19/19 12:30	23.8	7.5	(1.3)	30.1
8/18/19 23:45	(42.8)	84.8	0.0	42.2	8/19/19 12:45	74.0	1.4	1.1	75.7
8/19/19 0:00	(27.9)	25.7	0.0	(7.7)	8/19/19 13:00	36.8	2.5	10.9	50.2
8/19/19 0:15	(51.6)	43.9	(0.0)	(10.0)	8/19/19 13:15	67.4	11.8	5.2	82.8
8/19/19 0:30	(16.5)	27.8	(0.0)	13.2	8/19/19 13:30	46.4	8.1	(12.1)	42.5
8/19/19 0:45	(21.8)	16.9	(0.0)	(5.7)	8/19/19 13:45	37.4	(2.2)	4.6	41.8
8/19/19 1:00	(22.0)	17.7	0.0	(5.7)	8/19/19 14:00	31.2	(3.2)	5.0	30.0
8/19/19 1:15	(49.6)	46.6	(0.0)	(6.0)	8/19/19 14:15	56.6	0.7	(3.3)	54.6
8/19/19 1:30	(7.4)	10.3	0.0	10.6	8/19/19 14:30	24.5	(8.5)	8.7	22.0
8/19/19 1:45	(12.8)	7.3	0.0	(5.5)	8/19/19 14:45	10.7	(6.9)	9.8	9.2
8/19/19 2:00	(44.9)	14.5	(0.0)	(31.7)	8/19/19 15:00	48.9	(10.6)	(9.3)	30.9
8/19/19 2:15	14.7	36.9	(0.0)	48.1	8/19/19 15:15	39.3	(12.1)	14.8	41.9
8/19/19 2:30	(10.6)	13.5	0.0	4.1	8/19/19 15:30	27.1	6.0	(10.5)	20.9
8/19/19 2:45	(44.3)	36.3	0.0	(8.8)	8/19/19 15:45	31.2	2.2	7.0	37.0
8/19/19 3:00	(13.2)	14.1	0.0	4.1	8/19/19 16:00	20.5	(8.8)	(4.3)	17.7
8/19/19 3:15	(10.8)	22.7	(0.0)	12.2	8/19/19 16:15	5.2	(20.4)	(11.3)	(30.7)
8/19/19 3:30	(2.8)	3.5	0.0	2.3	8/19/19 16:30	19.9	(45.6)	(8.3)	(37.3)
8/19/19 3:45	(8.5)	4.2	(0.0)	(4.3)	8/19/19 16:45	18.0	(57.7)	33.8	(9.6)
8/19/19 4:00	8.0	3.5	(0.0)	9.8	8/19/19 17:00	(14.2)	(13.1)	15.5	(10.8)
8/19/19 4:15	14.2	(9.2)	(0.0)	5.3	8/19/19 17:15	10.1	2.4	11.2	18.4
8/19/19 4:30	10.1	(12.4)	0.0	(3.6)	8/19/19 17:30	11.1	2.3	(22.2)	(10.7)
8/19/19 4:45	12.7	5.1	(0.0)	16.3	8/19/19 17:45	(7.6)	5.9	(5.1)	(7.6)
8/19/19 5:00	26.8	(47.9)	0.0	(21.1)	8/19/19 18:00	(46.9)	(7.7)	(11.3)	(65.2)
8/19/19 5:15	10.3	(8.1)	0.0	(5.2)	8/19/19 18:15	(7.4)	1.1	45.6	44.1
8/19/19 5:30	(10.5)	47.4	(0.0)	39.6	8/19/19 18:30	(21.6)	3.8	14.3	(9.8)
8/19/19 5:45	(15.6)	(31.2)	0.0	(31.1)	8/19/19 18:45	(45.5)	(23.2)	11.1	(57.6)
8/19/19 6:00	30.8	30.2	(0.0)	55.7	8/19/19 19:00	(48.0)	(54.4)	8.8	(93.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/19/19 19:15	(18.6)	(98.7)	9.4	(103.8)	8/20/19 8:15	30.1	45.7	(6.3)	69.5
8/19/19 19:30	(61.4)	(107.0)	1.5	(166.9)	8/20/19 8:30	46.1	35.3	(5.3)	76.1
8/19/19 19:45	(54.8)	(49.1)	2.1	(101.7)	8/20/19 8:45	37.1	23.3	(8.0)	52.5
8/19/19 20:00	(33.7)	(51.0)	0.1	(84.5)	8/20/19 9:00	10.6	10.6	(9.7)	11.6
8/19/19 20:15	(40.8)	(65.6)	0.0	(106.3)	8/20/19 9:15	34.6	8.1	1.5	42.9
8/19/19 20:30	(34.6)	(86.2)	0.0	(120.8)	8/20/19 9:30	46.5	12.2	4.7	63.4
8/19/19 20:45	(3.7)	(23.8)	(0.0)	(24.5)	8/20/19 9:45	28.8	11.1	(10.1)	32.1
8/19/19 21:00	(33.1)	(16.1)	(0.0)	(49.1)	8/20/19 10:00	18.0	4.4	(15.7)	12.3
8/19/19 21:15	(99.0)	10.9	0.0	(91.6)	8/20/19 10:15	58.5	4.7	(14.3)	48.9
8/19/19 21:30	(61.3)	28.2	(0.0)	(33.1)	8/20/19 10:30	52.9	4.4	(1.4)	56.8
8/19/19 21:45	(83.4)	15.6	0.0	(67.8)	8/20/19 10:45	32.3	1.6	0.8	34.1
8/19/19 22:00	(78.8)	(26.6)	(0.0)	(105.4)	8/20/19 11:00	64.9	(3.8)	0.4	61.3
8/19/19 22:15	(29.2)	(32.3)	(0.0)	(61.4)	8/20/19 11:15	75.0	(17.5)	0.7	57.8
8/19/19 22:30	(63.1)	20.9	0.0	(46.8)	8/20/19 11:30	47.4	(14.1)	1.9	34.8
8/19/19 22:45	(101.7)	74.2	0.0	(27.5)	8/20/19 11:45	27.3	(20.4)	(1.8)	6.2
8/19/19 23:00	(44.1)	52.5	(0.0)	9.1	8/20/19 12:00	60.5	(34.6)	0.6	30.7
8/19/19 23:15	(61.1)	25.9	(0.0)	(35.2)	8/20/19 12:15	22.2	(18.7)	0.1	6.8
8/19/19 23:30	(82.1)	38.0	(0.0)	(44.1)	8/20/19 12:30	9.9	(9.0)	1.7	3.2
8/19/19 23:45	(51.2)	49.4	0.0	(9.1)	8/20/19 12:45	41.9	(4.3)	2.4	40.7
8/20/19 0:00	(23.0)	17.2	(0.0)	(12.0)	8/20/19 13:00	52.2	(17.3)	(4.0)	30.9
8/20/19 0:15	(33.8)	(12.6)	(0.0)	(46.0)	8/20/19 13:15	64.4	(33.9)	(0.4)	31.2
8/20/19 0:30	(27.1)	11.1	(0.0)	(24.6)	8/20/19 13:30	(9.0)	(20.8)	(0.2)	(28.5)
8/20/19 0:45	(28.0)	50.2	(0.0)	22.3	8/20/19 13:45	36.6	(2.5)	0.8	35.3
8/20/19 1:00	(56.7)	26.9	(0.0)	(32.1)	8/20/19 14:00	37.1	(11.3)	0.3	27.4
8/20/19 1:15	(23.4)	29.5	0.1	23.6	8/20/19 14:15	40.0	(9.1)	(0.2)	30.8
8/20/19 1:30	(19.4)	47.0	(0.0)	28.7	8/20/19 14:30	38.1	(20.1)	1.9	20.2
8/20/19 1:45	(35.3)	41.7	0.0	14.6	8/20/19 14:45	26.7	(24.2)	1.0	9.0
8/20/19 2:00	(31.4)	25.9	0.0	(6.9)	8/20/19 15:00	14.8	14.6	2.2	30.9
8/20/19 2:15	(47.6)	19.2	(0.0)	(32.8)	8/20/19 15:15	58.9	(37.2)	(2.7)	22.3
8/20/19 2:30	30.5	28.0	0.0	58.5	8/20/19 15:30	40.9	(34.5)	3.4	10.4
8/20/19 2:45	(15.5)	33.7	0.0	19.4	8/20/19 15:45	26.2	(29.7)	(2.5)	(8.3)
8/20/19 3:00	(28.7)	30.4	(0.0)	12.3	8/20/19 16:00	5.2	(73.8)	2.0	(71.4)
8/20/19 3:15	11.2	24.6	0.0	33.6	8/20/19 16:15	25.0	(84.3)	10.9	(49.9)
8/20/19 3:30	(9.4)	25.4	0.0	17.9	8/20/19 16:30	20.8	(83.4)	(8.4)	(68.4)
8/20/19 3:45	(22.7)	23.2	(0.0)	9.5	8/20/19 16:45	9.9	136.2	(1.4)	145.2
8/20/19 4:00	13.1	12.0	0.0	25.1	8/20/19 17:00	(14.9)	49.0	6.5	48.0
8/20/19 4:15	12.6	(13.8)	0.0	(9.1)	8/20/19 17:15	(10.0)	(107.2)	26.9	(88.7)
8/20/19 4:30	(14.5)	(44.6)	(0.0)	(54.3)	8/20/19 17:30	(5.4)	(21.3)	19.6	(15.8)
8/20/19 4:45	34.5	(37.4)	(0.0)	(11.1)	8/20/19 17:45	(32.1)	(34.3)	15.6	(50.8)
8/20/19 5:00	8.5	(42.6)	0.0	(35.9)	8/20/19 18:00	(53.8)	(49.9)	17.3	(86.4)
8/20/19 5:15	39.3	(32.3)	(0.0)	12.6	8/20/19 18:15	(38.6)	(67.8)	(3.9)	(110.3)
8/20/19 5:30	33.9	(33.8)	0.0	5.5	8/20/19 18:30	(23.6)	(48.7)	16.1	(56.3)
8/20/19 5:45	21.0	(21.0)	(0.0)	(6.8)	8/20/19 18:45	(44.4)	(20.2)	8.8	(55.8)
8/20/19 6:00	35.5	(0.6)	(0.0)	35.6	8/20/19 19:00	(39.6)	(43.5)	11.4	(71.6)
8/20/19 6:15	47.0	(1.6)	(0.0)	46.0	8/20/19 19:15	(12.2)	7.4	4.9	(13.7)
8/20/19 6:30	9.5	(5.7)	(0.8)	(10.6)	8/20/19 19:30	(26.1)	8.6	2.0	(23.0)
8/20/19 6:45	24.2	(17.0)	(6.3)	(14.4)	8/20/19 19:45	(35.7)	13.3	0.6	(26.4)
8/20/19 7:00	48.0	(7.4)	(12.0)	28.8	8/20/19 20:00	(44.0)	24.5	(0.0)	(20.2)
8/20/19 7:15	54.4	0.4	(11.8)	44.4	8/20/19 20:15	(37.0)	32.4	0.0	(8.8)
8/20/19 7:30	(6.8)	21.7	(20.5)	13.2	8/20/19 20:30	(14.0)	(65.4)	(0.0)	(74.2)
8/20/19 7:45	13.7	63.1	(18.1)	49.6	8/20/19 20:45	(23.9)	(80.6)	(0.0)	(103.8)
8/20/19 8:00	(34.7)	60.3	5.2	27.8	8/20/19 21:00	(51.0)	(30.9)	0.0	(81.4)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/20/19 21:15	(66.6)	(17.8)	0.0	(84.4)	8/21/19 10:15	18.1	13.8	(1.1)	30.8
8/20/19 21:30	(64.1)	(10.3)	0.0	(74.4)	8/21/19 10:30	36.8	38.2	(2.7)	73.0
8/20/19 21:45	(68.5)	(13.7)	(0.0)	(76.6)	8/21/19 10:45	25.9	43.4	3.0	72.4
8/20/19 22:00	(72.8)	37.5	(0.0)	(35.3)	8/21/19 11:00	15.6	37.1	5.1	50.8
8/20/19 22:15	(79.0)	82.5	0.0	22.0	8/21/19 11:15	49.4	34.6	(3.8)	80.3
8/20/19 22:30	(32.4)	85.5	0.0	53.1	8/21/19 11:30	16.4	23.6	1.6	38.1
8/20/19 22:45	(80.4)	74.8	(0.0)	(7.5)	8/21/19 11:45	44.2	16.7	3.1	62.0
8/20/19 23:00	(81.7)	128.5	0.0	46.8	8/21/19 12:00	16.1	13.5	4.5	29.5
8/20/19 23:15	(12.6)	141.4	0.0	128.8	8/21/19 12:15	33.1	5.5	4.4	40.4
8/20/19 23:30	(66.2)	20.4	(0.0)	(64.3)	8/21/19 12:30	21.5	1.4	19.3	41.1
8/20/19 23:45	(21.0)	(125.0)	0.0	(145.0)	8/21/19 12:45	24.0	(3.7)	(1.5)	20.3
8/21/19 0:00	(9.5)	(12.9)	(0.0)	(15.8)	8/21/19 13:00	48.0	(5.5)	0.7	42.7
8/21/19 0:15	(49.2)	(62.4)	(0.0)	(111.6)	8/21/19 13:15	20.1	(6.2)	4.4	18.2
8/21/19 0:30	(54.9)	(63.0)	(0.0)	(117.9)	8/21/19 13:30	24.6	(4.2)	25.5	43.4
8/21/19 0:45	(19.5)	32.2	0.0	22.2	8/21/19 13:45	(19.4)	(16.7)	14.4	(21.1)
8/21/19 1:00	(30.8)	86.2	(0.0)	55.4	8/21/19 14:00	39.5	(21.2)	10.2	29.1
8/21/19 1:15	(39.8)	120.8	0.0	80.9	8/21/19 14:15	14.2	(13.3)	3.7	4.6
8/21/19 1:30	(22.2)	111.6	(0.0)	91.4	8/21/19 14:30	(14.7)	(8.4)	7.2	(15.8)
8/21/19 1:45	(21.9)	(33.3)	(0.0)	(49.0)	8/21/19 14:45	26.8	(5.0)	2.6	26.8
8/21/19 2:00	(46.3)	(141.6)	0.0	(187.9)	8/21/19 15:00	10.0	5.4	1.3	16.4
8/21/19 2:15	(41.1)	(77.6)	(0.0)	(118.7)	8/21/19 15:15	(10.9)	(2.5)	1.3	(12.1)
8/21/19 2:30	12.1	(70.2)	0.0	(61.2)	8/21/19 15:30	(20.2)	(2.1)	2.7	(18.8)
8/21/19 2:45	8.2	23.0	0.0	31.0	8/21/19 15:45	12.6	(9.1)	2.0	8.2
8/21/19 3:00	9.1	(16.3)	(0.0)	(16.0)	8/21/19 16:00	(8.7)	(20.3)	(1.7)	(28.7)
8/21/19 3:15	(16.3)	13.9	(0.0)	(8.7)	8/21/19 16:15	(54.0)	(37.1)	(1.0)	(91.9)
8/21/19 3:30	21.4	(18.2)	0.0	7.0	8/21/19 16:30	5.5	(63.7)	(1.0)	(61.5)
8/21/19 3:45	(11.4)	27.6	0.0	16.3	8/21/19 16:45	22.7	(70.6)	4.0	(46.1)
8/21/19 4:00	(10.6)	74.8	0.0	64.2	8/21/19 17:00	(3.9)	11.5	4.6	12.8
8/21/19 4:15	32.4	37.6	(0.0)	68.8	8/21/19 17:15	(37.0)	51.8	3.7	21.2
8/21/19 4:30	14.8	4.9	0.0	18.5	8/21/19 17:30	21.2	5.2	0.9	17.0
8/21/19 4:45	(11.6)	(14.3)	0.0	(21.4)	8/21/19 17:45	10.3	(13.1)	2.5	(9.2)
8/21/19 5:00	39.6	36.0	0.0	75.0	8/21/19 18:00	(18.6)	8.0	0.5	(11.9)
8/21/19 5:15	46.0	54.2	0.0	100.2	8/21/19 18:15	(58.5)	(16.6)	(1.6)	(76.3)
8/21/19 5:30	41.0	(8.8)	(0.0)	33.1	8/21/19 18:30	(29.8)	(31.1)	1.5	(59.0)
8/21/19 5:45	14.2	40.4	(0.0)	44.6	8/21/19 18:45	(32.1)	(32.9)	2.1	(62.9)
8/21/19 6:00	11.6	81.5	0.0	83.5	8/21/19 19:00	(67.0)	(59.8)	2.4	(124.3)
8/21/19 6:15	50.0	40.8	(0.0)	90.6	8/21/19 19:15	10.3	(21.9)	1.8	(18.9)
8/21/19 6:30	(14.7)	22.9	(0.3)	22.7	8/21/19 19:30	(33.8)	7.8	2.1	(32.9)
8/21/19 6:45	(15.0)	13.6	(3.5)	14.6	8/21/19 19:45	(14.7)	(61.7)	1.2	(75.3)
8/21/19 7:00	40.3	37.6	(13.0)	64.5	8/21/19 20:00	(11.0)	19.9	0.1	23.2
8/21/19 7:15	16.0	38.1	(16.5)	37.5	8/21/19 20:15	(15.7)	31.0	0.0	16.3
8/21/19 7:30	16.7	20.4	(11.5)	23.8	8/21/19 20:30	(20.6)	(23.9)	(0.0)	(42.5)
8/21/19 7:45	(16.2)	6.3	(26.7)	(33.9)	8/21/19 20:45	(52.7)	(12.9)	0.0	(63.9)
8/21/19 8:00	41.5	12.4	5.1	55.4	8/21/19 21:00	(15.9)	(5.4)	0.0	(18.6)
8/21/19 8:15	14.3	13.2	(15.8)	13.3	8/21/19 21:15	(32.7)	(38.4)	0.0	(71.0)
8/21/19 8:30	14.8	17.7	(28.6)	(6.9)	8/21/19 21:30	(76.5)	(29.3)	(0.0)	(105.8)
8/21/19 8:45	20.3	(13.3)	(5.5)	5.0	8/21/19 21:45	(22.9)	(11.5)	(0.0)	(31.0)
8/21/19 9:00	34.0	(29.1)	(3.1)	6.2	8/21/19 22:00	(47.0)	31.7	(0.0)	(15.3)
8/21/19 9:15	21.0	(47.3)	(3.7)	(34.4)	8/21/19 22:15	(71.2)	15.8	0.0	(65.3)
8/21/19 9:30	31.1	(35.7)	(0.9)	(15.5)	8/21/19 22:30	(40.8)	(60.1)	0.0	(100.9)
8/21/19 9:45	40.1	(23.7)	(0.9)	15.9	8/21/19 22:45	(34.0)	15.9	(0.0)	(26.5)
8/21/19 10:00	38.4	(14.6)	(1.7)	23.3	8/21/19 23:00	(62.0)	(111.2)	(0.0)	(173.3)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/21/19 23:15	28.5	(56.8)	0.0	(67.7)	8/22/19 12:15	38.7	(42.9)	0.2	(4.0)
8/21/19 23:30	(36.4)	16.3	0.0	(29.8)	8/22/19 12:30	51.5	(28.2)	0.5	23.8
8/21/19 23:45	(47.8)	61.2	(0.0)	15.8	8/22/19 12:45	50.8	(25.4)	0.4	26.1
8/22/19 0:00	(67.1)	63.7	(0.0)	(5.1)	8/22/19 13:00	22.3	(34.6)	0.1	(12.3)
8/22/19 0:15	(6.6)	(36.8)	(0.0)	(40.9)	8/22/19 13:15	22.6	(35.0)	(1.3)	(13.7)
8/22/19 0:30	(18.7)	(15.6)	(0.0)	(26.4)	8/22/19 13:30	16.8	(25.7)	(0.5)	(9.3)
8/22/19 0:45	(15.2)	59.9	0.0	44.8	8/22/19 13:45	20.9	(22.5)	1.2	(4.8)
8/22/19 1:00	(35.3)	74.8	(0.0)	40.6	8/22/19 14:00	19.9	(4.6)	5.1	19.7
8/22/19 1:15	10.4	92.1	0.0	94.9	8/22/19 14:15	3.9	(7.9)	2.1	(6.2)
8/22/19 1:30	(19.0)	33.7	0.0	21.7	8/22/19 14:30	(2.1)	16.6	21.2	37.0
8/22/19 1:45	(27.9)	(33.2)	(0.0)	(61.1)	8/22/19 14:45	(5.6)	38.7	22.4	56.1
8/22/19 2:00	9.6	9.5	(0.0)	19.1	8/22/19 15:00	(7.2)	10.2	6.5	11.0
8/22/19 2:15	14.1	(27.9)	(0.0)	(14.3)	8/22/19 15:15	(14.7)	(19.3)	(13.3)	(40.8)
8/22/19 2:30	(38.6)	19.9	0.0	(29.3)	8/22/19 15:30	6.8	43.1	29.7	74.3
8/22/19 2:45	24.5	93.6	0.0	117.0	8/22/19 15:45	12.0	61.5	(13.3)	63.4
8/22/19 3:00	(3.8)	82.4	0.0	78.9	8/22/19 16:00	18.1	22.7	8.4	49.2
8/22/19 3:15	(33.2)	27.4	(0.0)	(21.9)	8/22/19 16:15	30.8	35.7	3.5	70.0
8/22/19 3:30	(24.6)	(13.0)	0.0	(37.6)	8/22/19 16:30	15.5	88.3	21.7	125.5
8/22/19 3:45	3.0	4.3	(0.0)	7.2	8/22/19 16:45	9.3	81.4	5.8	96.5
8/22/19 4:00	7.2	4.0	0.0	10.5	8/22/19 17:00	8.8	(8.1)	(1.9)	10.6
8/22/19 4:15	9.4	21.2	(0.0)	30.5	8/22/19 17:15	3.8	69.7	7.5	79.8
8/22/19 4:30	5.6	12.8	0.0	18.4	8/22/19 17:30	45.2	(70.5)	(5.0)	48.0
8/22/19 4:45	3.9	3.5	0.0	7.1	8/22/19 17:45	19.5	(97.1)	14.3	(74.9)
8/22/19 5:00	10.4	(71.0)	(0.0)	(60.6)	8/22/19 18:00	(45.0)	26.5	4.5	(40.4)
8/22/19 5:15	41.0	(61.3)	0.0	(20.3)	8/22/19 18:15	(50.4)	89.6	(8.2)	34.3
8/22/19 5:30	30.9	(36.6)	(0.0)	(5.7)	8/22/19 18:30	(27.8)	(34.9)	5.6	(57.1)
8/22/19 5:45	37.0	(16.5)	0.0	21.7	8/22/19 18:45	(9.1)	(44.8)	3.3	(44.2)
8/22/19 6:00	44.8	24.1	(0.0)	68.9	8/22/19 19:00	(15.3)	(76.1)	(3.0)	(78.6)
8/22/19 6:15	30.9	11.9	(0.0)	41.9	8/22/19 19:15	(74.9)	46.2	6.1	(23.8)
8/22/19 6:30	24.4	(25.4)	(0.3)	(3.6)	8/22/19 19:30	(34.6)	(29.5)	3.7	(60.0)
8/22/19 6:45	14.1	17.2	(5.2)	25.5	8/22/19 19:45	27.9	(90.3)	0.3	(62.1)
8/22/19 7:00	23.6	(8.3)	(11.3)	8.0	8/22/19 20:00	(1.5)	(18.6)	0.1	(19.1)
8/22/19 7:15	19.1	19.2	(17.1)	20.8	8/22/19 20:15	(10.9)	(15.6)	(0.0)	(26.3)
8/22/19 7:30	11.5	33.1	(19.0)	25.6	8/22/19 20:30	(35.0)	12.6	(0.0)	(32.0)
8/22/19 7:45	22.1	33.8	(18.2)	37.7	8/22/19 20:45	(7.8)	95.4	(0.0)	87.7
8/22/19 8:00	16.8	14.3	(19.5)	11.6	8/22/19 21:00	(36.8)	108.9	0.0	72.1
8/22/19 8:15	23.1	(5.2)	(16.2)	7.3	8/22/19 21:15	(80.6)	65.8	(0.0)	(27.6)
8/22/19 8:30	15.4	(32.5)	(9.2)	(26.3)	8/22/19 21:30	(27.1)	11.1	0.0	(24.0)
8/22/19 8:45	(17.3)	(5.6)	(5.0)	(20.4)	8/22/19 21:45	(46.4)	(50.4)	0.0	(96.8)
8/22/19 9:00	(14.6)	(36.0)	1.0	(39.8)	8/22/19 22:00	(71.1)	13.8	(0.0)	(60.8)
8/22/19 9:15	4.6	(31.7)	(4.7)	(34.9)	8/22/19 22:15	(71.7)	42.6	0.0	(34.2)
8/22/19 9:30	26.2	(34.3)	(3.2)	(11.6)	8/22/19 22:30	(38.0)	40.8	(0.0)	12.0
8/22/19 9:45	27.6	(88.8)	(2.6)	(63.8)	8/22/19 22:45	(42.8)	34.7	0.0	(18.6)
8/22/19 10:00	28.7	(135.3)	(0.7)	(107.2)	8/22/19 23:00	(71.2)	65.0	0.0	(21.0)
8/22/19 10:15	41.3	(120.8)	(0.4)	(79.9)	8/22/19 23:15	(24.2)	(14.9)	0.1	(34.9)
8/22/19 10:30	22.8	(56.2)	(0.1)	(33.6)	8/22/19 23:30	(27.1)	10.4	0.0	(24.6)
8/22/19 10:45	26.4	(26.1)	0.4	3.5	8/22/19 23:45	(33.2)	70.1	0.0	36.9
8/22/19 11:00	23.8	(16.2)	0.1	10.5	8/23/19 0:00	(64.0)	28.1	(0.0)	(43.6)
8/22/19 11:15	20.0	(38.3)	0.3	(18.1)	8/23/19 0:15	12.5	10.0	(0.0)	22.5
8/22/19 11:30	39.9	(37.9)	0.7	5.0	8/23/19 0:30	(12.7)	8.4	(0.0)	(16.6)
8/22/19 11:45	38.6	(9.2)	0.4	31.9	8/23/19 0:45	(48.9)	(36.3)	(0.0)	(84.4)
8/22/19 12:00	37.8	(19.3)	0.4	20.7	8/23/19 1:00	(25.3)	(40.5)	(0.0)	(54.0)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/23/19 1:15	(17.1)	19.9	0.0	(8.4)	8/23/19 14:15	(26.3)	(25.6)	1.3	(51.6)
8/23/19 1:30	9.4	(16.8)	(0.0)	(15.7)	8/23/19 14:30	53.1	(24.4)	(8.1)	23.0
8/23/19 1:45	(44.7)	(11.6)	(0.0)	(56.3)	8/23/19 14:45	39.8	(35.7)	(6.9)	(11.6)
8/23/19 2:00	(25.3)	(9.2)	0.0	(33.0)	8/23/19 15:00	31.0	(6.4)	10.7	34.3
8/23/19 2:15	9.6	12.6	(0.0)	21.4	8/23/19 15:15	21.4	(22.1)	10.6	11.9
8/23/19 2:30	24.6	28.7	0.0	52.3	8/23/19 15:30	66.0	(8.4)	7.4	64.2
8/23/19 2:45	(10.0)	12.8	0.0	(8.7)	8/23/19 15:45	37.2	(9.2)	5.7	34.6
8/23/19 3:00	(27.5)	16.6	0.0	(14.3)	8/23/19 16:00	(16.6)	(23.8)	(4.6)	(41.9)
8/23/19 3:15	21.6	(51.4)	0.0	(37.2)	8/23/19 16:15	9.0	(43.8)	22.7	(14.3)
8/23/19 3:30	11.8	6.9	(0.0)	17.3	8/23/19 16:30	(48.3)	21.3	(13.8)	(40.3)
8/23/19 3:45	(25.6)	19.1	0.0	(7.8)	8/23/19 16:45	(44.5)	38.9	(17.1)	(24.2)
8/23/19 4:00	27.2	13.5	(0.0)	38.4	8/23/19 17:00	(18.2)	15.3	(5.2)	(7.5)
8/23/19 4:15	17.3	(8.7)	(0.0)	8.6	8/23/19 17:15	(44.7)	26.6	33.1	15.5
8/23/19 4:30	(14.8)	(16.0)	0.0	(25.1)	8/23/19 17:30	(58.7)	66.9	(21.0)	(12.3)
8/23/19 4:45	26.6	(15.2)	(0.0)	21.2	8/23/19 17:45	(12.9)	44.8	(19.4)	14.8
8/23/19 5:00	29.8	(30.4)	0.0	(8.5)	8/23/19 18:00	(7.3)	28.9	8.5	32.9
8/23/19 5:15	25.9	(9.1)	0.0	19.9	8/23/19 18:15	(24.4)	(105.8)	16.2	(113.9)
8/23/19 5:30	27.9	(14.6)	(0.1)	22.8	8/23/19 18:30	(6.1)	24.9	7.8	32.6
8/23/19 5:45	32.2	33.1	0.0	65.3	8/23/19 18:45	(16.0)	23.3	3.2	7.6
8/23/19 6:00	36.2	(13.9)	0.0	32.7	8/23/19 19:00	(54.3)	(52.1)	7.0	(99.4)
8/23/19 6:15	(16.9)	(20.0)	0.0	(23.6)	8/23/19 19:15	(31.7)	(73.5)	7.3	(98.0)
8/23/19 6:30	34.2	(37.8)	(0.6)	(11.5)	8/23/19 19:30	(29.3)	(166.6)	2.6	(193.2)
8/23/19 6:45	32.1	(30.5)	(3.8)	(7.0)	8/23/19 19:45	(31.6)	(44.9)	0.5	(75.9)
8/23/19 7:00	(20.1)	(3.9)	(7.6)	(26.4)	8/23/19 20:00	16.1	(49.9)	0.1	(34.3)
8/23/19 7:15	50.4	42.3	(12.1)	79.2	8/23/19 20:15	(5.7)	(36.0)	(0.0)	(37.4)
8/23/19 7:30	17.0	35.3	(14.4)	37.9	8/23/19 20:30	(48.5)	6.1	0.0	(45.1)
8/23/19 7:45	(18.9)	54.4	(19.0)	31.3	8/23/19 20:45	(5.7)	128.0	0.0	123.5
8/23/19 8:00	(14.4)	16.9	(8.7)	11.9	8/23/19 21:00	(31.3)	131.1	(0.0)	99.8
8/23/19 8:15	19.1	48.5	12.3	74.3	8/23/19 21:15	(52.0)	28.5	(0.0)	(26.5)
8/23/19 8:30	15.4	53.8	(22.3)	42.5	8/23/19 21:30	(13.1)	(57.1)	0.0	(68.6)
8/23/19 8:45	57.1	27.8	(3.6)	81.7	8/23/19 21:45	(33.6)	(115.0)	(0.0)	(148.6)
8/23/19 9:00	31.0	5.1	3.6	37.3	8/23/19 22:00	(36.3)	(103.3)	0.0	(138.9)
8/23/19 9:15	(10.8)	(37.6)	(2.2)	(42.6)	8/23/19 22:15	(52.4)	56.8	(0.0)	21.4
8/23/19 9:30	55.4	(70.9)	(13.7)	(29.6)	8/23/19 22:30	(27.9)	69.6	(0.0)	42.4
8/23/19 9:45	14.4	(58.2)	(15.7)	(60.9)	8/23/19 22:45	(67.4)	52.7	0.0	(29.5)
8/23/19 10:00	(17.1)	(25.3)	(6.5)	(38.3)	8/23/19 23:00	(26.5)	57.4	0.0	41.3
8/23/19 10:15	16.6	17.8	5.4	31.8	8/23/19 23:15	38.4	26.6	(0.0)	57.8
8/23/19 10:30	30.4	7.6	22.9	60.9	8/23/19 23:30	(35.9)	(16.8)	0.0	(51.7)
8/23/19 10:45	41.9	27.5	6.8	76.1	8/23/19 23:45	(82.8)	37.8	0.0	(44.9)
8/23/19 11:00	31.8	33.3	(6.7)	58.4	8/24/19 0:00	(29.2)	51.0	(0.0)	24.0
8/23/19 11:15	26.1	29.2	(25.2)	30.1	8/24/19 0:15	(35.3)	13.3	0.1	(26.6)
8/23/19 11:30	27.6	15.8	(8.9)	35.8	8/24/19 0:30	(33.4)	57.5	(0.0)	28.9
8/23/19 11:45	24.8	7.3	(3.4)	31.9	8/24/19 0:45	(16.3)	10.5	(0.0)	(17.6)
8/23/19 12:00	21.0	(5.3)	(6.9)	10.2	8/24/19 1:00	(8.1)	3.6	0.0	(7.1)
8/23/19 12:15	19.5	(43.8)	10.0	(14.8)	8/24/19 1:15	(20.8)	(17.7)	(0.0)	(36.0)
8/23/19 12:30	30.5	(32.1)	(7.6)	(12.3)	8/24/19 1:30	(28.4)	45.0	0.0	25.8
8/23/19 12:45	28.3	(25.1)	(7.3)	(13.7)	8/24/19 1:45	(18.6)	35.4	(0.0)	19.4
8/23/19 13:00	54.6	(20.3)	38.2	72.5	8/24/19 2:00	(21.9)	3.5	0.2	(19.8)
8/23/19 13:15	(8.7)	(29.7)	16.7	(25.1)	8/24/19 2:15	(31.7)	(1.4)	(0.1)	(31.8)
8/23/19 13:30	39.2	(12.9)	11.6	40.1	8/24/19 2:30	12.7	8.1	0.0	18.3
8/23/19 13:45	28.1	6.3	(5.1)	29.3	8/24/19 2:45	(11.0)	(6.2)	0.0	(14.8)
8/23/19 14:00	15.5	(15.7)	9.2	12.3	8/24/19 3:00	(28.1)	24.0	0.0	(15.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/24/19 3:15	25.2	33.1	(0.0)	53.3	8/24/19 16:15	23.7	5.1	11.4	38.3
8/24/19 3:30	9.5	7.4	0.0	15.9	8/24/19 16:30	(10.1)	17.7	(11.3)	10.2
8/24/19 3:45	(52.5)	31.3	(0.0)	(21.2)	8/24/19 16:45	64.2	(8.2)	14.2	70.4
8/24/19 4:00	9.8	5.5	(0.0)	10.2	8/24/19 17:00	26.4	20.1	20.0	66.2
8/24/19 4:15	17.9	25.4	0.0	41.9	8/24/19 17:15	(20.4)	4.6	(15.4)	(30.0)
8/24/19 4:30	12.1	(28.6)	(0.0)	(17.5)	8/24/19 17:30	25.6	(3.2)	(9.5)	15.3
8/24/19 4:45	(18.9)	(22.1)	0.0	(29.8)	8/24/19 17:45	8.0	(18.8)	8.3	(14.2)
8/24/19 5:00	32.0	21.3	(0.0)	36.4	8/24/19 18:00	(24.1)	(36.5)	22.5	(37.1)
8/24/19 5:15	16.1	(29.1)	0.0	(18.5)	8/24/19 18:15	(29.0)	(8.4)	20.7	(19.5)
8/24/19 5:30	11.5	(18.2)	(0.0)	(7.1)	8/24/19 18:30	(9.9)	(3.7)	12.7	16.0
8/24/19 5:45	(17.3)	7.9	(0.0)	(14.0)	8/24/19 18:45	(25.7)	1.3	13.7	(11.0)
8/24/19 6:00	32.1	(27.8)	(0.0)	9.2	8/24/19 19:00	(61.2)	(11.3)	8.5	(64.0)
8/24/19 6:15	16.9	(15.9)	(0.0)	(5.2)	8/24/19 19:15	(21.4)	(15.7)	3.7	(28.0)
8/24/19 6:30	(42.3)	(13.7)	(0.4)	(53.0)	8/24/19 19:30	(30.6)	(42.7)	3.7	(65.7)
8/24/19 6:45	15.5	68.0	(3.6)	74.6	8/24/19 19:45	(30.2)	(47.0)	1.5	(65.3)
8/24/19 7:00	(24.3)	23.0	(10.2)	(14.7)	8/24/19 20:00	15.6	(56.1)	0.1	(47.5)
8/24/19 7:15	(19.1)	31.0	(17.7)	18.6	8/24/19 20:15	(39.5)	(7.4)	(0.0)	(46.0)
8/24/19 7:30	40.8	24.1	(18.7)	44.8	8/24/19 20:30	(31.7)	(4.1)	0.0	(35.5)
8/24/19 7:45	(14.6)	25.7	(22.2)	(6.6)	8/24/19 20:45	(24.2)	5.4	(0.0)	(18.9)
8/24/19 8:00	57.1	(26.1)	(19.2)	11.9	8/24/19 21:00	(33.2)	3.0	0.0	(32.6)
8/24/19 8:15	44.6	(15.9)	(15.2)	13.5	8/24/19 21:15	(28.0)	(36.9)	0.0	(65.0)
8/24/19 8:30	(35.1)	33.2	(10.0)	(11.1)	8/24/19 21:30	(46.5)	(62.7)	(0.0)	(109.3)
8/24/19 8:45	(21.7)	48.0	(5.1)	42.4	8/24/19 21:45	(28.6)	(47.5)	0.0	(76.1)
8/24/19 9:00	42.0	51.5	(3.8)	89.7	8/24/19 22:00	(28.6)	(38.9)	0.0	(67.6)
8/24/19 9:15	27.5	(38.7)	(2.6)	(20.7)	8/24/19 22:15	(44.7)	(33.5)	0.0	(78.2)
8/24/19 9:30	14.8	85.2	(2.1)	94.1	8/24/19 22:30	(71.5)	(11.1)	0.0	(82.5)
8/24/19 9:45	45.0	50.0	(1.2)	93.9	8/24/19 22:45	(56.6)	(23.8)	0.0	(79.8)
8/24/19 10:00	25.0	25.0	(0.8)	48.2	8/24/19 23:00	(11.0)	(39.0)	(0.0)	(49.0)
8/24/19 10:15	19.0	29.6	(0.7)	43.6	8/24/19 23:15	(19.0)	(28.5)	0.0	(44.5)
8/24/19 10:30	55.1	19.4	(1.3)	73.3	8/24/19 23:30	(41.1)	(27.7)	(0.0)	(68.8)
8/24/19 10:45	22.8	10.8	7.5	41.2	8/24/19 23:45	(60.8)	52.7	0.0	(31.4)
8/24/19 11:00	(13.2)	10.3	(1.3)	11.8	8/25/19 0:00	9.8	20.2	(0.0)	27.3
8/24/19 11:15	38.5	20.0	(1.6)	58.2	8/25/19 0:15	8.6	9.3	0.0	16.1
8/24/19 11:30	34.5	19.5	14.0	67.7	8/25/19 0:30	(22.8)	6.8	0.0	(16.9)
8/24/19 11:45	(18.9)	3.5	20.5	5.0	8/25/19 0:45	(15.3)	(4.9)	0.0	(20.2)
8/24/19 12:00	42.9	3.3	9.0	53.9	8/25/19 1:00	(24.6)	48.1	0.0	24.4
8/24/19 12:15	26.9	(3.5)	1.9	26.2	8/25/19 1:15	(32.6)	14.1	(0.0)	(20.2)
8/24/19 12:30	(13.5)	(2.9)	4.2	(11.8)	8/25/19 1:30	16.3	(8.2)	(0.0)	9.0
8/24/19 12:45	23.9	7.6	3.3	33.9	8/25/19 1:45	(14.2)	12.2	0.0	(3.5)
8/24/19 13:00	35.8	(2.4)	(9.4)	27.7	8/25/19 2:00	(38.0)	21.8	0.0	(16.2)
8/24/19 13:15	56.1	(5.2)	(4.0)	47.8	8/25/19 2:15	(12.3)	18.3	(0.0)	7.3
8/24/19 13:30	(12.9)	(23.0)	17.6	(18.2)	8/25/19 2:30	19.6	(6.2)	0.0	13.5
8/24/19 13:45	46.4	(16.6)	6.9	35.7	8/25/19 2:45	(8.7)	(11.5)	0.0	(17.6)
8/24/19 14:00	14.6	(21.9)	(11.3)	(19.1)	8/25/19 3:00	(26.7)	9.4	(0.0)	(18.7)
8/24/19 14:15	(7.0)	(11.5)	(9.6)	(26.5)	8/25/19 3:15	(16.4)	6.5	(0.0)	14.4
8/24/19 14:30	4.1	4.1	(5.3)	11.5	8/25/19 3:30	8.8	(5.0)	0.0	(9.3)
8/24/19 14:45	58.8	(7.4)	(9.8)	48.7	8/25/19 3:45	(10.4)	35.0	0.0	29.1
8/24/19 15:00	32.8	(3.3)	(7.7)	25.5	8/25/19 4:00	(34.9)	7.7	(0.0)	(29.2)
8/24/19 15:15	12.4	(3.8)	(10.1)	(5.2)	8/25/19 4:15	25.8	(10.4)	0.0	16.2
8/24/19 15:30	9.0	(4.7)	(14.8)	(14.7)	8/25/19 4:30	3.6	(9.8)	(0.0)	(12.0)
8/24/19 15:45	37.9	25.2	2.8	64.2	8/25/19 4:45	(18.2)	(17.0)	0.0	(30.8)
8/24/19 16:00	21.8	9.6	10.4	41.7	8/25/19 5:00	(16.8)	48.6	(0.0)	58.6

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/25/19 5:15	25.8	36.2	0.0	60.9	8/25/19 18:15	(10.8)	4.6	18.9	24.1
8/25/19 5:30	17.1	(17.2)	(0.0)	(6.5)	8/25/19 18:30	(19.7)	14.3	24.9	19.8
8/25/19 5:45	(9.1)	(14.0)	0.0	(11.0)	8/25/19 18:45	(54.5)	(10.5)	12.6	(51.7)
8/25/19 6:00	20.7	11.0	0.0	25.2	8/25/19 19:00	(36.8)	(27.6)	15.6	(48.8)
8/25/19 6:15	14.8	(34.6)	(0.0)	(30.2)	8/25/19 19:15	(60.6)	(28.4)	11.5	(77.5)
8/25/19 6:30	11.1	(8.4)	(0.7)	(9.1)	8/25/19 19:30	(38.0)	(34.8)	3.8	(69.0)
8/25/19 6:45	(21.3)	(27.5)	(2.1)	(50.9)	8/25/19 19:45	10.5	(43.6)	0.8	(36.1)
8/25/19 7:00	11.0	11.7	(2.6)	17.7	8/25/19 20:00	39.5	(32.2)	(0.0)	(17.9)
8/25/19 7:15	15.3	14.4	(11.9)	15.2	8/25/19 20:15	(88.6)	(18.5)	(0.0)	(107.2)
8/25/19 7:30	(10.7)	60.3	(16.5)	40.2	8/25/19 20:30	(27.7)	(8.9)	(0.0)	(36.4)
8/25/19 7:45	12.3	(11.1)	(10.8)	(14.0)	8/25/19 20:45	(61.1)	11.7	0.0	(49.3)
8/25/19 8:00	22.5	26.1	(18.1)	30.6	8/25/19 21:00	(28.1)	(7.0)	0.0	(33.5)
8/25/19 8:15	47.2	1.2	(16.3)	31.1	8/25/19 21:15	(26.4)	(19.0)	(0.0)	(45.4)
8/25/19 8:30	32.4	(50.6)	2.1	(28.7)	8/25/19 21:30	(98.2)	(19.5)	0.0	(117.7)
8/25/19 8:45	12.1	(42.5)	(30.3)	(58.3)	8/25/19 21:45	(72.1)	(13.7)	0.0	(85.8)
8/25/19 9:00	16.9	40.7	(12.3)	38.9	8/25/19 22:00	(39.5)	(55.3)	0.0	(94.8)
8/25/19 9:15	3.3	32.8	10.3	44.6	8/25/19 22:15	(64.5)	(77.0)	0.0	(141.5)
8/25/19 9:30	72.6	26.9	8.3	106.7	8/25/19 22:30	(87.0)	(48.3)	0.0	(135.3)
8/25/19 9:45	38.0	(8.9)	(14.2)	14.9	8/25/19 22:45	(49.0)	(49.6)	(0.0)	(98.6)
8/25/19 10:00	57.3	(28.9)	(7.6)	20.8	8/25/19 23:00	(56.7)	(6.4)	0.0	(62.4)
8/25/19 10:15	11.0	(7.3)	(1.4)	3.8	8/25/19 23:15	(67.9)	(6.8)	0.0	(74.6)
8/25/19 10:30	75.2	7.9	(1.0)	80.7	8/25/19 23:30	(21.1)	(38.4)	0.0	(58.5)
8/25/19 10:45	51.6	33.3	(0.6)	84.5	8/25/19 23:45	(34.8)	(58.0)	(0.0)	(92.7)
8/25/19 11:00	39.1	(23.6)	(0.3)	20.5	8/26/19 0:00	(75.3)	(47.5)	(0.0)	(122.8)
8/25/19 11:15	38.2	(38.1)	(0.3)	(10.0)	8/26/19 0:15	27.4	6.7	(0.0)	34.1
8/25/19 11:30	45.2	(33.5)	0.4	12.0	8/26/19 0:30	21.6	7.9	(0.0)	29.6
8/25/19 11:45	51.9	(28.7)	(0.3)	23.1	8/26/19 0:45	(59.0)	(1.5)	(0.0)	(60.0)
8/25/19 12:00	13.5	(17.6)	(1.5)	(13.7)	8/26/19 1:00	(24.5)	33.7	(0.0)	30.3
8/25/19 12:15	27.9	(10.2)	(0.5)	19.9	8/26/19 1:15	(14.0)	11.7	(0.0)	(19.4)
8/25/19 12:30	40.5	(4.5)	0.3	37.3	8/26/19 1:30	(38.5)	68.6	0.0	38.3
8/25/19 12:45	48.8	25.6	3.1	77.4	8/26/19 1:45	(33.2)	(41.1)	0.0	(49.5)
8/25/19 13:00	44.9	36.8	(1.5)	81.2	8/26/19 2:00	21.4	(68.2)	0.0	(46.8)
8/25/19 13:15	29.3	52.3	(0.8)	81.0	8/26/19 2:15	(16.3)	32.4	(0.0)	18.7
8/25/19 13:30	34.4	41.7	1.0	77.1	8/26/19 2:30	(35.4)	98.2	0.0	64.2
8/25/19 13:45	57.3	44.9	(0.3)	102.0	8/26/19 2:45	13.1	13.9	0.0	20.9
8/25/19 14:00	17.7	(8.2)	(0.6)	13.9	8/26/19 3:00	9.3	11.3	(0.0)	18.3
8/25/19 14:15	94.2	43.0	3.7	141.0	8/26/19 3:15	(30.1)	13.5	0.0	(18.9)
8/25/19 14:30	(16.6)	12.8	(3.2)	(15.6)	8/26/19 3:30	14.1	8.2	0.0	17.1
8/25/19 14:45	20.6	14.8	(2.1)	34.1	8/26/19 3:45	(11.9)	6.4	0.0	(5.6)
8/25/19 15:00	50.3	23.6	1.4	75.3	8/26/19 4:00	(26.6)	3.3	0.0	(24.3)
8/25/19 15:15	51.2	5.2	1.6	52.8	8/26/19 4:15	24.8	(16.7)	(0.0)	12.0
8/25/19 15:30	26.5	(18.1)	3.3	13.0	8/26/19 4:30	3.4	(28.5)	(0.0)	(25.8)
8/25/19 15:45	23.8	34.4	6.7	59.2	8/26/19 4:45	(19.4)	20.8	(0.0)	(16.4)
8/25/19 16:00	16.7	28.0	(4.4)	44.5	8/26/19 5:00	48.3	(14.8)	0.0	43.0
8/25/19 16:15	77.9	8.3	5.8	83.4	8/26/19 5:15	30.9	(13.6)	0.0	18.7
8/25/19 16:30	18.5	9.6	(5.6)	31.4	8/26/19 5:30	(23.9)	(3.9)	(0.0)	(27.0)
8/25/19 16:45	42.5	11.1	30.2	83.9	8/26/19 5:45	40.9	(33.8)	0.0	9.7
8/25/19 17:00	29.3	4.3	(14.9)	27.0	8/26/19 6:00	54.1	(41.4)	(0.0)	14.5
8/25/19 17:15	19.4	14.1	16.0	48.2	8/26/19 6:15	40.9	(59.1)	(0.0)	(23.0)
8/25/19 17:30	(8.2)	13.7	(8.3)	11.9	8/26/19 6:30	(10.5)	(11.7)	(0.1)	(13.0)
8/25/19 17:45	(26.7)	2.9	(7.5)	(31.2)	8/26/19 6:45	41.1	(51.0)	(3.5)	(13.8)
8/25/19 18:00	9.2	10.1	10.2	29.5	8/26/19 7:00	31.6	11.0	(12.5)	26.1

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/26/19 7:15	13.0	(7.8)	(17.0)	(14.7)	8/26/19 20:15	11.7	7.4	0.2	19.2
8/26/19 7:30	23.7	7.3	(19.8)	11.8	8/26/19 20:30	(44.7)	(25.2)	0.0	(70.0)
8/26/19 7:45	18.0	18.8	(20.5)	16.4	8/26/19 20:45	(68.6)	(17.8)	0.0	(86.1)
8/26/19 8:00	(28.6)	29.3	(18.5)	(18.8)	8/26/19 21:00	(55.8)	12.0	(0.0)	(43.7)
8/26/19 8:15	49.8	(34.1)	(16.2)	(5.0)	8/26/19 21:15	(44.9)	3.7	0.0	(41.2)
8/26/19 8:30	31.4	(29.4)	(10.5)	(9.6)	8/26/19 21:30	(34.5)	9.7	(0.0)	(24.8)
8/26/19 8:45	11.3	(23.4)	(4.4)	(23.3)	8/26/19 21:45	(53.8)	8.0	0.0	(45.8)
8/26/19 9:00	25.6	(19.9)	(3.2)	(28.7)	8/26/19 22:00	(59.0)	13.0	(0.0)	(45.9)
8/26/19 9:15	68.4	15.1	(2.5)	71.1	8/26/19 22:15	(100.4)	7.4	(0.0)	(93.4)
8/26/19 9:30	13.4	(13.4)	(1.0)	(8.5)	8/26/19 22:30	(44.9)	(13.4)	0.0	(58.3)
8/26/19 9:45	(18.0)	15.5	4.4	(23.6)	8/26/19 22:45	(57.2)	(6.7)	0.0	(62.1)
8/26/19 10:00	(41.8)	43.6	3.4	13.0	8/26/19 23:00	(53.3)	(6.3)	0.0	(57.9)
8/26/19 10:15	(37.3)	3.2	(8.4)	(43.6)	8/26/19 23:15	(23.1)	6.7	0.0	(16.8)
8/26/19 10:30	16.8	12.3	(0.2)	21.3	8/26/19 23:30	(20.5)	10.0	0.0	(14.9)
8/26/19 10:45	14.3	10.4	(0.1)	15.1	8/26/19 23:45	(54.9)	40.9	(0.0)	(18.4)
8/26/19 11:00	9.1	24.6	0.5	29.6	8/27/19 0:00	38.9	16.8	(0.0)	52.1
8/26/19 11:15	38.7	47.1	0.4	86.2	8/27/19 0:15	(8.4)	17.8	(0.0)	17.6
8/26/19 11:30	21.0	57.8	0.6	79.4	8/27/19 0:30	(49.2)	20.2	(0.0)	(30.5)
8/26/19 11:45	14.2	34.4	0.1	48.7	8/27/19 0:45	(13.9)	20.8	(0.0)	16.1
8/26/19 12:00	44.1	36.1	0.5	80.7	8/27/19 1:00	(17.0)	16.9	(0.0)	5.0
8/26/19 12:15	4.6	25.6	0.2	27.6	8/27/19 1:15	(30.5)	6.1	(0.0)	(24.5)
8/26/19 12:30	10.1	9.6	0.4	20.1	8/27/19 1:30	(11.8)	6.1	0.0	(8.4)
8/26/19 12:45	(9.1)	21.5	(0.1)	14.6	8/27/19 1:45	(8.5)	16.3	(0.0)	11.7
8/26/19 13:00	47.1	39.1	(0.5)	84.6	8/27/19 2:00	(47.4)	(15.6)	0.0	(62.9)
8/26/19 13:15	36.5	61.6	0.2	98.3	8/27/19 2:15	17.3	(3.5)	(0.0)	15.0
8/26/19 13:30	22.4	79.4	0.1	95.7	8/27/19 2:30	(10.9)	(18.3)	0.0	(27.9)
8/26/19 13:45	(16.8)	39.9	0.4	34.6	8/27/19 2:45	(51.8)	(7.5)	0.0	(59.3)
8/26/19 14:00	29.9	21.5	1.4	52.8	8/27/19 3:00	29.1	(39.2)	0.0	(11.2)
8/26/19 14:15	16.8	53.6	3.9	73.3	8/27/19 3:15	2.1	(19.4)	0.0	(19.3)
8/26/19 14:30	9.6	21.5	(3.5)	24.1	8/27/19 3:30	(14.5)	(10.2)	0.0	(24.1)
8/26/19 14:45	30.4	22.4	0.6	48.5	8/27/19 3:45	(10.0)	1.8	(0.0)	(11.7)
8/26/19 15:00	42.5	24.1	1.4	67.6	8/27/19 4:00	6.3	6.6	0.0	8.9
8/26/19 15:15	36.1	30.0	(1.4)	64.2	8/27/19 4:15	12.4	(12.4)	(0.0)	(11.4)
8/26/19 15:30	12.1	7.0	10.0	27.8	8/27/19 4:30	(22.4)	9.0	0.0	(15.7)
8/26/19 15:45	50.8	18.8	15.0	84.6	8/27/19 4:45	24.2	(13.6)	(0.0)	12.1
8/26/19 16:00	33.6	19.6	7.1	60.3	8/27/19 5:00	32.9	9.4	(0.0)	39.1
8/26/19 16:15	(18.7)	2.5	(19.1)	(33.2)	8/27/19 5:15	51.3	31.7	0.0	83.0
8/26/19 16:30	56.6	7.9	2.1	65.3	8/27/19 5:30	8.9	21.8	(0.0)	22.9
8/26/19 16:45	14.9	2.5	18.8	34.9	8/27/19 5:45	20.5	4.5	0.0	24.2
8/26/19 17:00	(14.7)	(8.0)	14.6	20.2	8/27/19 6:00	29.1	8.4	(0.1)	34.4
8/26/19 17:15	(23.1)	(5.7)	4.0	(18.6)	8/27/19 6:15	71.0	(32.9)	0.1	38.2
8/26/19 17:30	32.4	(27.5)	(3.6)	8.2	8/27/19 6:30	22.1	(37.1)	(0.2)	(15.1)
8/26/19 17:45	21.1	(9.5)	3.0	14.5	8/27/19 6:45	19.5	(41.5)	(1.7)	(29.7)
8/26/19 18:00	(15.7)	(18.3)	17.2	(15.6)	8/27/19 7:00	8.9	(7.4)	(6.0)	(7.3)
8/26/19 18:15	(54.3)	(22.4)	20.4	(56.2)	8/27/19 7:15	12.4	2.9	(8.4)	9.6
8/26/19 18:30	12.6	(18.2)	7.8	(6.9)	8/27/19 7:30	(20.1)	11.7	(8.2)	(19.2)
8/26/19 18:45	(16.1)	(15.7)	14.0	(17.8)	8/27/19 7:45	25.3	(30.3)	(8.7)	(21.6)
8/26/19 19:00	(56.2)	(9.6)	9.8	(56.0)	8/27/19 8:00	32.2	(51.7)	(9.9)	(29.4)
8/26/19 19:15	(32.7)	(22.4)	6.2	(48.7)	8/27/19 8:15	42.6	(40.8)	(18.5)	(20.5)
8/26/19 19:30	(30.2)	(39.9)	1.4	(68.7)	8/27/19 8:30	(14.1)	(20.6)	(14.5)	(44.5)
8/26/19 19:45	(22.8)	(50.0)	0.4	(72.4)	8/27/19 8:45	24.5	(30.4)	2.7	(9.9)
8/26/19 20:00	(26.2)	(19.3)	0.5	(45.1)	8/27/19 9:00	16.8	(44.3)	0.7	(27.0)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/27/19 9:15	(25.9)	25.9	5.2	(23.6)	8/27/19 22:15	(51.0)	9.1	0.0	(41.9)
8/27/19 9:30	29.0	(55.0)	5.4	(29.7)	8/27/19 22:30	(56.4)	12.1	(0.0)	(44.3)
8/27/19 9:45	23.3	(40.2)	(4.6)	(21.4)	8/27/19 22:45	(74.7)	20.6	0.0	(54.1)
8/27/19 10:00	(15.5)	(94.1)	(1.2)	(105.6)	8/27/19 23:00	(26.9)	12.1	(0.0)	(14.8)
8/27/19 10:15	21.4	(21.0)	(0.5)	(12.1)	8/27/19 23:15	(19.5)	4.4	0.0	(16.9)
8/27/19 10:30	25.4	(7.1)	(4.1)	20.5	8/27/19 23:30	(73.6)	(21.6)	(0.0)	(95.3)
8/27/19 10:45	25.5	20.1	4.3	48.0	8/27/19 23:45	14.3	10.6	0.0	24.9
8/27/19 11:00	(33.1)	45.8	(14.9)	(8.0)	8/28/19 0:00	2.2	3.9	(0.0)	4.8
8/27/19 11:15	22.1	61.5	(19.0)	64.7	8/28/19 0:15	(26.7)	(3.0)	(0.0)	(29.6)
8/27/19 11:30	43.9	66.3	12.5	121.8	8/28/19 0:30	(51.6)	5.0	(0.0)	(46.6)
8/27/19 11:45	14.6	37.6	3.9	54.2	8/28/19 0:45	(11.3)	4.3	0.0	(9.3)
8/27/19 12:00	(41.8)	(11.7)	(19.3)	(72.8)	8/28/19 1:00	(11.1)	5.0	(0.0)	(6.8)
8/27/19 12:15	52.6	17.3	(6.9)	63.6	8/28/19 1:15	(41.4)	(10.2)	(0.0)	(51.6)
8/27/19 12:30	40.3	31.2	4.2	75.3	8/28/19 1:30	(30.8)	(23.3)	(0.0)	(54.2)
8/27/19 12:45	35.5	14.5	(9.5)	44.7	8/28/19 1:45	(17.4)	(28.4)	(0.0)	(45.8)
8/27/19 13:00	(12.6)	21.5	(5.2)	13.3	8/28/19 2:00	(3.7)	(27.3)	0.0	(30.7)
8/27/19 13:15	19.8	32.0	2.1	50.9	8/28/19 2:15	(9.6)	5.3	(0.0)	(8.6)
8/27/19 13:30	16.1	40.4	4.9	61.4	8/28/19 2:30	25.0	19.3	0.0	44.3
8/27/19 13:45	18.9	34.5	7.2	59.8	8/28/19 2:45	(11.1)	3.5	0.1	(10.1)
8/27/19 14:00	17.0	21.3	(10.1)	28.3	8/28/19 3:00	(11.7)	(8.5)	(0.0)	(20.1)
8/27/19 14:15	(9.7)	30.3	(4.6)	17.1	8/28/19 3:15	(20.9)	(1.4)	(0.0)	(21.0)
8/27/19 14:30	62.7	25.2	0.3	88.2	8/28/19 3:30	10.4	(5.4)	(0.0)	6.6
8/27/19 14:45	19.3	20.0	0.3	39.6	8/28/19 3:45	(18.9)	1.1	0.0	(19.1)
8/27/19 15:00	20.7	17.4	0.2	38.3	8/28/19 4:00	21.7	(6.4)	0.0	17.6
8/27/19 15:15	12.8	20.9	0.3	33.9	8/28/19 4:15	21.1	4.4	(0.0)	25.0
8/27/19 15:30	33.3	22.1	(0.7)	55.0	8/28/19 4:30	(22.1)	8.8	0.0	(15.5)
8/27/19 15:45	48.2	19.4	4.9	72.3	8/28/19 4:45	6.9	9.6	(0.0)	14.4
8/27/19 16:00	26.6	9.1	(5.0)	31.3	8/28/19 5:00	23.3	(4.9)	(0.0)	18.8
8/27/19 16:15	2.6	9.3	2.4	13.5	8/28/19 5:15	46.4	(1.6)	0.0	45.2
8/27/19 16:30	(8.4)	(2.5)	12.2	10.3	8/28/19 5:30	26.4	(23.5)	0.0	2.9
8/27/19 16:45	50.4	(7.3)	9.4	47.1	8/28/19 5:45	28.3	(8.2)	(0.0)	20.7
8/27/19 17:00	12.9	(6.1)	7.3	8.9	8/28/19 6:00	35.0	3.5	0.0	38.5
8/27/19 17:15	(9.4)	2.5	23.0	17.1	8/28/19 6:15	14.8	10.1	(0.0)	24.6
8/27/19 17:30	20.1	(11.8)	3.8	12.9	8/28/19 6:30	21.8	(9.8)	(0.1)	11.8
8/27/19 17:45	9.7	(40.2)	14.3	(18.1)	8/28/19 6:45	20.7	(7.9)	(1.7)	11.1
8/27/19 18:00	(21.2)	(44.9)	13.8	(49.4)	8/28/19 7:00	19.1	8.2	(7.7)	19.3
8/27/19 18:15	(20.0)	(51.2)	12.8	(48.7)	8/28/19 7:15	(3.5)	26.2	(11.2)	12.4
8/27/19 18:30	(10.7)	(34.2)	11.5	(29.5)	8/28/19 7:30	1.5	12.8	(12.6)	4.9
8/27/19 18:45	(29.3)	5.1	10.9	(18.3)	8/28/19 7:45	(3.4)	(7.3)	(14.7)	(23.4)
8/27/19 19:00	(34.1)	8.2	8.7	(18.2)	8/28/19 8:00	28.2	3.7	(13.6)	19.4
8/27/19 19:15	(30.5)	(2.1)	4.3	(26.7)	8/28/19 8:15	92.3	(4.1)	(18.3)	70.6
8/27/19 19:30	(36.8)	3.5	1.5	(34.9)	8/28/19 8:30	15.8	(7.4)	(27.5)	(20.7)
8/27/19 19:45	(15.2)	17.3	0.4	17.8	8/28/19 8:45	26.0	(7.1)	(12.5)	6.4
8/27/19 20:00	7.2	30.9	(0.0)	38.1	8/28/19 9:00	(11.1)	4.8	(4.1)	(10.1)
8/27/19 20:15	(18.7)	36.9	(0.0)	21.7	8/28/19 9:15	34.9	(7.8)	(2.9)	25.5
8/27/19 20:30	(58.5)	15.7	0.0	(42.7)	8/28/19 9:30	6.5	4.4	(1.8)	6.9
8/27/19 20:45	7.8	6.9	(0.0)	9.8	8/28/19 9:45	44.6	12.8	(1.5)	55.8
8/27/19 21:00	(29.1)	18.0	(0.0)	(12.9)	8/28/19 10:00	14.4	(11.4)	(0.9)	(11.7)
8/27/19 21:15	(60.9)	13.4	0.0	(47.4)	8/28/19 10:15	49.9	(3.6)	(0.2)	46.6
8/27/19 21:30	(30.0)	10.9	0.0	(19.1)	8/28/19 10:30	28.9	(19.3)	(0.4)	9.2
8/27/19 21:45	(55.6)	9.3	(0.0)	(46.3)	8/28/19 10:45	9.7	(2.8)	0.8	11.9
8/27/19 22:00	(74.3)	0.9	0.0	(74.3)	8/28/19 11:00	43.4	12.2	0.8	56.4

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	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/28/19 11:15	22.5	17.1	1.0	40.5	8/29/19 0:15	(35.4)	64.5	(0.0)	33.4
8/28/19 11:30	10.1	8.9	0.6	14.6	8/29/19 0:30	(25.1)	15.6	(0.0)	(11.8)
8/28/19 11:45	39.6	12.0	0.8	52.4	8/29/19 0:45	(32.8)	40.2	0.0	9.7
8/28/19 12:00	15.9	14.3	0.4	30.6	8/29/19 1:00	15.5	(18.2)	0.1	(13.1)
8/28/19 12:15	(18.5)	15.5	(0.2)	(9.7)	8/29/19 1:15	(28.2)	12.5	0.0	(21.3)
8/28/19 12:30	41.7	(2.0)	0.1	41.3	8/29/19 1:30	10.8	(4.3)	(0.0)	8.4
8/28/19 12:45	41.2	11.1	0.1	52.2	8/29/19 1:45	(10.8)	21.8	0.0	10.9
8/28/19 13:00	19.1	25.1	(0.1)	39.2	8/29/19 2:00	(43.3)	43.1	0.0	(5.9)
8/28/19 13:15	28.3	27.3	0.3	51.2	8/29/19 2:15	16.0	16.4	0.0	30.1
8/28/19 13:30	72.0	24.9	0.1	97.0	8/29/19 2:30	(1.8)	(22.2)	0.0	(23.2)
8/28/19 13:45	34.6	12.7	0.1	47.3	8/29/19 2:45	(39.5)	32.2	0.0	(13.6)
8/28/19 14:00	11.8	7.8	0.5	20.0	8/29/19 3:00	19.4	10.7	(0.0)	18.4
8/28/19 14:15	67.0	8.7	(0.5)	75.2	8/29/19 3:15	3.3	(14.5)	0.0	(11.2)
8/28/19 14:30	5.2	3.8	(0.1)	5.7	8/29/19 3:30	(19.0)	7.9	0.0	(16.5)
8/28/19 14:45	28.0	4.1	(0.1)	32.0	8/29/19 3:45	13.5	8.8	(0.0)	15.0
8/28/19 15:00	28.7	7.9	(0.4)	35.8	8/29/19 4:00	11.0	4.5	0.0	14.3
8/28/19 15:15	77.8	(7.4)	0.0	70.5	8/29/19 4:15	(13.9)	11.2	0.0	(6.2)
8/28/19 15:30	36.2	(4.1)	0.3	32.7	8/29/19 4:30	13.9	8.9	(0.0)	9.2
8/28/19 15:45	15.0	(21.8)	0.8	(12.4)	8/29/19 4:45	22.1	(20.5)	0.0	8.2
8/28/19 16:00	55.9	(9.2)	1.0	47.7	8/29/19 5:00	23.0	(22.2)	0.0	3.2
8/28/19 16:15	40.8	(24.5)	0.3	16.5	8/29/19 5:15	33.7	(13.8)	(0.0)	20.4
8/28/19 16:30	9.1	(9.8)	1.2	7.7	8/29/19 5:30	37.4	27.8	(0.0)	64.3
8/28/19 16:45	44.9	(6.1)	2.2	41.9	8/29/19 5:45	(21.7)	13.4	(0.0)	(9.7)
8/28/19 17:00	28.8	(16.7)	2.7	14.9	8/29/19 6:00	13.8	25.3	0.0	36.7
8/28/19 17:15	(12.2)	(3.2)	3.1	(10.8)	8/29/19 6:15	8.8	19.8	0.0	27.6
8/28/19 17:30	16.8	(4.7)	4.8	17.2	8/29/19 6:30	28.0	(8.8)	(0.4)	23.8
8/28/19 17:45	15.0	(13.3)	10.0	12.0	8/29/19 6:45	18.1	(44.6)	(3.3)	(29.8)
8/28/19 18:00	(50.8)	(6.1)	16.2	(38.0)	8/29/19 7:00	28.5	(42.2)	(10.5)	(24.2)
8/28/19 18:15	18.2	(1.8)	19.2	32.8	8/29/19 7:15	3.4	(15.9)	(18.8)	(33.6)
8/28/19 18:30	(11.2)	(12.6)	19.3	(4.5)	8/29/19 7:30	15.7	(7.0)	(17.9)	(10.1)
8/28/19 18:45	(39.2)	1.9	18.0	(20.6)	8/29/19 7:45	10.4	26.7	(18.3)	17.0
8/28/19 19:00	(30.0)	(2.3)	15.2	(14.8)	8/29/19 8:00	12.5	27.6	(18.2)	21.6
8/28/19 19:15	(57.9)	(14.9)	9.8	(63.0)	8/29/19 8:15	19.1	47.6	(17.8)	49.0
8/28/19 19:30	(71.5)	(38.1)	3.0	(106.5)	8/29/19 8:30	22.1	38.7	(6.6)	54.2
8/28/19 19:45	20.2	(44.9)	0.3	(40.7)	8/29/19 8:45	34.4	54.6	(7.1)	81.9
8/28/19 20:00	20.4	(59.0)	0.0	(54.1)	8/29/19 9:00	30.8	33.2	(4.9)	59.1
8/28/19 20:15	(90.7)	(97.2)	(0.1)	(188.0)	8/29/19 9:15	57.9	(23.9)	(1.0)	33.3
8/28/19 20:30	(20.7)	(124.9)	0.0	(145.0)	8/29/19 9:30	38.4	(24.2)	(7.2)	8.1
8/28/19 20:45	(23.7)	(117.2)	(0.0)	(141.0)	8/29/19 9:45	22.9	(12.4)	3.8	14.5
8/28/19 21:00	(67.5)	(81.0)	0.0	(148.5)	8/29/19 10:00	22.8	(10.0)	6.3	19.1
8/28/19 21:15	(63.0)	(35.5)	0.0	(98.5)	8/29/19 10:15	27.2	(10.6)	(3.7)	13.1
8/28/19 21:30	(70.8)	(31.7)	0.0	(102.4)	8/29/19 10:30	13.7	(8.7)	(2.5)	2.6
8/28/19 21:45	(100.1)	36.3	0.0	(63.8)	8/29/19 10:45	53.4	(10.7)	2.3	42.9
8/28/19 22:00	(49.1)	27.0	0.0	(22.1)	8/29/19 11:00	53.6	9.2	(2.1)	60.0
8/28/19 22:15	(63.5)	11.9	0.0	(53.7)	8/29/19 11:15	28.9	20.0	0.4	47.7
8/28/19 22:30	(69.8)	(16.0)	0.0	(85.8)	8/29/19 11:30	16.9	9.9	1.8	25.9
8/28/19 22:45	(54.4)	5.4	0.0	(49.9)	8/29/19 11:45	38.4	9.5	3.8	51.5
8/28/19 23:00	(41.4)	22.5	(0.0)	(19.9)	8/29/19 12:00	21.1	11.5	(1.5)	31.7
8/28/19 23:15	(67.7)	5.3	0.0	(62.4)	8/29/19 12:15	56.7	5.2	(1.8)	56.3
8/28/19 23:30	(29.9)	10.4	0.0	(21.3)	8/29/19 12:30	29.2	(41.1)	3.0	(11.0)
8/28/19 23:45	18.1	(19.1)	(0.0)	(15.4)	8/29/19 12:45	8.8	(30.9)	2.3	(20.4)
8/29/19 0:00	(53.4)	6.7	(0.0)	(52.2)	8/29/19 13:00	34.9	(15.0)	3.7	25.6

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/29/19 13:15	15.3	(33.3)	(6.7)	(25.1)	8/30/19 2:15	12.7	(16.7)	0.0	(8.2)
8/29/19 13:30	(15.9)	(43.8)	2.5	(53.8)	8/30/19 2:30	2.9	27.0	0.0	29.9
8/29/19 13:45	29.9	(41.0)	22.8	18.6	8/30/19 2:45	(37.9)	6.0	0.0	(36.3)
8/29/19 14:00	14.8	(7.0)	(10.1)	5.4	8/30/19 3:00	11.9	9.8	0.0	19.3
8/29/19 14:15	(35.1)	13.7	(2.7)	(24.7)	8/30/19 3:15	13.8	0.9	(0.0)	14.6
8/29/19 14:30	39.3	17.7	(9.8)	47.2	8/30/19 3:30	(20.6)	3.2	0.0	(17.5)
8/29/19 14:45	15.2	(10.3)	11.8	23.2	8/30/19 3:45	(22.2)	(4.2)	0.0	(26.4)
8/29/19 15:00	(9.8)	(45.9)	19.1	(31.3)	8/30/19 4:00	(19.0)	(12.3)	(0.0)	(31.1)
8/29/19 15:15	43.1	(23.1)	19.3	37.9	8/30/19 4:15	(13.9)	11.5	0.0	12.2
8/29/19 15:30	(41.2)	44.0	2.8	11.2	8/30/19 4:30	10.9	(18.2)	0.0	(16.5)
8/29/19 15:45	(18.3)	38.5	14.0	33.9	8/30/19 4:45	12.7	(33.4)	0.0	(24.2)
8/29/19 16:00	28.3	8.4	11.2	42.9	8/30/19 5:00	12.6	(30.7)	(0.0)	(28.4)
8/29/19 16:15	17.0	8.1	3.7	23.0	8/30/19 5:15	39.5	(44.1)	(0.0)	(6.9)
8/29/19 16:30	(22.2)	20.4	(4.3)	(8.7)	8/30/19 5:30	11.0	(7.8)	(0.0)	6.3
8/29/19 16:45	29.8	21.2	(10.6)	37.9	8/30/19 5:45	21.7	(4.7)	0.0	23.3
8/29/19 17:00	9.3	17.4	(0.8)	23.8	8/30/19 6:00	61.8	3.9	0.0	65.4
8/29/19 17:15	(10.6)	7.9	12.6	10.0	8/30/19 6:15	61.4	3.3	(0.0)	64.5
8/29/19 17:30	(35.6)	(6.9)	9.9	(33.3)	8/30/19 6:30	(23.5)	13.9	0.0	(9.7)
8/29/19 17:45	4.3	17.2	(9.7)	11.1	8/30/19 6:45	27.1	11.8	(1.2)	37.2
8/29/19 18:00	5.1	19.9	(5.5)	16.1	8/30/19 7:00	39.8	(12.0)	(7.1)	25.5
8/29/19 18:15	(12.6)	(5.5)	15.1	(6.8)	8/30/19 7:15	10.8	(48.1)	(10.2)	(49.6)
8/29/19 18:30	(20.5)	(33.9)	10.7	(43.5)	8/30/19 7:30	14.3	48.6	(25.7)	41.0
8/29/19 18:45	(37.3)	(31.3)	14.6	(52.7)	8/30/19 7:45	(18.2)	58.8	(20.8)	32.0
8/29/19 19:00	(16.5)	(46.9)	12.2	(49.1)	8/30/19 8:00	36.6	48.0	(12.8)	73.4
8/29/19 19:15	(35.8)	(51.5)	2.8	(84.5)	8/30/19 8:15	15.0	31.3	15.1	58.6
8/29/19 19:30	(8.1)	(81.1)	1.6	(87.7)	8/30/19 8:30	13.0	38.8	(8.5)	45.7
8/29/19 19:45	(15.1)	(78.3)	0.2	(90.6)	8/30/19 8:45	40.4	21.7	(13.0)	49.1
8/29/19 20:00	5.4	(39.8)	0.0	(39.4)	8/30/19 9:00	8.4	13.1	(4.1)	15.3
8/29/19 20:15	(26.3)	28.7	(0.0)	9.5	8/30/19 9:15	26.2	13.7	(11.1)	29.6
8/29/19 20:30	(24.8)	54.9	0.0	31.2	8/30/19 9:30	30.0	(9.0)	(21.4)	(6.9)
8/29/19 20:45	14.0	69.9	(0.0)	83.8	8/30/19 9:45	33.7	(19.3)	(8.3)	10.0
8/29/19 21:00	(32.7)	59.4	0.0	28.2	8/30/19 10:00	(13.2)	17.3	(5.6)	15.0
8/29/19 21:15	(76.3)	63.7	(0.0)	(12.6)	8/30/19 10:15	25.4	23.3	(0.7)	48.0
8/29/19 21:30	(48.2)	102.2	(0.0)	54.0	8/30/19 10:30	26.6	4.7	0.2	29.8
8/29/19 21:45	(29.8)	95.4	0.0	65.7	8/30/19 10:45	10.2	(22.9)	0.2	(23.4)
8/29/19 22:00	(57.4)	55.0	0.0	(17.7)	8/30/19 11:00	22.2	(15.4)	0.3	10.6
8/29/19 22:15	(83.9)	(21.3)	0.0	(103.6)	8/30/19 11:15	24.4	(9.9)	0.4	17.9
8/29/19 22:30	(50.6)	21.3	(0.0)	(35.0)	8/30/19 11:30	31.7	(21.6)	3.5	15.7
8/29/19 22:45	(80.4)	115.6	(0.0)	35.1	8/30/19 11:45	6.9	(33.7)	14.5	(20.1)
8/29/19 23:00	(44.5)	32.4	(0.0)	(12.6)	8/30/19 12:00	44.3	(3.0)	(13.8)	30.9
8/29/19 23:15	(25.3)	(19.4)	0.0	(43.9)	8/30/19 12:15	41.8	11.2	0.4	53.4
8/29/19 23:30	(48.0)	(9.6)	(0.0)	(52.3)	8/30/19 12:30	(13.7)	14.8	0.5	12.0
8/29/19 23:45	(56.6)	17.5	(0.0)	(39.4)	8/30/19 12:45	57.1	(4.5)	0.3	54.8
8/30/19 0:00	(15.8)	7.1	(0.0)	(13.2)	8/30/19 13:00	38.3	(11.8)	(0.1)	26.4
8/30/19 0:15	(27.2)	14.6	0.1	(14.3)	8/30/19 13:15	15.5	(7.8)	(0.3)	10.8
8/30/19 0:30	(45.6)	17.8	0.0	(30.2)	8/30/19 13:30	26.7	(18.6)	(0.1)	10.6
8/30/19 0:45	(13.8)	19.2	(0.0)	15.7	8/30/19 13:45	10.9	(30.1)	0.1	(21.6)
8/30/19 1:00	16.9	1.9	(0.0)	17.1	8/30/19 14:00	39.9	(41.5)	2.3	10.7
8/30/19 1:15	(25.2)	(3.3)	(0.0)	(28.5)	8/30/19 14:15	(24.3)	(36.2)	(2.9)	(61.2)
8/30/19 1:30	(11.2)	(14.9)	(0.0)	(23.9)	8/30/19 14:30	60.9	(37.7)	9.1	33.1
8/30/19 1:45	(14.3)	(18.4)	0.0	(32.7)	8/30/19 14:45	27.5	(33.6)	(9.3)	(16.6)
8/30/19 2:00	(27.9)	(40.7)	(0.0)	(66.6)	8/30/19 15:00	(14.0)	(7.7)	(0.6)	(16.2)

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	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/30/19 15:15	35.7	17.9	0.4	53.8	8/31/19 4:15	17.2	14.7	0.0	30.4
8/30/19 15:30	15.4	21.8	(1.2)	34.0	8/31/19 4:30	(1.8)	(5.4)	(0.0)	(6.1)
8/30/19 15:45	(13.2)	(82.4)	8.3	(79.2)	8/31/19 4:45	(18.7)	5.1	0.0	(14.9)
8/30/19 16:00	41.6	(55.7)	11.2	(13.2)	8/31/19 5:00	27.2	6.2	(0.0)	30.4
8/30/19 16:15	16.8	(30.7)	12.3	(7.3)	8/31/19 5:15	24.4	8.7	0.0	31.6
8/30/19 16:30	21.4	(32.5)	14.4	7.1	8/31/19 5:30	(14.1)	22.1	0.0	13.3
8/30/19 16:45	49.4	(64.8)	17.5	5.5	8/31/19 5:45	20.4	7.5	(0.0)	22.1
8/30/19 17:00	25.9	(48.1)	(12.9)	(35.1)	8/31/19 6:00	31.6	(4.7)	(0.0)	27.0
8/30/19 17:15	(10.0)	(74.8)	15.7	(61.2)	8/31/19 6:15	(22.5)	11.5	0.0	(12.1)
8/30/19 17:30	22.4	(68.9)	11.3	(39.2)	8/31/19 6:30	(33.7)	21.1	(0.0)	(15.8)
8/30/19 17:45	5.8	(55.2)	13.4	(41.1)	8/31/19 6:45	(4.6)	(3.7)	(1.3)	(6.4)
8/30/19 18:00	(21.1)	(93.0)	(15.4)	(127.7)	8/31/19 7:00	(38.2)	9.4	(3.6)	(32.4)
8/30/19 18:15	(37.7)	(66.3)	6.1	(98.4)	8/31/19 7:15	9.1	17.8	(4.1)	22.9
8/30/19 18:30	(22.7)	44.0	25.3	47.8	8/31/19 7:30	16.4	25.5	1.3	42.4
8/30/19 18:45	(38.2)	97.4	12.7	71.9	8/31/19 7:45	26.0	9.4	(12.3)	23.1
8/30/19 19:00	(13.7)	116.8	8.8	117.7	8/31/19 8:00	24.6	7.2	(6.3)	29.2
8/30/19 19:15	(29.5)	19.7	3.2	(15.8)	8/31/19 8:15	29.2	17.1	10.2	56.4
8/30/19 19:30	(36.6)	(42.4)	1.7	(77.0)	8/31/19 8:30	45.7	(1.5)	(17.5)	28.9
8/30/19 19:45	(21.9)	(24.0)	0.3	(43.0)	8/31/19 8:45	55.9	(10.6)	(33.4)	11.8
8/30/19 20:00	(10.3)	(19.3)	0.0	(25.9)	8/31/19 9:00	24.2	(4.6)	(12.2)	8.1
8/30/19 20:15	(23.3)	41.4	(0.0)	23.1	8/31/19 9:15	21.7	0.2	(8.2)	17.3
8/30/19 20:30	(32.3)	(28.3)	0.0	(59.0)	8/31/19 9:30	26.6	4.2	(7.2)	27.1
8/30/19 20:45	(34.8)	(61.7)	(0.0)	(96.5)	8/31/19 9:45	49.4	3.2	5.1	55.2
8/30/19 21:00	(40.1)	(97.3)	(0.0)	(137.3)	8/31/19 10:00	42.8	(8.5)	(16.4)	18.5
8/30/19 21:15	(55.0)	(30.7)	(0.0)	(85.6)	8/31/19 10:15	8.5	(6.4)	(11.2)	(18.1)
8/30/19 21:30	(25.3)	(16.0)	0.0	(40.3)	8/31/19 10:30	23.2	(7.8)	(14.3)	6.1
8/30/19 21:45	(21.8)	(41.4)	(0.0)	(59.6)	8/31/19 10:45	48.6	2.6	2.9	51.1
8/30/19 22:00	(47.3)	24.0	0.1	(61.2)	8/31/19 11:00	54.9	6.4	2.7	60.7
8/30/19 22:15	(39.7)	97.0	(0.1)	57.2	8/31/19 11:15	(10.6)	14.8	(2.8)	14.4
8/30/19 22:30	(49.3)	119.0	(0.0)	69.7	8/31/19 11:30	59.2	4.8	0.6	64.3
8/30/19 22:45	(43.5)	108.0	(0.0)	64.5	8/31/19 11:45	48.4	(1.6)	0.4	47.8
8/30/19 23:00	(56.8)	(23.2)	0.0	(74.7)	8/31/19 12:00	20.0	10.9	0.2	28.2
8/30/19 23:15	(56.6)	(59.7)	(0.0)	(116.3)	8/31/19 12:15	39.2	2.7	0.5	42.3
8/30/19 23:30	(37.1)	(11.1)	(0.0)	(47.7)	8/31/19 12:30	38.6	(2.8)	(0.1)	35.8
8/30/19 23:45	(21.2)	102.2	(0.0)	82.3	8/31/19 12:45	27.8	0.5	0.1	28.2
8/31/19 0:00	(53.2)	117.1	(0.0)	63.8	8/31/19 13:00	37.8	(4.5)	0.2	33.8
8/31/19 0:15	(13.6)	62.1	(0.0)	56.2	8/31/19 13:15	22.4	(5.3)	(0.2)	16.8
8/31/19 0:30	(31.8)	15.1	0.1	(25.1)	8/31/19 13:30	(12.4)	(1.6)	(0.3)	(14.0)
8/31/19 0:45	(76.6)	(35.6)	0.1	(108.7)	8/31/19 13:45	16.1	(5.4)	0.8	13.9
8/31/19 1:00	36.2	12.5	(0.2)	43.0	8/31/19 14:00	68.8	(4.6)	(0.7)	63.8
8/31/19 1:15	(7.4)	(22.4)	0.0	(29.1)	8/31/19 14:15	62.4	3.0	(0.2)	64.4
8/31/19 1:30	(38.8)	17.3	(0.0)	(22.1)	8/31/19 14:30	22.5	(16.7)	(0.2)	6.4
8/31/19 1:45	(23.7)	57.3	0.0	47.3	8/31/19 14:45	8.2	(29.0)	(0.4)	(28.7)
8/31/19 2:00	(21.0)	27.6	(0.0)	16.1	8/31/19 15:00	50.1	(23.9)	(0.7)	26.9
8/31/19 2:15	(48.9)	32.3	(0.0)	(18.4)	8/31/19 15:15	30.8	(43.6)	5.2	(8.3)
8/31/19 2:30	(37.4)	31.8	0.0	(13.7)	8/31/19 15:30	12.5	(41.5)	31.5	7.9
8/31/19 2:45	11.2	14.9	(0.0)	24.7	8/31/19 15:45	39.4	(23.9)	(9.2)	12.2
8/31/19 3:00	(9.8)	25.3	0.0	17.2	8/31/19 16:00	26.6	(13.8)	18.5	31.1
8/31/19 3:15	(49.8)	57.8	(0.0)	8.8	8/31/19 16:15	7.0	(5.2)	(13.8)	(18.8)
8/31/19 3:30	11.9	46.4	0.0	52.0	8/31/19 16:30	36.1	(12.3)	(15.2)	12.3
8/31/19 3:45	19.1	26.1	0.0	45.2	8/31/19 16:45	27.4	(10.9)	(8.9)	12.1
8/31/19 4:00	(19.6)	2.1	(0.0)	(18.3)	8/31/19 17:00	(20.0)	(34.0)	39.1	(12.2)

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	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
8/31/19 17:15	16.0	(46.5)	12.9	(25.9)	9/1/19 6:15	27.9	(1.2)	(0.1)	26.6
8/31/19 17:30	13.9	(32.9)	(6.6)	(28.0)	9/1/19 6:30	(35.2)	14.2	(0.1)	(21.2)
8/31/19 17:45	(8.9)	(16.8)	(15.2)	(31.9)	9/1/19 6:45	18.8	13.0	(1.8)	29.3
8/31/19 18:00	(24.3)	(27.8)	20.7	(29.3)	9/1/19 7:00	11.9	9.1	(7.7)	11.9
8/31/19 18:15	10.9	(37.9)	16.0	(21.6)	9/1/19 7:15	(46.5)	34.4	(15.4)	(33.7)
8/31/19 18:30	(31.4)	(38.9)	8.6	(62.4)	9/1/19 7:30	26.7	37.6	(13.3)	41.1
8/31/19 18:45	(44.3)	(8.1)	18.3	(34.5)	9/1/19 7:45	33.5	(12.7)	(12.4)	22.6
8/31/19 19:00	(21.2)	(31.0)	11.4	(40.8)	9/1/19 8:00	17.8	(61.2)	(22.2)	(65.6)
8/31/19 19:15	(36.2)	(51.5)	4.8	(82.9)	9/1/19 8:15	41.8	17.3	(23.5)	31.8
8/31/19 19:30	(39.0)	(39.7)	1.7	(76.6)	9/1/19 8:30	31.3	50.5	(19.7)	61.9
8/31/19 19:45	(6.4)	(67.8)	0.1	(68.2)	9/1/19 8:45	16.8	42.1	(4.7)	44.1
8/31/19 20:00	(16.9)	(79.4)	0.0	(96.0)	9/1/19 9:00	38.7	21.4	(3.5)	49.9
8/31/19 20:15	(35.8)	(60.5)	(0.0)	(96.3)	9/1/19 9:15	59.1	(10.1)	(1.4)	47.6
8/31/19 20:30	(15.7)	(51.3)	(0.0)	(66.7)	9/1/19 9:30	50.3	6.3	(0.9)	55.8
8/31/19 20:45	(24.9)	(43.4)	0.0	(68.3)	9/1/19 9:45	21.0	1.5	5.3	26.2
8/31/19 21:00	(60.4)	(20.2)	0.0	(80.5)	9/1/19 10:00	60.9	(2.0)	(5.0)	55.8
8/31/19 21:15	(62.4)	12.7	0.0	(53.2)	9/1/19 10:15	46.7	(4.4)	(1.3)	41.5
8/31/19 21:30	(30.1)	12.0	0.0	(20.1)	9/1/19 10:30	2.4	22.0	3.9	26.9
8/31/19 21:45	(22.5)	12.3	(0.0)	(10.2)	9/1/19 10:45	72.4	23.5	(1.0)	95.7
8/31/19 22:00	(46.0)	(10.9)	(0.0)	(56.8)	9/1/19 11:00	58.0	(2.7)	(0.9)	56.4
8/31/19 22:15	28.7	(2.6)	(0.0)	27.2	9/1/19 11:15	33.8	9.2	2.6	44.9
8/31/19 22:30	(44.7)	(1.5)	(0.0)	(46.2)	9/1/19 11:30	47.9	12.3	(2.0)	57.6
8/31/19 22:45	(71.0)	(17.0)	0.0	(88.0)	9/1/19 11:45	56.9	16.8	0.9	74.2
8/31/19 23:00	(34.4)	(17.3)	(0.0)	(47.9)	9/1/19 12:00	45.9	23.9	(2.2)	67.5
8/31/19 23:15	(22.0)	58.5	0.0	36.4	9/1/19 12:15	16.3	36.7	0.5	50.8
8/31/19 23:30	(39.9)	52.7	(0.0)	12.7	9/1/19 12:30	(6.6)	22.4	0.9	21.8
8/31/19 23:45	(21.0)	26.2	0.0	11.5	9/1/19 12:45	85.2	18.3	1.8	105.3
9/1/19 0:00	(37.5)	20.5	0.0	(17.0)	9/1/19 13:00	50.1	15.2	(1.1)	64.5
9/1/19 0:15	(58.6)	24.6	(0.0)	(34.7)	9/1/19 13:15	36.0	6.9	(0.4)	42.3
9/1/19 0:30	(15.0)	10.9	(0.0)	(4.8)	9/1/19 13:30	57.6	(3.7)	1.6	56.6
9/1/19 0:45	(22.7)	22.3	(0.0)	(1.8)	9/1/19 13:45	49.1	(3.5)	1.6	46.1
9/1/19 1:00	(61.5)	34.4	0.0	(27.1)	9/1/19 14:00	15.3	(2.3)	(1.0)	13.8
9/1/19 1:15	(19.2)	14.4	0.0	(7.1)	9/1/19 14:15	43.2	(8.0)	2.0	37.1
9/1/19 1:30	(14.6)	5.4	(0.0)	(10.3)	9/1/19 14:30	20.9	(22.4)	11.6	10.2
9/1/19 1:45	(24.6)	16.8	(0.0)	(7.9)	9/1/19 14:45	8.2	(31.4)	9.0	(21.4)
9/1/19 2:00	(32.7)	36.3	0.0	10.1	9/1/19 15:00	61.9	23.5	(8.8)	79.2
9/1/19 2:15	(14.5)	(6.9)	0.1	(12.8)	9/1/19 15:15	39.5	14.3	24.0	77.4
9/1/19 2:30	(18.5)	8.4	(0.1)	(10.2)	9/1/19 15:30	8.2	8.6	(15.4)	(22.3)
9/1/19 2:45	(30.0)	39.0	0.0	15.9	9/1/19 15:45	44.8	(7.6)	(15.1)	25.2
9/1/19 3:00	(11.8)	16.4	0.0	11.3	9/1/19 16:00	28.5	(16.4)	(7.2)	8.9
9/1/19 3:15	(14.0)	7.1	0.1	(7.6)	9/1/19 16:15	13.9	(27.8)	7.8	(13.8)
9/1/19 3:30	(15.3)	6.4	(0.1)	(12.7)	9/1/19 16:30	(19.2)	(28.6)	6.1	(39.4)
9/1/19 3:45	(7.8)	10.8	(0.0)	10.4	9/1/19 16:45	28.5	1.4	(10.4)	20.1
9/1/19 4:00	(10.1)	5.7	0.0	(9.1)	9/1/19 17:00	19.6	(8.6)	6.3	22.7
9/1/19 4:15	(37.2)	73.3	0.0	47.5	9/1/19 17:15	(30.6)	(37.4)	22.8	(44.1)
9/1/19 4:30	7.5	21.0	0.0	25.9	9/1/19 17:30	22.0	(38.4)	18.6	(10.2)
9/1/19 4:45	(11.8)	(2.4)	0.0	(13.9)	9/1/19 17:45	(3.3)	(42.8)	18.3	(27.6)
9/1/19 5:00	12.6	(11.1)	(0.0)	(14.7)	9/1/19 18:00	(46.3)	(59.9)	9.2	(97.6)
9/1/19 5:15	15.1	(11.0)	(0.0)	4.4	9/1/19 18:15	(15.3)	(74.0)	(7.4)	(95.0)
9/1/19 5:30	(21.3)	(14.5)	0.0	(32.9)	9/1/19 18:30	(25.6)	(68.6)	20.3	(73.9)
9/1/19 5:45	(22.2)	(6.4)	0.0	(28.5)	9/1/19 18:45	(46.1)	(53.6)	5.2	(94.5)
9/1/19 6:00	38.2	3.3	0.1	39.4	9/1/19 19:00	(28.3)	(34.1)	7.0	(55.4)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/1/19 19:15	(16.3)	(29.1)	2.2	(38.6)	9/2/19 8:15	16.4	8.7	(24.8)	7.4
9/1/19 19:30	(27.0)	(12.6)	1.0	(38.7)	9/2/19 8:30	30.8	23.0	(25.3)	28.5
9/1/19 19:45	(40.6)	(22.7)	0.1	(60.0)	9/2/19 8:45	41.8	43.0	(4.3)	81.3
9/1/19 20:00	10.2	(7.3)	(0.0)	(11.3)	9/2/19 9:00	62.5	36.0	21.1	119.6
9/1/19 20:15	(13.3)	(6.1)	0.0	(18.2)	9/2/19 9:15	68.0	5.4	(3.7)	72.0
9/1/19 20:30	(55.5)	31.8	(0.0)	(29.0)	9/2/19 9:30	52.7	(7.4)	(16.1)	29.2
9/1/19 20:45	(28.5)	32.1	(0.0)	13.0	9/2/19 9:45	59.7	(30.4)	7.2	36.5
9/1/19 21:00	(37.1)	4.9	(0.0)	(32.3)	9/2/19 10:00	62.7	(46.9)	10.7	27.2
9/1/19 21:15	(70.0)	14.5	0.0	(55.5)	9/2/19 10:15	60.4	(34.9)	(20.5)	6.5
9/1/19 21:30	(31.4)	(2.1)	0.0	(31.8)	9/2/19 10:30	55.1	(25.6)	11.8	34.5
9/1/19 21:45	(32.9)	(24.2)	(0.0)	(57.1)	9/2/19 10:45	60.0	(52.0)	(5.8)	10.2
9/1/19 22:00	(90.4)	(30.0)	(0.0)	(120.4)	9/2/19 11:00	47.1	(32.7)	(1.8)	13.7
9/1/19 22:15	(33.6)	(27.2)	0.0	(60.8)	9/2/19 11:15	38.5	(6.4)	1.6	32.3
9/1/19 22:30	(39.8)	(6.1)	0.0	(45.7)	9/2/19 11:30	67.7	(10.5)	(9.1)	48.3
9/1/19 22:45	(76.1)	17.2	(0.0)	(58.8)	9/2/19 11:45	59.1	(13.5)	(2.4)	44.5
9/1/19 23:00	(56.8)	13.8	0.0	(43.0)	9/2/19 12:00	49.6	(3.0)	0.6	48.0
9/1/19 23:15	(33.9)	27.5	0.0	(8.1)	9/2/19 12:15	59.5	(6.7)	0.4	57.3
9/1/19 23:30	(49.6)	19.5	0.0	(30.1)	9/2/19 12:30	4.4	(26.9)	0.7	(26.3)
9/1/19 23:45	(66.2)	32.4	0.0	(33.9)	9/2/19 12:45	28.5	11.1	0.3	33.1
9/2/19 0:00	(6.5)	34.9	(0.0)	31.0	9/2/19 13:00	25.4	53.0	(1.0)	77.4
9/2/19 0:15	(37.8)	61.6	(0.0)	24.3	9/2/19 13:15	46.0	33.0	8.1	87.0
9/2/19 0:30	(20.6)	43.4	(0.0)	24.5	9/2/19 13:30	31.0	25.4	(10.3)	46.2
9/2/19 0:45	(23.9)	15.3	0.1	(18.6)	9/2/19 13:45	37.8	25.4	1.0	64.2
9/2/19 1:00	(24.7)	7.8	0.0	(16.9)	9/2/19 14:00	37.2	5.9	7.7	46.4
9/2/19 1:15	(39.6)	3.2	(0.0)	(36.5)	9/2/19 14:15	27.7	(7.1)	2.2	26.2
9/2/19 1:30	(29.7)	(6.8)	(0.0)	(36.4)	9/2/19 14:30	18.9	(14.0)	2.3	6.6
9/2/19 1:45	(21.1)	(24.8)	0.0	(45.9)	9/2/19 14:45	32.0	(2.9)	(4.5)	25.6
9/2/19 2:00	(15.0)	(8.3)	(0.0)	(20.4)	9/2/19 15:00	28.3	28.5	(4.3)	53.8
9/2/19 2:15	(11.2)	10.2	(0.0)	(4.8)	9/2/19 15:15	33.7	39.7	(0.9)	73.1
9/2/19 2:30	(16.8)	(26.9)	0.0	(41.3)	9/2/19 15:30	32.4	39.3	(1.0)	71.2
9/2/19 2:45	(28.0)	18.6	0.0	(23.1)	9/2/19 15:45	29.7	13.3	0.4	43.2
9/2/19 3:00	(14.8)	17.2	0.0	6.0	9/2/19 16:00	27.1	9.4	1.1	37.6
9/2/19 3:15	(5.5)	5.7	(0.0)	5.7	9/2/19 16:15	14.2	(7.5)	2.6	12.9
9/2/19 3:30	15.1	(2.3)	0.0	12.9	9/2/19 16:30	24.8	(17.9)	2.0	8.8
9/2/19 3:45	(8.9)	11.1	0.0	4.6	9/2/19 16:45	18.8	(22.3)	4.2	(6.2)
9/2/19 4:00	(3.7)	7.2	(0.0)	3.8	9/2/19 17:00	14.8	19.7	1.3	34.1
9/2/19 4:15	6.4	21.5	0.0	26.8	9/2/19 17:15	4.4	7.6	2.9	13.3
9/2/19 4:30	(2.5)	52.7	0.0	50.3	9/2/19 17:30	1.3	(20.9)	9.5	(11.9)
9/2/19 4:45	(16.0)	50.0	0.0	34.0	9/2/19 17:45	2.4	(6.5)	9.7	7.2
9/2/19 5:00	8.9	36.6	(0.0)	45.5	9/2/19 18:00	(15.0)	(7.0)	20.9	(7.3)
9/2/19 5:15	15.9	25.7	0.0	41.6	9/2/19 18:15	(31.4)	(30.0)	20.1	(41.3)
9/2/19 5:30	6.5	13.4	(0.0)	19.9	9/2/19 18:30	(34.7)	(36.8)	17.1	(54.5)
9/2/19 5:45	7.8	19.5	(0.0)	27.2	9/2/19 18:45	(36.6)	(35.4)	13.5	(58.5)
9/2/19 6:00	(7.2)	22.1	(0.0)	17.4	9/2/19 19:00	(46.2)	(46.5)	13.8	(78.8)
9/2/19 6:15	(25.4)	13.6	(0.0)	(12.2)	9/2/19 19:15	(57.0)	(32.2)	4.5	(84.7)
9/2/19 6:30	(9.5)	5.3	0.0	(4.9)	9/2/19 19:30	(14.6)	(19.0)	1.0	(32.2)
9/2/19 6:45	(1.8)	7.0	(1.3)	4.3	9/2/19 19:45	(9.8)	(49.0)	(0.0)	(58.8)
9/2/19 7:00	(3.4)	3.2	(8.2)	(5.2)	9/2/19 20:00	(25.9)	(79.8)	0.0	(105.7)
9/2/19 7:15	(4.8)	10.3	(15.0)	(7.5)	9/2/19 20:15	(44.2)	(131.1)	(0.0)	(175.3)
9/2/19 7:30	11.9	(2.4)	(20.2)	(10.3)	9/2/19 20:30	(52.9)	(153.6)	0.0	(206.5)
9/2/19 7:45	16.4	10.4	(13.0)	13.9	9/2/19 20:45	(25.3)	(90.8)	0.0	(116.0)
9/2/19 8:00	16.5	20.1	(6.6)	30.0	9/2/19 21:00	(46.9)	(39.0)	(0.0)	(85.9)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/2/19 21:15	(73.1)	(65.5)	0.0	(138.6)	9/3/19 10:15	7.4	49.4	(2.5)	49.8
9/2/19 21:30	(77.9)	32.9	(0.0)	(56.8)	9/3/19 10:30	25.1	4.1	(2.2)	25.7
9/2/19 21:45	(64.8)	27.4	0.0	(42.8)	9/3/19 10:45	22.3	39.2	(1.2)	60.9
9/2/19 22:00	(43.8)	(22.5)	(0.0)	(66.4)	9/3/19 11:00	8.4	28.3	(2.2)	34.8
9/2/19 22:15	(70.2)	(14.4)	(0.0)	(84.6)	9/3/19 11:15	9.3	9.2	3.2	21.3
9/2/19 22:30	(86.5)	7.7	0.0	(78.8)	9/3/19 11:30	26.1	10.5	(7.3)	29.3
9/2/19 22:45	(72.8)	9.1	(0.0)	(63.7)	9/3/19 11:45	23.8	26.1	(2.8)	47.4
9/2/19 23:00	(68.7)	4.4	(0.0)	(64.3)	9/3/19 12:00	22.7	13.8	7.0	43.3
9/2/19 23:15	(43.3)	6.3	0.0	(42.7)	9/3/19 12:15	17.3	22.2	(1.8)	39.1
9/2/19 23:30	(51.9)	45.0	0.0	(9.6)	9/3/19 12:30	27.8	4.4	(2.3)	31.8
9/2/19 23:45	(4.5)	34.4	0.0	31.0	9/3/19 12:45	29.8	19.1	(3.0)	46.7
9/3/19 0:00	(27.4)	29.8	(0.0)	5.1	9/3/19 13:00	43.3	27.1	2.3	72.0
9/3/19 0:15	(11.8)	(2.1)	(0.0)	(11.9)	9/3/19 13:15	28.4	11.2	2.5	40.4
9/3/19 0:30	(18.2)	(3.2)	(0.0)	(18.9)	9/3/19 13:30	(15.6)	13.4	(2.7)	(4.9)
9/3/19 0:45	(43.3)	24.9	0.0	(18.3)	9/3/19 13:45	27.7	5.7	2.9	32.8
9/3/19 1:00	(33.0)	32.3	(0.0)	(2.2)	9/3/19 14:00	41.0	2.5	6.8	49.7
9/3/19 1:15	(31.4)	21.4	(0.0)	(10.0)	9/3/19 14:15	40.8	15.8	4.3	58.4
9/3/19 1:30	(16.6)	11.5	(0.0)	(5.1)	9/3/19 14:30	25.7	7.9	(9.0)	28.1
9/3/19 1:45	(18.7)	17.1	(0.0)	(3.0)	9/3/19 14:45	28.7	(4.0)	(8.0)	18.9
9/3/19 2:00	(19.3)	27.1	0.0	8.1	9/3/19 15:00	32.8	(16.7)	9.1	25.2
9/3/19 2:15	(24.3)	13.5	(0.0)	(10.8)	9/3/19 15:15	44.9	(17.4)	7.2	34.3
9/3/19 2:30	(12.8)	(8.0)	0.0	(20.8)	9/3/19 15:30	21.3	4.8	2.9	26.5
9/3/19 2:45	(17.1)	2.5	0.0	(16.8)	9/3/19 15:45	20.2	10.1	(6.1)	24.2
9/3/19 3:00	3.8	19.0	0.0	21.4	9/3/19 16:00	15.2	10.5	11.0	35.0
9/3/19 3:15	(5.8)	(17.1)	(0.0)	(22.0)	9/3/19 16:15	(3.1)	6.4	11.2	15.0
9/3/19 3:30	(4.2)	6.9	0.0	4.7	9/3/19 16:30	14.4	11.2	15.5	39.8
9/3/19 3:45	(6.1)	(3.4)	(0.0)	(8.8)	9/3/19 16:45	(5.6)	14.3	3.6	12.3
9/3/19 4:00	(10.5)	20.2	(0.0)	9.8	9/3/19 17:00	(18.7)	13.4	(4.4)	(5.4)
9/3/19 4:15	7.8	17.6	0.0	25.4	9/3/19 17:15	(17.7)	8.4	(16.8)	(26.1)
9/3/19 4:30	7.3	13.4	0.0	20.7	9/3/19 17:30	(7.6)	10.8	14.2	18.2
9/3/19 4:45	10.3	6.1	(0.0)	14.9	9/3/19 17:45	(4.3)	10.8	(3.7)	5.6
9/3/19 5:00	17.6	(28.2)	0.0	(14.8)	9/3/19 18:00	(18.6)	7.6	16.9	5.9
9/3/19 5:15	28.2	(115.8)	0.0	(88.5)	9/3/19 18:15	(31.9)	14.0	16.8	(3.6)
9/3/19 5:30	(6.4)	(17.3)	0.0	(19.0)	9/3/19 18:30	(24.4)	3.4	22.6	7.0
9/3/19 5:45	32.8	(47.5)	0.0	(14.6)	9/3/19 18:45	(16.8)	(4.2)	9.8	(11.2)
9/3/19 6:00	48.3	(45.4)	0.0	22.4	9/3/19 19:00	(22.3)	(2.9)	7.1	(17.3)
9/3/19 6:15	58.3	17.4	(0.0)	67.6	9/3/19 19:15	(11.6)	22.8	2.9	14.3
9/3/19 6:30	28.6	(89.2)	(0.2)	(60.8)	9/3/19 19:30	(2.7)	24.2	0.5	23.9
9/3/19 6:45	22.6	(31.2)	(1.7)	(15.9)	9/3/19 19:45	(3.0)	4.6	0.0	3.8
9/3/19 7:00	28.9	51.9	(6.2)	74.6	9/3/19 20:00	(21.9)	(13.6)	(0.0)	(34.8)
9/3/19 7:15	32.1	(7.2)	(7.7)	25.5	9/3/19 20:15	(41.1)	(48.2)	(0.0)	(89.4)
9/3/19 7:30	2.4	(8.4)	(12.6)	(17.7)	9/3/19 20:30	(29.7)	(31.5)	0.0	(61.2)
9/3/19 7:45	12.6	7.9	(11.6)	8.9	9/3/19 20:45	(41.2)	2.3	(0.0)	(40.6)
9/3/19 8:00	28.7	4.5	(28.8)	5.9	9/3/19 21:00	(51.5)	17.4	0.0	(34.8)
9/3/19 8:15	(12.0)	17.8	(28.4)	(24.3)	9/3/19 21:15	(44.8)	38.5	0.0	(8.4)
9/3/19 8:30	23.6	42.2	7.2	70.2	9/3/19 21:30	(50.2)	23.8	(0.0)	(26.4)
9/3/19 8:45	21.8	(21.0)	(6.6)	(7.7)	9/3/19 21:45	(41.2)	(10.7)	(0.0)	(47.1)
9/3/19 9:00	26.6	(17.2)	10.6	23.7	9/3/19 22:00	(40.5)	(27.2)	0.0	(67.7)
9/3/19 9:15	32.9	56.8	(11.1)	77.9	9/3/19 22:15	(80.8)	(17.9)	(0.0)	(98.7)
9/3/19 9:30	32.3	(80.4)	(8.7)	(56.7)	9/3/19 22:30	(55.0)	(32.6)	(0.0)	(87.6)
9/3/19 9:45	28.3	(25.8)	(0.5)	19.9	9/3/19 22:45	(19.0)	(15.8)	0.0	(34.7)
9/3/19 10:00	23.3	82.0	(3.7)	97.9	9/3/19 23:00	(49.8)	25.5	0.0	(26.5)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/3/19 23:15	(40.7)	24.8	0.0	(17.0)	9/4/19 12:15	17.0	(65.3)	(4.8)	(53.0)
9/3/19 23:30	(51.2)	2.8	(0.0)	(48.5)	9/4/19 12:30	29.7	(35.5)	0.2	(10.4)
9/3/19 23:45	(31.8)	4.5	0.0	(31.6)	9/4/19 12:45	47.6	(29.6)	(0.2)	18.0
9/4/19 0:00	(36.9)	(38.3)	(0.0)	(75.3)	9/4/19 13:00	32.1	(32.7)	0.6	7.0
9/4/19 0:15	(48.0)	(12.7)	(0.0)	(56.8)	9/4/19 13:15	25.9	(21.1)	0.2	10.1
9/4/19 0:30	(35.4)	8.7	(0.0)	(26.7)	9/4/19 13:30	(22.7)	(21.8)	(0.2)	(43.4)
9/4/19 0:45	(36.8)	10.3	0.0	(26.5)	9/4/19 13:45	31.6	(8.7)	(0.4)	25.1
9/4/19 1:00	(20.8)	23.1	0.0	8.8	9/4/19 14:00	24.2	4.2	7.6	36.0
9/4/19 1:15	13.4	5.4	0.1	18.4	9/4/19 14:15	14.3	7.6	6.8	26.2
9/4/19 1:30	(29.5)	20.7	(0.1)	(10.2)	9/4/19 14:30	(4.3)	6.6	(1.0)	3.7
9/4/19 1:45	(30.5)	21.6	(0.0)	(9.5)	9/4/19 14:45	(4.1)	11.6	(0.5)	9.5
9/4/19 2:00	(15.9)	(14.9)	0.0	(29.6)	9/4/19 15:00	7.8	11.6	1.3	19.8
9/4/19 2:15	(21.8)	(22.5)	(0.0)	(44.4)	9/4/19 15:15	(9.7)	11.2	(2.2)	4.6
9/4/19 2:30	(6.6)	(23.4)	0.0	(29.8)	9/4/19 15:30	(2.7)	15.9	(8.4)	6.7
9/4/19 2:45	7.8	(2.9)	0.1	7.0	9/4/19 15:45	(4.4)	34.5	(3.9)	28.3
9/4/19 3:00	(9.7)	2.5	(0.0)	(7.3)	9/4/19 16:00	1.6	69.0	(3.3)	66.3
9/4/19 3:15	(15.2)	18.2	0.0	4.4	9/4/19 16:15	2.8	99.8	14.7	116.7
9/4/19 3:30	(5.4)	26.8	0.0	21.4	9/4/19 16:30	(7.7)	72.4	(10.3)	54.8
9/4/19 3:45	(6.9)	16.2	(0.0)	9.3	9/4/19 16:45	(15.0)	38.7	20.6	44.3
9/4/19 4:00	(2.4)	4.8	0.0	(3.7)	9/4/19 17:00	(23.0)	(54.7)	3.5	(74.2)
9/4/19 4:15	(5.7)	(14.5)	(0.0)	(19.1)	9/4/19 17:15	(4.2)	(36.1)	25.9	(17.1)
9/4/19 4:30	4.5	(16.7)	0.0	(12.2)	9/4/19 17:30	18.7	3.7	26.5	47.3
9/4/19 4:45	11.9	(3.7)	0.0	11.1	9/4/19 17:45	(4.9)	6.3	8.0	14.1
9/4/19 5:00	29.2	17.3	0.1	46.6	9/4/19 18:00	(25.4)	(113.5)	9.4	(129.5)
9/4/19 5:15	43.9	14.5	(0.1)	58.4	9/4/19 18:15	(21.5)	(89.1)	6.8	(103.8)
9/4/19 5:30	25.6	(12.5)	(0.0)	13.1	9/4/19 18:30	(11.7)	(36.2)	9.6	(37.7)
9/4/19 5:45	31.8	3.9	(0.0)	34.9	9/4/19 18:45	(18.5)	29.8	0.9	15.6
9/4/19 6:00	56.2	11.7	0.0	67.9	9/4/19 19:00	(27.5)	50.0	3.7	26.1
9/4/19 6:15	79.8	(7.7)	(0.0)	76.3	9/4/19 19:15	(15.4)	106.7	1.9	93.2
9/4/19 6:30	20.8	(16.2)	(0.0)	4.6	9/4/19 19:30	3.8	15.6	0.3	16.4
9/4/19 6:45	(12.8)	(8.7)	(0.6)	(17.4)	9/4/19 19:45	13.0	18.0	0.0	26.0
9/4/19 7:00	15.4	14.3	(3.7)	23.6	9/4/19 20:00	(2.0)	34.0	0.0	32.9
9/4/19 7:15	14.6	22.7	(9.6)	27.7	9/4/19 20:15	(17.6)	(24.3)	0.0	(31.3)
9/4/19 7:30	(2.8)	(9.1)	(11.1)	(19.4)	9/4/19 20:30	(29.5)	(28.7)	0.0	(53.1)
9/4/19 7:45	10.1	(17.1)	(18.9)	(25.9)	9/4/19 20:45	(27.5)	(88.4)	0.0	(115.9)
9/4/19 8:00	(4.3)	(12.2)	(22.0)	(38.5)	9/4/19 21:00	(38.8)	(25.5)	(0.0)	(64.3)
9/4/19 8:15	6.2	2.1	(16.3)	(12.6)	9/4/19 21:15	(51.5)	(30.2)	(0.0)	(81.7)
9/4/19 8:30	25.2	(29.6)	(15.7)	(20.0)	9/4/19 21:30	(57.6)	(14.1)	0.0	(68.1)
9/4/19 8:45	30.1	(30.4)	(4.4)	(10.3)	9/4/19 21:45	(39.7)	5.0	0.0	(35.5)
9/4/19 9:00	22.9	(16.2)	(5.2)	7.5	9/4/19 22:00	(33.2)	(5.8)	(0.0)	(37.3)
9/4/19 9:15	11.4	(18.9)	(6.7)	(14.2)	9/4/19 22:15	(82.6)	15.7	0.0	(67.3)
9/4/19 9:30	22.8	(6.0)	(4.3)	16.1	9/4/19 22:30	(53.6)	(7.3)	(0.0)	(61.0)
9/4/19 9:45	21.0	28.3	(5.8)	43.5	9/4/19 22:45	(37.7)	3.2	0.0	(34.5)
9/4/19 10:00	28.5	32.8	(0.6)	60.7	9/4/19 23:00	(15.7)	(7.3)	0.0	(22.0)
9/4/19 10:15	41.6	10.3	0.8	51.9	9/4/19 23:15	(23.3)	(31.4)	(0.0)	(52.0)
9/4/19 10:30	12.1	(4.5)	2.3	13.5	9/4/19 23:30	(31.9)	(35.5)	0.0	(65.5)
9/4/19 10:45	46.1	(38.2)	(1.3)	8.2	9/4/19 23:45	(24.8)	81.4	(0.0)	56.6
9/4/19 11:00	39.4	(32.2)	1.6	9.3	9/5/19 0:00	(16.2)	14.3	(0.0)	(8.9)
9/4/19 11:15	39.6	(24.6)	(0.9)	15.4	9/5/19 0:15	(28.7)	21.4	(0.0)	(7.6)
9/4/19 11:30	51.8	(33.9)	5.3	22.1	9/5/19 0:30	(29.9)	29.6	0.0	(0.9)
9/4/19 11:45	40.8	(40.2)	(3.6)	(6.2)	9/5/19 0:45	(23.9)	19.6	(0.0)	(4.6)
9/4/19 12:00	30.0	(46.4)	4.1	(17.3)	9/5/19 1:00	(28.1)	13.4	(0.0)	(14.7)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/5/19 1:15	(14.9)	20.2	0.0	5.5	9/5/19 14:15	27.9	4.8	0.3	29.7
9/5/19 1:30	(7.9)	9.1	(0.0)	2.5	9/5/19 14:30	68.7	(2.7)	7.0	74.7
9/5/19 1:45	(9.6)	14.1	0.0	4.9	9/5/19 14:45	36.2	7.2	(7.7)	35.0
9/5/19 2:00	(20.8)	18.6	(0.0)	(4.5)	9/5/19 15:00	(12.8)	(4.4)	2.0	(14.9)
9/5/19 2:15	(22.6)	20.9	(0.0)	(4.0)	9/5/19 15:15	(13.0)	(17.2)	1.7	(23.1)
9/5/19 2:30	(18.7)	52.5	0.0	33.7	9/5/19 15:30	6.8	(9.1)	(2.2)	(9.4)
9/5/19 2:45	(4.7)	4.2	0.0	(6.8)	9/5/19 15:45	(4.8)	(1.9)	(7.4)	(11.2)
9/5/19 3:00	4.2	6.3	0.0	8.3	9/5/19 16:00	(51.0)	(11.0)	(4.5)	(64.3)
9/5/19 3:15	8.0	8.2	(0.0)	14.6	9/5/19 16:15	8.1	(13.0)	12.0	4.8
9/5/19 3:30	(3.6)	18.6	0.0	15.0	9/5/19 16:30	(9.2)	(3.0)	4.5	(8.6)
9/5/19 3:45	(2.4)	37.0	(0.0)	35.3	9/5/19 16:45	(45.5)	(10.1)	(7.4)	(62.6)
9/5/19 4:00	8.2	21.6	(0.0)	29.8	9/5/19 17:00	(8.1)	(10.7)	2.9	(13.0)
9/5/19 4:15	12.6	(28.2)	0.0	(17.9)	9/5/19 17:15	(12.1)	(35.9)	13.4	(34.5)
9/5/19 4:30	7.7	(68.6)	0.0	(61.2)	9/5/19 17:30	(21.5)	(43.5)	7.2	(57.8)
9/5/19 4:45	19.3	20.9	(0.0)	37.1	9/5/19 17:45	(33.3)	(70.2)	15.7	(87.8)
9/5/19 5:00	27.0	5.6	(0.0)	32.6	9/5/19 18:00	(26.6)	(37.1)	17.0	(45.9)
9/5/19 5:15	6.4	17.3	0.0	21.8	9/5/19 18:15	(26.2)	12.2	29.1	20.0
9/5/19 5:30	8.6	41.8	0.0	50.5	9/5/19 18:30	(54.9)	(12.4)	19.0	(48.3)
9/5/19 5:45	20.7	28.8	0.0	49.5	9/5/19 18:45	(10.5)	(27.8)	3.1	(33.5)
9/5/19 6:00	43.6	1.1	(0.0)	44.1	9/5/19 19:00	(8.0)	(120.0)	1.3	(119.1)
9/5/19 6:15	43.0	(20.6)	(0.0)	22.9	9/5/19 19:15	(5.2)	(64.3)	1.9	(67.7)
9/5/19 6:30	21.9	(20.0)	0.0	3.9	9/5/19 19:30	(27.8)	(60.8)	0.5	(87.7)
9/5/19 6:45	8.0	(22.4)	(0.6)	(15.3)	9/5/19 19:45	(3.1)	(43.1)	(0.0)	(45.3)
9/5/19 7:00	18.1	(3.7)	(6.3)	13.0	9/5/19 20:00	(16.3)	(34.8)	(0.0)	(47.8)
9/5/19 7:15	40.9	7.4	(13.0)	35.0	9/5/19 20:15	7.5	30.9	0.0	37.5
9/5/19 7:30	19.9	9.7	(15.9)	13.6	9/5/19 20:30	(43.8)	37.7	0.0	(20.3)
9/5/19 7:45	(33.9)	(2.9)	(18.2)	(54.5)	9/5/19 20:45	(42.2)	22.4	0.0	(22.8)
9/5/19 8:00	59.9	32.0	(17.5)	74.4	9/5/19 21:00	(42.5)	45.5	0.0	12.8
9/5/19 8:15	8.7	41.6	(15.3)	35.0	9/5/19 21:15	(39.7)	30.9	0.0	(12.1)
9/5/19 8:30	31.6	67.7	(12.7)	86.3	9/5/19 21:30	(53.9)	34.5	0.0	(19.4)
9/5/19 8:45	54.3	47.7	(5.4)	96.5	9/5/19 21:45	(30.8)	(46.7)	0.0	(76.9)
9/5/19 9:00	46.2	44.5	(2.9)	87.7	9/5/19 22:00	(63.4)	(81.7)	(0.0)	(145.1)
9/5/19 9:15	41.5	31.9	(2.3)	64.2	9/5/19 22:15	(87.1)	(11.7)	(0.0)	(98.8)
9/5/19 9:30	(24.1)	17.6	(1.6)	14.7	9/5/19 22:30	(40.1)	(54.0)	0.0	(94.1)
9/5/19 9:45	49.9	(22.1)	(1.4)	28.0	9/5/19 22:45	(46.9)	(57.7)	0.0	(104.6)
9/5/19 10:00	21.7	(45.0)	(0.5)	(26.4)	9/5/19 23:00	(75.1)	30.2	0.0	(51.0)
9/5/19 10:15	114.7	(34.5)	(0.7)	79.5	9/5/19 23:15	(110.9)	45.1	0.1	(73.7)
9/5/19 10:30	56.8	(13.9)	0.3	43.1	9/5/19 23:30	32.3	11.0	(0.0)	40.7
9/5/19 10:45	32.7	20.1	0.5	52.9	9/5/19 23:45	6.3	19.3	(0.0)	21.0
9/5/19 11:00	(9.8)	39.8	0.6	33.7	9/6/19 0:00	(52.8)	(14.7)	(0.0)	(66.7)
9/5/19 11:15	78.4	25.5	0.8	104.6	9/6/19 0:15	(53.9)	(10.5)	(0.0)	(62.6)
9/5/19 11:30	46.4	29.2	0.9	76.5	9/6/19 0:30	(20.8)	(7.7)	0.0	(25.3)
9/5/19 11:45	43.0	23.2	0.5	66.7	9/6/19 0:45	(41.1)	14.0	0.0	(27.6)
9/5/19 12:00	(8.7)	34.3	0.6	33.5	9/6/19 1:00	(18.1)	9.4	(0.0)	(9.0)
9/5/19 12:15	41.1	37.3	0.1	78.3	9/6/19 1:15	(19.8)	7.9	(0.0)	(15.3)
9/5/19 12:30	43.2	22.5	0.2	65.9	9/6/19 1:30	(5.8)	(30.3)	(0.0)	(32.1)
9/5/19 12:45	27.3	19.6	0.4	47.4	9/6/19 1:45	(23.8)	(43.1)	(0.0)	(64.3)
9/5/19 13:00	26.8	8.4	0.1	35.3	9/6/19 2:00	(9.4)	(12.7)	0.0	(21.6)
9/5/19 13:15	41.4	17.8	0.1	59.3	9/6/19 2:15	(19.3)	(12.3)	0.0	(30.2)
9/5/19 13:30	48.5	19.6	0.1	66.6	9/6/19 2:30	(24.3)	7.0	0.1	(18.8)
9/5/19 13:45	51.4	10.5	(0.3)	61.6	9/6/19 2:45	12.9	2.9	(0.0)	14.0
9/5/19 14:00	21.3	5.3	(0.4)	24.9	9/6/19 3:00	(7.0)	24.7	(0.0)	23.9

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/6/19 3:15	(23.5)	16.0	(0.0)	(15.6)	9/6/19 16:15	(37.9)	(28.9)	1.5	(65.7)
9/6/19 3:30	(28.9)	7.3	0.0	(21.9)	9/6/19 16:30	(32.2)	(18.3)	0.4	(50.1)
9/6/19 3:45	(11.7)	4.1	(0.0)	(8.5)	9/6/19 16:45	(25.3)	6.1	26.9	11.9
9/6/19 4:00	33.6	3.8	0.0	35.8	9/6/19 17:00	(21.4)	12.1	9.1	8.2
9/6/19 4:15	16.0	11.5	(0.0)	27.5	9/6/19 17:15	(7.4)	64.4	11.7	69.8
9/6/19 4:30	(14.6)	12.2	0.0	(9.7)	9/6/19 17:30	(22.9)	104.6	6.4	88.0
9/6/19 4:45	11.4	13.5	0.0	21.0	9/6/19 17:45	(48.2)	157.5	1.6	110.9
9/6/19 5:00	24.0	(6.8)	0.0	18.3	9/6/19 18:00	(42.5)	199.5	1.4	158.5
9/6/19 5:15	18.4	2.6	(0.0)	17.4	9/6/19 18:15	(47.8)	102.0	0.4	54.7
9/6/19 5:30	47.7	13.1	(0.0)	60.0	9/6/19 18:30	(31.2)	33.3	(1.8)	1.0
9/6/19 5:45	38.7	33.1	(0.0)	71.8	9/6/19 18:45	(13.3)	(10.5)	(2.6)	(18.4)
9/6/19 6:00	15.3	74.7	(0.0)	80.7	9/6/19 19:00	20.4	(46.8)	4.0	(34.4)
9/6/19 6:15	33.3	78.9	0.0	112.2	9/6/19 19:15	(54.2)	(137.1)	1.4	(189.8)
9/6/19 6:30	28.2	43.8	(0.0)	72.0	9/6/19 19:30	20.6	(109.2)	0.1	(88.5)
9/6/19 6:45	9.7	34.8	(0.3)	44.2	9/6/19 19:45	5.7	(48.3)	(0.0)	(47.0)
9/6/19 7:00	40.8	21.5	(5.3)	56.9	9/6/19 20:00	(19.6)	52.5	(0.0)	36.1
9/6/19 7:15	19.9	8.8	(4.1)	24.6	9/6/19 20:15	(11.5)	40.8	0.0	33.5
9/6/19 7:30	(16.5)	29.3	(1.5)	14.8	9/6/19 20:30	(27.7)	(93.6)	0.1	(121.2)
9/6/19 7:45	31.9	45.8	(17.7)	60.0	9/6/19 20:45	(26.0)	(92.9)	(0.0)	(118.9)
9/6/19 8:00	16.0	8.7	(19.8)	5.2	9/6/19 21:00	(29.3)	92.0	(0.0)	64.8
9/6/19 8:15	11.0	3.0	(27.9)	(27.8)	9/6/19 21:15	(15.7)	141.9	(0.0)	126.2
9/6/19 8:30	40.4	17.6	(14.8)	43.2	9/6/19 21:30	(28.8)	10.9	0.0	(30.1)
9/6/19 8:45	17.0	(7.1)	(4.0)	9.6	9/6/19 21:45	(40.5)	(5.5)	(0.0)	(43.2)
9/6/19 9:00	(7.2)	(15.8)	(2.6)	(19.6)	9/6/19 22:00	(28.0)	(6.5)	(0.0)	(33.2)
9/6/19 9:15	26.8	30.9	(4.7)	53.0	9/6/19 22:15	(34.0)	(8.9)	0.0	(42.5)
9/6/19 9:30	26.7	12.1	(1.7)	37.1	9/6/19 22:30	(28.8)	46.9	0.0	22.0
9/6/19 9:45	(31.3)	7.7	(1.0)	(26.0)	9/6/19 22:45	(27.4)	42.9	0.0	24.1
9/6/19 10:00	10.2	(18.4)	(1.0)	(14.9)	9/6/19 23:00	(58.9)	16.2	0.0	(45.5)
9/6/19 10:15	7.0	(10.6)	(1.3)	(6.2)	9/6/19 23:15	(20.4)	(22.9)	0.0	(41.2)
9/6/19 10:30	24.3	(20.5)	(3.1)	2.7	9/6/19 23:30	(33.3)	3.1	0.0	(31.4)
9/6/19 10:45	28.8	(37.7)	2.4	(6.5)	9/6/19 23:45	(37.4)	34.0	0.0	(8.8)
9/6/19 11:00	29.1	(26.0)	1.0	6.1	9/7/19 0:00	(36.4)	54.0	0.0	17.7
9/6/19 11:15	31.0	(23.4)	(2.3)	9.9	9/7/19 0:15	(30.9)	45.7	(0.1)	14.8
9/6/19 11:30	(16.3)	(10.6)	1.5	(25.2)	9/7/19 0:30	(17.1)	59.0	0.0	41.9
9/6/19 11:45	53.3	9.4	(1.9)	61.0	9/7/19 0:45	(21.6)	50.4	0.0	28.8
9/6/19 12:00	29.7	3.4	(2.4)	27.3	9/7/19 1:00	35.4	14.6	0.0	50.0
9/6/19 12:15	40.6	(38.8)	(8.7)	(8.0)	9/7/19 1:15	3.9	(10.2)	0.0	(9.3)
9/6/19 12:30	36.4	(34.1)	1.0	7.5	9/7/19 1:30	(9.6)	(4.9)	0.0	(13.9)
9/6/19 12:45	42.5	(15.2)	(1.7)	26.2	9/7/19 1:45	(21.1)	2.2	0.0	(19.4)
9/6/19 13:00	47.1	(39.6)	(1.0)	8.9	9/7/19 2:00	(9.7)	18.5	0.0	13.2
9/6/19 13:15	42.8	(56.9)	1.3	(13.7)	9/7/19 2:15	(34.0)	48.7	0.0	14.7
9/6/19 13:30	34.1	(59.1)	6.2	(18.8)	9/7/19 2:30	(5.3)	32.8	0.1	27.6
9/6/19 13:45	28.0	(49.7)	19.8	(4.4)	9/7/19 2:45	(9.7)	19.2	(0.0)	11.5
9/6/19 14:00	43.6	(52.7)	8.6	(5.4)	9/7/19 3:00	(12.3)	(3.1)	(0.0)	(14.3)
9/6/19 14:15	25.3	(33.8)	(2.5)	(11.2)	9/7/19 3:15	(5.9)	(16.6)	0.0	(21.3)
9/6/19 14:30	29.1	(22.8)	(3.3)	3.9	9/7/19 3:30	7.8	(11.1)	(0.0)	(5.4)
9/6/19 14:45	4.5	(39.9)	6.9	(29.2)	9/7/19 3:45	(9.1)	(3.4)	0.0	(12.5)
9/6/19 15:00	(21.3)	(36.1)	2.4	(55.0)	9/7/19 4:00	(25.0)	4.7	0.1	(20.3)
9/6/19 15:15	(40.3)	(18.7)	4.0	(55.0)	9/7/19 4:15	(15.2)	(11.4)	(0.1)	(21.8)
9/6/19 15:30	(29.6)	(37.1)	3.5	(63.2)	9/7/19 4:30	2.0	(14.9)	(0.0)	(13.7)
9/6/19 15:45	(33.9)	(52.1)	10.0	(76.0)	9/7/19 4:45	7.5	(1.8)	0.0	6.1
9/6/19 16:00	(30.5)	(41.5)	5.3	(66.7)	9/7/19 5:00	12.2	(9.4)	(0.0)	2.9

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/7/19 5:15	18.5	3.0	0.0	20.7	9/7/19 18:15	(23.5)	(33.6)	(10.8)	(67.9)
9/7/19 5:30	15.6	(24.4)	(0.0)	(10.9)	9/7/19 18:30	(9.7)	(39.9)	6.3	(43.7)
9/7/19 5:45	(1.4)	(22.1)	0.0	(22.8)	9/7/19 18:45	(15.3)	(16.6)	14.4	(17.4)
9/7/19 6:00	32.1	(15.4)	0.0	19.7	9/7/19 19:00	(39.8)	4.3	1.8	(37.4)
9/7/19 6:15	43.5	(30.3)	0.0	22.6	9/7/19 19:15	(20.0)	(61.0)	2.0	(79.0)
9/7/19 6:30	(10.9)	(30.7)	0.0	(41.5)	9/7/19 19:30	(8.1)	(76.2)	0.4	(83.8)
9/7/19 6:45	2.9	(10.8)	(0.1)	(8.8)	9/7/19 19:45	(2.5)	(69.2)	(0.2)	(70.5)
9/7/19 7:00	3.3	(35.8)	(2.9)	(38.5)	9/7/19 20:00	(26.3)	(26.9)	(0.3)	(53.5)
9/7/19 7:15	(8.9)	(19.8)	(4.3)	(31.7)	9/7/19 20:15	(31.9)	5.2	0.4	(29.9)
9/7/19 7:30	24.8	(13.9)	(3.0)	8.5	9/7/19 20:30	(34.4)	14.7	0.2	(19.7)
9/7/19 7:45	29.4	18.6	(4.5)	43.4	9/7/19 20:45	(38.5)	12.7	(0.3)	(26.4)
9/7/19 8:00	18.4	20.3	(2.2)	36.0	9/7/19 21:00	(39.3)	44.4	(0.2)	8.0
9/7/19 8:15	(7.9)	20.0	(6.8)	13.0	9/7/19 21:15	(35.7)	(21.3)	0.4	(44.4)
9/7/19 8:30	19.5	11.7	(10.0)	18.9	9/7/19 21:30	(42.4)	(65.5)	(0.5)	(108.4)
9/7/19 8:45	14.4	12.5	(9.0)	17.6	9/7/19 21:45	(24.0)	9.9	0.2	(20.1)
9/7/19 9:00	24.8	13.6	(9.9)	29.1	9/7/19 22:00	(47.2)	(78.9)	0.3	(125.8)
9/7/19 9:15	(24.1)	10.4	(14.0)	(27.8)	9/7/19 22:15	(62.5)	(170.4)	0.3	(232.6)
9/7/19 9:30	24.6	(19.3)	(34.0)	(26.8)	9/7/19 22:30	39.0	(64.0)	(0.1)	(40.9)
9/7/19 9:45	23.8	(70.2)	17.9	(29.2)	9/7/19 22:45	(34.4)	52.2	(0.3)	20.8
9/7/19 10:00	26.1	(42.9)	(24.3)	(41.1)	9/7/19 23:00	(43.8)	41.7	(0.3)	(4.5)
9/7/19 10:15	20.3	(40.6)	24.9	6.0	9/7/19 23:15	(32.2)	8.7	0.3	(24.5)
9/7/19 10:30	33.1	(17.0)	(11.5)	8.6	9/7/19 23:30	(44.5)	5.9	0.3	(39.1)
9/7/19 10:45	31.6	(6.1)	(4.8)	24.2	9/7/19 23:45	(40.6)	14.3	(0.4)	(26.7)
9/7/19 11:00	29.5	(4.1)	(10.3)	19.6	9/8/19 0:00	(36.6)	(26.4)	0.4	(60.7)
9/7/19 11:15	35.6	(15.7)	6.5	22.1	9/8/19 0:15	(23.4)	54.6	0.3	35.3
9/7/19 11:30	33.0	(19.4)	(13.7)	2.4	9/8/19 0:30	(29.0)	62.2	0.0	33.2
9/7/19 11:45	34.8	(14.2)	(3.6)	18.7	9/8/19 0:45	(36.8)	18.9	(0.0)	(18.0)
9/7/19 12:00	27.4	12.5	3.0	40.1	9/8/19 1:00	(24.1)	(20.2)	(0.0)	(42.6)
9/7/19 12:15	19.5	15.2	(5.8)	33.5	9/8/19 1:15	(23.8)	10.4	(0.3)	(22.2)
9/7/19 12:30	29.7	26.3	(6.3)	51.4	9/8/19 1:30	(24.2)	9.1	(0.3)	(15.4)
9/7/19 12:45	29.4	13.7	(3.6)	39.9	9/8/19 1:45	(20.1)	35.6	(0.2)	15.4
9/7/19 13:00	26.0	(2.5)	24.0	48.0	9/8/19 2:00	(19.8)	44.0	0.3	24.5
9/7/19 13:15	17.9	(11.2)	4.9	10.4	9/8/19 2:15	(8.0)	46.7	(0.4)	38.3
9/7/19 13:30	(16.3)	27.8	15.7	31.6	9/8/19 2:30	(16.2)	17.7	0.4	4.2
9/7/19 13:45	36.5	29.1	29.0	94.6	9/8/19 2:45	(16.6)	4.7	(0.4)	(12.2)
9/7/19 14:00	28.2	14.3	(10.3)	37.0	9/8/19 3:00	(13.0)	20.5	0.5	8.8
9/7/19 14:15	19.7	18.3	(19.4)	18.7	9/8/19 3:15	(5.0)	(23.8)	(0.3)	(29.0)
9/7/19 14:30	32.1	28.9	20.9	81.9	9/8/19 3:30	(8.9)	16.5	(0.3)	(16.4)
9/7/19 14:45	31.4	6.2	(11.6)	27.4	9/8/19 3:45	(9.3)	33.6	0.5	24.7
9/7/19 15:00	31.5	18.0	12.3	61.2	9/8/19 4:00	(24.7)	17.1	(0.5)	(8.1)
9/7/19 15:15	50.2	18.7	(3.5)	67.5	9/8/19 4:15	(23.5)	62.6	0.1	41.8
9/7/19 15:30	35.4	16.6	17.2	69.2	9/8/19 4:30	2.6	(13.1)	0.3	(10.2)
9/7/19 15:45	34.2	8.6	5.6	48.5	9/8/19 4:45	(29.3)	12.8	0.3	(16.4)
9/7/19 16:00	27.6	16.3	2.3	46.2	9/8/19 5:00	(22.3)	19.3	(0.2)	(6.0)
9/7/19 16:15	7.1	19.2	0.6	23.6	9/8/19 5:15	14.0	(21.4)	(0.1)	(7.9)
9/7/19 16:30	6.1	16.0	(0.7)	16.9	9/8/19 5:30	0.9	(25.0)	(0.2)	(25.1)
9/7/19 16:45	20.7	16.8	2.0	39.6	9/8/19 5:45	3.9	(19.7)	0.2	(16.0)
9/7/19 17:00	8.3	7.8	4.2	19.9	9/8/19 6:00	12.3	(15.4)	0.2	(3.5)
9/7/19 17:15	5.1	14.3	1.2	18.8	9/8/19 6:15	12.8	(12.3)	(0.0)	1.6
9/7/19 17:30	3.5	14.2	1.1	15.7	9/8/19 6:30	(4.6)	(7.4)	(0.0)	(11.8)
9/7/19 17:45	4.9	(13.5)	6.3	(2.7)	9/8/19 6:45	(3.7)	(10.9)	(0.5)	(15.1)
9/7/19 18:00	(17.2)	(41.2)	3.6	(54.8)	9/8/19 7:00	5.1	26.0	(5.7)	21.9

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/8/19 7:15	3.1	37.0	(12.0)	27.3	9/8/19 20:15	(20.5)	(61.9)	(0.0)	(82.4)
9/8/19 7:30	8.2	(33.0)	(14.9)	(40.1)	9/8/19 20:30	28.6	(45.4)	(0.0)	(25.5)
9/8/19 7:45	7.4	31.8	(20.0)	23.4	9/8/19 20:45	(21.2)	(77.6)	0.0	(88.1)
9/8/19 8:00	7.7	50.1	(20.3)	35.0	9/8/19 21:00	(29.1)	(48.6)	(0.0)	(76.8)
9/8/19 8:15	23.1	42.0	(9.5)	55.5	9/8/19 21:15	(14.3)	63.2	0.0	49.0
9/8/19 8:30	16.8	63.7	(16.1)	64.4	9/8/19 21:30	(41.6)	(42.0)	(0.0)	(79.7)
9/8/19 8:45	30.2	56.1	(12.9)	73.4	9/8/19 21:45	(24.8)	(24.5)	0.0	(41.4)
9/8/19 9:00	13.0	38.1	(1.2)	49.5	9/8/19 22:00	(50.2)	39.5	0.0	(15.1)
9/8/19 9:15	4.0	30.6	(3.9)	30.6	9/8/19 22:15	(42.5)	33.8	(0.0)	(8.7)
9/8/19 9:30	12.7	23.5	(8.1)	28.1	9/8/19 22:30	(40.0)	(36.0)	(0.0)	(76.0)
9/8/19 9:45	8.1	22.8	(2.9)	28.0	9/8/19 22:45	(39.7)	(34.0)	0.0	(62.0)
9/8/19 10:00	17.8	21.4	(0.9)	38.3	9/8/19 23:00	(32.8)	28.1	0.0	(16.1)
9/8/19 10:15	17.9	12.3	(0.5)	29.7	9/8/19 23:15	(24.9)	72.5	0.0	47.6
9/8/19 10:30	9.9	5.0	(0.2)	14.7	9/8/19 23:30	(35.5)	10.5	(0.0)	(25.0)
9/8/19 10:45	14.8	2.2	0.2	15.6	9/8/19 23:45	(25.9)	39.1	0.0	14.1
9/8/19 11:00	23.8	(5.3)	3.7	22.1	9/9/19 0:00	(16.1)	48.6	(0.0)	32.5
9/8/19 11:15	12.1	(21.0)	16.0	8.9	9/9/19 0:15	(3.5)	60.2	(0.0)	56.7
9/8/19 11:30	15.0	(19.3)	10.7	6.3	9/9/19 0:30	(32.8)	14.9	(0.0)	(20.1)
9/8/19 11:45	23.1	(14.7)	(1.7)	8.2	9/9/19 0:45	(17.9)	5.9	(0.0)	(15.5)
9/8/19 12:00	13.9	(11.4)	0.6	5.2	9/9/19 1:00	(8.9)	8.7	(0.0)	3.0
9/8/19 12:15	23.2	(30.3)	(12.2)	(19.3)	9/9/19 1:15	17.0	50.0	0.0	67.0
9/8/19 12:30	21.9	(32.6)	(11.0)	(21.5)	9/9/19 1:30	(10.4)	34.2	(0.0)	26.6
9/8/19 12:45	24.0	(42.6)	7.9	(11.7)	9/9/19 1:45	(8.3)	(6.3)	(0.0)	(13.0)
9/8/19 13:00	27.1	(39.4)	(9.5)	(16.7)	9/9/19 2:00	(13.4)	23.8	0.0	15.8
9/8/19 13:15	22.9	(45.5)	14.7	(8.3)	9/9/19 2:15	(20.7)	(25.5)	(0.0)	(45.3)
9/8/19 13:30	23.8	(30.9)	17.2	10.2	9/9/19 2:30	2.0	40.8	0.0	42.2
9/8/19 13:45	22.3	(53.7)	3.6	(30.8)	9/9/19 2:45	(2.6)	61.2	0.0	58.6
9/8/19 14:00	17.9	(67.0)	(10.4)	(58.8)	9/9/19 3:00	(6.4)	12.3	0.0	(13.0)
9/8/19 14:15	15.1	(80.2)	12.7	(53.1)	9/9/19 3:15	(12.8)	(61.4)	0.0	(74.2)
9/8/19 14:30	40.3	(110.2)	5.3	(64.6)	9/9/19 3:30	4.9	18.9	(0.0)	21.9
9/8/19 14:45	40.8	(75.9)	(13.1)	(47.6)	9/9/19 3:45	2.7	44.2	0.0	44.4
9/8/19 15:00	10.7	(50.0)	(12.5)	(51.6)	9/9/19 4:00	11.8	24.2	(0.0)	36.0
9/8/19 15:15	22.0	(22.5)	5.9	5.4	9/9/19 4:15	10.8	(8.6)	0.0	9.3
9/8/19 15:30	12.0	(25.0)	24.2	11.0	9/9/19 4:30	12.3	(9.1)	(0.0)	8.5
9/8/19 15:45	4.8	(26.8)	2.8	(24.6)	9/9/19 4:45	10.8	(4.4)	0.0	9.3
9/8/19 16:00	(6.2)	(25.6)	33.2	6.3	9/9/19 5:00	13.8	(8.7)	0.0	9.8
9/8/19 16:15	(13.6)	(19.6)	7.8	(27.6)	9/9/19 5:15	45.6	(2.6)	0.0	43.1
9/8/19 16:30	(3.9)	(12.5)	(14.6)	(30.9)	9/9/19 5:30	28.9	(8.6)	(0.0)	20.3
9/8/19 16:45	(4.3)	10.5	(8.7)	(11.0)	9/9/19 5:45	34.9	(25.1)	0.0	9.7
9/8/19 17:00	2.8	29.7	3.6	34.5	9/9/19 6:00	44.2	(14.2)	(0.0)	30.0
9/8/19 17:15	4.5	(4.8)	3.5	7.5	9/9/19 6:15	50.5	(11.3)	0.0	39.2
9/8/19 17:30	(10.7)	(3.7)	22.1	10.7	9/9/19 6:30	20.5	(3.1)	0.0	17.3
9/8/19 17:45	(22.7)	38.1	17.0	32.4	9/9/19 6:45	29.1	(3.9)	(0.1)	25.1
9/8/19 18:00	(20.0)	40.3	(15.8)	12.5	9/9/19 7:00	22.5	(2.5)	(4.1)	15.9
9/8/19 18:15	(23.8)	10.3	(4.8)	(14.0)	9/9/19 7:15	18.1	(5.7)	(9.7)	5.7
9/8/19 18:30	(30.0)	11.3	6.0	(13.7)	9/9/19 7:30	6.2	5.1	(10.2)	3.4
9/8/19 18:45	(16.2)	(22.9)	10.8	(28.3)	9/9/19 7:45	4.0	17.6	(10.8)	9.7
9/8/19 19:00	(6.2)	18.8	6.6	22.2	9/9/19 8:00	3.3	16.5	(25.6)	(8.9)
9/8/19 19:15	16.6	60.8	1.9	79.3	9/9/19 8:15	3.8	32.9	(30.3)	7.2
9/8/19 19:30	16.4	96.4	0.1	112.9	9/9/19 8:30	5.3	31.0	(19.9)	18.1
9/8/19 19:45	7.7	115.2	0.0	121.8	9/9/19 8:45	11.8	14.7	(8.4)	18.1
9/8/19 20:00	(9.4)	65.3	(0.0)	57.3	9/9/19 9:00	24.4	3.9	(4.8)	22.9

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/9/19 9:15	31.9	13.3	(2.9)	42.3	9/9/19 22:15	(30.9)	(30.6)	(0.0)	(61.5)
9/9/19 9:30	(34.9)	1.5	(2.5)	(35.9)	9/9/19 22:30	(52.1)	7.6	0.0	(46.1)
9/9/19 9:45	14.5	7.5	(0.8)	21.1	9/9/19 22:45	(52.6)	32.5	(0.0)	(22.9)
9/9/19 10:00	16.4	4.5	(0.2)	20.8	9/9/19 23:00	(36.3)	19.1	(0.0)	(18.2)
9/9/19 10:15	13.2	7.5	0.2	20.8	9/9/19 23:15	(24.0)	26.9	0.0	3.5
9/9/19 10:30	13.8	7.6	0.8	22.2	9/9/19 23:30	(65.5)	92.7	(0.0)	27.7
9/9/19 10:45	25.5	10.7	(0.2)	36.1	9/9/19 23:45	(32.6)	42.4	0.0	12.0
9/9/19 11:00	17.1	9.2	0.2	26.5	9/10/19 0:00	(29.0)	18.8	0.0	(10.5)
9/9/19 11:15	17.3	18.3	0.3	35.9	9/10/19 0:15	(61.1)	44.6	(0.0)	(18.3)
9/9/19 11:30	21.7	12.9	1.0	35.6	9/10/19 0:30	(8.2)	35.5	(0.0)	28.7
9/9/19 11:45	22.3	5.4	0.2	27.9	9/10/19 0:45	(23.5)	33.4	0.0	10.7
9/9/19 12:00	21.5	3.5	0.2	25.1	9/10/19 1:00	(38.6)	23.5	(0.0)	(16.7)
9/9/19 12:15	3.8	3.1	0.3	7.1	9/10/19 1:15	16.1	13.2	(0.0)	24.6
9/9/19 12:30	28.5	(1.7)	1.0	27.8	9/10/19 1:30	(6.0)	(11.2)	0.1	(16.3)
9/9/19 12:45	13.2	3.9	0.3	17.3	9/10/19 1:45	(37.2)	31.4	(0.0)	(11.9)
9/9/19 13:00	22.9	(3.0)	0.5	20.4	9/10/19 2:00	18.9	18.1	(0.0)	31.2
9/9/19 13:15	21.5	(1.3)	0.2	21.0	9/10/19 2:15	(6.1)	11.1	(0.0)	9.0
9/9/19 13:30	23.9	(3.3)	0.1	20.7	9/10/19 2:30	(20.8)	33.5	0.0	14.7
9/9/19 13:45	24.1	2.1	0.2	26.2	9/10/19 2:45	(7.8)	(2.9)	0.0	(8.4)
9/9/19 14:00	30.3	0.8	0.7	31.5	9/10/19 3:00	(12.0)	20.7	0.0	12.1
9/9/19 14:15	17.0	(5.1)	(0.4)	11.8	9/10/19 3:15	(45.1)	14.1	(0.0)	(32.9)
9/9/19 14:30	24.4	(4.9)	(0.8)	18.8	9/10/19 3:30	15.9	2.7	0.0	16.2
9/9/19 14:45	25.1	(3.3)	0.6	22.6	9/10/19 3:45	(3.0)	4.7	(0.0)	(6.3)
9/9/19 15:00	37.0	(9.9)	(1.0)	26.1	9/10/19 4:00	(22.0)	15.8	0.0	(15.1)
9/9/19 15:15	48.1	(10.0)	(0.3)	37.8	9/10/19 4:15	32.4	1.8	0.0	33.1
9/9/19 15:30	11.4	(6.8)	0.3	(9.7)	9/10/19 4:30	9.4	(36.3)	(0.0)	(28.1)
9/9/19 15:45	40.9	(4.6)	0.3	38.6	9/10/19 4:45	(41.8)	(19.4)	0.0	(56.5)
9/9/19 16:00	18.5	3.2	0.8	19.6	9/10/19 5:00	31.5	35.4	(0.0)	66.5
9/9/19 16:15	17.5	4.4	1.5	20.1	9/10/19 5:15	47.2	(84.6)	0.0	(45.9)
9/9/19 16:30	36.9	(10.5)	2.0	29.0	9/10/19 5:30	17.6	(19.9)	(0.0)	(7.6)
9/9/19 16:45	39.0	(24.2)	3.1	17.9	9/10/19 5:45	35.0	19.1	0.0	52.3
9/9/19 17:00	(24.3)	(28.2)	2.8	(40.6)	9/10/19 6:00	39.1	(9.9)	(0.0)	29.3
9/9/19 17:15	37.7	(28.1)	4.8	20.9	9/10/19 6:15	58.5	(20.6)	(0.0)	42.4
9/9/19 17:30	8.1	(33.3)	9.7	(25.9)	9/10/19 6:30	19.8	(35.0)	0.0	(22.0)
9/9/19 17:45	13.9	(29.0)	17.4	5.6	9/10/19 6:45	28.7	(11.4)	(0.9)	18.2
9/9/19 18:00	(37.7)	(47.5)	19.7	(65.3)	9/10/19 7:00	23.2	13.6	(4.7)	31.4
9/9/19 18:15	14.4	(47.3)	20.1	(19.4)	9/10/19 7:15	11.5	29.0	(8.1)	26.9
9/9/19 18:30	(4.4)	(44.5)	18.6	(30.0)	9/10/19 7:30	24.7	30.1	(14.1)	40.8
9/9/19 18:45	(59.9)	(56.2)	15.2	(100.9)	9/10/19 7:45	(6.4)	34.6	(16.8)	18.2
9/9/19 19:00	(41.0)	(75.1)	8.1	(108.0)	9/10/19 8:00	(21.2)	47.3	(13.7)	18.7
9/9/19 19:15	(20.2)	(47.6)	2.3	(65.4)	9/10/19 8:15	14.6	37.7	(25.9)	13.3
9/9/19 19:30	(3.4)	(33.9)	0.1	(35.3)	9/10/19 8:30	29.5	15.5	(7.9)	37.1
9/9/19 19:45	(2.7)	(42.8)	(0.0)	(43.9)	9/10/19 8:45	(11.5)	27.6	5.9	26.3
9/9/19 20:00	(20.9)	(18.6)	(0.0)	(39.5)	9/10/19 9:00	46.6	30.9	(4.8)	76.1
9/9/19 20:15	(8.2)	(39.5)	(0.0)	(39.7)	9/10/19 9:15	28.3	26.3	(4.5)	53.2
9/9/19 20:30	(47.9)	(30.3)	0.0	(77.7)	9/10/19 9:30	8.5	26.4	(7.2)	27.9
9/9/19 20:45	(41.7)	(20.3)	0.0	(62.0)	9/10/19 9:45	41.8	17.0	(4.4)	58.2
9/9/19 21:00	(27.5)	(26.8)	(0.0)	(54.3)	9/10/19 10:00	20.1	6.8	9.8	33.1
9/9/19 21:15	(36.7)	(13.9)	(0.0)	(50.6)	9/10/19 10:15	(18.4)	10.9	(9.8)	(13.8)
9/9/19 21:30	(55.7)	(3.8)	0.0	(59.2)	9/10/19 10:30	40.6	12.2	(15.5)	39.6
9/9/19 21:45	18.2	(20.8)	(0.0)	(10.4)	9/10/19 10:45	20.3	26.1	24.4	70.8
9/9/19 22:00	(57.0)	(31.2)	0.0	(88.2)	9/10/19 11:00	12.2	7.2	(18.4)	(22.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/10/19 11:15	31.2	7.7	(18.8)	25.1	9/11/19 0:15	17.7	(8.6)	(0.0)	9.9
9/10/19 11:30	21.4	9.8	1.2	31.9	9/11/19 0:30	(46.8)	39.2	(0.0)	(8.1)
9/10/19 11:45	11.1	(12.1)	0.6	(18.3)	9/11/19 0:45	(22.0)	39.7	(0.0)	21.0
9/10/19 12:00	25.3	(27.3)	0.4	(7.4)	9/11/19 1:00	(12.1)	5.0	(0.0)	(13.4)
9/10/19 12:15	15.0	(36.5)	6.6	(15.4)	9/11/19 1:15	(13.4)	(5.9)	0.0	(10.3)
9/10/19 12:30	8.7	(46.7)	14.7	(28.5)	9/11/19 1:30	(20.5)	18.1	(0.0)	13.8
9/10/19 12:45	55.1	(64.1)	13.9	11.0	9/11/19 1:45	10.0	20.1	(0.0)	24.0
9/10/19 13:00	38.5	(38.0)	(4.7)	(6.6)	9/11/19 2:00	(25.6)	(6.9)	0.0	(31.8)
9/10/19 13:15	17.8	(27.5)	(3.0)	(18.5)	9/11/19 2:15	(22.4)	38.9	(0.0)	25.6
9/10/19 13:30	48.8	(37.4)	(5.1)	13.8	9/11/19 2:30	(6.9)	(8.5)	0.0	(10.8)
9/10/19 13:45	28.0	(46.0)	(8.0)	(29.3)	9/11/19 2:45	(8.8)	11.5	0.0	8.5
9/10/19 14:00	22.8	(52.3)	(11.2)	(43.0)	9/11/19 3:00	(33.3)	39.6	(0.0)	11.9
9/10/19 14:15	21.9	(51.9)	10.9	(32.9)	9/11/19 3:15	29.5	(27.7)	(0.0)	5.7
9/10/19 14:30	38.6	(32.8)	(5.0)	9.7	9/11/19 3:30	(5.0)	28.6	0.0	23.8
9/10/19 14:45	41.7	(8.9)	(4.5)	30.2	9/11/19 3:45	(22.6)	55.1	(0.0)	32.5
9/10/19 15:00	36.1	(26.5)	(10.2)	(9.2)	9/11/19 4:00	22.0	43.4	(0.0)	64.6
9/10/19 15:15	(11.3)	(18.5)	(2.9)	(28.1)	9/11/19 4:15	9.3	36.8	0.0	44.7
9/10/19 15:30	52.4	(21.4)	5.1	35.5	9/11/19 4:30	(24.4)	39.7	(0.0)	20.4
9/10/19 15:45	41.4	(37.1)	16.0	20.1	9/11/19 4:45	(7.2)	47.6	(0.0)	41.6
9/10/19 16:00	(7.6)	(61.7)	(13.3)	(78.3)	9/11/19 5:00	38.6	18.6	0.0	57.2
9/10/19 16:15	46.6	(35.1)	(6.7)	7.6	9/11/19 5:15	30.2	(6.5)	0.0	30.7
9/10/19 16:30	26.1	11.7	14.3	43.7	9/11/19 5:30	(18.0)	17.4	0.0	29.9
9/10/19 16:45	(15.1)	26.0	(9.6)	26.7	9/11/19 5:45	44.1	12.4	(0.0)	56.5
9/10/19 17:00	(7.5)	(19.5)	8.3	(15.0)	9/11/19 6:00	42.4	20.6	(0.0)	62.6
9/10/19 17:15	11.9	4.7	16.1	24.9	9/11/19 6:15	21.5	19.8	(0.0)	40.0
9/10/19 17:30	(5.1)	20.2	16.6	30.4	9/11/19 6:30	28.5	2.1	(0.0)	30.3
9/10/19 17:45	(39.9)	(20.4)	26.3	(34.8)	9/11/19 6:45	11.5	3.8	(0.2)	15.0
9/10/19 18:00	(21.9)	(8.9)	18.2	(12.8)	9/11/19 7:00	(10.2)	9.4	(1.8)	7.5
9/10/19 18:15	(45.4)	(2.3)	10.3	(35.5)	9/11/19 7:15	22.3	(3.0)	(6.4)	16.5
9/10/19 18:30	(64.8)	(15.4)	10.0	(70.2)	9/11/19 7:30	25.1	5.6	(16.3)	10.3
9/10/19 18:45	(8.9)	11.0	9.5	21.4	9/11/19 7:45	(28.0)	(5.4)	(14.8)	(43.7)
9/10/19 19:00	(18.2)	(17.1)	3.4	(31.4)	9/11/19 8:00	(10.9)	28.5	(25.0)	10.1
9/10/19 19:15	(43.2)	(31.8)	0.7	(74.3)	9/11/19 8:15	47.5	23.8	(25.1)	47.3
9/10/19 19:30	40.2	(7.5)	0.0	43.1	9/11/19 8:30	19.8	26.9	6.1	52.8
9/10/19 19:45	(13.0)	(7.6)	(0.0)	(19.2)	9/11/19 8:45	(12.6)	28.3	(6.0)	14.4
9/10/19 20:00	(31.4)	(46.2)	(0.0)	(77.7)	9/11/19 9:00	30.4	3.8	(29.8)	6.9
9/10/19 20:15	(24.1)	(82.8)	0.0	(106.0)	9/11/19 9:15	31.6	6.5	15.1	52.5
9/10/19 20:30	(32.9)	(68.3)	0.0	(101.0)	9/11/19 9:30	(33.0)	5.1	(10.2)	(34.3)
9/10/19 20:45	(44.6)	(48.7)	0.0	(93.3)	9/11/19 9:45	25.6	11.0	(11.0)	26.6
9/10/19 21:00	(20.1)	35.0	0.0	29.2	9/11/19 10:00	21.2	(3.8)	5.6	24.2
9/10/19 21:15	(33.9)	32.2	(0.0)	(14.2)	9/11/19 10:15	10.6	8.4	(1.8)	15.4
9/10/19 21:30	(72.7)	(5.1)	0.0	(77.6)	9/11/19 10:30	20.2	16.6	(2.2)	34.9
9/10/19 21:45	(58.7)	10.1	0.0	(48.7)	9/11/19 10:45	16.7	1.0	6.0	22.2
9/10/19 22:00	(50.8)	(6.8)	(0.0)	(57.6)	9/11/19 11:00	29.8	(15.0)	8.2	21.2
9/10/19 22:15	7.1	2.5	(0.0)	6.7	9/11/19 11:15	57.8	(12.8)	6.3	49.6
9/10/19 22:30	(29.1)	24.0	0.0	(7.4)	9/11/19 11:30	26.6	(3.7)	(2.2)	23.0
9/10/19 22:45	(40.9)	18.6	0.0	(23.4)	9/11/19 11:45	22.3	(4.3)	(5.8)	13.4
9/10/19 23:00	(40.3)	(4.0)	(0.0)	(42.0)	9/11/19 12:00	(22.7)	4.9	(13.0)	(31.9)
9/10/19 23:15	(51.8)	34.9	0.0	(24.6)	9/11/19 12:15	38.2	(8.2)	10.0	40.8
9/10/19 23:30	(22.1)	50.8	(0.0)	34.4	9/11/19 12:30	11.2	(20.2)	13.6	14.2
9/10/19 23:45	(40.7)	23.9	0.0	(16.8)	9/11/19 12:45	30.6	(62.0)	(8.6)	(38.2)
9/11/19 0:00	(51.8)	35.9	(0.0)	(16.8)	9/11/19 13:00	6.6	(83.1)	8.8	(72.5)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/11/19 13:15	41.0	(43.4)	(9.1)	(16.6)	9/12/19 2:15	(43.4)	54.5	0.0	19.8
9/11/19 13:30	17.2	(35.8)	10.1	(9.4)	9/12/19 2:30	26.6	31.0	0.0	57.3
9/11/19 13:45	(11.0)	(51.7)	(13.9)	(69.8)	9/12/19 2:45	(6.5)	(16.5)	0.0	(23.0)
9/11/19 14:00	37.4	(49.2)	(7.6)	(26.7)	9/12/19 3:00	(42.5)	(29.8)	0.0	(70.4)
9/11/19 14:15	44.8	(22.6)	(6.1)	16.5	9/12/19 3:15	25.5	(29.5)	(0.0)	(8.2)
9/11/19 14:30	21.9	(15.0)	4.4	14.6	9/12/19 3:30	5.6	(9.0)	0.0	(6.6)
9/11/19 14:45	21.8	8.4	41.7	65.5	9/12/19 3:45	(25.7)	19.6	0.0	(20.4)
9/11/19 15:00	35.7	3.4	(9.4)	31.3	9/12/19 4:00	17.5	78.5	(0.0)	92.7
9/11/19 15:15	30.6	(4.2)	16.1	44.8	9/12/19 4:15	(5.1)	40.7	(0.0)	37.0
9/11/19 15:30	(10.2)	(3.9)	5.8	(10.8)	9/12/19 4:30	(25.3)	(4.3)	0.0	(27.8)
9/11/19 15:45	12.9	(36.5)	12.3	(31.4)	9/12/19 4:45	(10.6)	16.1	(0.0)	8.9
9/11/19 16:00	(4.2)	(82.3)	(23.6)	(106.6)	9/12/19 5:00	12.2	39.3	0.0	51.4
9/11/19 16:15	(20.3)	(109.3)	13.2	(114.9)	9/12/19 5:15	37.5	(20.2)	0.0	17.6
9/11/19 16:30	20.0	(54.0)	(13.7)	(48.3)	9/12/19 5:30	17.7	(8.6)	(0.0)	12.3
9/11/19 16:45	(10.3)	(76.5)	(16.7)	(101.0)	9/12/19 5:45	21.1	48.9	0.0	70.0
9/11/19 17:00	(22.7)	(39.1)	36.2	(25.7)	9/12/19 6:00	36.5	30.1	(0.0)	66.6
9/11/19 17:15	13.0	(37.2)	19.6	(25.1)	9/12/19 6:15	48.4	35.5	(0.0)	83.9
9/11/19 17:30	(3.1)	(7.8)	(18.0)	(26.3)	9/12/19 6:30	21.0	32.8	0.0	53.8
9/11/19 17:45	(42.5)	(30.5)	10.5	(62.5)	9/12/19 6:45	12.1	29.1	(0.5)	40.6
9/11/19 18:00	(21.4)	(58.1)	4.4	(74.8)	9/12/19 7:00	14.1	4.1	(4.0)	10.6
9/11/19 18:15	(22.8)	(7.5)	18.4	(12.5)	9/12/19 7:15	14.8	(26.2)	(12.9)	(24.3)
9/11/19 18:30	(33.7)	6.4	9.1	(20.4)	9/12/19 7:30	8.0	20.7	(18.5)	10.4
9/11/19 18:45	(64.4)	11.1	12.6	(40.7)	9/12/19 7:45	(1.1)	48.2	(21.6)	26.5
9/11/19 19:00	(10.1)	24.0	5.8	23.2	9/12/19 8:00	18.2	35.0	(21.3)	31.4
9/11/19 19:15	21.2	188.5	1.1	210.7	9/12/19 8:15	27.7	(16.6)	(19.3)	(14.9)
9/11/19 19:30	(32.9)	68.7	0.1	48.1	9/12/19 8:30	(1.8)	(31.3)	(16.6)	(48.3)
9/11/19 19:45	19.8	(100.8)	(0.0)	(88.4)	9/12/19 8:45	7.1	(4.7)	(7.9)	(5.6)
9/11/19 20:00	(14.2)	(101.5)	(0.0)	(114.9)	9/12/19 9:00	5.7	(29.6)	(3.8)	(31.6)
9/11/19 20:15	(19.2)	(28.2)	0.0	(47.4)	9/12/19 9:15	(15.5)	(11.2)	(3.0)	(25.6)
9/11/19 20:30	(53.8)	3.8	(0.0)	(53.4)	9/12/19 9:30	25.3	(8.9)	(1.3)	18.6
9/11/19 20:45	(9.2)	(34.7)	0.0	(44.0)	9/12/19 9:45	13.6	(20.8)	(0.7)	(9.0)
9/11/19 21:00	(20.3)	(38.9)	(0.0)	(59.2)	9/12/19 10:00	(17.0)	(3.8)	0.1	(14.2)
9/11/19 21:15	(37.0)	(15.1)	0.0	(52.0)	9/12/19 10:15	(21.2)	4.4	(0.8)	(17.8)
9/11/19 21:30	(49.3)	22.2	(0.0)	(27.0)	9/12/19 10:30	(19.2)	(2.0)	0.1	(21.0)
9/11/19 21:45	(68.4)	1.5	0.0	(67.9)	9/12/19 10:45	39.8	(1.4)	0.7	39.4
9/11/19 22:00	(9.5)	4.9	0.0	(5.3)	9/12/19 11:00	9.8	3.9	(0.2)	13.5
9/11/19 22:15	10.5	(12.6)	(0.0)	(9.7)	9/12/19 11:15	(15.8)	(1.9)	0.3	(16.0)
9/11/19 22:30	(44.3)	32.6	(0.0)	(14.4)	9/12/19 11:30	18.5	2.7	0.4	19.2
9/11/19 22:45	(70.3)	59.7	0.0	(19.3)	9/12/19 11:45	21.7	7.4	0.6	29.3
9/11/19 23:00	(39.1)	62.7	0.0	40.4	9/12/19 12:00	13.7	(4.5)	0.5	10.9
9/11/19 23:15	(22.4)	(9.0)	(0.0)	(17.3)	9/12/19 12:15	17.7	(2.8)	0.4	15.5
9/11/19 23:30	(14.5)	45.9	(0.0)	38.9	9/12/19 12:30	23.4	(9.1)	0.4	16.5
9/11/19 23:45	(37.4)	19.1	0.0	(20.1)	9/12/19 12:45	15.1	(6.3)	0.4	10.0
9/12/19 0:00	(20.7)	21.1	(0.0)	(8.2)	9/12/19 13:00	(22.6)	(5.8)	0.1	(22.9)
9/12/19 0:15	(13.2)	(11.1)	(0.0)	(13.8)	9/12/19 13:15	47.1	4.2	(0.2)	49.0
9/12/19 0:30	(26.0)	10.7	(0.0)	(15.3)	9/12/19 13:30	14.3	2.4	(0.1)	14.9
9/12/19 0:45	(37.3)	25.3	0.0	(12.7)	9/12/19 13:45	(13.0)	(16.8)	(0.1)	(23.3)
9/12/19 1:00	(11.2)	(9.7)	(0.0)	(16.8)	9/12/19 14:00	22.8	(13.9)	0.0	(18.8)
9/12/19 1:15	24.1	6.6	(0.0)	24.0	9/12/19 14:15	27.3	(9.9)	0.3	17.8
9/12/19 1:30	(32.3)	41.3	(0.0)	21.0	9/12/19 14:30	22.2	7.0	1.0	29.4
9/12/19 1:45	13.4	10.0	(0.0)	22.8	9/12/19 14:45	(18.8)	(4.7)	0.1	(23.4)
9/12/19 2:00	(10.7)	21.0	(0.0)	14.5	9/12/19 15:00	27.9	16.4	0.3	44.5

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/12/19 15:15	20.6	(4.5)	0.1	18.1	9/13/19 4:15	(15.2)	(15.9)	0.0	(24.1)
9/12/19 15:30	9.8	(5.0)	0.3	4.6	9/13/19 4:30	21.5	(31.0)	0.0	(13.5)
9/12/19 15:45	31.9	8.5	(0.5)	39.7	9/13/19 4:45	15.7	(31.2)	0.0	(15.5)
9/12/19 16:00	21.2	1.5	0.6	22.2	9/13/19 5:00	10.6	(36.5)	0.0	(32.7)
9/12/19 16:15	20.6	3.3	1.0	20.1	9/13/19 5:15	48.9	(37.0)	(0.0)	16.8
9/12/19 16:30	17.4	9.6	1.9	28.7	9/13/19 5:30	26.7	(21.9)	(0.0)	5.9
9/12/19 16:45	32.9	(7.3)	2.8	33.5	9/13/19 5:45	21.4	(5.9)	0.0	15.9
9/12/19 17:00	(20.5)	(2.6)	3.6	(18.9)	9/13/19 6:00	39.5	22.3	(0.0)	61.8
9/12/19 17:15	27.1	(29.0)	6.0	11.2	9/13/19 6:15	35.8	10.2	(0.0)	44.6
9/12/19 17:30	19.7	(22.9)	11.9	8.7	9/13/19 6:30	21.8	(8.5)	(0.0)	13.3
9/12/19 17:45	(16.8)	3.0	18.8	12.3	9/13/19 6:45	13.8	(20.7)	(0.2)	(10.5)
9/12/19 18:00	16.4	12.9	20.7	45.7	9/13/19 7:00	50.7	(21.5)	(3.9)	25.3
9/12/19 18:15	(8.0)	3.2	20.4	14.6	9/13/19 7:15	(27.7)	4.7	(13.4)	(38.2)
9/12/19 18:30	(34.1)	9.9	17.9	(12.9)	9/13/19 7:30	(9.6)	17.1	(18.7)	(11.2)
9/12/19 18:45	9.3	15.9	14.2	32.4	9/13/19 7:45	9.3	40.3	(21.7)	27.0
9/12/19 19:00	(27.3)	19.3	6.0	(8.5)	9/13/19 8:00	(8.2)	22.5	(21.7)	(14.1)
9/12/19 19:15	(46.6)	(11.7)	1.4	(55.8)	9/13/19 8:15	(13.4)	(18.9)	(19.6)	(42.9)
9/12/19 19:30	38.0	(13.1)	0.0	30.6	9/13/19 8:30	12.5	(34.8)	(16.4)	(38.9)
9/12/19 19:45	6.4	(18.8)	(0.0)	(19.2)	9/13/19 8:45	12.3	(55.0)	(7.3)	(60.9)
9/12/19 20:00	(38.1)	(59.2)	0.0	(97.4)	9/13/19 9:00	(10.7)	(87.1)	(3.1)	(92.3)
9/12/19 20:15	(13.3)	(16.5)	0.0	(26.1)	9/13/19 9:15	27.8	(42.9)	(2.5)	(23.2)
9/12/19 20:30	(20.9)	13.9	(0.0)	(8.7)	9/13/19 9:30	17.6	(6.5)	(1.8)	9.6
9/12/19 20:45	(46.7)	23.3	(0.0)	(23.8)	9/13/19 9:45	(15.5)	(15.2)	(1.0)	(28.5)
9/12/19 21:00	(29.9)	47.8	0.0	31.8	9/13/19 10:00	26.6	(8.5)	(0.1)	20.4
9/12/19 21:15	(23.8)	41.4	(0.0)	19.8	9/13/19 10:15	4.0	(8.4)	0.2	(4.1)
9/12/19 21:30	(40.6)	35.0	(0.0)	(10.2)	9/13/19 10:30	(11.7)	(7.0)	0.4	(15.1)
9/12/19 21:45	(48.4)	11.3	0.0	(38.8)	9/13/19 10:45	19.8	2.1	0.1	21.6
9/12/19 22:00	(48.1)	32.7	(0.0)	(17.3)	9/13/19 11:00	7.6	(9.7)	0.5	(7.8)
9/12/19 22:15	(60.2)	50.6	0.0	(11.5)	9/13/19 11:15	(11.3)	(3.8)	0.6	(14.0)
9/12/19 22:30	(53.4)	52.1	(0.0)	(14.6)	9/13/19 11:30	12.2	(1.4)	0.3	12.9
9/12/19 22:45	(26.6)	52.4	0.0	25.9	9/13/19 11:45	10.2	5.3	0.7	15.4
9/12/19 23:00	(37.9)	71.3	(0.0)	33.4	9/13/19 12:00	(16.6)	22.9	0.9	9.8
9/12/19 23:15	(27.5)	41.0	0.0	14.4	9/13/19 12:15	39.0	27.8	0.7	67.6
9/12/19 23:30	(7.3)	24.4	0.0	23.7	9/13/19 12:30	13.1	23.7	0.7	37.5
9/12/19 23:45	7.0	8.1	(0.0)	11.3	9/13/19 12:45	(13.2)	37.3	0.4	33.5
9/13/19 0:00	(37.6)	8.9	0.1	(29.8)	9/13/19 13:00	11.1	44.9	0.5	51.5
9/13/19 0:15	(39.9)	(5.3)	0.1	(43.3)	9/13/19 13:15	23.9	71.2	0.3	93.3
9/13/19 0:30	(13.6)	(8.1)	(0.0)	(19.6)	9/13/19 13:30	10.9	99.7	(0.2)	110.3
9/13/19 0:45	(20.8)	(3.8)	0.0	(24.5)	9/13/19 13:45	13.6	86.4	0.3	97.3
9/13/19 1:00	(21.7)	(20.9)	(0.0)	(42.6)	9/13/19 14:00	29.2	76.5	(0.4)	105.3
9/13/19 1:15	(8.1)	(27.3)	0.0	(30.1)	9/13/19 14:15	8.6	62.9	(0.1)	63.4
9/13/19 1:30	(6.9)	(37.1)	(0.0)	(43.9)	9/13/19 14:30	(9.4)	48.7	(0.1)	47.6
9/13/19 1:45	(40.1)	(86.0)	0.0	(125.2)	9/13/19 14:45	20.3	47.5	(0.2)	67.6
9/13/19 2:00	32.1	(65.2)	(0.0)	(33.0)	9/13/19 15:00	10.9	34.1	(0.2)	44.9
9/13/19 2:15	13.9	(56.3)	0.0	(42.4)	9/13/19 15:15	19.4	26.1	0.1	45.5
9/13/19 2:30	(33.0)	(17.7)	0.0	(50.4)	9/13/19 15:30	21.3	3.6	0.6	25.5
9/13/19 2:45	(17.8)	(9.0)	0.0	(23.8)	9/13/19 15:45	22.7	10.6	0.4	33.8
9/13/19 3:00	18.3	14.5	(0.0)	30.8	9/13/19 16:00	22.8	8.5	0.8	32.1
9/13/19 3:15	(2.8)	7.8	0.0	5.9	9/13/19 16:15	22.6	(2.3)	1.1	23.6
9/13/19 3:30	(19.6)	(10.8)	(0.0)	(30.1)	9/13/19 16:30	24.1	(2.4)	1.7	23.4
9/13/19 3:45	10.8	(8.2)	(0.0)	(8.2)	9/13/19 16:45	23.8	0.7	2.4	26.4
9/13/19 4:00	28.0	(14.8)	0.0	14.7	9/13/19 17:00	19.0	(2.9)	3.4	19.7

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/13/19 17:15	14.6	2.1	6.1	22.1	9/14/19 6:15	14.0	(40.3)	0.0	(37.9)
9/13/19 17:30	16.3	0.8	12.7	29.0	9/14/19 6:30	19.4	(16.5)	(0.0)	12.7
9/13/19 17:45	11.9	(3.1)	19.4	28.4	9/14/19 6:45	17.1	(5.2)	(0.2)	13.5
9/13/19 18:00	(13.4)	(1.2)	21.4	11.8	9/14/19 7:00	7.6	(26.9)	(3.8)	(27.8)
9/13/19 18:15	(24.9)	(8.2)	20.9	(12.2)	9/14/19 7:15	15.6	21.9	(13.2)	22.8
9/13/19 18:30	(19.2)	(19.7)	17.2	(21.7)	9/14/19 7:30	23.3	(17.7)	(18.6)	(19.0)
9/13/19 18:45	(18.8)	(9.7)	12.5	(16.0)	9/14/19 7:45	12.0	(17.6)	(21.1)	(31.9)
9/13/19 19:00	(30.2)	(25.9)	4.5	(51.6)	9/14/19 8:00	18.7	(6.5)	(21.3)	(19.7)
9/13/19 19:15	(19.1)	(34.0)	0.9	(52.2)	9/14/19 8:15	27.5	(3.8)	(18.5)	7.9
9/13/19 19:30	6.1	(24.7)	0.0	(20.0)	9/14/19 8:30	17.6	38.3	(16.7)	37.6
9/13/19 19:45	(10.0)	(19.1)	(0.0)	(28.2)	9/14/19 8:45	(27.0)	67.2	(8.2)	32.5
9/13/19 20:00	(20.5)	(32.9)	0.0	(53.5)	9/14/19 9:00	14.0	62.1	(2.8)	72.4
9/13/19 20:15	(18.0)	(54.0)	0.0	(72.0)	9/14/19 9:15	23.8	35.7	(2.1)	57.4
9/13/19 20:30	(27.1)	(49.5)	(0.0)	(76.6)	9/14/19 9:30	(11.9)	(5.7)	(1.7)	(7.5)
9/13/19 20:45	(30.9)	(61.2)	0.0	(92.1)	9/14/19 9:45	34.4	(32.0)	(0.9)	11.6
9/13/19 21:00	(26.2)	(46.5)	0.0	(72.6)	9/14/19 10:00	23.5	(32.4)	0.2	(9.8)
9/13/19 21:15	(9.4)	(39.0)	0.0	(48.1)	9/14/19 10:15	(6.7)	(19.4)	0.6	(19.7)
9/13/19 21:30	(14.6)	(15.6)	0.0	(29.4)	9/14/19 10:30	16.7	(21.9)	0.3	(11.0)
9/13/19 21:45	(23.1)	(8.0)	(0.0)	(31.1)	9/14/19 10:45	13.8	(22.0)	(0.1)	(8.7)
9/13/19 22:00	(57.5)	(7.9)	0.0	(65.3)	9/14/19 11:00	(12.3)	(3.0)	1.0	(13.7)
9/13/19 22:15	(34.8)	14.8	0.0	(27.2)	9/14/19 11:15	24.5	4.1	1.3	30.0
9/13/19 22:30	(32.6)	15.2	(0.0)	(18.5)	9/14/19 11:30	37.1	16.8	1.3	55.1
9/13/19 22:45	(37.2)	20.0	(0.0)	(18.4)	9/14/19 11:45	(15.5)	8.6	1.6	16.2
9/13/19 23:00	(68.9)	20.9	0.0	(48.0)	9/14/19 12:00	32.5	32.9	1.2	61.0
9/13/19 23:15	17.4	(11.7)	0.0	9.5	9/14/19 12:15	28.0	24.3	1.0	52.9
9/13/19 23:30	(26.3)	12.2	(0.0)	(15.1)	9/14/19 12:30	15.1	10.9	(1.3)	22.4
9/13/19 23:45	(12.7)	20.2	(0.0)	8.4	9/14/19 12:45	23.5	6.3	0.8	30.7
9/14/19 0:00	(8.9)	26.8	(0.0)	21.8	9/14/19 13:00	12.3	20.3	(0.2)	32.6
9/14/19 0:15	(26.3)	30.4	(0.0)	14.1	9/14/19 13:15	(10.8)	22.1	(0.4)	21.6
9/14/19 0:30	(27.4)	3.3	(0.0)	(24.5)	9/14/19 13:30	26.3	9.9	0.2	32.0
9/14/19 0:45	(46.1)	8.1	(0.0)	(39.2)	9/14/19 13:45	41.9	4.5	0.3	46.5
9/14/19 1:00	13.4	34.4	(0.0)	42.9	9/14/19 14:00	24.6	21.3	0.4	46.1
9/14/19 1:15	(10.5)	29.4	0.0	18.9	9/14/19 14:15	(8.1)	10.1	(0.5)	11.0
9/14/19 1:30	(52.8)	47.8	0.0	(6.1)	9/14/19 14:30	62.0	17.0	1.6	80.6
9/14/19 1:45	20.2	47.7	(0.0)	66.9	9/14/19 14:45	18.4	19.0	(1.1)	36.4
9/14/19 2:00	(11.1)	35.1	(0.0)	25.8	9/14/19 15:00	55.9	7.2	5.0	68.1
9/14/19 2:15	(20.6)	31.8	0.0	16.0	9/14/19 15:15	26.3	26.1	2.1	54.0
9/14/19 2:30	(18.7)	34.4	0.0	27.8	9/14/19 15:30	55.4	11.6	(6.7)	60.2
9/14/19 2:45	4.9	16.9	0.0	18.1	9/14/19 15:45	33.0	19.0	(0.4)	50.7
9/14/19 3:00	(10.5)	(5.6)	(0.0)	(16.0)	9/14/19 16:00	(11.4)	21.7	1.2	15.9
9/14/19 3:15	(10.6)	(22.2)	0.0	(29.0)	9/14/19 16:15	30.7	10.0	16.5	57.2
9/14/19 3:30	(5.6)	(18.7)	(0.0)	(22.5)	9/14/19 16:30	35.0	(4.1)	9.2	42.1
9/14/19 3:45	6.2	(6.7)	(0.0)	(4.3)	9/14/19 16:45	19.9	3.0	6.6	26.6
9/14/19 4:00	(16.4)	4.0	(0.0)	(16.5)	9/14/19 17:00	15.8	15.7	7.4	37.3
9/14/19 4:15	19.7	3.5	0.0	23.2	9/14/19 17:15	6.0	3.9	9.3	13.2
9/14/19 4:30	4.4	(13.1)	(0.0)	(11.5)	9/14/19 17:30	16.3	(22.4)	(1.6)	(11.3)
9/14/19 4:45	(15.7)	(13.5)	0.0	(28.6)	9/14/19 17:45	9.2	(8.5)	21.4	22.3
9/14/19 5:00	25.2	(13.8)	0.0	13.1	9/14/19 18:00	(6.8)	(12.5)	18.9	(2.3)
9/14/19 5:15	22.0	(21.0)	(0.0)	3.9	9/14/19 18:15	(14.1)	(27.3)	19.9	(21.4)
9/14/19 5:30	(27.7)	(33.0)	(0.0)	(60.7)	9/14/19 18:30	(23.3)	(48.1)	5.4	(66.0)
9/14/19 5:45	23.0	(44.7)	0.0	(24.5)	9/14/19 18:45	(33.0)	(39.7)	4.6	(68.1)
9/14/19 6:00	23.9	(43.5)	(0.0)	(19.6)	9/14/19 19:00	(35.4)	(55.4)	3.0	(87.7)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/14/19 19:15	(18.3)	(71.0)	0.5	(87.8)	9/15/19 8:15	21.2	3.6	(19.4)	8.5
9/14/19 19:30	(2.6)	(76.8)	(0.0)	(77.6)	9/15/19 8:30	(10.8)	3.1	(13.8)	(14.5)
9/14/19 19:45	10.4	(92.6)	(0.0)	(85.3)	9/15/19 8:45	33.2	(2.2)	(10.9)	22.0
9/14/19 20:00	(26.8)	(50.5)	(0.0)	(77.3)	9/15/19 9:00	27.6	(6.7)	(3.3)	17.6
9/14/19 20:15	(36.1)	(43.6)	(0.0)	(79.7)	9/15/19 9:15	55.9	(7.2)	(2.0)	48.4
9/14/19 20:30	(43.1)	(61.7)	0.0	(102.7)	9/15/19 9:30	(15.8)	(21.9)	5.9	(26.3)
9/14/19 20:45	(7.6)	(43.2)	0.0	(43.2)	9/15/19 9:45	39.3	(35.8)	(3.3)	7.5
9/14/19 21:00	(25.6)	(21.1)	0.0	(46.7)	9/15/19 10:00	18.5	(28.1)	4.1	(5.9)
9/14/19 21:15	(68.1)	(4.5)	0.0	(71.7)	9/15/19 10:15	(8.9)	(28.0)	9.6	(20.1)
9/14/19 21:30	(16.9)	10.9	(0.0)	(7.5)	9/15/19 10:30	10.7	(43.0)	(3.5)	(42.2)
9/14/19 21:45	(30.7)	13.5	0.0	(17.2)	9/15/19 10:45	26.8	(64.9)	(6.0)	(43.9)
9/14/19 22:00	(63.8)	(3.2)	(0.0)	(64.9)	9/15/19 11:00	27.0	(49.0)	7.9	(14.1)
9/14/19 22:15	(42.4)	(37.9)	(0.0)	(80.3)	9/15/19 11:15	28.5	(58.7)	3.4	(26.9)
9/14/19 22:30	(18.6)	(37.7)	0.0	(49.5)	9/15/19 11:30	50.7	(53.6)	7.8	9.1
9/14/19 22:45	(49.0)	(18.6)	(0.0)	(55.5)	9/15/19 11:45	43.0	(15.3)	3.8	31.5
9/14/19 23:00	(3.8)	36.2	(0.0)	33.4	9/15/19 12:00	25.1	5.9	10.2	35.3
9/14/19 23:15	(6.7)	(0.9)	0.0	(6.7)	9/15/19 12:15	(31.9)	8.6	(6.4)	(28.0)
9/14/19 23:30	(34.7)	23.4	(0.0)	(14.0)	9/15/19 12:30	53.4	8.8	(18.8)	40.3
9/14/19 23:45	(7.1)	(7.7)	0.0	(11.7)	9/15/19 12:45	55.9	22.1	(4.2)	74.1
9/15/19 0:00	(29.1)	48.2	(0.0)	29.7	9/15/19 13:00	45.2	(20.6)	15.8	38.9
9/15/19 0:15	(37.0)	67.8	(0.0)	35.8	9/15/19 13:15	27.4	(30.3)	(10.4)	(20.7)
9/15/19 0:30	10.0	28.2	(0.0)	30.0	9/15/19 13:30	56.7	(5.1)	13.6	69.0
9/15/19 0:45	(17.9)	31.4	0.0	13.4	9/15/19 13:45	43.4	6.5	(6.7)	47.1
9/15/19 1:00	(53.9)	26.6	(0.0)	(31.1)	9/15/19 14:00	27.6	(15.4)	21.2	31.5
9/15/19 1:15	(12.2)	(12.3)	0.0	(9.2)	9/15/19 14:15	(27.3)	(7.5)	(18.5)	(50.7)
9/15/19 1:30	(9.3)	(21.5)	(0.0)	(29.7)	9/15/19 14:30	62.0	12.9	11.0	84.0
9/15/19 1:45	(48.6)	35.3	0.0	(13.3)	9/15/19 14:45	36.9	(19.2)	5.8	17.7
9/15/19 2:00	20.9	11.2	0.0	16.6	9/15/19 15:00	9.3	2.6	(18.0)	(16.6)
9/15/19 2:15	8.5	(13.9)	(0.0)	(11.2)	9/15/19 15:15	38.6	25.0	18.7	82.3
9/15/19 2:30	(40.1)	(18.4)	0.0	(50.8)	9/15/19 15:30	27.6	(20.2)	13.0	20.5
9/15/19 2:45	(33.9)	34.8	0.0	23.3	9/15/19 15:45	(7.5)	(24.1)	19.2	(10.4)
9/15/19 3:00	3.8	59.2	(0.0)	61.7	9/15/19 16:00	40.0	(10.8)	8.7	37.8
9/15/19 3:15	(20.1)	48.9	0.0	34.2	9/15/19 16:15	10.6	(8.5)	(4.4)	9.3
9/15/19 3:30	(34.3)	44.2	(0.0)	14.0	9/15/19 16:30	(12.2)	17.5	9.4	22.8
9/15/19 3:45	17.9	27.3	0.0	40.5	9/15/19 16:45	18.8	(38.1)	7.9	(13.1)
9/15/19 4:00	18.0	5.8	(0.0)	23.8	9/15/19 17:00	(3.5)	(15.6)	4.1	(13.7)
9/15/19 4:15	6.5	(4.8)	(0.0)	(6.7)	9/15/19 17:15	(29.7)	14.0	1.4	(16.7)
9/15/19 4:30	(18.9)	5.2	0.0	(16.9)	9/15/19 17:30	12.2	(13.4)	3.3	(11.0)
9/15/19 4:45	10.6	2.6	0.0	11.7	9/15/19 17:45	16.7	2.8	3.2	21.8
9/15/19 5:00	18.4	6.4	(0.0)	23.9	9/15/19 18:00	(9.3)	6.7	1.4	3.5
9/15/19 5:15	7.9	19.4	0.0	20.7	9/15/19 18:15	(39.5)	7.5	1.0	(32.4)
9/15/19 5:30	11.5	26.6	(0.0)	35.1	9/15/19 18:30	9.0	(34.7)	1.0	(33.0)
9/15/19 5:45	(9.6)	25.6	0.0	20.8	9/15/19 18:45	(7.3)	(127.7)	1.8	(133.3)
9/15/19 6:00	(21.1)	26.8	0.0	18.3	9/15/19 19:00	(20.3)	(133.5)	1.1	(150.6)
9/15/19 6:15	17.0	23.4	(0.0)	36.5	9/15/19 19:15	32.8	(115.7)	0.0	(82.9)
9/15/19 6:30	(31.5)	21.0	0.0	(16.3)	9/15/19 19:30	12.1	(70.4)	(0.0)	(61.3)
9/15/19 6:45	(41.5)	16.1	(0.2)	(25.6)	9/15/19 19:45	(13.2)	(25.6)	0.0	(38.8)
9/15/19 7:00	(6.7)	10.8	(3.3)	9.7	9/15/19 20:00	(13.7)	36.1	0.0	26.3
9/15/19 7:15	(27.1)	12.3	(9.5)	(22.9)	9/15/19 20:15	(26.1)	17.4	(0.0)	(15.0)
9/15/19 7:30	46.1	5.9	(16.2)	35.8	9/15/19 20:30	(50.6)	11.8	0.0	(39.3)
9/15/19 7:45	16.1	11.2	(22.3)	(11.4)	9/15/19 20:45	(22.8)	6.1	0.0	(17.9)
9/15/19 8:00	24.4	19.6	(18.9)	25.2	9/15/19 21:00	(32.6)	(5.2)	(0.0)	(37.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/15/19 21:15	(49.9)	16.3	0.0	(33.6)	9/16/19 10:15	27.2	12.1	8.9	48.2
9/15/19 21:30	(43.1)	14.6	0.0	(29.3)	9/16/19 10:30	45.9	18.5	12.9	75.5
9/15/19 21:45	(25.9)	(7.5)	(0.0)	(33.5)	9/16/19 10:45	23.6	32.5	(6.7)	53.4
9/15/19 22:00	(51.6)	(6.5)	0.0	(58.1)	9/16/19 11:00	(25.1)	37.5	(14.3)	6.4
9/15/19 22:15	(68.4)	33.1	(0.0)	(51.6)	9/16/19 11:15	19.9	46.7	(13.6)	54.1
9/15/19 22:30	17.8	55.8	0.0	73.7	9/16/19 11:30	25.6	47.2	(4.2)	70.7
9/15/19 22:45	(32.5)	15.1	0.0	(17.3)	9/16/19 11:45	9.5	55.5	(13.1)	53.1
9/15/19 23:00	(62.5)	44.8	(0.0)	(17.7)	9/16/19 12:00	24.9	19.5	(11.0)	34.1
9/15/19 23:15	(24.3)	(33.0)	0.0	(43.2)	9/16/19 12:15	23.8	28.7	21.0	73.4
9/15/19 23:30	(19.4)	24.9	0.0	6.3	9/16/19 12:30	34.3	37.1	4.6	73.6
9/15/19 23:45	(26.7)	19.1	(0.0)	(8.5)	9/16/19 12:45	37.7	20.8	(9.4)	49.5
9/16/19 0:00	(49.3)	45.4	(0.0)	(7.8)	9/16/19 13:00	50.1	(4.7)	(14.5)	33.9
9/16/19 0:15	11.4	(33.6)	(0.0)	(29.7)	9/16/19 13:15	27.9	2.3	11.3	37.1
9/16/19 0:30	(18.7)	(41.3)	0.0	(59.0)	9/16/19 13:30	40.6	2.8	(6.5)	37.4
9/16/19 0:45	(59.3)	56.6	0.0	(4.6)	9/16/19 13:45	22.8	(8.2)	(11.3)	9.1
9/16/19 1:00	12.1	(14.6)	(0.0)	(6.9)	9/16/19 14:00	18.4	(2.0)	3.4	20.6
9/16/19 1:15	2.7	(5.6)	0.0	(5.4)	9/16/19 14:15	21.2	(21.3)	11.2	11.3
9/16/19 1:30	(41.3)	22.6	(0.0)	(18.8)	9/16/19 14:30	48.7	(29.0)	4.8	21.6
9/16/19 1:45	(26.1)	20.8	0.0	12.2	9/16/19 14:45	18.3	(25.2)	18.7	19.6
9/16/19 2:00	9.9	(6.0)	(0.0)	6.3	9/16/19 15:00	13.4	(13.8)	(1.4)	(18.0)
9/16/19 2:15	(13.8)	(2.1)	(0.0)	(14.8)	9/16/19 15:15	37.6	(2.8)	10.7	46.6
9/16/19 2:30	(32.8)	13.8	0.0	(26.6)	9/16/19 15:30	16.2	11.8	6.9	34.9
9/16/19 2:45	(19.9)	22.1	0.0	10.2	9/16/19 15:45	(30.1)	17.5	6.4	(18.9)
9/16/19 3:00	18.7	(26.2)	(0.0)	(10.6)	9/16/19 16:00	34.7	(25.6)	7.3	17.7
9/16/19 3:15	11.6	12.3	(0.0)	21.5	9/16/19 16:15	(12.8)	(18.5)	22.2	(10.1)
9/16/19 3:30	(9.3)	21.5	0.0	17.7	9/16/19 16:30	(10.9)	(4.7)	5.5	(13.3)
9/16/19 3:45	13.5	13.6	(0.0)	20.7	9/16/19 16:45	(25.0)	(3.3)	(22.4)	(44.2)
9/16/19 4:00	16.1	(4.0)	(0.0)	12.5	9/16/19 17:00	32.2	21.8	(10.5)	41.1
9/16/19 4:15	10.4	(0.8)	0.0	10.0	9/16/19 17:15	5.7	34.6	8.7	45.8
9/16/19 4:30	(29.9)	(2.5)	0.0	(32.5)	9/16/19 17:30	(21.5)	(11.0)	5.8	(28.0)
9/16/19 4:45	18.6	(11.8)	(0.0)	10.4	9/16/19 17:45	13.5	(39.2)	10.7	(27.7)
9/16/19 5:00	33.1	(3.6)	0.0	29.5	9/16/19 18:00	(19.5)	(48.5)	16.7	(50.5)
9/16/19 5:15	13.7	5.6	0.0	14.6	9/16/19 18:15	(51.0)	(66.8)	13.0	(104.9)
9/16/19 5:30	42.3	9.7	(0.0)	52.0	9/16/19 18:30	(30.8)	(17.4)	1.4	(46.6)
9/16/19 5:45	20.6	16.1	(0.0)	36.7	9/16/19 18:45	(13.1)	(36.3)	2.8	(44.1)
9/16/19 6:00	50.8	1.1	(0.0)	51.9	9/16/19 19:00	(4.2)	(56.1)	0.6	(57.4)
9/16/19 6:15	34.6	4.4	0.0	39.1	9/16/19 19:15	(19.2)	(9.7)	0.1	(27.8)
9/16/19 6:30	54.8	7.1	0.0	60.8	9/16/19 19:30	19.6	1.1	0.0	19.6
9/16/19 6:45	32.8	(15.5)	(0.0)	17.3	9/16/19 19:45	(9.3)	2.9	(0.0)	(7.4)
9/16/19 7:00	(10.2)	5.0	(0.9)	8.0	9/16/19 20:00	(35.3)	(21.3)	(0.0)	(56.6)
9/16/19 7:15	9.8	9.0	(7.4)	11.8	9/16/19 20:15	(42.2)	(11.8)	(0.0)	(54.1)
9/16/19 7:30	(19.0)	18.5	(11.5)	(16.2)	9/16/19 20:30	(33.4)	(24.3)	0.0	(57.6)
9/16/19 7:45	(16.2)	16.8	(11.4)	(16.8)	9/16/19 20:45	(46.1)	(43.1)	(0.0)	(89.2)
9/16/19 8:00	(15.1)	61.0	(13.7)	38.9	9/16/19 21:00	(45.1)	(29.3)	0.0	(74.4)
9/16/19 8:15	(23.8)	34.5	(12.4)	7.3	9/16/19 21:15	(39.8)	(23.3)	0.0	(63.1)
9/16/19 8:30	15.3	(7.6)	(7.5)	8.0	9/16/19 21:30	(48.4)	(28.7)	0.0	(77.2)
9/16/19 8:45	49.4	(21.4)	(2.6)	26.7	9/16/19 21:45	(78.5)	(24.6)	(0.0)	(102.8)
9/16/19 9:00	19.9	(6.9)	(4.0)	9.3	9/16/19 22:00	(58.4)	13.3	0.0	(45.1)
9/16/19 9:15	28.7	(33.3)	(9.3)	(18.0)	9/16/19 22:15	(24.6)	15.2	(0.0)	(9.4)
9/16/19 9:30	20.8	(32.7)	(15.5)	(29.2)	9/16/19 22:30	(65.1)	(6.8)	0.0	(67.7)
9/16/19 9:45	24.6	(11.2)	5.8	22.1	9/16/19 22:45	(80.9)	(21.5)	(0.0)	(102.4)
9/16/19 10:00	38.3	21.6	6.3	65.7	9/16/19 23:00	(18.8)	49.6	0.0	43.6

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/16/19 23:15	54.5	25.8	0.0	76.3	9/17/19 12:15	23.6	15.2	(4.0)	37.9
9/16/19 23:30	(36.8)	15.6	0.0	(21.6)	9/17/19 12:30	7.3	25.2	7.0	36.0
9/16/19 23:45	(38.0)	24.2	0.0	(20.7)	9/17/19 12:45	30.3	22.2	(3.5)	49.0
9/17/19 0:00	(10.8)	22.0	(0.0)	20.3	9/17/19 13:00	39.1	23.5	12.3	74.9
9/17/19 0:15	(17.4)	6.6	(0.0)	(15.6)	9/17/19 13:15	13.1	19.2	18.2	50.5
9/17/19 0:30	(65.1)	57.7	0.0	(8.2)	9/17/19 13:30	47.3	(2.9)	(16.6)	29.2
9/17/19 0:45	(18.8)	36.9	(0.0)	21.5	9/17/19 13:45	31.1	(2.2)	6.8	31.1
9/17/19 1:00	11.0	9.8	0.0	18.4	9/17/19 14:00	10.5	7.2	(6.8)	13.2
9/17/19 1:15	(12.3)	(1.7)	(0.0)	(13.7)	9/17/19 14:15	26.6	(22.3)	(6.3)	16.7
9/17/19 1:30	(40.6)	6.7	(0.0)	(33.9)	9/17/19 14:30	54.4	(41.9)	32.8	45.2
9/17/19 1:45	12.3	10.5	(0.0)	21.1	9/17/19 14:45	17.1	(41.7)	(8.6)	(34.8)
9/17/19 2:00	(11.5)	22.5	0.0	14.4	9/17/19 15:00	39.1	(44.5)	(27.6)	(33.1)
9/17/19 2:15	(11.0)	33.4	(0.0)	29.6	9/17/19 15:15	19.8	(21.5)	10.3	17.5
9/17/19 2:30	(39.9)	21.3	0.0	(21.5)	9/17/19 15:30	26.9	(42.8)	14.1	(18.0)
9/17/19 2:45	18.0	19.6	0.0	33.6	9/17/19 15:45	40.2	(27.4)	19.7	33.3
9/17/19 3:00	(6.7)	10.0	(0.0)	9.8	9/17/19 16:00	14.7	(25.9)	23.4	22.1
9/17/19 3:15	(15.0)	12.0	(0.0)	8.1	9/17/19 16:15	(7.9)	(29.3)	(15.5)	(44.7)
9/17/19 3:30	9.9	(3.2)	0.0	6.8	9/17/19 16:30	41.2	(47.9)	10.8	10.1
9/17/19 3:45	11.1	3.5	0.0	14.6	9/17/19 16:45	21.3	(70.0)	(17.9)	(66.5)
9/17/19 4:00	(13.7)	(6.1)	0.0	(19.6)	9/17/19 17:00	(21.7)	(74.7)	(12.7)	(103.4)
9/17/19 4:15	(10.7)	5.7	0.0	(8.7)	9/17/19 17:15	11.3	(31.7)	8.9	(22.3)
9/17/19 4:30	(19.0)	26.8	0.0	21.5	9/17/19 17:30	15.0	(2.3)	9.0	23.1
9/17/19 4:45	24.1	7.3	0.0	28.5	9/17/19 17:45	(16.2)	(35.1)	16.1	(34.8)
9/17/19 5:00	(17.0)	(21.7)	0.0	(30.5)	9/17/19 18:00	(11.1)	(22.7)	29.8	12.4
9/17/19 5:15	60.9	(31.2)	(0.0)	31.5	9/17/19 18:15	(25.8)	(11.6)	16.1	(21.3)
9/17/19 5:30	34.3	(39.1)	(0.0)	(6.0)	9/17/19 18:30	(47.1)	12.1	(1.8)	(35.6)
9/17/19 5:45	12.8	(16.6)	0.0	(9.5)	9/17/19 18:45	(15.9)	29.0	5.3	20.4
9/17/19 6:00	61.0	17.9	(0.0)	78.9	9/17/19 19:00	(17.9)	(14.2)	3.3	(26.5)
9/17/19 6:15	50.3	(23.5)	(0.0)	27.5	9/17/19 19:15	(21.3)	(37.3)	0.4	(58.0)
9/17/19 6:30	18.4	(45.5)	0.0	(27.2)	9/17/19 19:30	14.7	7.2	(0.0)	19.0
9/17/19 6:45	32.1	(17.8)	(0.3)	21.8	9/17/19 19:45	(20.9)	8.3	(0.0)	(12.6)
9/17/19 7:00	28.2	22.5	(2.9)	47.5	9/17/19 20:00	(70.0)	24.4	(0.0)	(45.6)
9/17/19 7:15	(11.7)	8.6	(7.9)	(11.2)	9/17/19 20:15	(34.2)	22.7	(0.0)	(11.5)
9/17/19 7:30	26.2	25.0	(3.9)	44.5	9/17/19 20:30	(44.2)	57.0	0.0	12.8
9/17/19 7:45	23.7	56.1	(5.7)	74.1	9/17/19 20:45	(40.3)	(21.0)	(0.0)	(45.8)
9/17/19 8:00	19.8	37.7	(7.1)	47.6	9/17/19 21:00	(9.0)	(56.4)	(0.0)	(65.0)
9/17/19 8:15	14.1	40.2	(9.9)	36.0	9/17/19 21:15	(47.9)	(51.2)	(0.0)	(99.1)
9/17/19 8:30	18.8	34.3	(21.2)	25.9	9/17/19 21:30	(63.7)	(53.1)	0.0	(116.8)
9/17/19 8:45	(34.1)	43.7	5.8	11.5	9/17/19 21:45	(84.0)	(25.1)	0.0	(109.1)
9/17/19 9:00	(23.1)	45.5	(5.3)	22.3	9/17/19 22:00	(16.5)	(44.0)	(0.0)	(60.5)
9/17/19 9:15	6.1	32.7	(16.1)	28.1	9/17/19 22:15	(47.2)	(44.7)	(0.0)	(91.8)
9/17/19 9:30	(4.5)	(22.2)	(9.7)	(29.9)	9/17/19 22:30	(61.1)	(28.7)	(0.0)	(89.8)
9/17/19 9:45	15.6	(6.6)	3.9	14.7	9/17/19 22:45	(46.1)	(10.9)	0.0	(54.8)
9/17/19 10:00	30.2	(7.6)	(5.8)	18.4	9/17/19 23:00	(33.2)	(17.3)	0.0	(50.4)
9/17/19 10:15	(10.4)	(18.9)	(2.7)	(21.7)	9/17/19 23:15	(38.6)	(35.5)	(0.0)	(74.1)
9/17/19 10:30	25.4	(7.4)	(8.8)	9.4	9/17/19 23:30	30.4	(27.4)	(0.0)	6.8
9/17/19 10:45	17.4	9.7	(14.7)	12.6	9/17/19 23:45	(25.9)	71.5	(0.0)	51.3
9/17/19 11:00	(10.3)	21.8	(3.4)	20.0	9/18/19 0:00	(28.6)	31.5	(0.0)	11.5
9/17/19 11:15	19.7	28.1	1.9	49.0	9/18/19 0:15	(16.6)	15.6	(0.0)	(9.6)
9/17/19 11:30	27.9	51.5	(9.4)	71.0	9/18/19 0:30	(15.9)	30.8	(0.0)	16.5
9/17/19 11:45	(12.9)	31.7	(5.9)	16.2	9/18/19 0:45	(32.3)	6.1	0.0	(27.1)
9/17/19 12:00	32.8	11.4	7.4	50.5	9/18/19 1:00	(25.9)	4.1	(0.0)	(26.5)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/18/19 1:15	(13.7)	23.8	(0.0)	12.4	9/18/19 14:15	10.6	(42.6)	3.4	(36.1)
9/18/19 1:30	(22.9)	15.0	(0.0)	(18.6)	9/18/19 14:30	32.2	(42.6)	4.4	(24.5)
9/18/19 1:45	(25.9)	19.9	(0.0)	(13.0)	9/18/19 14:45	25.4	(41.2)	(3.8)	(21.1)
9/18/19 2:00	(13.7)	7.4	0.0	(9.7)	9/18/19 15:00	16.8	(30.0)	2.9	(22.2)
9/18/19 2:15	(13.7)	11.2	(0.0)	11.8	9/18/19 15:15	(20.1)	(26.7)	(5.7)	(38.8)
9/18/19 2:30	(17.6)	25.4	0.0	18.3	9/18/19 15:30	14.9	(48.9)	(1.2)	(34.8)
9/18/19 2:45	(9.2)	20.5	0.0	15.8	9/18/19 15:45	28.8	(59.6)	(4.1)	(33.8)
9/18/19 3:00	(2.3)	(8.2)	0.0	(9.6)	9/18/19 16:00	(23.7)	(54.1)	9.8	(63.4)
9/18/19 3:15	(27.8)	13.0	(0.0)	(17.0)	9/18/19 16:15	40.6	(39.1)	(8.1)	(12.0)
9/18/19 3:30	17.6	18.5	0.0	35.0	9/18/19 16:30	34.9	(36.0)	10.3	13.9
9/18/19 3:45	4.2	15.1	(0.0)	17.3	9/18/19 16:45	(20.8)	(24.9)	(2.2)	(42.4)
9/18/19 4:00	(21.6)	23.3	0.0	11.9	9/18/19 17:00	25.0	(11.5)	12.5	25.8
9/18/19 4:15	34.8	(5.6)	0.0	29.2	9/18/19 17:15	(15.5)	(13.2)	(5.5)	(30.2)
9/18/19 4:30	11.5	(21.2)	0.0	(11.1)	9/18/19 17:30	3.9	(8.1)	22.2	15.8
9/18/19 4:45	7.2	(10.3)	0.0	(6.4)	9/18/19 17:45	(28.2)	(10.3)	16.9	(22.1)
9/18/19 5:00	22.6	(19.6)	(0.0)	(6.8)	9/18/19 18:00	15.6	(18.3)	17.5	15.5
9/18/19 5:15	64.8	(99.2)	(0.0)	(34.4)	9/18/19 18:15	(33.5)	(27.0)	17.3	(43.2)
9/18/19 5:30	22.0	(23.1)	0.0	8.5	9/18/19 18:30	(30.6)	(32.0)	15.2	(47.4)
9/18/19 5:45	(33.6)	22.3	(0.0)	(14.7)	9/18/19 18:45	(19.1)	(39.5)	9.0	(44.8)
9/18/19 6:00	65.7	17.3	(0.0)	82.0	9/18/19 19:00	6.3	(45.8)	2.7	(36.8)
9/18/19 6:15	17.5	16.7	0.0	34.2	9/18/19 19:15	14.2	(26.9)	0.2	(15.2)
9/18/19 6:30	(11.8)	20.0	(0.0)	23.3	9/18/19 19:30	(11.4)	(28.0)	(0.0)	(33.2)
9/18/19 6:45	(14.2)	19.3	(0.1)	13.6	9/18/19 19:45	12.5	(29.2)	0.0	(22.7)
9/18/19 7:00	14.2	17.6	(2.5)	29.3	9/18/19 20:00	(14.1)	(37.8)	0.0	(51.9)
9/18/19 7:15	2.6	39.5	(9.6)	31.3	9/18/19 20:15	(57.4)	(20.1)	0.0	(77.4)
9/18/19 7:30	11.8	39.7	(16.3)	35.2	9/18/19 20:30	11.3	(18.9)	(0.0)	(16.5)
9/18/19 7:45	(2.8)	54.7	(19.8)	33.3	9/18/19 20:45	(19.3)	(13.1)	0.0	(29.7)
9/18/19 8:00	8.6	72.2	(21.2)	59.0	9/18/19 21:00	(33.0)	(18.3)	0.0	(51.3)
9/18/19 8:15	27.3	59.6	(20.0)	66.9	9/18/19 21:15	(56.3)	(9.7)	0.0	(66.0)
9/18/19 8:30	9.3	64.6	(17.0)	56.9	9/18/19 21:30	(23.3)	2.5	(0.0)	(22.3)
9/18/19 8:45	1.9	54.7	(10.2)	45.8	9/18/19 21:45	(51.6)	28.2	0.0	(23.4)
9/18/19 9:00	12.2	52.9	(4.1)	61.0	9/18/19 22:00	(64.2)	26.8	(0.0)	(37.3)
9/18/19 9:15	6.4	40.5	(3.0)	43.9	9/18/19 22:15	(36.0)	6.5	0.0	(30.6)
9/18/19 9:30	4.8	8.6	7.1	19.5	9/18/19 22:30	4.3	(3.3)	(0.0)	4.6
9/18/19 9:45	16.5	23.2	0.8	39.5	9/18/19 22:45	(68.0)	43.2	0.0	(32.7)
9/18/19 10:00	28.3	25.7	(11.9)	42.2	9/18/19 23:00	(15.0)	50.3	(0.0)	40.6
9/18/19 10:15	21.8	25.6	3.3	50.1	9/18/19 23:15	(21.1)	(6.5)	0.0	(21.6)
9/18/19 10:30	(26.1)	23.0	2.1	11.7	9/18/19 23:30	(60.3)	34.8	(0.0)	(25.5)
9/18/19 10:45	11.4	5.7	(1.2)	14.8	9/18/19 23:45	(47.2)	50.3	(0.0)	7.0
9/18/19 11:00	37.7	11.7	2.6	51.3	9/19/19 0:00	(22.7)	27.6	0.0	12.8
9/18/19 11:15	25.5	5.7	(4.0)	27.2	9/19/19 0:15	10.1	32.6	(0.0)	38.3
9/18/19 11:30	16.2	(1.6)	1.7	16.3	9/19/19 0:30	(14.8)	(2.8)	(0.0)	(15.6)
9/18/19 11:45	9.8	(4.3)	6.7	9.4	9/19/19 0:45	(32.1)	25.7	(0.0)	(11.8)
9/18/19 12:00	33.4	(5.7)	9.5	37.2	9/19/19 1:00	(30.8)	34.4	0.0	14.0
9/18/19 12:15	25.9	(6.5)	(7.1)	13.7	9/19/19 1:15	(16.6)	16.0	(0.0)	7.0
9/18/19 12:30	8.2	5.0	(1.7)	8.3	9/19/19 1:30	(25.6)	(2.3)	(0.0)	(27.3)
9/18/19 12:45	49.9	2.0	13.0	64.8	9/19/19 1:45	(17.6)	10.3	0.0	(12.0)
9/18/19 13:00	30.5	(3.7)	(12.3)	15.9	9/19/19 2:00	(13.1)	23.8	0.0	16.7
9/18/19 13:15	15.2	(8.8)	4.8	12.7	9/19/19 2:15	(31.9)	51.9	0.0	20.2
9/18/19 13:30	14.1	(19.2)	(3.9)	(25.0)	9/19/19 2:30	(12.5)	63.7	(0.0)	54.5
9/18/19 13:45	38.8	(13.8)	(5.8)	20.8	9/19/19 2:45	15.8	52.4	0.0	68.3
9/18/19 14:00	25.9	(25.4)	(4.5)	(9.4)	9/19/19 3:00	(12.3)	14.6	0.0	7.0

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/19/19 3:15	(27.9)	36.4	(0.0)	12.4	9/19/19 16:15	26.4	(5.4)	21.8	47.2
9/19/19 3:30	31.7	25.1	(0.0)	56.8	9/19/19 16:30	11.2	(32.6)	(14.3)	(28.5)
9/19/19 3:45	(4.6)	15.5	0.0	11.9	9/19/19 16:45	10.1	(20.9)	22.3	10.4
9/19/19 4:00	(30.3)	(9.2)	0.0	(35.8)	9/19/19 17:00	6.2	(22.9)	(41.8)	(59.0)
9/19/19 4:15	31.4	15.4	(0.0)	42.0	9/19/19 17:15	6.7	22.7	13.7	40.7
9/19/19 4:30	2.7	49.7	0.0	51.7	9/19/19 17:30	6.6	(4.9)	12.3	18.3
9/19/19 4:45	(23.7)	28.3	0.0	9.5	9/19/19 17:45	(6.2)	(21.6)	21.9	(5.8)
9/19/19 5:00	63.6	(3.9)	(0.0)	60.6	9/19/19 18:00	(25.0)	(36.4)	20.4	(41.1)
9/19/19 5:15	73.0	9.7	0.0	82.7	9/19/19 18:15	(31.7)	(38.6)	23.3	(47.1)
9/19/19 5:30	7.2	7.1	(0.0)	11.7	9/19/19 18:30	(36.5)	(109.9)	9.3	(137.1)
9/19/19 5:45	38.7	(6.2)	(0.0)	33.9	9/19/19 18:45	(35.8)	(95.9)	7.5	(124.3)
9/19/19 6:00	48.0	(9.1)	(0.0)	39.8	9/19/19 19:00	(20.4)	(45.5)	0.9	(65.0)
9/19/19 6:15	24.1	22.8	(0.1)	42.0	9/19/19 19:15	28.0	(39.4)	0.1	(12.2)
9/19/19 6:30	47.7	9.6	0.1	57.3	9/19/19 19:30	(7.3)	(9.1)	0.0	(11.3)
9/19/19 6:45	22.6	15.7	(0.1)	38.1	9/19/19 19:45	(21.6)	9.8	0.0	(11.7)
9/19/19 7:00	(23.5)	14.9	(2.4)	(16.8)	9/19/19 20:00	(22.1)	(8.6)	(0.0)	(29.7)
9/19/19 7:15	(58.5)	(4.9)	(9.9)	(68.3)	9/19/19 20:15	(24.8)	(20.5)	(0.0)	(45.4)
9/19/19 7:30	32.1	10.5	(18.3)	24.1	9/19/19 20:30	(31.2)	(22.4)	0.0	(53.6)
9/19/19 7:45	12.2	25.5	(21.2)	16.4	9/19/19 20:45	(30.6)	(25.1)	0.0	(55.6)
9/19/19 8:00	9.9	27.6	(20.7)	13.7	9/19/19 21:00	(28.3)	(67.7)	(0.0)	(96.1)
9/19/19 8:15	12.9	36.6	(19.4)	24.2	9/19/19 21:15	(21.3)	(6.0)	(0.0)	(23.8)
9/19/19 8:30	5.9	31.4	(17.1)	18.3	9/19/19 21:30	(44.5)	13.9	(0.0)	(30.6)
9/19/19 8:45	16.9	33.4	(9.6)	40.7	9/19/19 21:45	(48.1)	8.0	0.0	(40.7)
9/19/19 9:00	16.1	15.5	(3.4)	28.2	9/19/19 22:00	(31.4)	(3.8)	(0.0)	(35.2)
9/19/19 9:15	9.1	6.9	(1.7)	14.2	9/19/19 22:15	(23.9)	(9.4)	0.0	(33.3)
9/19/19 9:30	13.8	4.9	(0.9)	17.3	9/19/19 22:30	(50.5)	38.0	(0.0)	(21.6)
9/19/19 9:45	9.0	8.0	(0.7)	16.3	9/19/19 22:45	(55.5)	68.9	0.0	22.6
9/19/19 10:00	12.1	4.1	0.2	16.4	9/19/19 23:00	(38.3)	30.3	0.0	(9.1)
9/19/19 10:15	3.0	(1.5)	1.4	3.0	9/19/19 23:15	10.2	(34.8)	0.0	(27.1)
9/19/19 10:30	18.3	(3.8)	(1.5)	13.5	9/19/19 23:30	(34.7)	19.9	(0.0)	(15.0)
9/19/19 10:45	15.0	(10.5)	0.7	4.6	9/19/19 23:45	(41.2)	48.4	0.0	10.6
9/19/19 11:00	16.9	(10.1)	0.9	7.7	9/20/19 0:00	(38.1)	67.3	(0.0)	29.2
9/19/19 11:15	24.9	(9.4)	0.6	16.1	9/20/19 0:15	(19.0)	10.3	(0.0)	(10.3)
9/19/19 11:30	19.8	(11.2)	0.8	9.4	9/20/19 0:30	6.6	(4.6)	0.0	(3.2)
9/19/19 11:45	27.4	(11.6)	0.6	16.4	9/20/19 0:45	(17.6)	4.0	(0.0)	(16.6)
9/19/19 12:00	22.0	(21.1)	1.4	5.4	9/20/19 1:00	(30.7)	42.1	(0.0)	13.9
9/19/19 12:15	23.5	(40.5)	0.4	(16.7)	9/20/19 1:15	(4.3)	15.3	0.0	11.0
9/19/19 12:30	17.2	(40.1)	0.3	(22.7)	9/20/19 1:30	(19.8)	36.1	(0.0)	16.4
9/19/19 12:45	40.6	(43.3)	(0.2)	(5.6)	9/20/19 1:45	(21.9)	44.5	(0.0)	23.3
9/19/19 13:00	23.6	(50.5)	12.2	(14.7)	9/20/19 2:00	(20.0)	3.4	0.0	(16.9)
9/19/19 13:15	16.8	(31.8)	31.2	17.0	9/20/19 2:15	5.1	6.1	(0.0)	4.9
9/19/19 13:30	31.5	(55.0)	(6.0)	(27.8)	9/20/19 2:30	14.3	(16.6)	0.0	(8.5)
9/19/19 13:45	23.8	(57.2)	(6.9)	(40.4)	9/20/19 2:45	(21.3)	16.6	0.0	(5.9)
9/19/19 14:00	35.7	(38.3)	10.1	13.5	9/20/19 3:00	(15.0)	(18.1)	(0.0)	(12.1)
9/19/19 14:15	23.2	(42.4)	(16.1)	(38.2)	9/20/19 3:15	(18.0)	(17.6)	(0.0)	(31.0)
9/19/19 14:30	32.3	(53.3)	6.5	(18.1)	9/20/19 3:30	(7.3)	6.9	0.0	(4.2)
9/19/19 14:45	25.8	(16.7)	5.2	14.9	9/20/19 3:45	(8.4)	(7.5)	(0.0)	(15.9)
9/19/19 15:00	21.4	(20.6)	(11.5)	(17.2)	9/20/19 4:00	32.2	(25.8)	(0.0)	8.2
9/19/19 15:15	30.4	(44.8)	7.1	(19.9)	9/20/19 4:15	12.2	(24.9)	0.0	(13.0)
9/19/19 15:30	27.1	(7.1)	(11.2)	18.2	9/20/19 4:30	(10.5)	(22.0)	0.0	(27.4)
9/19/19 15:45	18.8	24.9	(8.6)	38.2	9/20/19 4:45	11.6	9.6	0.0	20.9
9/19/19 16:00	29.8	(31.6)	11.6	11.4	9/20/19 5:00	29.1	(34.4)	0.0	(9.4)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/20/19 5:15	42.2	(46.3)	0.0	(5.8)	9/20/19 18:15	(56.8)	43.0	19.7	8.2
9/20/19 5:30	(21.9)	(20.7)	0.0	(41.7)	9/20/19 18:30	(24.8)	17.3	16.4	14.2
9/20/19 5:45	38.1	(11.2)	(0.0)	26.8	9/20/19 18:45	(25.9)	(2.8)	8.3	(20.0)
9/20/19 6:00	43.0	14.4	0.0	52.9	9/20/19 19:00	(48.1)	(10.4)	2.0	(56.5)
9/20/19 6:15	44.2	51.4	(0.0)	95.1	9/20/19 19:15	15.4	(19.9)	0.0	(7.3)
9/20/19 6:30	44.2	(7.7)	0.0	37.0	9/20/19 19:30	(10.2)	(19.8)	(0.0)	(27.7)
9/20/19 6:45	22.5	(32.8)	(0.0)	(12.1)	9/20/19 19:45	(67.6)	(70.8)	(0.0)	(138.4)
9/20/19 7:00	(13.6)	19.2	(2.2)	13.6	9/20/19 20:00	5.6	(79.5)	0.0	(77.1)
9/20/19 7:15	11.5	(8.4)	(10.2)	(11.4)	9/20/19 20:15	(18.8)	(58.6)	(0.0)	(75.5)
9/20/19 7:30	28.7	(7.0)	(7.1)	16.6	9/20/19 20:30	(45.0)	(30.9)	0.0	(75.9)
9/20/19 7:45	(13.3)	7.8	(15.4)	(18.5)	9/20/19 20:45	(16.2)	(17.7)	0.0	(31.2)
9/20/19 8:00	38.2	54.2	(27.4)	65.0	9/20/19 21:00	(26.2)	(6.5)	(0.0)	(30.9)
9/20/19 8:15	23.4	45.6	(20.5)	48.6	9/20/19 21:15	(40.7)	36.6	0.0	(13.4)
9/20/19 8:30	(11.5)	62.7	(28.0)	33.8	9/20/19 21:30	(59.9)	105.5	0.0	45.6
9/20/19 8:45	26.0	79.2	(4.5)	92.9	9/20/19 21:45	(39.8)	25.8	0.0	(16.9)
9/20/19 9:00	36.3	75.4	(10.8)	100.9	9/20/19 22:00	40.3	44.3	(0.0)	83.6
9/20/19 9:15	13.8	42.9	(4.1)	51.5	9/20/19 22:15	(32.1)	(39.2)	0.0	(71.3)
9/20/19 9:30	(7.2)	14.0	(2.3)	8.3	9/20/19 22:30	(69.6)	(13.5)	(0.0)	(76.5)
9/20/19 9:45	36.7	(11.3)	(1.1)	24.3	9/20/19 22:45	(39.3)	54.9	0.0	18.9
9/20/19 10:00	26.8	(37.7)	0.7	(18.1)	9/20/19 23:00	(41.1)	20.7	0.0	(20.4)
9/20/19 10:15	15.8	(44.3)	1.0	(35.9)	9/20/19 23:15	(28.5)	17.1	(0.0)	(11.4)
9/20/19 10:30	29.4	(14.9)	19.9	34.4	9/20/19 23:30	(18.1)	25.7	0.0	14.9
9/20/19 10:45	15.3	9.6	10.9	29.4	9/20/19 23:45	(14.8)	21.5	(0.0)	9.6
9/20/19 11:00	21.5	7.7	(3.0)	22.1	9/21/19 0:00	(40.2)	43.8	(0.0)	4.9
9/20/19 11:15	14.7	(32.9)	(5.9)	(19.9)	9/21/19 0:15	(22.2)	56.2	(0.0)	37.8
9/20/19 11:30	18.1	(34.7)	(15.1)	(34.2)	9/21/19 0:30	(24.9)	6.5	0.0	(18.9)
9/20/19 11:45	24.2	(12.5)	2.9	23.8	9/21/19 0:45	(44.1)	46.5	0.0	6.2
9/20/19 12:00	(17.6)	(7.8)	(2.6)	(25.1)	9/21/19 1:00	(20.3)	42.0	(0.0)	35.3
9/20/19 12:15	(31.4)	6.0	(2.0)	(29.1)	9/21/19 1:15	(8.3)	(27.9)	0.0	(35.7)
9/20/19 12:30	30.0	6.1	2.6	34.4	9/21/19 1:30	(33.5)	27.8	(0.0)	(8.0)
9/20/19 12:45	35.6	8.7	6.1	44.9	9/21/19 1:45	(12.7)	14.4	0.0	7.3
9/20/19 13:00	13.5	14.5	(5.1)	19.7	9/21/19 2:00	(10.0)	(1.1)	(0.0)	(11.0)
9/20/19 13:15	23.1	(21.0)	(1.9)	(7.9)	9/21/19 2:15	(20.3)	20.6	(0.0)	2.6
9/20/19 13:30	23.4	(7.8)	(3.5)	15.5	9/21/19 2:30	(19.9)	25.1	0.0	9.0
9/20/19 13:45	23.9	31.0	10.7	63.2	9/21/19 2:45	(8.2)	(5.0)	0.0	(7.8)
9/20/19 14:00	18.2	(9.8)	3.9	14.0	9/21/19 3:00	(5.2)	(9.0)	0.0	(11.2)
9/20/19 14:15	32.6	11.6	(5.7)	37.1	9/21/19 3:15	(18.8)	23.2	0.0	7.5
9/20/19 14:30	18.8	(28.3)	3.4	(17.9)	9/21/19 3:30	9.7	4.9	0.0	10.4
9/20/19 14:45	38.8	11.1	(3.9)	45.1	9/21/19 3:45	(4.7)	(2.7)	(0.0)	(6.3)
9/20/19 15:00	30.3	(16.2)	9.7	23.7	9/21/19 4:00	(29.2)	14.2	0.0	(15.9)
9/20/19 15:15	10.2	(13.0)	(17.1)	(33.1)	9/21/19 4:15	26.0	(29.4)	(0.0)	(5.9)
9/20/19 15:30	27.3	(5.1)	(2.6)	24.6	9/21/19 4:30	6.8	(5.3)	0.0	2.7
9/20/19 15:45	23.8	15.2	(2.3)	35.5	9/21/19 4:45	(19.2)	22.9	(0.0)	8.0
9/20/19 16:00	(26.7)	(26.5)	1.6	(51.6)	9/21/19 5:00	14.9	16.5	0.0	26.5
9/20/19 16:15	20.0	7.3	(0.9)	27.7	9/21/19 5:15	12.7	9.1	0.0	21.8
9/20/19 16:30	17.8	(35.0)	2.0	(18.4)	9/21/19 5:30	(15.5)	36.5	0.0	24.0
9/20/19 16:45	(20.7)	(74.2)	2.5	(88.8)	9/21/19 5:45	21.5	20.9	(0.0)	42.4
9/20/19 17:00	23.7	(41.3)	4.5	(14.5)	9/21/19 6:00	(33.2)	33.6	0.0	3.8
9/20/19 17:15	(3.4)	(17.8)	9.5	(12.0)	9/21/19 6:15	(31.2)	33.4	(0.0)	6.7
9/20/19 17:30	(24.0)	(4.6)	16.8	(15.2)	9/21/19 6:30	10.8	15.4	(0.0)	21.6
9/20/19 17:45	14.2	20.7	20.6	50.9	9/21/19 6:45	2.7	4.9	(0.0)	6.2
9/20/19 18:00	(30.0)	35.3	21.1	26.3	9/21/19 7:00	(17.2)	11.2	(2.2)	(13.7)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/21/19 7:15	23.2	5.0	(8.8)	20.2	9/21/19 20:15	(26.5)	30.7	0.0	6.8
9/21/19 7:30	11.9	18.8	(18.0)	13.1	9/21/19 20:30	(36.7)	59.2	(0.0)	24.9
9/21/19 7:45	(12.3)	25.6	(20.5)	(8.0)	9/21/19 20:45	(14.4)	(12.7)	(0.0)	(26.0)
9/21/19 8:00	40.3	8.0	(21.3)	27.0	9/21/19 21:00	(19.8)	(26.7)	0.0	(46.4)
9/21/19 8:15	28.6	39.1	(20.3)	47.4	9/21/19 21:15	(40.4)	(21.9)	0.0	(54.6)
9/21/19 8:30	9.9	(23.1)	(17.6)	(38.6)	9/21/19 21:30	11.8	(29.0)	(0.0)	(27.0)
9/21/19 8:45	(12.1)	(58.9)	(10.5)	(79.7)	9/21/19 21:45	(19.9)	14.9	(0.0)	(19.1)
9/21/19 9:00	19.6	(42.5)	(4.1)	(40.0)	9/21/19 22:00	(22.2)	22.4	0.0	3.9
9/21/19 9:15	42.3	(33.8)	(2.4)	12.0	9/21/19 22:15	21.9	16.4	(0.0)	38.0
9/21/19 9:30	12.0	(23.6)	(1.7)	(21.5)	9/21/19 22:30	(32.6)	16.1	0.0	(18.4)
9/21/19 9:45	20.9	40.8	(1.2)	58.6	9/21/19 22:45	(54.5)	63.4	(0.0)	8.9
9/21/19 10:00	13.8	(7.0)	(0.4)	7.1	9/21/19 23:00	(14.1)	11.3	0.0	(5.1)
9/21/19 10:15	(17.7)	5.5	0.2	(13.2)	9/21/19 23:15	7.5	9.3	(0.0)	12.6
9/21/19 10:30	25.9	(8.6)	0.2	18.3	9/21/19 23:30	(52.7)	38.2	0.0	(15.5)
9/21/19 10:45	21.1	(9.7)	0.7	12.6	9/21/19 23:45	(7.8)	26.1	(0.0)	22.6
9/21/19 11:00	13.5	10.8	1.3	18.7	9/22/19 0:00	(7.3)	10.9	(0.0)	8.7
9/21/19 11:15	(13.5)	39.1	0.9	39.2	9/22/19 0:15	(53.8)	16.6	(0.0)	(38.9)
9/21/19 11:30	22.8	42.3	0.8	65.8	9/22/19 0:30	(14.2)	7.9	0.0	(6.4)
9/21/19 11:45	12.6	22.6	0.7	32.9	9/22/19 0:45	(16.3)	13.1	(0.0)	(4.4)
9/21/19 12:00	(12.1)	13.1	0.9	19.3	9/22/19 1:00	(45.8)	20.4	(0.0)	(28.5)
9/21/19 12:15	14.7	10.6	0.5	24.8	9/22/19 1:15	(12.1)	16.8	0.0	13.8
9/21/19 12:30	13.3	14.4	0.5	25.1	9/22/19 1:30	(31.4)	29.4	(0.0)	17.4
9/21/19 12:45	14.9	15.8	0.3	27.3	9/22/19 1:45	16.3	16.2	0.0	32.3
9/21/19 13:00	30.0	16.7	0.2	46.9	9/22/19 2:00	(36.8)	34.1	(0.0)	(9.9)
9/21/19 13:15	11.4	10.7	0.3	22.3	9/22/19 2:15	27.9	11.7	(0.0)	38.0
9/21/19 13:30	22.5	(5.8)	(0.5)	16.7	9/22/19 2:30	(2.1)	41.6	0.0	39.6
9/21/19 13:45	32.0	(4.4)	0.1	28.2	9/22/19 2:45	(35.8)	49.0	0.0	13.2
9/21/19 14:00	20.7	(15.2)	(0.1)	(8.6)	9/22/19 3:00	11.6	(15.1)	0.0	(19.3)
9/21/19 14:15	11.4	(7.0)	(0.6)	(11.5)	9/22/19 3:15	(33.8)	18.8	0.0	(38.1)
9/21/19 14:30	21.8	(18.0)	(0.6)	4.5	9/22/19 3:30	(19.9)	54.9	(0.0)	35.0
9/21/19 14:45	(12.6)	(15.7)	(0.4)	(21.2)	9/22/19 3:45	12.4	62.6	(0.0)	73.6
9/21/19 15:00	12.3	(22.6)	(0.7)	(24.9)	9/22/19 4:00	7.5	31.2	0.0	38.6
9/21/19 15:15	6.9	(11.6)	0.5	(8.6)	9/22/19 4:15	(30.6)	13.7	(0.0)	(27.5)
9/21/19 15:30	11.1	(30.7)	0.5	(21.4)	9/22/19 4:30	21.3	41.6	0.0	62.1
9/21/19 15:45	(19.2)	(27.4)	0.3	(46.1)	9/22/19 4:45	4.6	25.8	(0.0)	29.6
9/21/19 16:00	14.5	(36.0)	(1.0)	(23.4)	9/22/19 5:00	8.6	26.5	0.0	35.0
9/21/19 16:15	10.6	(54.4)	0.3	(43.5)	9/22/19 5:15	(29.3)	(9.4)	0.0	(38.5)
9/21/19 16:30	(24.9)	(39.2)	3.4	(59.2)	9/22/19 5:30	(15.9)	10.6	0.0	(11.4)
9/21/19 16:45	35.0	(51.9)	1.7	(21.0)	9/22/19 5:45	(17.1)	3.5	(0.0)	(16.4)
9/21/19 17:00	7.4	5.3	7.3	18.9	9/22/19 6:00	27.7	9.6	(0.0)	36.7
9/21/19 17:15	(20.4)	16.6	13.3	9.9	9/22/19 6:15	26.4	(7.6)	(0.0)	20.6
9/21/19 17:30	11.4	(25.1)	20.5	(4.2)	9/22/19 6:30	(16.0)	7.6	0.0	(10.0)
9/21/19 17:45	(4.0)	(48.4)	18.5	(32.8)	9/22/19 6:45	(17.5)	17.4	(0.0)	17.1
9/21/19 18:00	(21.2)	(18.9)	18.9	(15.3)	9/22/19 7:00	10.1	(13.1)	(1.9)	(11.0)
9/21/19 18:15	26.9	(39.9)	17.9	7.6	9/22/19 7:15	(14.1)	(23.2)	(8.1)	(42.0)
9/21/19 18:30	12.6	(14.1)	14.6	14.7	9/22/19 7:30	16.5	(12.6)	(17.8)	(32.0)
9/21/19 18:45	(20.1)	(21.8)	6.8	(32.3)	9/22/19 7:45	17.6	(15.5)	(21.3)	(19.3)
9/21/19 19:00	33.1	(64.7)	1.7	(29.9)	9/22/19 8:00	14.2	(6.0)	(22.0)	(13.8)
9/21/19 19:15	23.8	(41.2)	0.1	(19.1)	9/22/19 8:15	(11.2)	(10.6)	(20.9)	(40.4)
9/21/19 19:30	(30.8)	44.8	(0.0)	15.6	9/22/19 8:30	23.9	(9.0)	(18.2)	(8.2)
9/21/19 19:45	19.6	9.9	0.0	23.5	9/22/19 8:45	12.0	(24.8)	(11.5)	(24.8)
9/21/19 20:00	(13.2)	(11.4)	0.0	(22.5)	9/22/19 9:00	13.3	(34.7)	(3.8)	(37.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/22/19 9:15	32.9	(48.6)	(2.4)	(24.8)	9/22/19 22:15	19.6	1.3	0.0	19.3
9/22/19 9:30	16.1	(52.7)	(1.3)	(37.9)	9/22/19 22:30	12.8	(23.6)	(0.0)	(18.3)
9/22/19 9:45	(20.7)	23.2	(0.7)	11.6	9/22/19 22:45	(63.6)	13.8	0.0	(62.2)
9/22/19 10:00	36.1	10.8	(0.6)	45.2	9/22/19 23:00	(36.2)	16.5	(0.0)	(31.8)
9/22/19 10:15	28.5	(6.2)	(0.0)	23.4	9/22/19 23:15	14.3	51.7	(0.0)	64.0
9/22/19 10:30	(23.5)	(8.2)	0.4	(28.9)	9/22/19 23:30	7.2	(30.9)	(0.0)	(31.5)
9/22/19 10:45	9.4	(54.1)	0.7	(49.4)	9/22/19 23:45	(54.3)	47.5	0.0	(11.0)
9/22/19 11:00	4.6	(14.9)	0.8	(9.5)	9/23/19 0:00	(7.0)	23.2	(0.0)	21.6
9/22/19 11:15	1.1	(10.0)	1.2	(8.8)	9/23/19 0:15	(10.9)	5.6	0.0	(8.0)
9/22/19 11:30	4.4	8.7	0.8	13.6	9/23/19 0:30	(38.9)	(8.2)	(0.0)	(47.1)
9/22/19 11:45	7.3	18.1	1.1	26.0	9/23/19 0:45	13.0	3.9	(0.0)	15.6
9/22/19 12:00	(2.6)	28.7	0.5	27.3	9/23/19 1:00	(10.4)	24.5	0.0	14.1
9/22/19 12:15	32.5	(21.2)	0.5	21.1	9/23/19 1:15	(29.3)	32.9	(0.0)	4.1
9/22/19 12:30	16.4	(32.7)	0.4	(15.9)	9/23/19 1:30	7.3	5.0	0.0	9.1
9/22/19 12:45	13.9	(19.9)	0.7	(9.4)	9/23/19 1:45	(6.0)	3.2	0.0	(3.3)
9/22/19 13:00	(15.2)	18.3	0.1	19.6	9/23/19 2:00	(25.2)	22.5	(0.0)	(6.8)
9/22/19 13:15	22.1	29.9	(0.3)	51.1	9/23/19 2:15	16.2	(7.0)	0.0	9.9
9/22/19 13:30	10.5	25.8	(0.2)	36.2	9/23/19 2:30	(1.9)	17.3	0.0	16.1
9/22/19 13:45	(14.5)	17.6	(0.2)	10.5	9/23/19 2:45	(34.0)	21.5	(0.0)	(16.6)
9/22/19 14:00	28.9	10.3	(0.6)	38.7	9/23/19 3:00	21.9	8.9	0.0	30.4
9/22/19 14:15	20.9	19.3	(0.2)	40.0	9/23/19 3:15	12.4	(22.5)	(0.0)	(18.6)
9/22/19 14:30	(12.7)	13.7	(0.4)	9.2	9/23/19 3:30	(21.8)	(32.6)	(0.0)	(51.2)
9/22/19 14:45	32.6	9.3	(0.3)	40.2	9/23/19 3:45	20.5	(11.5)	(0.0)	14.1
9/22/19 15:00	21.4	7.8	(0.2)	25.3	9/23/19 4:00	8.7	(2.0)	0.0	8.5
9/22/19 15:15	9.1	17.9	(0.2)	20.1	9/23/19 4:15	(13.3)	16.1	(0.0)	7.3
9/22/19 15:30	27.5	28.6	0.2	54.9	9/23/19 4:30	28.0	(24.1)	(0.0)	4.5
9/22/19 15:45	29.2	22.5	0.5	52.2	9/23/19 4:45	23.9	19.2	0.0	43.0
9/22/19 16:00	14.7	23.8	0.8	33.9	9/23/19 5:00	(8.0)	40.0	(0.0)	32.0
9/22/19 16:15	18.1	22.4	1.3	40.0	9/23/19 5:15	23.8	57.8	0.0	81.6
9/22/19 16:30	55.1	12.9	2.0	69.3	9/23/19 5:30	21.0	53.7	(0.0)	74.1
9/22/19 16:45	30.1	(6.6)	3.0	29.8	9/23/19 5:45	14.6	53.1	0.0	57.1
9/22/19 17:00	13.9	(7.6)	5.2	12.8	9/23/19 6:00	67.4	20.6	(0.0)	88.0
9/22/19 17:15	36.3	(9.3)	11.2	38.5	9/23/19 6:15	63.9	22.5	(0.0)	86.4
9/22/19 17:30	29.4	(5.1)	18.4	42.3	9/23/19 6:30	(9.2)	23.9	0.0	23.6
9/22/19 17:45	17.4	(7.1)	20.9	26.8	9/23/19 6:45	(9.3)	15.4	(0.0)	16.9
9/22/19 18:00	24.8	(5.8)	20.8	39.1	9/23/19 7:00	(16.7)	10.1	(1.3)	(11.8)
9/22/19 18:15	(12.4)	(10.7)	19.1	(7.8)	9/23/19 7:15	9.4	18.3	(4.2)	23.5
9/22/19 18:30	(23.0)	(16.6)	14.9	(23.7)	9/23/19 7:30	5.9	12.3	(6.4)	11.6
9/22/19 18:45	8.9	(19.1)	6.4	(14.7)	9/23/19 7:45	3.1	13.9	(8.2)	8.6
9/22/19 19:00	(7.9)	(26.7)	1.4	(30.3)	9/23/19 8:00	12.1	14.1	(22.9)	3.5
9/22/19 19:15	22.1	(22.6)	(0.0)	(17.7)	9/23/19 8:15	(4.3)	19.3	(14.4)	4.6
9/22/19 19:30	16.7	(5.8)	(0.0)	13.3	9/23/19 8:30	13.3	29.2	(24.0)	19.1
9/22/19 19:45	(26.0)	(11.7)	0.0	(37.6)	9/23/19 8:45	(5.5)	26.6	7.2	25.5
9/22/19 20:00	(12.0)	(40.2)	(0.0)	(43.2)	9/23/19 9:00	8.9	12.8	9.5	22.3
9/22/19 20:15	(21.1)	(30.4)	(0.0)	(51.5)	9/23/19 9:15	19.6	9.4	(25.5)	4.5
9/22/19 20:30	(47.3)	(48.2)	0.0	(95.6)	9/23/19 9:30	3.2	4.6	15.4	22.5
9/22/19 20:45	(11.9)	(62.9)	(0.0)	(74.8)	9/23/19 9:45	7.6	7.9	(7.5)	7.1
9/22/19 21:00	(23.9)	(85.3)	0.0	(108.9)	9/23/19 10:00	14.1	2.0	(1.6)	15.1
9/22/19 21:15	(21.7)	(88.9)	0.0	(106.9)	9/23/19 10:15	9.7	5.7	9.4	24.9
9/22/19 21:30	(22.3)	(36.2)	(0.0)	(58.5)	9/23/19 10:30	6.7	8.2	18.3	32.2
9/22/19 21:45	(36.4)	3.5	(0.0)	(33.5)	9/23/19 10:45	15.2	2.1	(1.3)	15.4
9/22/19 22:00	(66.6)	(1.1)	(0.0)	(66.6)	9/23/19 11:00	7.5	2.7	(14.1)	(4.4)

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	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/23/19 11:15	43.6	(2.6)	(20.5)	21.6	9/24/19 0:15	(12.4)	(1.6)	(0.0)	(12.3)
9/23/19 11:30	7.8	(0.5)	10.3	18.0	9/24/19 0:30	(42.3)	(9.7)	(0.0)	(52.0)
9/23/19 11:45	11.7	(1.7)	10.1	20.1	9/24/19 0:45	(26.0)	(5.1)	(0.0)	(28.9)
9/23/19 12:00	(26.8)	(4.2)	(3.6)	(31.1)	9/24/19 1:00	17.4	13.6	0.0	31.0
9/23/19 12:15	38.5	(15.6)	(22.3)	6.8	9/24/19 1:15	(8.2)	8.3	(0.0)	2.5
9/23/19 12:30	4.3	(12.0)	(14.2)	(22.2)	9/24/19 1:30	(35.3)	8.7	0.0	(27.0)
9/23/19 12:45	11.4	(9.5)	8.7	10.6	9/24/19 1:45	(22.1)	12.7	(0.0)	(17.7)
9/23/19 13:00	(15.9)	(6.1)	23.4	5.8	9/24/19 2:00	34.3	(13.5)	0.0	29.6
9/23/19 13:15	23.6	(8.1)	(2.5)	14.9	9/24/19 2:15	33.2	(52.2)	0.0	(22.1)
9/23/19 13:30	52.5	1.9	6.7	60.6	9/24/19 2:30	(14.5)	(7.6)	0.0	(17.2)
9/23/19 13:45	25.2	(2.1)	10.2	33.4	9/24/19 2:45	13.1	(23.2)	0.0	(16.5)
9/23/19 14:00	9.3	2.5	(11.0)	(8.7)	9/24/19 3:00	2.9	(22.2)	0.0	(20.9)
9/23/19 14:15	(5.9)	1.1	(5.3)	(10.2)	9/24/19 3:15	(30.3)	(9.2)	(0.0)	(39.5)
9/23/19 14:30	25.5	2.8	2.2	30.3	9/24/19 3:30	(7.9)	(30.9)	0.0	(34.8)
9/23/19 14:45	32.4	(5.1)	16.0	43.5	9/24/19 3:45	3.5	(117.3)	(0.0)	(114.1)
9/23/19 15:00	9.0	(3.5)	12.3	18.9	9/24/19 4:00	18.0	(30.4)	0.0	(13.5)
9/23/19 15:15	(15.7)	3.1	(2.6)	(17.2)	9/24/19 4:15	29.1	(53.9)	(0.0)	(24.8)
9/23/19 15:30	(7.9)	(18.0)	(1.9)	(23.5)	9/24/19 4:30	30.3	(57.0)	0.0	(26.7)
9/23/19 15:45	26.6	(18.7)	3.4	11.8	9/24/19 4:45	27.4	(41.9)	0.0	(14.6)
9/23/19 16:00	32.8	2.5	11.6	44.6	9/24/19 5:00	24.5	(23.1)	(0.0)	3.7
9/23/19 16:15	6.8	(12.5)	12.3	6.5	9/24/19 5:15	7.0	(7.6)	0.0	(5.7)
9/23/19 16:30	(25.4)	(10.7)	1.3	(32.6)	9/24/19 5:30	49.2	(86.6)	0.0	(38.4)
9/23/19 16:45	19.2	(1.5)	4.9	21.8	9/24/19 5:45	41.6	(77.4)	0.0	(35.7)
9/23/19 17:00	5.4	3.8	3.7	10.7	9/24/19 6:00	16.5	20.0	(0.0)	30.4
9/23/19 17:15	(10.0)	(11.3)	1.7	(14.4)	9/24/19 6:15	64.9	(162.8)	(0.0)	(97.9)
9/23/19 17:30	(33.3)	(5.6)	2.5	(36.1)	9/24/19 6:30	52.3	(29.0)	0.0	28.8
9/23/19 17:45	31.7	(4.7)	4.3	31.0	9/24/19 6:45	21.1	(28.9)	0.0	(13.3)
9/23/19 18:00	(13.0)	(22.2)	2.2	(26.8)	9/24/19 7:00	(10.9)	83.8	(0.1)	82.2
9/23/19 18:15	(18.0)	9.5	3.1	(13.3)	9/24/19 7:15	35.4	39.2	(4.1)	68.8
9/23/19 18:30	(37.1)	9.7	2.7	(24.9)	9/24/19 7:30	12.2	(42.2)	(15.4)	(45.5)
9/23/19 18:45	37.8	(15.6)	0.8	23.1	9/24/19 7:45	(24.3)	57.3	(13.4)	21.9
9/23/19 19:00	11.4	(34.3)	0.0	(23.3)	9/24/19 8:00	22.0	37.4	(9.0)	40.9
9/23/19 19:15	14.1	(20.9)	0.1	(17.0)	9/24/19 8:15	17.9	63.1	(13.4)	67.6
9/23/19 19:30	15.4	(4.1)	(0.0)	18.2	9/24/19 8:30	(14.7)	7.1	(18.0)	(24.0)
9/23/19 19:45	(16.3)	10.5	(0.0)	(6.4)	9/24/19 8:45	26.6	15.3	(39.3)	11.8
9/23/19 20:00	(37.5)	(2.7)	0.0	(39.6)	9/24/19 9:00	(18.5)	23.3	(8.7)	(7.7)
9/23/19 20:15	(44.7)	5.3	(0.0)	(40.0)	9/24/19 9:15	17.2	20.4	(2.0)	35.5
9/23/19 20:30	(29.2)	20.4	(0.0)	(8.8)	9/24/19 9:30	11.3	4.4	(1.5)	12.3
9/23/19 20:45	(30.6)	22.3	0.0	(8.7)	9/24/19 9:45	4.9	(1.9)	(1.8)	2.7
9/23/19 21:00	(31.4)	12.4	(0.0)	(19.0)	9/24/19 10:00	49.1	(35.6)	3.9	17.1
9/23/19 21:15	(24.2)	4.2	0.0	(19.9)	9/24/19 10:15	(21.4)	(24.3)	6.3	(38.8)
9/23/19 21:30	(21.0)	3.0	(0.0)	(18.3)	9/24/19 10:30	31.4	(24.7)	(4.5)	(19.1)
9/23/19 21:45	(40.0)	(3.0)	0.0	(42.8)	9/24/19 10:45	24.8	6.3	(4.2)	24.9
9/23/19 22:00	(38.2)	2.3	0.0	(35.9)	9/24/19 11:00	23.7	9.2	2.7	35.5
9/23/19 22:15	(57.9)	(3.0)	0.0	(60.7)	9/24/19 11:15	(15.5)	(11.7)	(1.1)	(26.8)
9/23/19 22:30	(44.3)	(4.2)	(0.0)	(47.8)	9/24/19 11:30	26.9	17.3	0.2	43.6
9/23/19 22:45	(25.7)	5.0	0.0	(21.9)	9/24/19 11:45	(27.9)	45.4	1.1	32.5
9/23/19 23:00	(57.0)	6.2	0.0	(50.8)	9/24/19 12:00	(44.7)	2.4	2.2	(41.7)
9/23/19 23:15	(11.2)	4.8	(0.0)	(8.9)	9/24/19 12:15	11.3	51.2	0.7	63.2
9/23/19 23:30	(31.2)	8.3	(0.0)	(22.8)	9/24/19 12:30	13.8	57.8	0.4	71.9
9/23/19 23:45	(52.9)	7.5	0.0	(45.5)	9/24/19 12:45	18.8	76.5	(0.4)	94.9
9/24/19 0:00	(10.6)	6.6	(0.0)	(5.0)	9/24/19 13:00	50.0	78.6	0.3	128.9

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/24/19 13:15	16.9	65.4	0.5	82.7	9/25/19 2:15	9.3	(22.4)	(0.0)	(19.5)
9/24/19 13:30	11.0	32.4	0.1	37.6	9/25/19 2:30	(16.6)	(52.2)	0.0	(67.2)
9/24/19 13:45	(12.9)	14.0	(0.4)	11.0	9/25/19 2:45	(9.4)	10.9	(0.0)	12.8
9/24/19 14:00	16.8	5.6	(0.5)	19.4	9/25/19 3:00	(31.8)	34.5	0.0	7.3
9/24/19 14:15	65.3	23.1	(0.6)	87.8	9/25/19 3:15	29.4	7.0	0.0	30.2
9/24/19 14:30	44.9	44.7	(0.3)	89.4	9/25/19 3:30	19.4	(23.8)	(0.0)	(8.2)
9/24/19 14:45	7.8	22.4	0.6	27.0	9/25/19 3:45	(16.3)	11.8	0.0	(6.9)
9/24/19 15:00	17.0	(4.0)	(0.3)	14.1	9/25/19 4:00	23.0	(20.8)	0.0	4.5
9/24/19 15:15	(13.4)	18.5	(0.5)	15.7	9/25/19 4:15	16.6	(28.9)	(0.0)	(13.7)
9/24/19 15:30	(6.9)	21.2	(0.1)	20.1	9/25/19 4:30	(16.7)	24.0	0.0	15.3
9/24/19 15:45	38.5	15.0	0.9	54.4	9/25/19 4:45	32.2	8.3	(0.0)	38.9
9/24/19 16:00	34.3	5.3	1.4	41.0	9/25/19 5:00	28.0	(6.1)	0.0	31.9
9/24/19 16:15	20.1	8.1	2.2	30.3	9/25/19 5:15	34.5	19.5	(0.0)	52.1
9/24/19 16:30	11.5	26.6	2.7	36.4	9/25/19 5:30	30.6	3.7	0.0	32.2
9/24/19 16:45	36.8	36.4	3.5	76.7	9/25/19 5:45	26.0	(22.7)	(0.0)	6.4
9/24/19 17:00	26.2	20.0	6.6	52.8	9/25/19 6:00	52.1	(5.3)	(0.0)	50.2
9/24/19 17:15	(18.4)	24.4	12.1	19.7	9/25/19 6:15	24.1	(5.4)	(0.0)	22.1
9/24/19 17:30	31.0	12.2	18.6	61.8	9/25/19 6:30	68.9	(27.3)	(0.0)	41.6
9/24/19 17:45	8.2	9.9	20.0	35.8	9/25/19 6:45	16.3	(14.5)	0.0	2.5
9/24/19 18:00	(24.0)	3.2	19.4	18.5	9/25/19 7:00	(19.4)	(12.7)	(1.0)	(29.2)
9/24/19 18:15	(34.5)	1.8	16.6	(20.7)	9/25/19 7:15	42.3	(49.9)	(7.2)	(14.9)
9/24/19 18:30	(18.3)	(9.4)	11.8	(17.9)	9/25/19 7:30	14.7	13.9	(16.3)	8.0
9/24/19 18:45	(19.9)	(13.6)	4.0	(27.8)	9/25/19 7:45	(24.9)	41.5	(20.2)	(13.9)
9/24/19 19:00	(48.0)	(3.2)	0.8	(50.5)	9/25/19 8:00	(13.1)	49.2	(21.5)	28.9
9/24/19 19:15	13.9	(1.3)	0.1	13.2	9/25/19 8:15	5.2	66.7	(21.3)	50.6
9/24/19 19:30	(10.7)	(8.7)	0.1	(19.4)	9/25/19 8:30	4.2	35.0	(19.4)	20.1
9/24/19 19:45	(50.5)	(9.5)	0.1	(59.9)	9/25/19 8:45	4.0	(3.5)	(11.7)	(11.4)
9/24/19 20:00	(18.5)	(3.4)	0.0	(20.1)	9/25/19 9:00	7.2	(30.7)	(4.6)	(32.2)
9/24/19 20:15	(35.4)	1.6	0.0	(34.4)	9/25/19 9:15	14.6	(32.2)	(1.6)	(19.2)
9/24/19 20:30	(23.4)	(6.0)	(0.0)	(29.4)	9/25/19 9:30	8.0	(1.7)	(1.8)	4.7
9/24/19 20:45	(58.6)	(8.6)	(0.0)	(67.1)	9/25/19 9:45	5.8	14.8	(1.0)	19.5
9/24/19 21:00	(32.3)	(3.1)	0.0	(35.4)	9/25/19 10:00	10.8	17.9	(1.0)	26.0
9/24/19 21:15	(23.1)	(7.0)	(0.0)	(30.2)	9/25/19 10:15	(10.9)	(6.1)	(0.2)	(16.6)
9/24/19 21:30	(40.3)	(11.2)	(0.0)	(51.5)	9/25/19 10:30	11.7	(3.5)	1.2	10.8
9/24/19 21:45	(44.2)	(13.2)	0.0	(57.4)	9/25/19 10:45	5.9	(13.4)	1.5	(6.6)
9/24/19 22:00	(56.1)	(22.6)	0.0	(78.7)	9/25/19 11:00	12.1	(11.9)	1.0	1.9
9/24/19 22:15	(55.0)	(53.8)	0.0	(108.8)	9/25/19 11:15	27.2	4.8	1.0	30.4
9/24/19 22:30	(58.2)	(71.8)	0.0	(129.9)	9/25/19 11:30	21.9	30.2	0.9	51.6
9/24/19 22:45	(23.7)	(51.6)	0.0	(75.4)	9/25/19 11:45	20.7	34.7	0.9	56.2
9/24/19 23:00	(56.0)	(27.9)	(0.0)	(83.8)	9/25/19 12:00	10.1	37.9	0.6	44.2
9/24/19 23:15	(21.0)	(29.6)	(0.0)	(50.6)	9/25/19 12:15	(13.4)	44.9	0.9	39.7
9/24/19 23:30	(51.0)	(38.9)	0.0	(89.9)	9/25/19 12:30	26.8	48.3	0.5	75.6
9/24/19 23:45	(22.9)	16.9	(0.0)	(8.2)	9/25/19 12:45	27.6	40.3	0.3	68.2
9/25/19 0:00	(14.8)	28.4	(0.0)	14.4	9/25/19 13:00	14.6	37.6	0.2	45.5
9/25/19 0:15	(27.9)	46.8	(0.0)	18.9	9/25/19 13:15	27.0	23.2	0.2	47.8
9/25/19 0:30	(15.3)	16.4	0.0	7.1	9/25/19 13:30	27.0	11.7	0.3	38.7
9/25/19 0:45	(16.7)	15.6	(0.0)	(2.5)	9/25/19 13:45	16.5	(2.5)	0.4	16.7
9/25/19 1:00	(40.9)	6.3	0.0	(35.9)	9/25/19 14:00	11.7	(6.7)	4.3	(13.4)
9/25/19 1:15	(6.3)	14.4	0.0	15.7	9/25/19 14:15	46.7	(9.7)	2.7	39.7
9/25/19 1:30	(14.7)	(11.6)	0.0	(20.9)	9/25/19 14:30	35.8	(16.2)	(3.5)	16.8
9/25/19 1:45	(27.1)	(36.1)	0.0	(63.2)	9/25/19 14:45	5.2	(26.8)	5.4	(20.4)
9/25/19 2:00	(14.9)	(34.9)	(0.0)	(43.6)	9/25/19 15:00	35.6	(15.4)	3.6	26.9

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/25/19 15:15	28.0	(32.8)	11.4	13.0	9/26/19 4:15	14.7	14.5	(0.0)	27.8
9/25/19 15:30	12.8	(4.8)	(11.0)	(17.8)	9/26/19 4:30	9.7	(29.2)	0.0	(20.0)
9/25/19 15:45	37.1	8.0	(3.5)	45.3	9/26/19 4:45	12.6	19.1	0.0	30.7
9/25/19 16:00	33.1	8.8	3.9	43.6	9/26/19 5:00	19.5	(13.5)	(0.0)	6.5
9/25/19 16:15	7.7	(9.9)	6.1	(9.5)	9/26/19 5:15	35.7	(31.4)	(0.0)	6.3
9/25/19 16:30	21.1	(56.0)	1.5	(39.9)	9/26/19 5:30	17.8	(15.4)	0.0	3.9
9/25/19 16:45	35.4	(15.8)	12.5	33.3	9/26/19 5:45	36.1	(29.2)	0.0	6.9
9/25/19 17:00	11.2	16.8	6.5	34.3	9/26/19 6:00	46.2	(26.0)	(0.0)	20.2
9/25/19 17:15	(32.8)	(6.8)	6.9	(29.3)	9/26/19 6:15	53.9	(74.6)	(0.0)	(20.7)
9/25/19 17:30	20.3	(18.4)	12.6	15.9	9/26/19 6:30	42.3	(67.4)	0.0	(25.1)
9/25/19 17:45	14.2	(42.0)	21.9	(12.9)	9/26/19 6:45	27.2	(43.0)	(0.0)	(19.0)
9/25/19 18:00	(18.4)	(53.2)	7.4	(57.6)	9/26/19 7:00	14.8	25.2	(0.7)	35.8
9/25/19 18:15	(54.7)	(60.3)	13.8	(98.8)	9/26/19 7:15	27.5	23.1	(4.0)	43.2
9/25/19 18:30	12.6	(60.2)	10.2	(46.3)	9/26/19 7:30	27.3	(23.7)	(7.2)	(8.7)
9/25/19 18:45	(10.5)	(53.7)	4.4	(59.8)	9/26/19 7:45	5.8	19.4	(11.9)	7.3
9/25/19 19:00	(35.5)	(85.1)	1.0	(119.6)	9/26/19 8:00	(17.0)	34.3	(13.8)	7.7
9/25/19 19:15	24.7	(95.8)	0.0	(72.7)	9/26/19 8:15	(16.3)	42.4	(30.3)	(10.6)
9/25/19 19:30	(27.4)	(53.8)	(0.0)	(81.2)	9/26/19 8:30	(7.3)	(9.5)	12.6	(18.3)
9/25/19 19:45	(30.9)	(33.6)	(0.0)	(64.5)	9/26/19 8:45	(3.2)	(2.2)	9.1	8.0
9/25/19 20:00	(9.5)	(117.6)	(0.0)	(118.9)	9/26/19 9:00	36.4	(17.9)	1.4	19.3
9/25/19 20:15	(16.5)	(48.5)	(0.0)	(65.0)	9/26/19 9:15	21.6	(18.4)	(8.6)	6.7
9/25/19 20:30	(60.1)	6.7	0.0	(53.4)	9/26/19 9:30	8.8	15.9	(52.1)	(28.2)
9/25/19 20:45	(45.0)	48.9	(0.0)	13.1	9/26/19 9:45	(21.4)	(9.5)	15.8	(20.4)
9/25/19 21:00	(34.4)	7.8	0.0	(32.4)	9/26/19 10:00	35.4	(25.2)	15.1	29.4
9/25/19 21:15	24.7	(36.4)	0.0	(23.0)	9/26/19 10:15	43.3	(51.0)	18.8	14.4
9/25/19 21:30	30.0	(28.4)	(0.0)	(11.1)	9/26/19 10:30	(18.0)	15.8	5.3	6.9
9/25/19 21:45	(40.2)	30.5	(0.0)	(10.0)	9/26/19 10:45	29.2	(25.4)	6.9	18.7
9/25/19 22:00	(72.6)	79.6	(0.0)	12.2	9/26/19 11:00	18.7	5.9	(37.8)	(18.9)
9/25/19 22:15	(29.2)	29.5	0.0	3.6	9/26/19 11:15	(17.7)	9.4	(10.7)	(14.8)
9/25/19 22:30	(43.2)	16.2	(0.0)	(27.0)	9/26/19 11:30	42.8	(23.1)	5.5	27.5
9/25/19 22:45	(62.8)	38.8	0.0	(24.0)	9/26/19 11:45	20.1	(14.2)	1.3	7.6
9/25/19 23:00	(25.9)	17.8	0.0	(15.2)	9/26/19 12:00	16.9	(23.8)	4.1	(10.7)
9/25/19 23:15	(40.6)	22.5	(0.0)	(22.2)	9/26/19 12:15	6.7	(7.8)	7.0	12.3
9/25/19 23:30	(40.5)	51.1	0.0	10.6	9/26/19 12:30	37.1	(63.2)	(2.9)	(35.5)
9/25/19 23:45	(16.8)	29.3	0.0	13.0	9/26/19 12:45	24.5	11.0	6.6	38.2
9/26/19 0:00	(26.6)	9.3	(0.0)	(17.4)	9/26/19 13:00	(12.4)	18.1	(21.8)	(18.6)
9/26/19 0:15	(18.4)	6.5	(0.0)	(11.9)	9/26/19 13:15	49.8	15.8	(7.3)	57.4
9/26/19 0:30	(44.9)	27.3	(0.0)	(19.4)	9/26/19 13:30	7.6	(59.2)	(1.4)	(52.9)
9/26/19 0:45	9.3	13.8	(0.0)	11.3	9/26/19 13:45	(19.4)	41.3	(2.5)	23.9
9/26/19 1:00	(10.7)	24.7	(0.0)	16.9	9/26/19 14:00	38.0	17.4	0.9	55.7
9/26/19 1:15	(32.5)	12.8	(0.0)	(29.8)	9/26/19 14:15	30.0	(31.8)	12.0	13.0
9/26/19 1:30	(7.4)	28.9	(0.0)	24.2	9/26/19 14:30	23.6	24.2	(12.2)	31.3
9/26/19 1:45	(8.7)	30.5	0.0	22.3	9/26/19 14:45	(19.9)	(66.1)	(2.8)	(85.3)
9/26/19 2:00	(24.8)	17.0	(0.0)	(9.8)	9/26/19 15:00	11.0	39.1	(1.3)	43.5
9/26/19 2:15	15.2	26.4	0.0	36.3	9/26/19 15:15	12.6	23.1	18.0	44.7
9/26/19 2:30	(12.7)	(73.2)	0.0	(83.4)	9/26/19 15:30	13.4	47.4	15.5	63.1
9/26/19 2:45	(9.3)	(3.0)	0.0	(9.3)	9/26/19 15:45	32.2	7.0	(24.7)	18.5
9/26/19 3:00	(34.0)	27.9	(0.0)	(10.6)	9/26/19 16:00	31.0	(48.8)	2.0	(19.9)
9/26/19 3:15	23.1	(12.9)	0.0	10.7	9/26/19 16:15	10.6	(22.4)	1.7	(14.1)
9/26/19 3:30	3.8	7.3	0.0	10.0	9/26/19 16:30	50.6	(20.8)	4.4	59.0
9/26/19 3:45	(30.7)	7.7	(0.0)	(23.4)	9/26/19 16:45	30.6	56.3	1.2	88.1
9/26/19 4:00	(7.4)	14.2	0.0	12.0	9/26/19 17:00	24.4	19.0	8.6	49.1

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/26/19 17:15	(78.6)	9.5	12.8	(63.0)	9/27/19 6:15	52.2	(129.3)	0.0	(79.1)
9/26/19 17:30	22.8	19.0	16.8	58.6	9/27/19 6:30	25.8	48.0	0.0	65.8
9/26/19 17:45	(9.1)	(10.0)	17.6	11.8	9/27/19 6:45	13.2	62.1	0.0	73.4
9/26/19 18:00	10.9	25.5	17.0	49.8	9/27/19 7:00	(17.6)	57.7	(0.2)	41.0
9/26/19 18:15	(32.9)	46.2	16.4	29.9	9/27/19 7:15	9.5	53.0	(6.0)	55.3
9/26/19 18:30	(39.1)	12.1	11.5	(23.8)	9/27/19 7:30	10.0	58.8	(14.8)	46.2
9/26/19 18:45	(19.3)	(13.5)	3.8	(22.5)	9/27/19 7:45	9.9	84.9	(19.4)	72.0
9/26/19 19:00	19.0	(6.0)	0.4	13.9	9/27/19 8:00	8.0	45.9	(21.5)	31.8
9/26/19 19:15	(11.1)	11.2	(0.0)	8.3	9/27/19 8:15	(8.4)	27.4	(21.3)	7.5
9/26/19 19:30	(41.1)	(21.3)	0.0	(62.4)	9/27/19 8:30	13.3	3.2	(19.6)	(15.0)
9/26/19 19:45	20.3	16.4	0.0	34.8	9/27/19 8:45	7.1	15.6	(13.1)	10.6
9/26/19 20:00	(22.5)	30.6	0.0	11.8	9/27/19 9:00	(18.1)	42.7	(5.5)	21.7
9/26/19 20:15	(31.0)	15.2	0.0	(15.8)	9/27/19 9:15	(36.3)	52.1	(2.8)	14.8
9/26/19 20:30	(67.4)	(15.3)	(0.0)	(82.6)	9/27/19 9:30	(10.3)	28.2	(1.6)	19.2
9/26/19 20:45	(28.3)	(37.6)	0.0	(65.9)	9/27/19 9:45	9.3	31.1	(0.8)	37.5
9/26/19 21:00	(20.7)	(24.9)	(0.0)	(45.6)	9/27/19 10:00	14.9	24.8	(0.2)	39.5
9/26/19 21:15	(37.8)	19.9	0.0	(17.9)	9/27/19 10:15	10.9	14.6	0.3	25.7
9/26/19 21:30	(40.8)	54.8	(0.0)	14.3	9/27/19 10:30	24.6	19.4	0.4	43.2
9/26/19 21:45	(45.0)	37.7	(0.0)	(12.2)	9/27/19 10:45	3.5	12.7	0.5	13.3
9/26/19 22:00	(41.0)	18.5	0.0	(22.5)	9/27/19 11:00	13.4	2.8	1.4	16.5
9/26/19 22:15	(58.8)	26.0	0.0	(32.8)	9/27/19 11:15	(18.9)	6.9	2.2	(12.0)
9/26/19 22:30	(53.0)	10.6	(0.0)	(45.0)	9/27/19 11:30	40.7	(0.9)	(1.5)	39.2
9/26/19 22:45	(44.6)	(37.6)	0.0	(82.2)	9/27/19 11:45	(15.7)	2.5	1.3	(16.6)
9/26/19 23:00	20.7	(12.7)	(0.0)	(30.5)	9/27/19 12:00	19.6	9.2	0.6	27.5
9/26/19 23:15	23.2	(5.5)	0.0	26.7	9/27/19 12:15	18.0	(3.3)	2.5	19.0
9/26/19 23:30	(19.7)	(20.2)	(0.0)	(39.9)	9/27/19 12:30	(8.7)	(10.1)	(1.5)	(15.7)
9/26/19 23:45	(42.0)	32.7	0.0	(15.2)	9/27/19 12:45	32.4	(25.0)	(0.4)	11.3
9/27/19 0:00	12.3	(9.3)	(0.0)	7.2	9/27/19 13:00	26.1	(22.9)	(0.3)	5.7
9/27/19 0:15	(17.1)	(8.1)	(0.0)	(22.8)	9/27/19 13:15	17.1	(42.7)	(0.2)	(30.6)
9/27/19 0:30	(48.1)	23.2	0.0	(25.4)	9/27/19 13:30	(15.2)	(44.6)	0.2	(47.2)
9/27/19 0:45	(11.9)	38.2	(0.0)	30.4	9/27/19 13:45	33.5	(60.2)	0.0	(26.6)
9/27/19 1:00	(17.1)	10.9	(0.0)	(9.0)	9/27/19 14:00	19.8	(30.2)	(0.2)	(13.2)
9/27/19 1:15	(29.0)	(8.8)	0.0	(32.9)	9/27/19 14:15	13.6	(36.7)	(0.3)	(24.0)
9/27/19 1:30	(17.9)	19.1	0.0	17.7	9/27/19 14:30	10.9	(49.2)	2.4	(41.3)
9/27/19 1:45	(8.4)	8.3	0.0	2.9	9/27/19 14:45	48.7	(42.0)	(4.9)	6.9
9/27/19 2:00	(13.0)	12.3	(0.0)	(9.3)	9/27/19 15:00	22.2	(30.0)	14.9	7.0
9/27/19 2:15	(13.6)	(5.5)	0.0	(15.3)	9/27/19 15:15	12.8	7.3	2.8	15.9
9/27/19 2:30	(8.5)	(22.6)	0.0	(28.3)	9/27/19 15:30	10.9	(24.6)	(2.0)	(18.9)
9/27/19 2:45	(13.2)	12.2	0.0	(8.4)	9/27/19 15:45	5.6	(37.1)	7.7	(26.4)
9/27/19 3:00	(19.7)	13.4	(0.0)	(12.1)	9/27/19 16:00	(12.1)	(25.5)	14.6	(18.2)
9/27/19 3:15	13.8	35.5	(0.0)	49.3	9/27/19 16:15	(15.6)	(10.4)	8.9	(12.9)
9/27/19 3:30	(7.4)	3.8	0.0	(10.0)	9/27/19 16:30	16.1	(16.8)	5.6	7.9
9/27/19 3:45	(38.6)	17.3	(0.0)	(22.3)	9/27/19 16:45	(4.1)	(19.4)	3.8	(18.4)
9/27/19 4:00	23.2	16.5	(0.0)	35.4	9/27/19 17:00	(33.9)	(23.0)	34.4	(24.7)
9/27/19 4:15	25.3	(29.3)	0.0	(5.8)	9/27/19 17:15	(20.5)	(29.8)	24.5	(30.0)
9/27/19 4:30	14.3	(9.6)	0.0	10.3	9/27/19 17:30	(21.2)	(14.4)	(12.7)	(45.4)
9/27/19 4:45	(24.0)	(7.2)	0.0	(26.7)	9/27/19 17:45	(55.9)	(8.9)	(11.5)	(71.2)
9/27/19 5:00	48.3	(12.0)	(0.0)	37.4	9/27/19 18:00	(13.9)	27.2	13.9	27.4
9/27/19 5:15	45.4	(31.1)	0.0	14.9	9/27/19 18:15	(6.7)	8.8	10.2	17.1
9/27/19 5:30	15.8	(13.2)	0.0	5.3	9/27/19 18:30	(11.7)	(26.4)	2.6	(33.6)
9/27/19 5:45	16.1	(11.0)	0.0	9.6	9/27/19 18:45	16.4	(47.6)	1.2	(52.3)
9/27/19 6:00	60.3	(17.4)	(0.0)	42.8	9/27/19 19:00	23.4	10.5	0.2	27.8

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/27/19 19:15	(23.6)	(6.8)	0.0	(27.5)	9/28/19 8:15	(9.2)	(15.2)	(11.5)	(26.8)
9/27/19 19:30	(24.6)	36.5	0.0	22.6	9/28/19 8:30	(11.9)	(25.5)	(12.2)	(45.3)
9/27/19 19:45	5.6	(21.4)	(0.0)	(23.6)	9/28/19 8:45	33.6	(9.6)	(4.1)	24.5
9/27/19 20:00	(14.9)	(65.1)	(0.0)	(76.0)	9/28/19 9:00	7.9	(14.5)	(2.4)	(13.5)
9/27/19 20:15	(37.1)	(15.9)	0.0	(48.2)	9/28/19 9:15	10.8	(23.7)	(2.8)	(19.1)
9/27/19 20:30	11.6	(46.4)	(0.0)	(39.3)	9/28/19 9:30	30.8	(8.0)	(6.4)	16.7
9/27/19 20:45	(9.0)	12.4	0.0	3.7	9/28/19 9:45	14.9	15.5	(3.0)	27.4
9/27/19 21:00	(33.7)	58.4	0.0	31.0	9/28/19 10:00	7.1	10.5	(9.4)	5.3
9/27/19 21:15	14.9	56.8	0.0	64.9	9/28/19 10:15	15.6	(23.1)	(4.8)	(18.0)
9/27/19 21:30	(32.1)	58.1	0.0	26.0	9/28/19 10:30	(50.1)	21.0	1.8	(41.6)
9/27/19 21:45	(74.1)	53.5	0.0	(20.6)	9/28/19 10:45	30.7	(15.6)	(1.5)	26.3
9/27/19 22:00	(39.5)	46.8	0.0	10.3	9/28/19 11:00	(19.3)	(8.0)	(15.5)	(39.9)
9/27/19 22:15	(35.8)	57.0	0.0	24.0	9/28/19 11:15	28.3	(18.4)	(14.4)	5.1
9/27/19 22:30	(29.6)	(5.4)	0.0	(33.0)	9/28/19 11:30	24.0	(67.5)	69.2	26.0
9/27/19 22:45	(29.2)	(17.9)	(0.0)	(47.1)	9/28/19 11:45	22.7	(27.1)	1.0	(9.6)
9/27/19 23:00	(26.5)	(55.2)	(0.0)	(81.7)	9/28/19 12:00	17.3	(14.4)	(0.2)	3.9
9/27/19 23:15	(9.1)	(7.3)	0.0	(12.4)	9/28/19 12:15	19.7	(29.8)	0.1	(10.0)
9/27/19 23:30	(29.8)	7.9	0.0	(24.2)	9/28/19 12:30	(10.2)	(6.2)	0.3	(5.3)
9/27/19 23:45	(28.0)	(28.3)	0.0	(56.2)	9/28/19 12:45	12.9	14.5	3.1	15.6
9/28/19 0:00	7.2	8.9	(0.1)	14.1	9/28/19 13:00	(26.9)	25.9	(3.4)	(7.2)
9/28/19 0:15	(16.6)	35.1	(0.0)	19.3	9/28/19 13:15	38.5	(9.9)	0.2	34.5
9/28/19 0:30	(21.7)	(20.9)	(0.0)	(42.6)	9/28/19 13:30	28.3	(42.1)	0.8	(13.3)
9/28/19 0:45	(35.1)	(5.4)	0.0	(39.6)	9/28/19 13:45	(14.3)	26.0	(0.6)	15.4
9/28/19 1:00	8.4	7.9	(0.0)	13.9	9/28/19 14:00	19.9	(20.6)	0.4	(9.2)
9/28/19 1:15	(25.9)	23.9	0.0	(10.6)	9/28/19 14:15	6.9	(8.6)	(0.4)	(2.6)
9/28/19 1:30	17.9	25.4	(0.0)	39.5	9/28/19 14:30	(15.5)	13.0	(0.5)	5.6
9/28/19 1:45	(27.1)	32.6	(0.0)	16.1	9/28/19 14:45	37.8	(36.1)	(0.1)	5.5
9/28/19 2:00	(21.4)	28.4	0.1	23.1	9/28/19 15:00	24.6	(23.4)	(0.1)	2.6
9/28/19 2:15	22.3	(25.3)	0.0	(6.3)	9/28/19 15:15	(28.5)	11.8	(0.4)	(18.2)
9/28/19 2:30	(8.9)	(62.8)	0.0	(71.6)	9/28/19 15:30	27.6	(16.0)	(0.2)	12.0
9/28/19 2:45	(12.9)	(43.2)	0.1	(53.3)	9/28/19 15:45	21.2	(21.8)	0.5	(2.9)
9/28/19 3:00	6.5	(6.6)	0.0	5.7	9/28/19 16:00	23.4	(19.5)	0.5	4.9
9/28/19 3:15	47.1	57.8	0.0	104.9	9/28/19 16:15	19.3	(5.7)	1.0	14.7
9/28/19 3:30	(21.8)	46.8	(0.0)	29.2	9/28/19 16:30	16.7	(6.8)	0.9	10.8
9/28/19 3:45	15.9	14.2	(0.0)	29.7	9/28/19 16:45	21.4	(33.9)	0.7	(13.0)
9/28/19 4:00	13.7	24.2	0.0	35.3	9/28/19 17:00	15.0	(19.2)	1.2	(8.7)
9/28/19 4:15	(15.6)	4.1	(0.0)	(15.2)	9/28/19 17:15	14.9	(23.3)	(47.8)	(61.7)
9/28/19 4:30	15.3	15.1	(0.0)	25.4	9/28/19 17:30	19.8	(25.8)	15.0	12.7
9/28/19 4:45	(8.9)	(5.4)	0.0	(14.1)	9/28/19 17:45	21.6	(76.8)	20.8	(34.5)
9/28/19 5:00	10.8	(3.5)	0.0	10.7	9/28/19 18:00	(12.8)	(43.4)	20.0	(34.0)
9/28/19 5:15	(20.3)	(5.1)	0.0	(22.0)	9/28/19 18:15	(22.7)	(6.1)	16.9	(14.9)
9/28/19 5:30	2.0	(10.1)	0.0	(9.3)	9/28/19 18:30	9.2	(9.7)	9.7	10.2
9/28/19 5:45	4.1	(17.0)	(0.0)	(13.0)	9/28/19 18:45	(8.9)	5.9	2.4	(6.1)
9/28/19 6:00	34.4	5.7	(0.0)	37.5	9/28/19 19:00	16.2	(7.8)	0.1	9.8
9/28/19 6:15	46.0	(9.6)	0.0	37.7	9/28/19 19:15	23.4	(14.2)	(0.0)	18.0
9/28/19 6:30	14.3	10.5	(0.0)	23.9	9/28/19 19:30	(21.9)	26.8	(0.0)	21.9
9/28/19 6:45	(18.0)	9.8	0.0	(19.0)	9/28/19 19:45	(28.2)	(4.0)	(0.0)	(26.7)
9/28/19 7:00	22.7	(31.6)	0.0	(22.6)	9/28/19 20:00	8.1	(8.4)	0.0	(9.3)
9/28/19 7:15	(15.4)	(21.9)	(2.0)	(33.1)	9/28/19 20:15	(13.1)	6.7	0.0	(7.6)
9/28/19 7:30	10.1	(46.0)	(5.7)	(51.1)	9/28/19 20:30	(39.8)	(3.3)	0.0	(42.8)
9/28/19 7:45	42.7	(55.4)	(12.1)	(24.7)	9/28/19 20:45	(9.7)	13.8	(0.0)	14.7
9/28/19 8:00	(23.0)	(10.9)	(6.4)	(33.5)	9/28/19 21:00	(16.8)	4.8	(0.0)	(12.0)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/28/19 21:15	(49.8)	(9.2)	0.0	(58.7)	9/29/19 10:15	14.5	17.7	(0.3)	31.9
9/28/19 21:30	(14.1)	15.1	(0.0)	8.8	9/29/19 10:30	(27.7)	12.2	0.3	(15.8)
9/28/19 21:45	(12.2)	75.9	0.0	65.5	9/29/19 10:45	(13.4)	11.6	33.3	38.5
9/28/19 22:00	(53.3)	31.3	0.0	(23.1)	9/29/19 11:00	18.1	(20.7)	1.7	(6.9)
9/28/19 22:15	(10.5)	2.5	(0.0)	(8.3)	9/29/19 11:15	12.2	(33.6)	0.8	(22.0)
9/28/19 22:30	(31.9)	37.4	0.0	8.6	9/29/19 11:30	11.9	(24.0)	12.9	3.5
9/28/19 22:45	(53.6)	31.1	0.0	(23.7)	9/29/19 11:45	26.5	(61.8)	34.4	(5.6)
9/28/19 23:00	6.3	17.3	(0.0)	20.9	9/29/19 12:00	40.1	(22.6)	15.8	38.6
9/28/19 23:15	15.1	5.0	(0.0)	18.0	9/29/19 12:15	7.5	(15.9)	1.4	(11.0)
9/28/19 23:30	(55.2)	24.2	0.0	(31.1)	9/29/19 12:30	(16.1)	11.6	0.7	(6.6)
9/28/19 23:45	(10.2)	6.3	(0.0)	11.7	9/29/19 12:45	22.8	(22.2)	0.8	2.2
9/29/19 0:00	(20.7)	25.9	(0.0)	14.2	9/29/19 13:00	8.8	(24.2)	0.3	(16.0)
9/29/19 0:15	(45.8)	33.9	(0.0)	(20.4)	9/29/19 13:15	3.2	7.8	0.7	10.7
9/29/19 0:30	(28.2)	34.6	0.0	15.5	9/29/19 13:30	24.1	12.7	(37.4)	(11.7)
9/29/19 0:45	(23.4)	51.9	(0.0)	28.5	9/29/19 13:45	28.6	41.4	(58.0)	11.9
9/29/19 1:00	(12.2)	11.9	0.0	(6.4)	9/29/19 14:00	26.7	(21.4)	0.8	5.6
9/29/19 1:15	22.9	(46.5)	(0.0)	(24.2)	9/29/19 14:15	48.9	(33.9)	2.5	20.7
9/29/19 1:30	(10.0)	15.4	0.0	7.3	9/29/19 14:30	26.6	(50.6)	(1.8)	(25.1)
9/29/19 1:45	(12.6)	11.8	0.0	2.9	9/29/19 14:45	33.9	(19.7)	1.3	15.0
9/29/19 2:00	(13.0)	3.2	0.1	(10.0)	9/29/19 15:00	31.0	(12.6)	0.8	20.8
9/29/19 2:15	(34.3)	29.7	0.0	(7.2)	9/29/19 15:15	21.3	7.6	0.5	27.9
9/29/19 2:30	13.2	5.0	0.0	13.5	9/29/19 15:30	(6.2)	7.5	(0.3)	(7.2)
9/29/19 2:45	14.6	(5.4)	0.0	14.6	9/29/19 15:45	30.6	10.6	0.5	41.7
9/29/19 3:00	6.7	(57.8)	(0.0)	(52.0)	9/29/19 16:00	8.4	4.1	1.3	10.5
9/29/19 3:15	(22.1)	16.9	0.0	(5.7)	9/29/19 16:15	52.7	(6.7)	1.9	50.0
9/29/19 3:30	12.5	(11.8)	(0.0)	3.3	9/29/19 16:30	27.9	12.1	2.9	41.7
9/29/19 3:45	6.3	(8.5)	(0.0)	(10.6)	9/29/19 16:45	34.0	(10.6)	6.0	30.8
9/29/19 4:00	(15.7)	8.7	0.0	(12.8)	9/29/19 17:00	11.0	(15.9)	7.1	(4.8)
9/29/19 4:15	14.7	(24.4)	(0.0)	(15.7)	9/29/19 17:15	19.9	(23.1)	15.4	12.1
9/29/19 4:30	2.1	(16.3)	(0.0)	(16.2)	9/29/19 17:30	25.1	9.7	22.5	51.3
9/29/19 4:45	(15.7)	19.2	(0.0)	(18.6)	9/29/19 17:45	(15.1)	5.0	20.7	11.3
9/29/19 5:00	19.6	(12.9)	0.0	19.7	9/29/19 18:00	14.9	(8.5)	16.9	21.7
9/29/19 5:15	13.6	(20.9)	0.0	(12.7)	9/29/19 18:15	(32.4)	(16.0)	11.8	(36.7)
9/29/19 5:30	(11.3)	(4.8)	(0.0)	(14.8)	9/29/19 18:30	(46.5)	(21.1)	4.1	(63.6)
9/29/19 5:45	22.2	(6.3)	0.0	15.9	9/29/19 18:45	10.8	(24.2)	0.9	(12.5)
9/29/19 6:00	16.8	(3.1)	(0.0)	14.7	9/29/19 19:00	17.2	(15.8)	0.1	4.1
9/29/19 6:15	(14.6)	20.9	0.0	16.0	9/29/19 19:15	(30.6)	(6.1)	(0.0)	(36.7)
9/29/19 6:30	27.7	(12.3)	0.0	17.6	9/29/19 19:30	11.5	(2.8)	(0.0)	10.2
9/29/19 6:45	4.0	(8.8)	0.0	(6.8)	9/29/19 19:45	(22.3)	(3.9)	0.0	(24.9)
9/29/19 7:00	(19.4)	39.1	(0.3)	21.9	9/29/19 20:00	(47.8)	2.5	(0.0)	(46.8)
9/29/19 7:15	(6.3)	15.2	(4.5)	11.2	9/29/19 20:15	(10.8)	15.6	(0.0)	16.4
9/29/19 7:30	18.1	(3.7)	(15.6)	(2.6)	9/29/19 20:30	(9.7)	18.9	(0.0)	11.2
9/29/19 7:45	15.3	(3.9)	(19.9)	(7.9)	9/29/19 20:45	(42.6)	49.7	0.0	9.6
9/29/19 8:00	18.5	22.2	(22.3)	18.4	9/29/19 21:00	(43.0)	25.5	(0.0)	(19.6)
9/29/19 8:15	27.4	10.1	(16.9)	20.6	9/29/19 21:15	(22.9)	(18.9)	(0.0)	(41.8)
9/29/19 8:30	13.3	(4.0)	(15.2)	(2.4)	9/29/19 21:30	(32.4)	(24.4)	0.0	(56.8)
9/29/19 8:45	14.0	(4.7)	(12.8)	(2.6)	9/29/19 21:45	(65.7)	(22.8)	0.0	(82.2)
9/29/19 9:00	11.6	11.2	(6.3)	16.6	9/29/19 22:00	(47.2)	103.5	(0.0)	57.2
9/29/19 9:15	25.7	(9.1)	(3.4)	13.2	9/29/19 22:15	(16.8)	22.2	(0.1)	25.0
9/29/19 9:30	15.0	(14.8)	(2.4)	(2.5)	9/29/19 22:30	38.0	(59.5)	0.1	(31.9)
9/29/19 9:45	14.0	(13.1)	(2.0)	(2.6)	9/29/19 22:45	(55.6)	34.6	0.0	(25.1)
9/29/19 10:00	13.3	(3.8)	(0.9)	11.7	9/29/19 23:00	(34.7)	29.7	0.0	(9.0)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
9/29/19 23:15	(23.6)	16.0	0.0	(7.6)	9/30/19 12:15	(22.1)	25.6	1.3	6.1
9/29/19 23:30	(32.4)	18.5	(0.0)	(13.9)	9/30/19 12:30	25.9	18.8	1.0	45.8
9/29/19 23:45	(16.3)	47.3	(0.0)	33.0	9/30/19 12:45	16.9	2.4	1.5	19.8
9/30/19 0:00	(27.8)	11.9	(0.0)	(17.1)	9/30/19 13:00	(14.7)	(11.9)	0.3	(22.8)
9/30/19 0:15	(30.3)	15.4	(0.0)	(14.9)	9/30/19 13:15	20.1	(25.7)	(0.4)	(8.4)
9/30/19 0:30	(14.0)	12.8	0.0	8.4	9/30/19 13:30	21.5	(23.4)	(0.8)	(8.2)
9/30/19 0:45	(10.3)	8.7	(0.0)	(3.6)	9/30/19 13:45	(8.2)	(29.6)	(0.5)	(31.5)
9/30/19 1:00	(24.6)	12.0	0.0	(12.6)	9/30/19 14:00	26.6	(57.2)	(0.5)	(35.3)
9/30/19 1:15	(19.8)	29.8	(0.0)	18.2	9/30/19 14:15	10.3	(52.4)	0.5	(41.8)
9/30/19 1:30	(12.5)	9.1	(0.0)	7.9	9/30/19 14:30	24.3	(5.4)	(0.8)	23.6
9/30/19 1:45	(16.9)	6.8	(0.0)	(10.8)	9/30/19 14:45	14.7	(22.5)	(1.6)	(19.9)
9/30/19 2:00	(26.5)	20.6	0.0	(6.7)	9/30/19 15:00	58.1	(45.1)	0.4	13.3
9/30/19 2:15	15.6	(11.3)	(0.0)	7.9	9/30/19 15:15	24.6	(11.2)	(1.0)	12.5
9/30/19 2:30	(6.8)	8.4	0.0	2.9	9/30/19 15:30	(28.6)	15.0	(0.5)	(16.8)
9/30/19 2:45	(41.2)	5.4	0.0	(36.9)	9/30/19 15:45	41.2	(27.5)	(0.3)	16.6
9/30/19 3:00	(7.5)	20.6	(0.0)	20.5	9/30/19 16:00	43.4	(28.1)	1.0	16.3
9/30/19 3:15	(5.4)	8.1	0.0	(10.9)	9/30/19 16:15	26.4	(26.9)	2.6	(3.6)
9/30/19 3:30	(5.6)	31.6	0.0	27.0	9/30/19 16:30	12.2	(8.8)	5.2	7.4
9/30/19 3:45	(1.4)	(3.2)	(0.0)	(3.3)	9/30/19 16:45	24.6	(33.5)	6.8	(3.8)
9/30/19 4:00	15.3	3.9	0.0	15.6	9/30/19 17:00	15.4	7.7	11.0	25.5
9/30/19 4:15	34.6	(31.9)	0.0	5.4	9/30/19 17:15	(43.2)	(11.1)	15.2	(36.0)
9/30/19 4:30	10.9	(26.8)	(0.0)	(16.6)	9/30/19 17:30	12.2	7.3	16.9	29.4
9/30/19 4:45	(14.8)	(11.9)	0.0	(12.7)	9/30/19 17:45	(4.6)	41.3	18.6	55.8
9/30/19 5:00	36.9	(21.2)	(0.0)	17.3	9/30/19 18:00	(27.9)	81.8	19.1	73.0
9/30/19 5:15	36.8	(35.5)	(0.0)	2.6	9/30/19 18:15	(50.9)	63.5	16.1	28.7
9/30/19 5:30	16.9	(27.2)	(0.0)	(11.6)	9/30/19 18:30	8.6	21.7	8.5	35.2
9/30/19 5:45	41.3	(21.4)	(0.0)	20.7	9/30/19 18:45	(10.0)	(61.1)	2.3	(59.8)
9/30/19 6:00	46.2	12.0	(0.1)	54.2	9/30/19 19:00	9.2	(92.4)	0.1	(86.9)
9/30/19 6:15	36.4	(3.4)	0.1	34.6	9/30/19 19:15	(33.4)	(70.1)	(0.0)	(101.4)
9/30/19 6:30	10.0	(7.6)	(0.0)	(5.4)	9/30/19 19:30	13.2	(23.1)	(0.0)	(14.1)
9/30/19 6:45	55.8	(40.5)	(0.0)	15.2	9/30/19 19:45	(13.9)	6.0	0.0	(9.4)
9/30/19 7:00	20.2	(9.6)	(0.1)	11.3	9/30/19 20:00	(53.3)	18.8	0.0	(34.5)
9/30/19 7:15	(24.9)	30.4	(4.4)	7.6	9/30/19 20:15	12.0	22.6	0.0	24.2
9/30/19 7:30	25.1	22.6	(15.4)	32.0	9/30/19 20:30	(16.9)	14.0	(0.0)	(5.4)
9/30/19 7:45	6.0	16.2	(19.7)	2.3	9/30/19 20:45	(49.7)	18.4	0.0	(38.3)
9/30/19 8:00	(19.0)	28.6	(22.0)	(14.4)	9/30/19 21:00	(27.7)	9.2	0.0	(27.3)
9/30/19 8:15	59.9	19.5	(21.3)	55.3	9/30/19 21:15	(14.8)	(12.0)	(0.0)	(25.9)
9/30/19 8:30	(41.7)	25.5	(20.3)	(36.5)	9/30/19 21:30	(40.1)	(19.0)	(0.0)	(59.1)
9/30/19 8:45	(49.5)	26.4	(14.3)	(37.4)	9/30/19 21:45	(50.3)	(3.3)	0.0	(52.8)
9/30/19 9:00	(43.9)	65.8	(5.7)	36.5	9/30/19 22:00	17.8	22.7	(0.0)	40.0
9/30/19 9:15	30.5	(16.3)	(2.2)	23.8	9/30/19 22:15	(24.9)	18.6	0.0	(6.4)
9/30/19 9:30	9.4	(12.1)	(0.8)	(5.5)	9/30/19 22:30	(33.1)	61.8	0.0	29.3
9/30/19 9:45	(27.6)	20.6	(1.1)	(8.5)	9/30/19 22:45	(41.7)	71.4	(0.0)	29.8
9/30/19 10:00	22.6	(16.6)	(0.2)	8.2	9/30/19 23:00	(30.8)	20.3	0.0	(13.5)
9/30/19 10:15	24.9	(33.9)	(0.5)	(9.4)	9/30/19 23:15	5.3	(11.9)	(0.0)	(9.0)
9/30/19 10:30	26.4	(8.9)	0.3	18.6	9/30/19 23:30	(30.5)	43.4	0.0	13.2
9/30/19 10:45	(3.7)	(14.3)	1.1	(14.4)	9/30/19 23:45	(12.5)	24.0	0.0	12.1
9/30/19 11:00	(18.1)	4.1	0.7	(16.0)	10/1/19 0:00	(23.7)	34.0	(0.0)	14.1
9/30/19 11:15	(10.1)	13.5	0.8	9.5	10/1/19 0:15	(55.2)	10.5	(0.0)	(51.3)
9/30/19 11:30	9.3	25.8	0.9	36.0	10/1/19 0:30	(8.6)	9.8	0.0	6.1
9/30/19 11:45	37.2	10.9	1.2	49.3	10/1/19 0:45	(13.4)	(18.2)	0.0	(31.3)
9/30/19 12:00	18.3	37.7	1.3	57.2	10/1/19 1:00	(39.3)	19.8	(0.0)	(21.5)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/1/19 1:15	(32.9)	37.8	(0.0)	14.3	10/1/19 14:15	11.5	(4.4)	(10.8)	(4.2)
10/1/19 1:30	12.6	6.5	0.0	18.9	10/1/19 14:30	(22.1)	(18.7)	(2.3)	(41.9)
10/1/19 1:45	8.0	25.6	(0.0)	31.5	10/1/19 14:45	20.7	(16.6)	9.1	15.4
10/1/19 2:00	(44.6)	39.7	(0.0)	(7.3)	10/1/19 15:00	6.6	(19.1)	(6.0)	(21.1)
10/1/19 2:15	(23.6)	42.6	(0.0)	19.1	10/1/19 15:15	6.8	(23.6)	5.7	(12.4)
10/1/19 2:30	(13.1)	33.3	0.0	20.2	10/1/19 15:30	(32.7)	(40.0)	22.4	(50.3)
10/1/19 2:45	6.8	16.3	0.0	23.1	10/1/19 15:45	32.1	(13.4)	30.3	51.3
10/1/19 3:00	(2.2)	54.1	0.0	53.8	10/1/19 16:00	15.1	(10.6)	(11.3)	(15.1)
10/1/19 3:15	3.8	30.2	0.0	32.9	10/1/19 16:15	7.3	(26.9)	(28.1)	(47.7)
10/1/19 3:30	3.2	(7.2)	(0.0)	(9.3)	10/1/19 16:30	(14.7)	8.5	25.8	34.1
10/1/19 3:45	2.3	47.5	0.0	47.9	10/1/19 16:45	22.0	11.7	15.4	48.4
10/1/19 4:00	5.3	19.7	0.0	25.0	10/1/19 17:00	13.2	(3.4)	8.8	19.8
10/1/19 4:15	(11.1)	14.9	0.0	6.5	10/1/19 17:15	(26.3)	(19.3)	8.9	(43.3)
10/1/19 4:30	(29.7)	17.4	0.0	(12.4)	10/1/19 17:30	31.8	9.4	(6.5)	39.0
10/1/19 4:45	(26.5)	33.4	(0.0)	11.6	10/1/19 17:45	25.9	22.7	(2.0)	47.3
10/1/19 5:00	29.6	2.1	0.0	30.1	10/1/19 18:00	11.5	24.1	19.5	52.8
10/1/19 5:15	66.3	3.1	0.0	69.5	10/1/19 18:15	(30.6)	5.4	12.8	(17.9)
10/1/19 5:30	32.8	6.2	(0.0)	39.1	10/1/19 18:30	34.2	(17.6)	7.5	24.5
10/1/19 5:45	37.4	(4.4)	0.0	33.7	10/1/19 18:45	14.7	(16.0)	1.9	2.7
10/1/19 6:00	18.4	14.0	(0.0)	32.4	10/1/19 19:00	(21.4)	2.4	0.2	(21.3)
10/1/19 6:15	88.1	27.9	0.0	116.0	10/1/19 19:15	(22.5)	(16.3)	(0.0)	(35.3)
10/1/19 6:30	45.6	38.5	(0.0)	84.0	10/1/19 19:30	(15.4)	6.5	(0.0)	(16.3)
10/1/19 6:45	39.1	29.5	(0.0)	68.6	10/1/19 19:45	(3.9)	7.6	0.0	9.5
10/1/19 7:00	9.2	(9.4)	(0.0)	(10.2)	10/1/19 20:00	(37.6)	14.3	0.0	(26.1)
10/1/19 7:15	12.2	(2.0)	(1.3)	10.0	10/1/19 20:15	16.4	(11.4)	(0.0)	8.9
10/1/19 7:30	23.4	14.0	(6.8)	30.6	10/1/19 20:30	(22.6)	(25.7)	0.0	(48.4)
10/1/19 7:45	(19.4)	5.9	(7.6)	(19.7)	10/1/19 20:45	(25.5)	(10.6)	(0.0)	(34.5)
10/1/19 8:00	17.1	15.9	(3.6)	29.5	10/1/19 21:00	(48.1)	1.0	0.0	(47.5)
10/1/19 8:15	(5.1)	12.8	(8.6)	6.0	10/1/19 21:15	(17.9)	16.2	0.0	(3.5)
10/1/19 8:30	(13.9)	(4.6)	(9.1)	(16.1)	10/1/19 21:30	(22.3)	22.1	0.0	11.5
10/1/19 8:45	17.2	15.0	(2.8)	23.7	10/1/19 21:45	(17.6)	20.8	(0.0)	15.9
10/1/19 9:00	10.9	11.1	(11.4)	10.3	10/1/19 22:00	(16.0)	15.0	(0.0)	7.9
10/1/19 9:15	12.4	13.7	(9.2)	16.8	10/1/19 22:15	(48.8)	(7.4)	(0.0)	(51.5)
10/1/19 9:30	(17.7)	(21.3)	2.2	(34.8)	10/1/19 22:30	(16.9)	10.2	0.0	(11.2)
10/1/19 9:45	13.9	(5.6)	(2.6)	6.9	10/1/19 22:45	(15.5)	(8.0)	0.0	(23.0)
10/1/19 10:00	22.2	29.7	(13.5)	38.1	10/1/19 23:00	(33.7)	11.4	(0.0)	(23.5)
10/1/19 10:15	(19.3)	13.8	(10.5)	(17.0)	10/1/19 23:15	(71.4)	38.6	0.0	(41.2)
10/1/19 10:30	17.5	7.3	3.2	25.5	10/1/19 23:30	(32.8)	43.3	(0.0)	14.6
10/1/19 10:45	9.3	2.8	(7.3)	6.5	10/1/19 23:45	(15.8)	19.1	(0.0)	5.3
10/1/19 11:00	(18.5)	15.4	(5.9)	(12.7)	10/2/19 0:00	18.4	4.9	(0.0)	21.4
10/1/19 11:15	14.4	10.9	4.8	27.1	10/2/19 0:15	(4.0)	(14.1)	(0.0)	(16.0)
10/1/19 11:30	4.0	5.6	(7.7)	(3.4)	10/2/19 0:30	(25.9)	41.3	0.0	17.4
10/1/19 11:45	6.1	4.5	(10.3)	(4.7)	10/2/19 0:45	(40.6)	17.4	0.0	(24.4)
10/1/19 12:00	(34.6)	(7.1)	12.5	(29.2)	10/2/19 1:00	25.0	7.2	(0.0)	30.4
10/1/19 12:15	28.8	(22.8)	(14.3)	(8.2)	10/2/19 1:15	(12.6)	19.0	(0.0)	6.8
10/1/19 12:30	(8.2)	(27.0)	11.6	(21.3)	10/2/19 1:30	(36.2)	8.3	(0.0)	(28.1)
10/1/19 12:45	12.4	(18.0)	(15.8)	(27.5)	10/2/19 1:45	(20.9)	(6.3)	0.0	(27.3)
10/1/19 13:00	(20.7)	(8.6)	3.9	(26.3)	10/2/19 2:00	(5.1)	4.8	(0.0)	(2.2)
10/1/19 13:15	23.0	2.2	(2.9)	21.9	10/2/19 2:15	6.6	6.4	0.0	12.8
10/1/19 13:30	(2.6)	(4.6)	1.7	(5.7)	10/2/19 2:30	(3.8)	(1.6)	0.0	(5.0)
10/1/19 13:45	(20.0)	(3.1)	1.4	(21.6)	10/2/19 2:45	9.0	17.3	0.1	21.5
10/1/19 14:00	17.9	2.3	11.4	25.5	10/2/19 3:00	23.7	21.6	0.1	45.4

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/2/19 3:15	3.7	14.0	(0.0)	15.4	10/2/19 16:15	17.9	(4.5)	1.3	15.6
10/2/19 3:30	(19.9)	10.3	0.0	(11.7)	10/2/19 16:30	12.6	(3.1)	2.5	13.0
10/2/19 3:45	20.4	6.2	(0.0)	26.6	10/2/19 16:45	30.5	(2.7)	5.1	32.9
10/2/19 4:00	14.7	7.6	0.0	22.3	10/2/19 17:00	34.2	1.2	11.9	47.1
10/2/19 4:15	(10.0)	10.7	(0.0)	10.2	10/2/19 17:15	21.7	4.1	18.1	44.0
10/2/19 4:30	19.4	6.5	(0.0)	25.9	10/2/19 17:30	(6.3)	5.7	21.9	26.6
10/2/19 4:45	(24.4)	(2.4)	0.0	(26.7)	10/2/19 17:45	37.9	(23.2)	21.1	37.2
10/2/19 5:00	6.3	7.2	(0.0)	11.3	10/2/19 18:00	(13.1)	(69.5)	19.6	(60.0)
10/2/19 5:15	44.3	7.9	0.0	52.0	10/2/19 18:15	(49.4)	(84.6)	15.5	(118.5)
10/2/19 5:30	31.0	2.6	(0.0)	33.0	10/2/19 18:30	18.7	(47.5)	6.5	(22.3)
10/2/19 5:45	40.5	2.4	(0.0)	42.9	10/2/19 18:45	28.1	(39.2)	1.5	(13.8)
10/2/19 6:00	61.9	0.5	(0.0)	62.0	10/2/19 19:00	22.8	12.5	0.0	34.4
10/2/19 6:15	73.1	9.8	0.0	82.9	10/2/19 19:15	(1.1)	18.5	0.0	18.2
10/2/19 6:30	45.4	4.9	0.0	50.3	10/2/19 19:30	(8.3)	21.4	0.0	13.5
10/2/19 6:45	14.1	5.2	0.0	19.3	10/2/19 19:45	(14.2)	24.9	(0.0)	10.7
10/2/19 7:00	28.0	4.9	0.0	32.1	10/2/19 20:00	(15.3)	10.7	0.0	(8.9)
10/2/19 7:15	18.7	(1.1)	(2.3)	15.4	10/2/19 20:15	(5.6)	9.5	0.0	7.0
10/2/19 7:30	16.4	(1.7)	(7.3)	12.1	10/2/19 20:30	(19.0)	22.0	(0.0)	6.6
10/2/19 7:45	(12.0)	(10.5)	(10.8)	(28.6)	10/2/19 20:45	(25.0)	(3.5)	0.0	(26.6)
10/2/19 8:00	22.0	2.5	(11.5)	10.7	10/2/19 21:00	(21.8)	(8.7)	0.0	(30.4)
10/2/19 8:15	(18.5)	3.6	(10.3)	(24.3)	10/2/19 21:15	(18.1)	(20.8)	0.1	(38.8)
10/2/19 8:30	(13.1)	0.9	(10.0)	(19.7)	10/2/19 21:30	(34.6)	(9.2)	0.0	(43.8)
10/2/19 8:45	7.4	(2.7)	(5.7)	(6.0)	10/2/19 21:45	(12.2)	(40.0)	(0.0)	(48.5)
10/2/19 9:00	(15.5)	8.0	(6.4)	(13.4)	10/2/19 22:00	22.9	(8.2)	(0.0)	18.4
10/2/19 9:15	(13.8)	8.1	(4.1)	12.7	10/2/19 22:15	(36.0)	(14.3)	0.0	(47.2)
10/2/19 9:30	7.5	(1.2)	(3.3)	6.9	10/2/19 22:30	(72.4)	(52.7)	0.0	(125.1)
10/2/19 9:45	6.7	6.2	(11.1)	(7.9)	10/2/19 22:45	(18.5)	(12.8)	(0.0)	(26.0)
10/2/19 10:00	11.8	(0.5)	(6.4)	(8.6)	10/2/19 23:00	(14.0)	44.0	(0.0)	30.0
10/2/19 10:15	5.5	(2.7)	(8.0)	(12.6)	10/2/19 23:15	(57.5)	60.2	0.0	5.8
10/2/19 10:30	(10.3)	(3.5)	(15.0)	(25.5)	10/2/19 23:30	(31.5)	71.1	(0.0)	40.0
10/2/19 10:45	(11.0)	1.8	(8.2)	(16.5)	10/2/19 23:45	(27.1)	61.4	(0.0)	34.3
10/2/19 11:00	2.1	0.7	(9.1)	(9.1)	10/3/19 0:00	(12.0)	54.6	(0.0)	46.3
10/2/19 11:15	(14.4)	(6.4)	2.0	(20.0)	10/3/19 0:15	9.9	52.8	(0.0)	59.3
10/2/19 11:30	(30.4)	(7.7)	1.5	(36.2)	10/3/19 0:30	(14.3)	58.1	0.0	43.8
10/2/19 11:45	(9.0)	(8.8)	1.9	(14.4)	10/3/19 0:45	10.0	21.8	(0.0)	31.1
10/2/19 12:00	(2.3)	(22.0)	4.0	(20.3)	10/3/19 1:00	(11.8)	19.5	(0.0)	8.7
10/2/19 12:15	(50.9)	(14.0)	0.6	(64.5)	10/3/19 1:15	(24.7)	14.4	0.0	(14.4)
10/2/19 12:30	(10.5)	(6.9)	(1.7)	(17.5)	10/3/19 1:30	(25.4)	17.6	(0.0)	(16.2)
10/2/19 12:45	(4.5)	(12.6)	(2.4)	(17.7)	10/3/19 1:45	7.8	29.2	(0.0)	30.9
10/2/19 13:00	27.2	(12.6)	0.8	16.5	10/3/19 2:00	(35.1)	5.6	0.0	(33.2)
10/2/19 13:15	(2.6)	(18.5)	(0.4)	(20.9)	10/3/19 2:15	(51.2)	1.1	0.1	(50.4)
10/2/19 13:30	(23.8)	(22.7)	0.4	(45.8)	10/3/19 2:30	22.8	3.6	0.1	25.6
10/2/19 13:45	13.1	(24.5)	(0.6)	(19.4)	10/3/19 2:45	1.9	0.8	0.0	2.5
10/2/19 14:00	9.2	(23.1)	(0.6)	(16.5)	10/3/19 3:00	(27.8)	10.9	0.0	(18.4)
10/2/19 14:15	(11.1)	(18.1)	(0.9)	(20.8)	10/3/19 3:15	32.9	9.4	(0.0)	42.3
10/2/19 14:30	14.9	(12.8)	(0.7)	(24.8)	10/3/19 3:30	3.3	10.7	(0.0)	14.0
10/2/19 14:45	21.3	(10.7)	(0.3)	13.7	10/3/19 3:45	(16.7)	10.1	0.0	(9.9)
10/2/19 15:00	(7.8)	(24.7)	(0.2)	(28.7)	10/3/19 4:00	24.3	13.4	0.0	35.4
10/2/19 15:15	(14.2)	(20.9)	(0.4)	(30.2)	10/3/19 4:15	10.9	(4.6)	(0.0)	8.5
10/2/19 15:30	27.5	(3.7)	0.1	24.9	10/3/19 4:30	7.2	(9.1)	0.0	(8.3)
10/2/19 15:45	14.5	(5.7)	0.1	8.8	10/3/19 4:45	(14.8)	(1.7)	0.0	(14.2)
10/2/19 16:00	(22.4)	(12.3)	0.5	(34.2)	10/3/19 5:00	64.7	(3.9)	(0.0)	60.7

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/3/19 5:15	44.4	(9.8)	0.0	34.6	10/3/19 18:15	(28.8)	(28.1)	14.1	(42.7)
10/3/19 5:30	(9.0)	(21.4)	(0.0)	(22.8)	10/3/19 18:30	10.4	(16.3)	5.3	(10.0)
10/3/19 5:45	43.7	(21.3)	0.0	28.6	10/3/19 18:45	27.1	(5.7)	1.2	25.2
10/3/19 6:00	68.5	(26.5)	(0.0)	42.0	10/3/19 19:00	24.4	(29.9)	0.1	(12.5)
10/3/19 6:15	66.3	(27.3)	0.0	38.9	10/3/19 19:15	(11.7)	12.4	(0.1)	(7.8)
10/3/19 6:30	21.0	(31.2)	0.0	(13.6)	10/3/19 19:30	(14.1)	15.6	(0.0)	13.4
10/3/19 6:45	54.2	(30.5)	0.0	25.6	10/3/19 19:45	15.7	(16.9)	0.0	(6.7)
10/3/19 7:00	33.3	(28.4)	(0.1)	8.4	10/3/19 20:00	(12.4)	(3.8)	(0.0)	(15.5)
10/3/19 7:15	(11.9)	(14.7)	(1.2)	(19.1)	10/3/19 20:15	(29.2)	23.1	(0.0)	(7.9)
10/3/19 7:30	(23.2)	(7.8)	(6.8)	(31.7)	10/3/19 20:30	(13.4)	20.0	(0.0)	12.5
10/3/19 7:45	23.0	(12.5)	(10.3)	(6.0)	10/3/19 20:45	(29.8)	24.9	(0.0)	(8.3)
10/3/19 8:00	1.7	(11.1)	(10.9)	(20.9)	10/3/19 21:00	(50.4)	17.0	0.0	(33.3)
10/3/19 8:15	(40.9)	(16.4)	(10.4)	(67.6)	10/3/19 21:15	8.8	(15.1)	(0.0)	(10.1)
10/3/19 8:30	21.3	(19.4)	(11.8)	(13.1)	10/3/19 21:30	34.1	(36.5)	(0.0)	(11.6)
10/3/19 8:45	(9.9)	(40.9)	(7.3)	(53.4)	10/3/19 21:45	(31.2)	15.1	0.0	(16.1)
10/3/19 9:00	(9.1)	(58.7)	(5.0)	(72.8)	10/3/19 22:00	(57.3)	34.5	(0.0)	(27.2)
10/3/19 9:15	(30.2)	(49.2)	(2.7)	(81.4)	10/3/19 22:15	(12.4)	28.1	(0.0)	18.4
10/3/19 9:30	12.4	(46.3)	(5.0)	(38.9)	10/3/19 22:30	(31.6)	59.0	0.0	27.4
10/3/19 9:45	8.4	(47.6)	(11.8)	(58.2)	10/3/19 22:45	(58.4)	53.5	(0.0)	(7.3)
10/3/19 10:00	(6.1)	(50.8)	(6.0)	(60.5)	10/3/19 23:00	(22.5)	13.9	(0.0)	(8.9)
10/3/19 10:15	(20.8)	(45.7)	(5.7)	(70.8)	10/3/19 23:15	(52.6)	20.9	0.0	(31.7)
10/3/19 10:30	22.4	44.6	(3.0)	63.0	10/3/19 23:30	(48.3)	26.4	0.0	(21.8)
10/3/19 10:45	(4.3)	(41.8)	(2.6)	(44.5)	10/3/19 23:45	(15.3)	48.0	(0.0)	38.4
10/3/19 11:00	(27.3)	(13.4)	(3.5)	(41.1)	10/4/19 0:00	(9.1)	(33.9)	(0.0)	(41.8)
10/3/19 11:15	16.1	(46.8)	3.2	(32.6)	10/4/19 0:15	(43.1)	(25.8)	(0.0)	(60.6)
10/3/19 11:30	3.5	(49.5)	5.7	(40.5)	10/4/19 0:30	14.0	(15.5)	0.0	(4.1)
10/3/19 11:45	(18.3)	34.8	(2.6)	15.6	10/4/19 0:45	(14.7)	(7.0)	(0.0)	(21.8)
10/3/19 12:00	18.2	7.0	(5.8)	18.6	10/4/19 1:00	(27.3)	10.3	0.0	(22.9)
10/3/19 12:15	29.8	(10.4)	21.4	40.8	10/4/19 1:15	17.0	16.0	(0.0)	20.0
10/3/19 12:30	23.6	(29.5)	0.7	(13.1)	10/4/19 1:30	9.9	3.5	(0.0)	7.7
10/3/19 12:45	(14.6)	(9.4)	0.1	(19.0)	10/4/19 1:45	(6.8)	6.0	0.0	1.6
10/3/19 13:00	17.3	(15.5)	0.4	6.8	10/4/19 2:00	(40.0)	18.0	(0.0)	(22.0)
10/3/19 13:15	9.9	3.6	0.5	13.0	10/4/19 2:15	35.4	(16.3)	0.0	19.3
10/3/19 13:30	(10.1)	8.6	0.5	4.1	10/4/19 2:30	(9.6)	4.2	0.0	(6.1)
10/3/19 13:45	29.6	(32.5)	(0.2)	(7.2)	10/4/19 2:45	(13.0)	(5.5)	0.0	(12.8)
10/3/19 14:00	16.7	(12.1)	0.9	6.1	10/4/19 3:00	11.2	(5.7)	(0.0)	6.9
10/3/19 14:15	(12.3)	13.3	(0.5)	5.7	10/4/19 3:15	17.5	(17.7)	(0.0)	(5.6)
10/3/19 14:30	23.3	(11.0)	(0.4)	15.0	10/4/19 3:30	(10.5)	(13.3)	0.0	(17.8)
10/3/19 14:45	9.8	(5.2)	0.2	6.9	10/4/19 3:45	(17.6)	11.0	0.0	10.3
10/3/19 15:00	13.4	(16.6)	0.3	(7.2)	10/4/19 4:00	21.4	(15.7)	(0.0)	7.2
10/3/19 15:15	(23.9)	19.8	0.3	(4.9)	10/4/19 4:15	14.3	(8.6)	(0.0)	6.7
10/3/19 15:30	9.1	(8.9)	0.5	3.3	10/4/19 4:30	(16.3)	(3.8)	0.0	(17.6)
10/3/19 15:45	9.9	(5.5)	0.6	8.4	10/4/19 4:45	34.3	(18.3)	(0.0)	16.0
10/3/19 16:00	10.2	(10.9)	1.3	(3.2)	10/4/19 5:00	34.4	(32.8)	0.0	5.6
10/3/19 16:15	11.0	(12.8)	(6.4)	(7.8)	10/4/19 5:15	7.1	(37.3)	0.0	(34.5)
10/3/19 16:30	7.2	26.0	(41.4)	(12.0)	10/4/19 5:30	23.2	6.9	(0.0)	27.4
10/3/19 16:45	18.3	(20.2)	5.0	7.9	10/4/19 5:45	23.6	(85.4)	0.0	(61.8)
10/3/19 17:00	9.5	(23.1)	12.2	5.5	10/4/19 6:00	79.7	(25.6)	(0.0)	55.7
10/3/19 17:15	13.9	(30.2)	18.2	5.7	10/4/19 6:15	76.5	(45.2)	(0.0)	31.3
10/3/19 17:30	45.5	(38.8)	21.3	29.4	10/4/19 6:30	30.1	(22.6)	0.1	8.4
10/3/19 17:45	20.9	(29.6)	21.5	13.2	10/4/19 6:45	19.2	4.0	(0.0)	22.7
10/3/19 18:00	8.4	(57.8)	18.8	(34.7)	10/4/19 7:00	17.6	(19.3)	(0.1)	(3.8)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/4/19 7:15	(14.4)	(19.9)	(1.8)	(16.4)	10/4/19 20:15	(23.1)	30.9	(0.0)	10.6
10/4/19 7:30	(18.8)	72.7	(5.3)	64.2	10/4/19 20:30	(21.1)	32.9	(0.0)	13.4
10/4/19 7:45	18.6	23.3	(5.8)	34.3	10/4/19 20:45	(20.3)	25.7	0.0	8.7
10/4/19 8:00	(5.0)	14.0	(3.6)	12.9	10/4/19 21:00	(27.8)	(44.2)	0.0	(70.6)
10/4/19 8:15	(34.0)	8.8	(22.1)	(47.3)	10/4/19 21:15	(5.1)	(41.9)	0.0	(42.4)
10/4/19 8:30	(6.3)	5.1	12.9	11.5	10/4/19 21:30	(21.1)	(18.7)	0.0	(39.7)
10/4/19 8:45	(7.8)	23.3	(22.3)	(22.9)	10/4/19 21:45	(36.8)	14.5	0.0	(26.1)
10/4/19 9:00	(8.3)	43.6	3.3	37.5	10/4/19 22:00	(8.7)	(26.9)	(0.0)	(25.1)
10/4/19 9:15	7.6	8.1	3.3	14.8	10/4/19 22:15	(21.7)	30.2	(0.0)	12.0
10/4/19 9:30	(4.0)	(3.0)	11.5	7.4	10/4/19 22:30	(63.4)	88.2	0.0	24.8
10/4/19 9:45	6.2	7.9	6.9	18.8	10/4/19 22:45	(30.3)	31.5	(0.0)	11.3
10/4/19 10:00	12.4	13.1	(11.5)	14.2	10/4/19 23:00	12.8	16.0	0.0	26.0
10/4/19 10:15	(13.1)	(33.1)	(12.8)	(58.7)	10/4/19 23:15	(27.4)	25.7	(0.0)	(4.3)
10/4/19 10:30	(17.6)	83.0	(29.7)	43.0	10/4/19 23:30	(38.3)	15.5	0.0	(31.1)
10/4/19 10:45	11.2	26.2	(14.4)	22.0	10/4/19 23:45	(21.0)	36.0	(0.0)	19.6
10/4/19 11:00	5.8	14.6	(19.0)	(28.0)	10/5/19 0:00	(18.4)	22.2	(0.0)	6.6
10/4/19 11:15	9.3	22.0	21.3	52.1	10/5/19 0:15	(27.1)	36.7	(0.0)	10.1
10/4/19 11:30	2.5	13.3	(20.9)	(6.4)	10/5/19 0:30	(24.8)	25.7	(0.0)	11.5
10/4/19 11:45	6.4	(33.3)	15.8	(15.8)	10/5/19 0:45	8.4	(15.0)	(0.0)	(13.9)
10/4/19 12:00	3.0	(22.6)	(9.5)	(28.1)	10/5/19 1:00	(16.8)	(11.4)	(0.0)	(28.1)
10/4/19 12:15	10.0	(37.5)	18.4	(10.1)	10/5/19 1:15	(32.2)	19.9	0.0	(15.2)
10/4/19 12:30	8.7	(51.0)	35.4	(12.6)	10/5/19 1:30	10.3	(5.2)	(0.0)	(7.3)
10/4/19 12:45	(52.3)	11.1	(17.8)	(57.7)	10/5/19 1:45	(4.3)	10.1	(0.0)	7.5
10/4/19 13:00	(9.2)	(24.6)	(6.8)	(38.0)	10/5/19 2:00	(44.2)	45.7	0.0	6.0
10/4/19 13:15	5.6	32.6	(24.7)	25.0	10/5/19 2:15	(21.9)	31.3	0.0	12.7
10/4/19 13:30	26.8	25.8	15.1	49.4	10/5/19 2:30	27.1	(18.6)	(0.0)	9.7
10/4/19 13:45	21.9	(27.3)	(17.4)	(28.3)	10/5/19 2:45	4.2	7.7	0.0	5.8
10/4/19 14:00	13.0	5.6	(4.3)	14.2	10/5/19 3:00	(10.9)	(26.4)	(0.0)	(36.5)
10/4/19 14:15	8.7	6.8	11.2	19.7	10/5/19 3:15	11.6	17.9	(0.0)	29.5
10/4/19 14:30	19.4	(19.9)	(13.0)	(14.5)	10/5/19 3:30	6.6	7.5	(0.0)	13.8
10/4/19 14:45	16.4	(13.9)	(4.2)	(6.6)	10/5/19 3:45	5.8	3.9	0.0	9.2
10/4/19 15:00	10.1	1.7	11.3	16.6	10/5/19 4:00	(16.0)	(11.4)	(0.0)	(18.6)
10/4/19 15:15	(23.3)	(12.5)	(2.0)	(31.3)	10/5/19 4:15	34.8	(33.0)	(0.0)	7.0
10/4/19 15:30	37.3	(9.1)	(11.1)	19.7	10/5/19 4:30	9.5	(15.5)	0.0	(6.4)
10/4/19 15:45	9.1	9.8	4.6	23.0	10/5/19 4:45	(22.5)	19.0	(0.0)	(5.0)
10/4/19 16:00	(13.4)	(16.4)	10.0	(17.0)	10/5/19 5:00	25.0	(23.8)	0.0	3.4
10/4/19 16:15	24.4	(25.2)	4.7	(5.6)	10/5/19 5:15	20.4	(29.1)	(0.0)	(9.2)
10/4/19 16:30	19.1	(13.4)	8.1	12.2	10/5/19 5:30	(22.0)	15.3	(0.0)	(19.4)
10/4/19 16:45	(14.0)	(5.1)	6.9	(13.7)	10/5/19 5:45	39.2	(12.5)	(0.0)	28.4
10/4/19 17:00	16.4	(12.4)	9.5	13.1	10/5/19 6:00	21.6	24.3	(0.0)	45.8
10/4/19 17:15	6.2	(6.5)	8.2	8.9	10/5/19 6:15	(30.0)	(27.0)	(0.0)	(56.4)
10/4/19 17:30	(10.6)	(6.9)	13.9	9.8	10/5/19 6:30	46.1	(66.8)	0.0	(20.7)
10/4/19 17:45	14.0	(8.6)	21.1	26.5	10/5/19 6:45	10.5	12.5	0.0	20.0
10/4/19 18:00	(7.1)	(0.9)	18.0	15.3	10/5/19 7:00	(10.5)	(15.8)	(0.1)	(26.1)
10/4/19 18:15	(37.2)	(3.1)	13.2	(25.9)	10/5/19 7:15	27.1	22.7	(2.7)	40.5
10/4/19 18:30	17.6	(8.4)	4.6	16.1	10/5/19 7:30	(11.8)	66.0	(10.6)	50.5
10/4/19 18:45	21.0	2.9	0.6	23.8	10/5/19 7:45	12.1	13.9	(16.0)	9.9
10/4/19 19:00	(20.5)	9.4	0.1	20.7	10/5/19 8:00	22.7	13.2	(18.9)	17.0
10/4/19 19:15	(15.7)	2.5	(0.0)	(13.4)	10/5/19 8:15	60.9	(16.1)	(22.5)	25.3
10/4/19 19:30	(6.5)	(2.9)	0.0	(9.0)	10/5/19 8:30	(12.6)	(42.6)	(17.5)	(69.0)
10/4/19 19:45	(8.1)	2.4	(0.0)	(7.1)	10/5/19 8:45	36.6	(20.4)	(12.2)	21.1
10/4/19 20:00	(10.4)	8.4	(0.0)	6.7	10/5/19 9:00	23.0	(11.2)	(13.8)	17.2

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/5/19 9:15	(11.6)	18.7	(6.1)	16.2	10/5/19 22:15	(12.3)	29.8	(0.0)	18.2
10/5/19 9:30	(8.2)	37.6	(2.1)	31.0	10/5/19 22:30	(48.1)	28.1	(0.0)	(20.0)
10/5/19 9:45	(4.7)	36.3	(8.1)	23.7	10/5/19 22:45	(30.9)	21.7	0.0	(13.7)
10/5/19 10:00	(50.4)	28.6	(1.2)	(24.9)	10/5/19 23:00	(11.6)	(7.6)	0.0	(18.1)
10/5/19 10:15	(32.1)	47.9	(2.6)	24.4	10/5/19 23:15	(15.0)	16.4	(0.0)	6.0
10/5/19 10:30	(8.3)	15.6	3.3	14.6	10/5/19 23:30	(55.2)	9.1	(0.0)	(47.8)
10/5/19 10:45	(17.2)	5.2	2.6	(14.9)	10/5/19 23:45	(23.5)	11.5	(0.0)	(11.9)
10/5/19 11:00	(22.9)	25.1	1.5	10.6	10/6/19 0:00	(12.2)	27.9	(0.0)	25.8
10/5/19 11:15	(17.4)	(27.2)	3.8	(32.4)	10/6/19 0:15	19.6	(9.9)	0.0	10.6
10/5/19 11:30	(22.7)	11.9	(4.8)	(15.6)	10/6/19 0:30	(6.0)	16.5	(0.0)	13.4
10/5/19 11:45	(27.1)	15.6	1.8	(22.6)	10/6/19 0:45	7.8	(3.3)	0.0	(5.4)
10/5/19 12:00	13.7	44.1	1.6	55.3	10/6/19 1:00	(26.8)	(21.7)	(0.0)	(48.6)
10/5/19 12:15	10.4	20.7	0.6	31.3	10/6/19 1:15	21.0	(19.0)	0.0	10.5
10/5/19 12:30	(49.0)	57.8	0.9	10.2	10/6/19 1:30	(6.4)	10.4	(0.0)	5.1
10/5/19 12:45	5.0	47.1	(1.3)	47.1	10/6/19 1:45	(33.5)	34.8	0.0	10.3
10/5/19 13:00	(6.8)	37.6	2.5	34.5	10/6/19 2:00	(30.1)	7.0	(0.0)	(28.6)
10/5/19 13:15	(6.4)	20.4	(0.4)	13.7	10/6/19 2:15	(14.5)	18.2	0.0	5.3
10/5/19 13:30	24.7	10.4	(2.0)	32.2	10/6/19 2:30	12.7	(7.2)	0.0	10.1
10/5/19 13:45	(5.3)	8.5	1.3	6.6	10/6/19 2:45	3.8	(13.4)	0.0	(10.7)
10/5/19 14:00	(5.6)	40.6	(1.5)	35.2	10/6/19 3:00	(16.7)	9.8	(0.0)	(7.1)
10/5/19 14:15	(18.7)	15.8	(0.2)	(5.2)	10/6/19 3:15	(3.4)	6.1	(0.0)	7.0
10/5/19 14:30	31.2	11.2	(0.6)	41.0	10/6/19 3:30	(2.0)	10.2	0.0	8.6
10/5/19 14:45	7.2	37.7	(0.4)	42.1	10/6/19 3:45	(8.1)	40.9	0.0	33.0
10/5/19 15:00	(21.0)	34.8	(0.6)	20.0	10/6/19 4:00	6.8	28.5	(0.0)	34.7
10/5/19 15:15	21.1	31.6	(0.2)	42.6	10/6/19 4:15	(10.3)	74.9	0.0	74.5
10/5/19 15:30	22.7	26.4	0.4	49.5	10/6/19 4:30	(52.7)	69.2	0.0	22.3
10/5/19 15:45	15.9	17.0	0.3	31.0	10/6/19 4:45	(8.7)	(18.2)	0.0	(26.0)
10/5/19 16:00	(11.6)	(6.7)	1.6	(13.0)	10/6/19 5:00	57.5	45.9	(0.0)	103.4
10/5/19 16:15	19.7	(16.7)	2.4	6.7	10/6/19 5:15	6.7	22.3	0.0	27.6
10/5/19 16:30	22.9	(14.3)	3.3	12.0	10/6/19 5:30	(6.6)	2.3	(0.0)	(5.2)
10/5/19 16:45	13.7	(26.6)	6.9	(18.0)	10/6/19 5:45	10.6	1.6	(0.0)	10.7
10/5/19 17:00	28.8	(28.1)	13.2	17.7	10/6/19 6:00	18.7	9.2	0.0	27.4
10/5/19 17:15	2.8	(19.4)	19.0	3.4	10/6/19 6:15	8.7	(26.5)	(0.0)	(26.3)
10/5/19 17:30	(14.1)	(16.8)	21.4	(8.8)	10/6/19 6:30	(28.0)	(50.1)	0.0	(75.5)
10/5/19 17:45	56.0	(79.4)	20.3	(20.4)	10/6/19 6:45	17.3	(4.4)	0.0	13.2
10/5/19 18:00	32.3	(31.5)	16.1	22.1	10/6/19 7:00	6.8	(5.3)	0.0	5.4
10/5/19 18:15	(8.7)	(50.9)	12.0	(47.5)	10/6/19 7:15	(3.5)	30.6	(2.0)	26.8
10/5/19 18:30	12.9	(37.5)	4.1	(30.3)	10/6/19 7:30	6.2	15.5	(9.5)	14.2
10/5/19 18:45	37.1	(33.8)	0.9	7.8	10/6/19 7:45	6.3	6.3	(17.1)	(6.8)
10/5/19 19:00	25.3	(42.5)	(0.0)	(18.5)	10/6/19 8:00	12.3	35.2	(20.5)	27.0
10/5/19 19:15	(27.5)	(38.3)	(0.0)	(65.8)	10/6/19 8:15	15.8	8.9	(22.5)	7.4
10/5/19 19:30	19.1	(33.4)	0.0	(21.5)	10/6/19 8:30	1.6	(11.6)	(21.0)	(32.1)
10/5/19 19:45	(6.4)	(20.6)	0.0	(22.7)	10/6/19 8:45	(11.1)	(55.7)	(14.5)	(81.2)
10/5/19 20:00	(25.4)	(3.8)	0.0	(28.6)	10/6/19 9:00	(5.6)	(31.2)	9.2	(24.5)
10/5/19 20:15	(26.6)	(13.5)	(0.0)	(35.7)	10/6/19 9:15	8.9	(40.4)	24.1	(10.3)
10/5/19 20:30	18.3	(15.7)	(0.0)	(7.9)	10/6/19 9:30	8.5	(24.5)	(1.7)	(18.8)
10/5/19 20:45	(7.9)	(3.8)	(0.0)	(11.4)	10/6/19 9:45	5.9	23.1	(1.4)	27.5
10/5/19 21:00	(30.8)	(30.1)	0.0	(60.9)	10/6/19 10:00	11.9	57.7	(43.9)	25.7
10/5/19 21:15	12.3	(45.0)	0.0	(39.8)	10/6/19 10:15	5.5	34.2	(10.0)	29.6
10/5/19 21:30	(13.7)	(37.0)	(0.0)	(50.8)	10/6/19 10:30	(2.7)	10.6	(0.6)	7.7
10/5/19 21:45	6.1	(10.2)	(0.0)	(10.7)	10/6/19 10:45	1.8	14.2	13.8	28.1
10/5/19 22:00	(4.6)	32.5	(0.0)	30.7	10/6/19 11:00	1.9	6.1	(9.7)	(6.8)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/6/19 11:15	(2.1)	(18.3)	(3.6)	(21.7)	10/7/19 0:15	(16.9)	(10.2)	(0.0)	(27.1)
10/6/19 11:30	3.7	(24.6)	1.0	(22.3)	10/7/19 0:30	(16.9)	11.8	0.0	(8.0)
10/6/19 11:45	3.5	36.3	1.0	40.2	10/7/19 0:45	(12.2)	23.4	0.0	11.1
10/6/19 12:00	(2.5)	15.4	1.1	14.9	10/7/19 1:00	(9.7)	4.2	(0.0)	(5.7)
10/6/19 12:15	(3.3)	31.5	1.0	31.4	10/7/19 1:15	3.1	(1.2)	0.0	2.3
10/6/19 12:30	6.9	17.6	0.8	25.3	10/7/19 1:30	9.2	(11.6)	(0.0)	(5.1)
10/6/19 12:45	1.9	56.3	0.5	58.4	10/7/19 1:45	(1.1)	4.9	0.0	4.6
10/6/19 13:00	(4.1)	36.6	0.3	34.8	10/7/19 2:00	(4.0)	6.6	0.0	3.1
10/6/19 13:15	(17.9)	14.6	0.3	(3.8)	10/7/19 2:15	(5.6)	2.8	(0.0)	(3.4)
10/6/19 13:30	(6.6)	5.2	0.1	(4.2)	10/7/19 2:30	(5.6)	3.9	0.0	(5.2)
10/6/19 13:45	(0.9)	25.3	0.1	25.6	10/7/19 2:45	3.3	(19.5)	0.0	(16.3)
10/6/19 14:00	5.9	24.5	(0.4)	29.9	10/7/19 3:00	2.7	3.8	0.0	4.9
10/6/19 14:15	2.8	19.1	(0.5)	19.6	10/7/19 3:15	(7.0)	18.1	(0.0)	14.0
10/6/19 14:30	10.3	22.8	(0.9)	32.2	10/7/19 3:30	2.2	36.3	0.0	38.5
10/6/19 14:45	4.4	42.8	(0.2)	46.8	10/7/19 3:45	7.1	12.7	(0.0)	19.8
10/6/19 15:00	3.6	21.4	(0.1)	23.7	10/7/19 4:00	13.5	13.4	(0.0)	26.7
10/6/19 15:15	2.1	9.8	(0.1)	10.8	10/7/19 4:15	18.6	3.1	0.0	21.7
10/6/19 15:30	10.2	18.3	(0.1)	28.4	10/7/19 4:30	16.2	(19.6)	(0.0)	(8.6)
10/6/19 15:45	17.9	11.9	0.9	30.6	10/7/19 4:45	21.7	(36.3)	(0.0)	(15.6)
10/6/19 16:00	14.3	3.0	1.4	18.7	10/7/19 5:00	28.1	(30.7)	0.0	(5.5)
10/6/19 16:15	5.8	13.5	1.8	21.1	10/7/19 5:15	28.6	(11.9)	(0.0)	26.2
10/6/19 16:30	23.6	11.3	3.4	38.3	10/7/19 5:30	38.5	24.6	0.0	63.1
10/6/19 16:45	24.9	10.3	7.5	42.7	10/7/19 5:45	19.4	27.0	0.0	46.4
10/6/19 17:00	17.6	6.6	14.0	38.1	10/7/19 6:00	41.2	(10.4)	(0.0)	31.2
10/6/19 17:15	32.1	0.7	19.1	51.7	10/7/19 6:15	35.6	38.6	(0.0)	74.0
10/6/19 17:30	29.3	(2.1)	21.6	49.2	10/7/19 6:30	12.5	51.7	0.0	62.6
10/6/19 17:45	26.5	(5.9)	21.0	41.6	10/7/19 6:45	48.3	55.8	0.0	104.2
10/6/19 18:00	14.5	(7.5)	17.5	24.4	10/7/19 7:00	21.5	66.0	(0.1)	87.0
10/6/19 18:15	11.0	(13.3)	11.6	9.2	10/7/19 7:15	2.6	50.1	(2.3)	50.2
10/6/19 18:30	19.9	(24.2)	3.9	(1.6)	10/7/19 7:30	(2.9)	46.9	(9.9)	34.8
10/6/19 18:45	32.5	(23.6)	0.7	10.5	10/7/19 7:45	(6.2)	43.3	(18.5)	18.8
10/6/19 19:00	23.9	(22.2)	(0.0)	8.1	10/7/19 8:00	(9.1)	62.8	(21.6)	32.1
10/6/19 19:15	(10.8)	(27.2)	(0.0)	(37.5)	10/7/19 8:15	(9.7)	78.8	(22.0)	47.1
10/6/19 19:30	(7.2)	(41.3)	(0.0)	(48.5)	10/7/19 8:30	(14.9)	65.9	(22.5)	28.5
10/6/19 19:45	(9.4)	(70.7)	0.0	(80.1)	10/7/19 8:45	(10.3)	41.0	(16.2)	14.4
10/6/19 20:00	(17.0)	(59.4)	0.0	(76.3)	10/7/19 9:00	(6.7)	11.2	(8.7)	(4.0)
10/6/19 20:15	(7.0)	(53.9)	0.0	(60.9)	10/7/19 9:15	2.8	0.9	(2.7)	(2.6)
10/6/19 20:30	(10.7)	(56.0)	(0.0)	(66.6)	10/7/19 9:30	(12.0)	(6.5)	(1.9)	(20.4)
10/6/19 20:45	(22.5)	(40.2)	(0.0)	(62.7)	10/7/19 9:45	(7.1)	(8.2)	(1.3)	(16.6)
10/6/19 21:00	(11.7)	(43.1)	(0.0)	(54.5)	10/7/19 10:00	3.2	(4.2)	(0.5)	(2.5)
10/6/19 21:15	(16.1)	(25.3)	0.0	(41.4)	10/7/19 10:15	(4.6)	2.3	0.3	(2.5)
10/6/19 21:30	(34.0)	(21.4)	0.0	(55.3)	10/7/19 10:30	4.5	(2.4)	0.8	2.8
10/6/19 21:45	(32.6)	(43.8)	(0.0)	(76.4)	10/7/19 10:45	1.4	(8.4)	1.4	(6.7)
10/6/19 22:00	(36.9)	(37.3)	0.0	(74.2)	10/7/19 11:00	1.7	(12.3)	1.2	(9.9)
10/6/19 22:15	(32.7)	(42.7)	(0.0)	(75.4)	10/7/19 11:15	3.0	(6.2)	1.4	(4.3)
10/6/19 22:30	(33.7)	(42.0)	0.0	(75.7)	10/7/19 11:30	2.8	(5.7)	1.4	(6.2)
10/6/19 22:45	41.4	(49.1)	(0.0)	(11.4)	10/7/19 11:45	2.8	(10.5)	1.3	(7.3)
10/6/19 23:00	(16.3)	(13.1)	(0.0)	(28.0)	10/7/19 12:00	2.6	(4.2)	1.1	2.9
10/6/19 23:15	(14.2)	6.9	0.0	(11.5)	10/7/19 12:15	7.6	(9.3)	0.9	(3.6)
10/6/19 23:30	(8.8)	10.7	(0.0)	4.1	10/7/19 12:30	4.9	(13.0)	0.3	(8.3)
10/6/19 23:45	(16.4)	(8.0)	0.0	(24.5)	10/7/19 12:45	8.8	(11.3)	0.3	(3.1)
10/7/19 0:00	(20.6)	(14.4)	(0.0)	(34.1)	10/7/19 13:00	10.0	(6.1)	(0.3)	3.8

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/7/19 13:15	8.5	(1.9)	(0.3)	7.9	10/8/19 2:15	16.0	26.0	0.0	42.0
10/7/19 13:30	7.8	5.6	(0.2)	13.2	10/8/19 2:30	(3.4)	28.0	0.0	25.2
10/7/19 13:45	8.1	2.6	(0.7)	9.2	10/8/19 2:45	(2.2)	45.7	0.0	44.4
10/7/19 14:00	(3.5)	3.6	(0.5)	3.1	10/8/19 3:00	(1.9)	46.0	0.0	45.1
10/7/19 14:15	(6.9)	6.8	(0.1)	5.1	10/8/19 3:15	(6.8)	42.4	(0.0)	35.6
10/7/19 14:30	17.0	11.9	(0.1)	28.9	10/8/19 3:30	5.1	35.8	0.0	40.9
10/7/19 14:45	6.6	9.4	(0.6)	15.3	10/8/19 3:45	(2.3)	13.7	0.0	12.0
10/7/19 15:00	9.0	(5.9)	(0.3)	3.5	10/8/19 4:00	3.7	(11.0)	(0.0)	(10.2)
10/7/19 15:15	22.2	(1.5)	(0.1)	22.0	10/8/19 4:15	3.5	(26.4)	0.0	(24.0)
10/7/19 15:30	(5.1)	(12.5)	(0.1)	(15.1)	10/8/19 4:30	15.4	(26.3)	0.0	(11.0)
10/7/19 15:45	(9.9)	(10.8)	0.6	(19.8)	10/8/19 4:45	20.4	(49.0)	(0.0)	(28.6)
10/7/19 16:00	40.5	(9.2)	1.3	32.6	10/8/19 5:00	29.0	(32.1)	(0.0)	(8.3)
10/7/19 16:15	17.2	(13.5)	1.9	11.0	10/8/19 5:15	30.5	24.2	(0.0)	54.7
10/7/19 16:30	(2.3)	(37.4)	4.1	(35.2)	10/8/19 5:30	48.7	29.3	0.0	78.0
10/7/19 16:45	(7.8)	(27.7)	7.6	(27.8)	10/8/19 5:45	36.6	45.1	(0.0)	79.5
10/7/19 17:00	14.9	(36.4)	14.5	(7.1)	10/8/19 6:00	5.7	35.7	0.0	36.3
10/7/19 17:15	15.4	(58.4)	19.2	(23.8)	10/8/19 6:15	31.9	11.9	(0.0)	43.8
10/7/19 17:30	14.1	(37.0)	21.1	(5.7)	10/8/19 6:30	46.7	7.3	(0.0)	54.0
10/7/19 17:45	15.9	(22.4)	20.3	13.9	10/8/19 6:45	40.6	5.8	0.0	44.2
10/7/19 18:00	(10.1)	1.8	16.8	15.1	10/8/19 7:00	24.0	(19.0)	(0.0)	5.0
10/7/19 18:15	(24.3)	(6.0)	10.3	(20.0)	10/8/19 7:15	17.6	(18.0)	(1.9)	(4.6)
10/7/19 18:30	14.6	(20.9)	3.2	(4.1)	10/8/19 7:30	2.4	(8.3)	(8.9)	(15.7)
10/7/19 18:45	27.4	(21.1)	0.4	6.8	10/8/19 7:45	(7.1)	(4.8)	(18.4)	(27.4)
10/7/19 19:00	18.2	(30.2)	(0.0)	(12.4)	10/8/19 8:00	9.0	(8.5)	(21.2)	(21.1)
10/7/19 19:15	(18.9)	(15.0)	0.0	(33.9)	10/8/19 8:15	(4.8)	(3.5)	(21.2)	(25.3)
10/7/19 19:30	(27.8)	(24.4)	(0.0)	(52.2)	10/8/19 8:30	4.0	23.8	(21.0)	6.7
10/7/19 19:45	(12.4)	(26.4)	0.0	(38.8)	10/8/19 8:45	(2.6)	31.4	(15.6)	13.8
10/7/19 20:00	(4.8)	(13.5)	0.0	(14.7)	10/8/19 9:00	(2.0)	38.2	(8.9)	27.8
10/7/19 20:15	10.9	(22.1)	(0.0)	(14.8)	10/8/19 9:15	3.3	24.0	(3.8)	23.4
10/7/19 20:30	(23.6)	(4.4)	(0.0)	(23.6)	10/8/19 9:30	(2.5)	(2.9)	0.8	(5.3)
10/7/19 20:45	(32.4)	16.5	0.0	(16.0)	10/8/19 9:45	2.9	(1.2)	6.7	10.5
10/7/19 21:00	(29.8)	(13.6)	0.0	(43.2)	10/8/19 10:00	(8.3)	6.1	(8.5)	(9.2)
10/7/19 21:15	(19.5)	(4.5)	(0.0)	(24.0)	10/8/19 10:15	(15.9)	30.0	7.6	21.2
10/7/19 21:30	(40.7)	(3.7)	0.0	(44.4)	10/8/19 10:30	(6.8)	15.9	(8.6)	2.3
10/7/19 21:45	(33.9)	(8.5)	0.0	(42.4)	10/8/19 10:45	2.3	10.9	3.1	13.6
10/7/19 22:00	(27.2)	(8.7)	0.0	(35.9)	10/8/19 11:00	(6.4)	9.4	5.8	9.4
10/7/19 22:15	(10.9)	(12.0)	(0.0)	(20.5)	10/8/19 11:15	(2.5)	8.9	(6.0)	3.5
10/7/19 22:30	(10.0)	(56.0)	(0.0)	(59.0)	10/8/19 11:30	(5.4)	3.2	(2.2)	(5.7)
10/7/19 22:45	(33.6)	(25.7)	0.0	(48.8)	10/8/19 11:45	3.8	(5.8)	2.0	1.5
10/7/19 23:00	(21.2)	19.0	(0.0)	(13.4)	10/8/19 12:00	6.6	1.4	23.6	30.8
10/7/19 23:15	(21.9)	(5.4)	0.0	(27.3)	10/8/19 12:15	14.2	(6.7)	26.0	34.2
10/7/19 23:30	(27.0)	21.3	(0.0)	(7.8)	10/8/19 12:30	4.6	(2.3)	0.5	4.3
10/7/19 23:45	(12.7)	39.5	0.0	27.5	10/8/19 12:45	6.2	(5.7)	0.4	4.5
10/8/19 0:00	(6.7)	12.8	(0.0)	8.9	10/8/19 13:00	7.6	(17.1)	0.2	(10.0)
10/8/19 0:15	(15.0)	(38.0)	(0.0)	(52.0)	10/8/19 13:15	3.3	(10.2)	0.5	(8.8)
10/8/19 0:30	(19.5)	45.6	0.0	26.1	10/8/19 13:30	11.1	6.3	0.1	17.5
10/8/19 0:45	(30.6)	40.2	0.0	9.6	10/8/19 13:45	12.2	6.2	0.1	18.5
10/8/19 1:00	(23.6)	44.6	(0.0)	23.0	10/8/19 14:00	13.1	(5.0)	(0.2)	9.0
10/8/19 1:15	(42.9)	34.7	0.0	(12.2)	10/8/19 14:15	19.4	3.6	(0.2)	22.4
10/8/19 1:30	(10.1)	26.5	(0.0)	16.4	10/8/19 14:30	10.4	8.9	0.2	19.5
10/8/19 1:45	(2.5)	26.3	0.0	23.8	10/8/19 14:45	7.6	5.3	(0.1)	12.2
10/8/19 2:00	(3.7)	36.8	(0.0)	34.9	10/8/19 15:00	(19.6)	9.2	(0.6)	(11.7)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/8/19 15:15	11.5	6.5	(0.5)	17.2	10/9/19 4:15	26.6	(8.5)	0.0	18.5
10/8/19 15:30	26.9	(2.5)	(0.3)	25.4	10/9/19 4:30	17.3	(28.9)	(0.0)	(11.6)
10/8/19 15:45	3.7	8.9	1.6	11.9	10/9/19 4:45	18.4	(19.7)	0.0	(3.9)
10/8/19 16:00	7.7	1.3	17.6	24.7	10/9/19 5:00	24.7	(31.1)	0.0	(6.5)
10/8/19 16:15	6.2	1.9	18.3	22.9	10/9/19 5:15	28.0	(40.7)	0.0	(13.1)
10/8/19 16:30	15.2	(6.7)	12.4	21.2	10/9/19 5:30	38.4	(23.5)	(0.0)	14.8
10/8/19 16:45	5.8	(21.6)	0.7	(15.7)	10/9/19 5:45	40.9	(23.6)	0.0	17.3
10/8/19 17:00	9.7	(24.4)	(8.8)	(23.4)	10/9/19 6:00	19.4	(6.1)	(0.0)	14.4
10/8/19 17:15	12.8	(23.1)	8.5	(6.0)	10/9/19 6:15	25.1	13.3	(0.0)	37.9
10/8/19 17:30	25.2	(23.6)	(3.9)	(7.4)	10/9/19 6:30	48.8	9.1	0.0	57.9
10/8/19 17:45	3.7	(34.2)	7.5	(23.3)	10/9/19 6:45	43.9	7.0	0.0	50.9
10/8/19 18:00	(10.5)	(55.6)	6.0	(57.0)	10/9/19 7:00	18.7	8.4	(0.1)	26.8
10/8/19 18:15	(27.3)	(83.9)	5.8	(105.4)	10/9/19 7:15	(7.7)	3.3	(1.2)	(8.4)
10/8/19 18:30	7.7	(44.4)	2.3	(38.0)	10/9/19 7:30	16.0	15.5	(3.0)	28.4
10/8/19 18:45	31.4	(24.4)	0.2	7.2	10/9/19 7:45	5.8	4.3	(10.0)	(2.2)
10/8/19 19:00	10.0	(5.8)	0.0	5.3	10/9/19 8:00	(14.2)	22.6	(9.7)	(2.6)
10/8/19 19:15	(8.0)	(11.3)	0.0	(19.2)	10/9/19 8:15	30.9	27.0	(4.9)	53.0
10/8/19 19:30	(13.4)	(5.7)	(0.0)	(18.0)	10/9/19 8:30	17.5	26.7	(14.2)	30.0
10/8/19 19:45	(25.3)	12.3	(0.0)	(13.1)	10/9/19 8:45	(4.1)	28.1	(7.8)	16.2
10/8/19 20:00	(26.9)	18.8	(0.0)	(13.2)	10/9/19 9:00	(5.9)	34.4	(2.9)	25.9
10/8/19 20:15	(6.2)	17.2	0.0	13.1	10/9/19 9:15	(26.3)	26.3	(2.1)	(3.5)
10/8/19 20:30	(20.8)	20.0	(0.0)	(2.8)	10/9/19 9:30	(24.8)	14.2	(5.8)	(16.4)
10/8/19 20:45	(24.0)	4.9	0.0	(19.2)	10/9/19 9:45	(20.6)	4.5	(2.1)	(17.2)
10/8/19 21:00	(23.5)	1.0	0.0	(23.1)	10/9/19 10:00	11.0	2.5	2.3	15.2
10/8/19 21:15	(18.7)	6.1	(0.0)	(13.9)	10/9/19 10:15	(7.7)	(9.0)	(4.5)	(18.5)
10/8/19 21:30	(39.8)	28.3	(0.0)	(11.6)	10/9/19 10:30	(9.3)	(7.3)	(7.4)	(22.7)
10/8/19 21:45	(41.1)	24.5	0.0	(16.8)	10/9/19 10:45	9.0	6.1	1.1	16.0
10/8/19 22:00	(41.3)	32.0	0.0	(9.6)	10/9/19 11:00	11.1	2.1	0.6	13.1
10/8/19 22:15	(46.0)	19.3	0.0	(26.7)	10/9/19 11:15	17.0	(3.8)	1.7	15.2
10/8/19 22:30	(40.4)	35.7	(0.0)	(6.8)	10/9/19 11:30	13.0	(7.0)	(1.0)	8.4
10/8/19 22:45	(24.5)	32.5	0.0	8.0	10/9/19 11:45	(3.2)	(20.7)	3.0	(20.5)
10/8/19 23:00	(35.5)	24.9	0.0	(10.6)	10/9/19 12:00	(7.1)	(37.2)	(2.9)	(46.6)
10/8/19 23:15	(28.3)	14.1	(0.0)	(14.1)	10/9/19 12:15	(4.8)	(32.1)	2.4	(33.7)
10/8/19 23:30	(29.6)	5.3	(0.0)	(24.2)	10/9/19 12:30	4.9	(43.0)	(2.4)	(40.4)
10/8/19 23:45	(23.2)	8.0	0.0	(15.2)	10/9/19 12:45	15.0	(53.7)	0.5	(38.2)
10/9/19 0:00	(21.9)	3.3	(0.0)	(19.2)	10/9/19 13:00	17.0	(42.0)	2.9	(22.6)
10/9/19 0:15	14.2	1.2	(0.0)	15.1	10/9/19 13:15	10.0	(36.1)	(2.9)	(28.6)
10/9/19 0:30	(13.8)	8.1	(0.0)	(5.9)	10/9/19 13:30	9.5	(44.9)	0.1	(35.3)
10/9/19 0:45	(14.2)	8.3	0.0	(6.1)	10/9/19 13:45	11.3	(30.8)	4.3	(15.1)
10/9/19 1:00	7.6	(3.6)	(0.0)	(6.9)	10/9/19 14:00	(2.2)	(29.5)	(4.5)	(35.4)
10/9/19 1:15	24.1	(6.9)	0.0	17.5	10/9/19 14:15	14.3	(38.0)	0.9	(25.3)
10/9/19 1:30	(11.7)	5.0	(0.0)	(6.7)	10/9/19 14:30	25.6	(30.7)	(1.1)	(5.8)
10/9/19 1:45	(6.8)	0.3	0.0	(6.6)	10/9/19 14:45	22.0	(25.0)	(0.5)	(3.7)
10/9/19 2:00	(4.8)	7.7	(0.0)	4.5	10/9/19 15:00	10.9	(35.1)	(0.7)	(24.7)
10/9/19 2:15	(1.7)	4.9	0.0	5.7	10/9/19 15:15	6.9	(82.8)	(0.1)	(75.9)
10/9/19 2:30	(1.2)	(3.8)	0.0	(3.6)	10/9/19 15:30	5.2	(46.6)	0.2	(42.0)
10/9/19 2:45	(1.1)	(10.5)	0.0	(10.6)	10/9/19 15:45	9.0	(35.6)	1.2	(26.6)
10/9/19 3:00	(3.4)	(4.2)	0.0	(6.8)	10/9/19 16:00	(5.4)	(32.8)	4.7	(31.8)
10/9/19 3:15	(17.1)	12.8	(0.0)	(5.6)	10/9/19 16:15	5.3	(45.9)	(3.2)	(44.3)
10/9/19 3:30	(1.9)	3.0	0.0	1.7	10/9/19 16:30	(2.5)	(20.6)	4.6	(17.9)
10/9/19 3:45	5.3	(13.8)	(0.0)	(8.9)	10/9/19 16:45	7.9	(37.4)	5.2	(25.4)
10/9/19 4:00	14.9	(6.7)	0.0	9.5	10/9/19 17:00	(7.0)	(35.7)	6.9	(32.0)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/9/19 17:15	(3.7)	(59.7)	14.1	(47.7)	10/10/19 6:15	49.8	(14.2)	(0.0)	35.6
10/9/19 17:30	5.0	21.2	9.0	35.2	10/10/19 6:30	52.6	(5.2)	(0.0)	47.3
10/9/19 17:45	(8.9)	(24.2)	9.8	(23.3)	10/10/19 6:45	46.1	(1.4)	0.0	44.8
10/9/19 18:00	(10.9)	(16.3)	8.4	(18.5)	10/10/19 7:00	29.1	(2.4)	(0.0)	27.4
10/9/19 18:15	(37.9)	23.9	5.4	(10.0)	10/10/19 7:15	3.7	(13.2)	0.0	(10.6)
10/9/19 18:30	14.2	(23.8)	1.8	(9.5)	10/10/19 7:30	17.4	(12.0)	(1.7)	4.4
10/9/19 18:45	39.3	(72.4)	0.2	(33.0)	10/10/19 7:45	15.0	2.6	(7.2)	9.7
10/9/19 19:00	16.0	(27.2)	(0.0)	(15.4)	10/10/19 8:00	8.1	2.4	(8.3)	(12.3)
10/9/19 19:15	(14.8)	19.0	(0.0)	7.8	10/10/19 8:15	16.6	1.5	(8.6)	10.9
10/9/19 19:30	(13.6)	17.2	(0.0)	4.5	10/10/19 8:30	18.1	(10.0)	(9.6)	(5.6)
10/9/19 19:45	(27.2)	(11.3)	0.0	(37.7)	10/10/19 8:45	23.7	5.6	(8.0)	21.1
10/9/19 20:00	(13.8)	10.8	(0.0)	(12.7)	10/10/19 9:00	9.3	(4.9)	(4.3)	3.3
10/9/19 20:15	12.1	19.8	(0.0)	28.8	10/10/19 9:15	4.6	10.7	(2.6)	11.4
10/9/19 20:30	16.6	6.0	0.0	16.9	10/10/19 9:30	11.6	(5.5)	(4.3)	5.4
10/9/19 20:45	50.4	(33.1)	0.0	17.3	10/10/19 9:45	12.3	(20.0)	6.0	(6.7)
10/9/19 21:00	(15.3)	11.4	0.0	(4.1)	10/10/19 10:00	(43.2)	(5.9)	(3.1)	(50.6)
10/9/19 21:15	(34.2)	40.8	(0.0)	7.4	10/10/19 10:15	12.5	(8.8)	20.8	24.3
10/9/19 21:30	(33.4)	29.0	0.0	(5.8)	10/10/19 10:30	(3.0)	(3.2)	(10.8)	(14.5)
10/9/19 21:45	(43.4)	49.0	(0.0)	5.9	10/10/19 10:45	4.9	(5.3)	4.7	5.5
10/9/19 22:00	(31.8)	15.2	0.0	(16.9)	10/10/19 11:00	2.4	(10.9)	(6.2)	(13.0)
10/9/19 22:15	(41.7)	13.7	(0.0)	(28.0)	10/10/19 11:15	2.4	(27.2)	(1.8)	(28.0)
10/9/19 22:30	(32.2)	28.5	(0.0)	(4.2)	10/10/19 11:30	(2.7)	(6.0)	(4.5)	(12.7)
10/9/19 22:45	(30.6)	21.3	0.0	(9.5)	10/10/19 11:45	(1.9)	(5.4)	(2.1)	(8.1)
10/9/19 23:00	(23.5)	21.8	0.0	6.6	10/10/19 12:00	(12.6)	3.0	(4.4)	(14.5)
10/9/19 23:15	11.1	28.0	(0.0)	33.6	10/10/19 12:15	(8.5)	(14.0)	8.6	(14.3)
10/9/19 23:30	(22.2)	24.2	0.0	2.6	10/10/19 12:30	(37.5)	(6.4)	4.4	(41.2)
10/9/19 23:45	(22.4)	22.4	(0.0)	3.1	10/10/19 12:45	24.6	(18.6)	(7.2)	(34.5)
10/10/19 0:00	(13.9)	12.2	(0.0)	(3.6)	10/10/19 13:00	12.6	(2.2)	(3.8)	10.9
10/10/19 0:15	13.4	(9.0)	(0.0)	4.9	10/10/19 13:15	(11.1)	(10.0)	(4.1)	(22.0)
10/10/19 0:30	(11.8)	8.6	(0.0)	(4.7)	10/10/19 13:30	(12.2)	(3.1)	(3.7)	(17.9)
10/10/19 0:45	(4.2)	29.8	(0.0)	25.8	10/10/19 13:45	(13.8)	(12.3)	1.0	(25.0)
10/10/19 1:00	(9.0)	26.2	(0.0)	17.1	10/10/19 14:00	9.3	(5.6)	1.7	4.7
10/10/19 1:15	(11.3)	3.2	0.0	(9.8)	10/10/19 14:15	17.0	(14.1)	(1.5)	(6.6)
10/10/19 1:30	(13.0)	(2.5)	0.0	(15.0)	10/10/19 14:30	(7.2)	(7.2)	(1.8)	(15.4)
10/10/19 1:45	(12.0)	19.4	0.0	7.4	10/10/19 14:45	(5.7)	(17.6)	(5.1)	(27.0)
10/10/19 2:00	(6.1)	(14.6)	0.0	(18.1)	10/10/19 15:00	4.9	(6.6)	(8.2)	(10.3)
10/10/19 2:15	(6.8)	17.6	(0.0)	10.9	10/10/19 15:15	2.9	(8.2)	(5.4)	(13.1)
10/10/19 2:30	5.8	26.4	0.0	30.6	10/10/19 15:30	(1.4)	6.1	(2.5)	3.0
10/10/19 2:45	(5.5)	19.9	0.0	14.4	10/10/19 15:45	6.1	(2.7)	4.1	7.7
10/10/19 3:00	7.8	(19.3)	0.0	(12.7)	10/10/19 16:00	3.5	(7.3)	3.7	(1.7)
10/10/19 3:15	3.6	7.8	0.0	7.3	10/10/19 16:15	14.1	2.8	(3.4)	13.9
10/10/19 3:30	3.5	4.6	0.0	7.2	10/10/19 16:30	32.2	(5.6)	(4.2)	25.3
10/10/19 3:45	7.5	20.7	(0.0)	27.7	10/10/19 16:45	7.5	(5.4)	8.3	10.4
10/10/19 4:00	6.3	8.9	(0.0)	14.7	10/10/19 17:00	4.1	(1.2)	13.1	16.0
10/10/19 4:15	4.4	(4.3)	0.0	3.5	10/10/19 17:15	18.4	3.6	11.0	32.4
10/10/19 4:30	14.4	(6.6)	0.0	10.6	10/10/19 17:30	9.1	2.3	10.9	22.0
10/10/19 4:45	25.7	16.7	0.0	42.4	10/10/19 17:45	13.1	15.3	9.8	38.0
10/10/19 5:00	20.8	19.8	0.0	40.6	10/10/19 18:00	(10.8)	20.6	8.5	18.8
10/10/19 5:15	11.1	6.7	(0.0)	17.8	10/10/19 18:15	(7.3)	22.4	5.9	27.6
10/10/19 5:30	37.5	9.3	(0.0)	46.8	10/10/19 18:30	22.8	15.3	1.8	39.8
10/10/19 5:45	41.2	4.2	0.0	44.3	10/10/19 18:45	22.2	(3.9)	0.2	18.9
10/10/19 6:00	51.5	(18.6)	0.0	32.9	10/10/19 19:00	8.2	(6.1)	(0.0)	6.7

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/10/19 19:15	(10.7)	(3.8)	(0.0)	(14.4)	10/11/19 8:15	14.0	19.4	(21.3)	14.6
10/10/19 19:30	(9.0)	2.1	0.0	(7.9)	10/11/19 8:30	5.8	28.9	(24.9)	10.6
10/10/19 19:45	(11.5)	13.4	0.1	2.8	10/11/19 8:45	(11.7)	15.0	(23.3)	(20.0)
10/10/19 20:00	(12.8)	19.2	(0.0)	6.4	10/11/19 9:00	(8.2)	14.3	(11.6)	(8.3)
10/10/19 20:15	(5.1)	10.7	0.0	7.8	10/11/19 9:15	3.7	(11.3)	(3.8)	(14.0)
10/10/19 20:30	(22.3)	(15.0)	0.0	(36.9)	10/11/19 9:30	(12.0)	(39.2)	(2.1)	(53.2)
10/10/19 20:45	(24.2)	(12.6)	(0.0)	(36.0)	10/11/19 9:45	(24.0)	(11.2)	(1.2)	(36.3)
10/10/19 21:00	(25.9)	21.5	(0.0)	(5.2)	10/11/19 10:00	2.1	(16.9)	(0.4)	(15.9)
10/10/19 21:15	(20.9)	(6.7)	0.0	(24.6)	10/11/19 10:15	2.1	(5.9)	(0.3)	(5.6)
10/10/19 21:30	(18.5)	(10.6)	(0.0)	(29.1)	10/11/19 10:30	(1.6)	(6.3)	0.5	(6.6)
10/10/19 21:45	(36.3)	7.1	0.0	(30.0)	10/11/19 10:45	(5.5)	(27.2)	0.8	(31.5)
10/10/19 22:00	(37.2)	24.1	(0.0)	(15.0)	10/11/19 11:00	(11.3)	(42.1)	1.3	(52.1)
10/10/19 22:15	(30.2)	41.2	(0.0)	11.2	10/11/19 11:15	(10.4)	(15.1)	1.2	(24.3)
10/10/19 22:30	(39.6)	30.1	0.0	(9.5)	10/11/19 11:30	(18.3)	(32.3)	1.5	(49.1)
10/10/19 22:45	(38.7)	8.1	0.1	(31.6)	10/11/19 11:45	(12.5)	(30.4)	1.3	(41.6)
10/10/19 23:00	(22.6)	(17.4)	(0.0)	(40.0)	10/11/19 12:00	(19.7)	(14.3)	12.7	(21.2)
10/10/19 23:15	(5.7)	5.8	(0.1)	(7.6)	10/11/19 12:15	(22.1)	(14.6)	25.0	(10.5)
10/10/19 23:30	(16.8)	31.4	0.0	14.6	10/11/19 12:30	23.4	(8.0)	(28.7)	(13.3)
10/10/19 23:45	(21.6)	32.0	(0.0)	10.4	10/11/19 12:45	(11.4)	(4.3)	19.7	5.9
10/11/19 0:00	(17.8)	44.2	(0.0)	26.3	10/11/19 13:00	(18.0)	(5.0)	21.7	(5.9)
10/11/19 0:15	(16.7)	23.8	(0.0)	8.1	10/11/19 13:15	(15.2)	26.6	(16.7)	(13.0)
10/11/19 0:30	(12.5)	6.9	(0.0)	(6.0)	10/11/19 13:30	(3.6)	50.9	(28.8)	18.6
10/11/19 0:45	(12.9)	(24.6)	0.0	(37.4)	10/11/19 13:45	(21.9)	21.1	(0.8)	(2.7)
10/11/19 1:00	28.4	(5.9)	(0.0)	31.6	10/11/19 14:00	(16.5)	8.7	(0.5)	(10.7)
10/11/19 1:15	24.2	10.8	0.0	33.2	10/11/19 14:15	(14.4)	(7.4)	13.3	(10.1)
10/11/19 1:30	(23.0)	24.4	(0.0)	1.5	10/11/19 14:30	(13.3)	(29.6)	38.3	(4.6)
10/11/19 1:45	(7.4)	21.4	(0.0)	14.7	10/11/19 14:45	(11.5)	(4.9)	16.3	2.3
10/11/19 2:00	(6.1)	32.9	(0.0)	27.0	10/11/19 15:00	(8.3)	(5.3)	(0.5)	(13.9)
10/11/19 2:15	(2.8)	41.0	0.0	38.3	10/11/19 15:15	(7.2)	(12.2)	12.5	(8.5)
10/11/19 2:30	(1.9)	7.0	0.0	5.7	10/11/19 15:30	(3.1)	6.9	(12.0)	(8.7)
10/11/19 2:45	(3.5)	(5.8)	0.0	(9.2)	10/11/19 15:45	6.2	15.0	(10.2)	10.8
10/11/19 3:00	1.6	(7.1)	(0.0)	(6.6)	10/11/19 16:00	(1.9)	11.7	(10.0)	5.3
10/11/19 3:15	5.4	(10.3)	0.0	(5.4)	10/11/19 16:15	14.0	39.9	(21.2)	33.1
10/11/19 3:30	9.1	(6.2)	(0.0)	4.3	10/11/19 16:30	18.4	10.3	(26.6)	(5.0)
10/11/19 3:45	8.2	(4.2)	(0.0)	4.6	10/11/19 16:45	21.2	(48.8)	10.7	(16.9)
10/11/19 4:00	11.4	4.0	0.0	13.4	10/11/19 17:00	15.5	(79.5)	17.2	(46.9)
10/11/19 4:15	9.5	16.9	(0.0)	26.5	10/11/19 17:15	8.3	36.7	21.5	61.0
10/11/19 4:30	14.0	(5.9)	0.0	10.6	10/11/19 17:30	(7.4)	48.6	22.5	64.1
10/11/19 4:45	19.8	(3.3)	0.0	16.5	10/11/19 17:45	10.5	74.1	20.4	105.0
10/11/19 5:00	21.8	(3.2)	(0.0)	20.6	10/11/19 18:00	10.6	52.8	16.5	79.7
10/11/19 5:15	11.2	15.2	0.0	26.4	10/11/19 18:15	9.9	25.6	7.4	42.9
10/11/19 5:30	27.8	27.9	(0.0)	55.7	10/11/19 18:30	20.5	18.2	2.2	40.9
10/11/19 5:45	18.8	24.4	(0.0)	36.5	10/11/19 18:45	30.4	5.8	0.1	33.5
10/11/19 6:00	(13.2)	17.9	(0.0)	16.1	10/11/19 19:00	6.0	(16.3)	(0.0)	(12.8)
10/11/19 6:15	33.9	(5.8)	(0.0)	30.8	10/11/19 19:15	12.9	(19.2)	0.0	(8.2)
10/11/19 6:30	51.1	(18.5)	0.0	32.6	10/11/19 19:30	(9.7)	(14.8)	0.0	(24.5)
10/11/19 6:45	40.1	7.5	(0.0)	46.8	10/11/19 19:45	(8.0)	(5.3)	0.0	(11.7)
10/11/19 7:00	15.9	12.5	(0.0)	28.3	10/11/19 20:00	(10.3)	15.9	(0.0)	5.6
10/11/19 7:15	35.1	(11.4)	(1.1)	23.0	10/11/19 20:15	(13.7)	30.2	(0.0)	16.5
10/11/19 7:30	19.9	(8.4)	(6.5)	10.9	10/11/19 20:30	(13.6)	18.8	0.0	6.6
10/11/19 7:45	2.6	(15.2)	(14.8)	(28.2)	10/11/19 20:45	(12.8)	(10.9)	(0.0)	(22.7)
10/11/19 8:00	(14.7)	(29.5)	(19.2)	(63.3)	10/11/19 21:00	(20.0)	(11.2)	0.0	(31.2)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/11/19 21:15	(7.5)	(16.1)	0.0	(23.6)	10/12/19 10:15	(22.1)	(11.1)	0.5	(32.7)
10/11/19 21:30	(21.1)	(28.3)	0.0	(49.4)	10/12/19 10:30	(8.1)	(7.1)	1.7	(12.7)
10/11/19 21:45	(29.4)	(11.1)	(0.0)	(40.5)	10/12/19 10:45	(8.0)	6.0	1.1	(2.8)
10/11/19 22:00	(37.2)	(38.9)	(0.0)	(76.0)	10/12/19 11:00	(8.0)	2.9	0.9	(5.2)
10/11/19 22:15	(36.4)	(55.6)	0.0	(92.0)	10/12/19 11:15	3.2	15.8	1.3	19.9
10/11/19 22:30	(27.3)	(40.7)	(0.0)	(68.0)	10/12/19 11:30	(4.3)	11.8	1.7	11.0
10/11/19 22:45	(37.9)	(24.1)	(0.0)	(62.0)	10/12/19 11:45	(5.6)	3.2	1.5	(1.0)
10/11/19 23:00	(29.9)	(82.3)	(0.0)	(107.9)	10/12/19 12:00	(10.2)	(4.3)	1.6	(12.9)
10/11/19 23:15	29.9	(87.1)	0.0	(58.0)	10/12/19 12:15	(7.3)	(1.3)	0.5	(7.9)
10/11/19 23:30	20.2	(42.7)	0.0	(33.1)	10/12/19 12:30	(7.5)	(4.7)	0.5	(11.8)
10/11/19 23:45	14.5	8.4	(0.0)	17.6	10/12/19 12:45	(7.5)	(7.6)	0.1	(14.9)
10/12/19 0:00	(17.4)	27.1	(0.0)	10.0	10/12/19 13:00	(3.3)	2.6	(0.2)	(1.8)
10/12/19 0:15	(4.0)	15.9	0.0	12.5	10/12/19 13:15	(7.5)	(4.6)	(0.3)	(12.3)
10/12/19 0:30	(5.6)	16.9	0.0	14.8	10/12/19 13:30	(1.9)	(3.3)	(0.2)	(4.4)
10/12/19 0:45	6.2	17.9	0.0	24.1	10/12/19 13:45	(3.0)	1.3	(0.2)	(2.9)
10/12/19 1:00	(5.6)	(3.0)	(0.0)	(8.2)	10/12/19 14:00	(3.8)	(3.0)	(0.1)	(6.0)
10/12/19 1:15	(5.6)	(6.4)	0.0	(11.9)	10/12/19 14:15	(4.0)	(9.9)	(0.4)	(14.3)
10/12/19 1:30	(2.4)	12.5	(0.0)	12.4	10/12/19 14:30	(1.4)	(1.8)	(0.5)	(2.6)
10/12/19 1:45	5.3	21.2	(0.0)	25.7	10/12/19 14:45	2.9	2.8	(0.4)	2.7
10/12/19 2:00	(9.1)	12.8	0.0	4.0	10/12/19 15:00	7.8	(4.3)	(0.3)	3.8
10/12/19 2:15	(4.0)	(2.2)	(0.0)	(6.2)	10/12/19 15:15	10.0	3.7	0.3	13.6
10/12/19 2:30	1.2	(3.4)	0.0	2.4	10/12/19 15:30	7.4	2.5	0.1	9.5
10/12/19 2:45	6.4	(20.7)	0.0	(15.1)	10/12/19 15:45	9.2	(5.0)	0.7	5.4
10/12/19 3:00	(13.8)	34.8	0.0	20.9	10/12/19 16:00	8.9	(1.2)	2.0	11.4
10/12/19 3:15	(21.2)	20.3	0.0	(3.3)	10/12/19 16:15	6.0	(11.9)	2.3	(4.5)
10/12/19 3:30	(1.0)	4.5	(0.0)	5.1	10/12/19 16:30	19.5	(9.9)	4.3	14.1
10/12/19 3:45	5.2	18.2	0.0	22.7	10/12/19 16:45	18.1	2.3	10.0	29.6
10/12/19 4:00	12.9	54.5	(0.0)	67.4	10/12/19 17:00	18.0	6.0	15.6	39.5
10/12/19 4:15	12.0	53.9	(0.0)	65.9	10/12/19 17:15	4.8	18.1	20.5	43.1
10/12/19 4:30	(50.9)	34.8	0.0	(18.5)	10/12/19 17:30	14.7	7.6	21.4	43.5
10/12/19 4:45	6.6	63.7	(0.0)	66.9	10/12/19 17:45	10.8	(9.8)	19.2	20.2
10/12/19 5:00	5.6	67.8	0.0	72.9	10/12/19 18:00	11.0	(18.2)	15.3	8.6
10/12/19 5:15	2.8	38.5	0.0	40.2	10/12/19 18:15	12.4	(17.3)	6.3	1.6
10/12/19 5:30	13.8	37.1	(0.0)	51.0	10/12/19 18:30	26.5	(24.5)	1.7	3.9
10/12/19 5:45	6.3	18.8	0.0	24.9	10/12/19 18:45	35.0	(22.9)	0.0	12.2
10/12/19 6:00	25.7	0.9	(0.0)	25.9	10/12/19 19:00	10.8	(25.9)	(0.0)	(18.5)
10/12/19 6:15	15.3	5.8	0.0	21.2	10/12/19 19:15	(14.9)	(22.8)	0.0	(37.7)
10/12/19 6:30	22.4	6.1	0.0	28.5	10/12/19 19:30	(4.5)	(9.9)	0.0	(14.3)
10/12/19 6:45	21.2	1.5	(0.0)	21.3	10/12/19 19:45	(9.5)	2.1	0.0	(8.0)
10/12/19 7:00	5.7	7.9	0.0	13.6	10/12/19 20:00	(12.7)	3.0	0.0	(9.7)
10/12/19 7:15	8.6	(0.9)	(1.7)	6.9	10/12/19 20:15	(10.0)	(13.4)	0.0	(23.1)
10/12/19 7:30	10.7	3.0	(7.7)	6.0	10/12/19 20:30	(13.7)	(29.6)	(0.0)	(43.4)
10/12/19 7:45	9.4	19.1	(18.1)	10.3	10/12/19 20:45	(13.9)	(15.9)	(0.0)	(29.9)
10/12/19 8:00	(3.5)	8.3	(21.7)	(15.4)	10/12/19 21:00	(12.0)	(2.0)	0.0	(14.0)
10/12/19 8:15	(4.9)	14.8	(22.1)	(8.8)	10/12/19 21:15	(10.2)	(5.0)	(0.0)	(14.5)
10/12/19 8:30	(13.8)	22.4	(22.7)	(14.1)	10/12/19 21:30	(20.4)	(11.5)	0.0	(31.9)
10/12/19 8:45	(11.6)	31.9	(17.8)	5.6	10/12/19 21:45	(22.3)	(4.5)	(0.0)	(26.5)
10/12/19 9:00	(7.8)	38.6	(11.4)	19.4	10/12/19 22:00	(27.5)	(2.0)	0.0	(28.7)
10/12/19 9:15	(2.0)	7.5	(3.6)	5.6	10/12/19 22:15	(28.1)	2.1	(0.0)	(26.3)
10/12/19 9:30	(6.1)	(3.3)	(1.4)	(10.8)	10/12/19 22:30	(20.6)	12.2	0.0	(8.4)
10/12/19 9:45	(12.8)	1.6	(0.4)	(11.6)	10/12/19 22:45	(16.9)	3.9	(0.0)	(13.0)
10/12/19 10:00	(11.2)	(11.8)	(0.3)	(23.2)	10/12/19 23:00	(20.9)	(9.2)	(0.0)	(30.1)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/12/19 23:15	(10.4)	4.6	(0.0)	(6.3)	10/13/19 12:15	(8.5)	(10.7)	0.9	(18.2)
10/12/19 23:30	(19.6)	15.4	0.0	(4.3)	10/13/19 12:30	(1.9)	(11.6)	0.5	(12.2)
10/12/19 23:45	11.4	(4.5)	(0.0)	7.8	10/13/19 12:45	1.9	(9.7)	0.1	(9.2)
10/13/19 0:00	22.3	(11.0)	0.0	12.6	10/13/19 13:00	2.8	(4.4)	0.3	(4.7)
10/13/19 0:15	5.2	12.1	0.0	14.9	10/13/19 13:15	(3.6)	(2.5)	(0.1)	(6.0)
10/13/19 0:30	(14.0)	15.3	(0.0)	1.9	10/13/19 13:30	9.9	(6.9)	(0.3)	3.8
10/13/19 0:45	(10.9)	8.0	(0.0)	(3.6)	10/13/19 13:45	(6.7)	6.4	(0.8)	(1.5)
10/13/19 1:00	(17.9)	(3.0)	0.0	(20.8)	10/13/19 14:00	(4.4)	(4.1)	(0.1)	(8.1)
10/13/19 1:15	(19.0)	2.6	0.0	(16.4)	10/13/19 14:15	17.6	(1.5)	(0.8)	16.0
10/13/19 1:30	2.8	4.7	(0.0)	6.9	10/13/19 14:30	10.3	5.1	(1.3)	14.0
10/13/19 1:45	(8.1)	23.0	(0.0)	14.9	10/13/19 14:45	3.3	2.7	5.5	11.0
10/13/19 2:00	2.0	22.2	0.0	22.8	10/13/19 15:00	(1.5)	5.7	(2.0)	5.8
10/13/19 2:15	8.8	6.4	(0.0)	14.7	10/13/19 15:15	6.6	3.3	(3.6)	5.1
10/13/19 2:30	(0.6)	22.3	0.0	22.0	10/13/19 15:30	6.8	(8.0)	(2.3)	(3.6)
10/13/19 2:45	(4.3)	23.9	0.0	19.9	10/13/19 15:45	10.6	(9.5)	1.4	2.9
10/13/19 3:00	(6.6)	17.5	(0.0)	10.9	10/13/19 16:00	17.2	(4.1)	7.2	20.2
10/13/19 3:15	4.0	26.8	(0.0)	30.5	10/13/19 16:15	10.9	(12.0)	6.1	5.5
10/13/19 3:30	(1.1)	9.8	0.0	9.9	10/13/19 16:30	18.8	(18.5)	(2.2)	(2.0)
10/13/19 3:45	3.7	1.9	(0.0)	5.2	10/13/19 16:45	20.0	(43.9)	7.5	(16.5)
10/13/19 4:00	6.6	(5.1)	0.0	3.0	10/13/19 17:00	24.0	(37.7)	16.4	4.0
10/13/19 4:15	17.8	0.9	0.0	18.6	10/13/19 17:15	31.8	(29.8)	21.4	23.4
10/13/19 4:30	(41.5)	(8.8)	(0.0)	(48.6)	10/13/19 17:30	30.5	(17.9)	21.1	33.7
10/13/19 4:45	7.7	(6.6)	(0.0)	2.4	10/13/19 17:45	27.6	(27.3)	17.6	17.9
10/13/19 5:00	8.8	11.7	0.0	20.5	10/13/19 18:00	5.5	(44.7)	14.0	(26.7)
10/13/19 5:15	20.8	3.3	(0.0)	23.8	10/13/19 18:15	6.8	(39.9)	6.4	(27.5)
10/13/19 5:30	14.7	3.7	(0.0)	18.2	10/13/19 18:30	27.1	(43.0)	1.5	(14.4)
10/13/19 5:45	14.4	10.2	0.0	24.6	10/13/19 18:45	35.0	(54.6)	(0.1)	(19.6)
10/13/19 6:00	22.7	13.9	0.0	36.5	10/13/19 19:00	5.4	(58.5)	(0.1)	(54.2)
10/13/19 6:15	18.7	7.2	(0.0)	26.0	10/13/19 19:15	(9.2)	(46.6)	(0.0)	(55.8)
10/13/19 6:30	18.4	3.8	0.0	22.2	10/13/19 19:30	(10.4)	(42.3)	(0.0)	(52.6)
10/13/19 6:45	19.0	3.7	(0.0)	22.7	10/13/19 19:45	(13.1)	(41.1)	0.0	(54.2)
10/13/19 7:00	6.2	5.8	(0.0)	10.3	10/13/19 20:00	(18.4)	(39.2)	0.0	(57.6)
10/13/19 7:15	(15.4)	7.4	(1.2)	(10.1)	10/13/19 20:15	(13.6)	(42.0)	(0.0)	(55.6)
10/13/19 7:30	3.3	6.6	(5.8)	5.5	10/13/19 20:30	(17.2)	(15.2)	(0.0)	(32.3)
10/13/19 7:45	2.4	5.7	(17.4)	(9.4)	10/13/19 20:45	(16.1)	11.1	0.0	(5.0)
10/13/19 8:00	(1.9)	8.3	(21.5)	(14.5)	10/13/19 21:00	(24.5)	13.9	(0.0)	(10.6)
10/13/19 8:15	(6.9)	8.0	(22.3)	(21.2)	10/13/19 21:15	(16.4)	6.2	0.0	(12.3)
10/13/19 8:30	(3.8)	5.6	(22.3)	(20.5)	10/13/19 21:30	(33.2)	(33.5)	0.0	(66.8)
10/13/19 8:45	(9.6)	4.8	(17.6)	(22.5)	10/13/19 21:45	(19.9)	(18.3)	(0.0)	(38.1)
10/13/19 9:00	5.2	6.6	(11.2)	(6.4)	10/13/19 22:00	(25.0)	12.5	0.0	(13.3)
10/13/19 9:15	11.2	1.2	(3.4)	9.3	10/13/19 22:15	(20.8)	10.2	(0.0)	(10.9)
10/13/19 9:30	(6.8)	(2.1)	(1.7)	(10.7)	10/13/19 22:30	(25.7)	27.2	0.0	13.0
10/13/19 9:45	(4.7)	(2.0)	(0.9)	(7.6)	10/13/19 22:45	(20.7)	35.2	(0.0)	15.3
10/13/19 10:00	3.4	(1.2)	0.1	3.8	10/13/19 23:00	(24.2)	19.0	0.0	(7.9)
10/13/19 10:15	8.3	4.4	0.6	12.8	10/13/19 23:15	(3.3)	17.8	(0.0)	17.1
10/13/19 10:30	(3.7)	(2.4)	1.2	(4.4)	10/13/19 23:30	7.9	6.8	(0.0)	3.7
10/13/19 10:45	(2.0)	(1.6)	0.8	(1.5)	10/13/19 23:45	10.6	(7.4)	(0.0)	3.9
10/13/19 11:00	(1.3)	4.7	1.4	6.0	10/14/19 0:00	(13.8)	(8.5)	(0.0)	(21.7)
10/13/19 11:15	(5.0)	(1.7)	1.5	(4.7)	10/14/19 0:15	(2.4)	(11.1)	(0.0)	(13.5)
10/13/19 11:30	(1.3)	(5.1)	1.5	(4.6)	10/14/19 0:30	(3.2)	(2.7)	0.0	(5.9)
10/13/19 11:45	(1.1)	(5.5)	1.4	(4.6)	10/14/19 0:45	(7.8)	(6.0)	(0.0)	(13.4)
10/13/19 12:00	(4.6)	(9.7)	1.1	(12.9)	10/14/19 1:00	(12.1)	4.6	(0.0)	(9.8)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/14/19 1:15	4.6	51.4	0.0	55.9	10/14/19 14:15	20.4	(7.2)	(0.4)	13.9
10/14/19 1:30	(4.9)	10.4	(0.0)	5.8	10/14/19 14:30	27.8	14.4	(0.9)	41.3
10/14/19 1:45	(6.3)	8.5	0.0	2.4	10/14/19 14:45	4.8	8.9	(0.8)	9.8
10/14/19 2:00	(11.4)	4.2	0.0	(7.2)	10/14/19 15:00	(27.8)	28.9	(0.2)	5.4
10/14/19 2:15	(4.8)	(5.6)	(0.0)	(8.6)	10/14/19 15:15	6.6	23.5	(0.5)	29.0
10/14/19 2:30	(3.7)	6.5	0.0	3.0	10/14/19 15:30	9.0	(4.8)	(0.2)	8.9
10/14/19 2:45	(3.3)	5.7	0.0	2.7	10/14/19 15:45	(11.0)	(7.5)	0.6	(12.5)
10/14/19 3:00	(8.4)	11.4	0.0	5.3	10/14/19 16:00	(10.4)	(9.9)	1.9	(18.4)
10/14/19 3:15	(15.9)	(14.3)	(0.0)	(27.2)	10/14/19 16:15	5.6	7.8	3.0	14.7
10/14/19 3:30	9.4	(16.6)	(0.0)	(9.1)	10/14/19 16:30	11.8	14.4	5.6	31.7
10/14/19 3:45	7.2	(22.2)	0.0	(15.8)	10/14/19 16:45	20.9	28.9	12.6	62.4
10/14/19 4:00	18.1	(7.8)	(0.0)	10.5	10/14/19 17:00	14.3	31.0	17.3	62.6
10/14/19 4:15	25.8	10.1	0.0	29.0	10/14/19 17:15	16.4	47.1	19.7	83.2
10/14/19 4:30	(22.7)	53.0	(0.0)	35.0	10/14/19 17:30	33.4	23.2	18.4	75.0
10/14/19 4:45	15.8	32.3	0.0	38.3	10/14/19 17:45	(11.0)	(3.0)	17.9	11.1
10/14/19 5:00	18.8	(4.6)	(0.0)	15.4	10/14/19 18:00	(32.7)	(11.0)	13.0	(30.7)
10/14/19 5:15	5.5	11.0	(0.0)	16.5	10/14/19 18:15	4.8	(35.5)	4.5	(29.8)
10/14/19 5:30	30.3	11.6	0.0	37.8	10/14/19 18:30	57.6	(43.6)	1.2	19.4
10/14/19 5:45	43.2	(27.2)	0.0	16.0	10/14/19 18:45	10.2	(43.2)	0.0	(37.9)
10/14/19 6:00	54.4	29.3	(0.0)	83.8	10/14/19 19:00	7.3	(31.6)	(0.0)	(25.1)
10/14/19 6:15	53.2	(21.0)	0.0	32.8	10/14/19 19:15	8.5	(21.6)	0.0	(15.9)
10/14/19 6:30	45.6	(24.4)	0.0	21.2	10/14/19 19:30	(6.5)	(46.9)	0.0	(52.4)
10/14/19 6:45	44.3	(18.8)	(0.0)	25.8	10/14/19 19:45	(30.1)	(12.3)	(0.0)	(42.5)
10/14/19 7:00	10.5	26.2	(0.0)	36.5	10/14/19 20:00	(18.9)	(32.1)	(0.0)	(44.4)
10/14/19 7:15	(5.1)	(5.5)	(1.1)	(9.5)	10/14/19 20:15	(10.0)	(8.0)	0.0	(16.1)
10/14/19 7:30	(2.0)	(7.6)	(5.0)	(13.3)	10/14/19 20:30	(41.8)	11.1	(0.0)	(31.0)
10/14/19 7:45	(6.0)	38.7	(16.1)	18.4	10/14/19 20:45	(24.6)	2.9	(0.0)	(21.8)
10/14/19 8:00	(16.3)	(26.5)	(17.4)	(58.8)	10/14/19 21:00	(12.3)	(14.3)	0.0	(26.6)
10/14/19 8:15	(7.9)	6.9	(20.9)	(23.4)	10/14/19 21:15	(29.0)	(6.6)	0.0	(30.3)
10/14/19 8:30	(6.5)	50.8	(24.3)	27.0	10/14/19 21:30	(54.5)	23.5	(0.0)	(32.0)
10/14/19 8:45	(8.5)	80.3	(18.1)	53.9	10/14/19 21:45	(44.7)	(15.8)	0.0	(58.6)
10/14/19 9:00	13.3	44.3	(11.3)	45.2	10/14/19 22:00	(42.3)	(59.0)	0.0	(101.3)
10/14/19 9:15	6.4	10.4	(3.6)	12.4	10/14/19 22:15	(33.6)	(54.8)	0.0	(88.4)
10/14/19 9:30	3.4	8.4	(1.3)	10.1	10/14/19 22:30	(11.4)	(39.4)	0.0	(48.9)
10/14/19 9:45	5.7	(15.9)	(0.4)	(11.4)	10/14/19 22:45	11.4	17.5	(0.0)	24.1
10/14/19 10:00	(5.3)	(3.3)	(0.0)	(8.3)	10/14/19 23:00	(22.9)	15.6	(0.0)	(9.8)
10/14/19 10:15	4.5	(19.0)	0.5	(14.7)	10/14/19 23:15	18.9	2.4	(0.0)	19.6
10/14/19 10:30	16.7	(18.8)	47.3	45.1	10/14/19 23:30	(31.2)	(6.5)	(0.0)	(34.9)
10/14/19 10:45	(2.9)	(34.0)	1.3	(34.3)	10/14/19 23:45	(33.7)	60.4	0.0	26.7
10/14/19 11:00	4.0	(13.5)	16.7	9.7	10/15/19 0:00	(29.6)	32.5	(0.0)	(8.5)
10/14/19 11:15	(2.8)	39.1	0.2	36.5	10/15/19 0:15	11.5	(19.3)	(0.0)	(11.7)
10/14/19 11:30	(2.3)	51.1	(5.9)	44.1	10/15/19 0:30	(14.4)	14.6	(0.0)	1.7
10/14/19 11:45	7.4	10.3	(53.4)	(35.7)	10/15/19 0:45	(45.2)	35.6	(0.0)	(9.6)
10/14/19 12:00	(3.7)	13.2	0.8	10.8	10/15/19 1:00	(12.9)	(8.6)	(0.0)	(16.3)
10/14/19 12:15	4.7	(48.6)	1.1	(43.1)	10/15/19 1:15	28.8	8.0	0.0	32.5
10/14/19 12:30	1.2	23.7	0.3	23.7	10/15/19 1:30	9.9	(13.9)	0.0	(12.5)
10/14/19 12:45	6.6	7.7	(0.1)	14.0	10/15/19 1:45	15.5	(39.9)	0.0	(25.2)
10/14/19 13:00	2.8	10.7	(0.1)	13.1	10/15/19 2:00	6.2	(20.4)	0.0	(20.5)
10/14/19 13:15	5.9	(12.3)	(0.3)	(7.9)	10/15/19 2:15	9.0	(11.6)	(0.0)	(14.6)
10/14/19 13:30	20.5	(11.5)	(0.3)	11.4	10/15/19 2:30	3.8	6.9	(0.0)	7.8
10/14/19 13:45	18.9	(31.2)	(0.2)	(18.5)	10/15/19 2:45	(40.0)	26.3	0.0	(14.8)
10/14/19 14:00	(20.1)	7.4	(0.8)	(14.0)	10/15/19 3:00	25.9	(11.2)	(0.0)	19.7

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/15/19 3:15	18.8	(8.2)	0.0	18.8	10/15/19 16:15	32.5	5.2	2.6	40.2
10/15/19 3:30	26.0	(10.2)	(0.0)	20.7	10/15/19 16:30	18.6	4.4	5.4	28.1
10/15/19 3:45	11.7	4.6	0.0	16.1	10/15/19 16:45	(16.0)	12.5	13.1	12.5
10/15/19 4:00	12.0	(14.6)	(0.0)	(3.7)	10/15/19 17:00	12.7	7.4	18.5	35.8
10/15/19 4:15	15.6	(31.0)	0.0	(24.9)	10/15/19 17:15	10.3	1.6	20.9	30.5
10/15/19 4:30	(17.1)	(44.0)	(0.0)	(54.1)	10/15/19 17:30	23.6	2.9	20.2	46.6
10/15/19 4:45	23.7	13.8	0.0	33.1	10/15/19 17:45	12.1	(3.1)	17.4	26.5
10/15/19 5:00	34.1	(59.7)	(0.0)	(26.2)	10/15/19 18:00	(7.3)	(21.1)	12.5	(14.4)
10/15/19 5:15	23.8	24.2	(0.0)	46.7	10/15/19 18:15	(8.0)	(39.2)	4.2	(37.6)
10/15/19 5:30	32.7	(9.4)	0.0	28.5	10/15/19 18:30	58.3	(33.8)	0.8	28.4
10/15/19 5:45	34.6	(15.5)	0.0	19.4	10/15/19 18:45	50.1	(24.1)	0.0	26.0
10/15/19 6:00	49.3	(5.2)	(0.0)	46.7	10/15/19 19:00	7.2	(14.1)	(0.0)	(13.1)
10/15/19 6:15	65.6	(10.8)	(0.0)	57.2	10/15/19 19:15	(26.8)	(4.3)	0.0	(31.1)
10/15/19 6:30	18.2	(18.3)	(0.0)	(25.0)	10/15/19 19:30	(9.8)	(6.8)	(0.0)	(15.7)
10/15/19 6:45	19.3	(12.8)	(0.0)	(22.1)	10/15/19 19:45	(9.1)	4.0	0.0	(5.4)
10/15/19 7:00	47.2	(8.1)	(0.0)	40.0	10/15/19 20:00	(46.7)	(2.1)	0.0	(48.1)
10/15/19 7:15	24.2	(17.6)	(0.7)	13.7	10/15/19 20:15	16.6	2.7	(0.0)	19.2
10/15/19 7:30	(49.5)	(10.9)	(4.1)	(64.0)	10/15/19 20:30	(14.4)	(3.1)	0.0	(17.6)
10/15/19 7:45	25.7	54.5	(14.7)	63.7	10/15/19 20:45	(25.6)	4.6	(0.0)	(21.0)
10/15/19 8:00	(15.2)	88.5	(20.0)	60.4	10/15/19 21:00	(32.9)	5.8	0.0	(28.7)
10/15/19 8:15	(23.4)	71.5	(22.9)	28.3	10/15/19 21:15	(12.1)	(1.5)	0.0	(13.1)
10/15/19 8:30	(23.0)	49.3	(23.1)	17.8	10/15/19 21:30	(40.2)	(1.7)	0.0	(41.7)
10/15/19 8:45	(23.6)	27.7	(19.5)	(19.9)	10/15/19 21:45	(64.4)	(8.7)	0.0	(73.1)
10/15/19 9:00	18.7	6.4	(13.0)	10.4	10/15/19 22:00	(10.7)	(1.0)	0.0	(11.0)
10/15/19 9:15	(40.3)	37.4	(4.5)	(24.3)	10/15/19 22:15	(14.9)	(4.7)	0.0	(19.6)
10/15/19 9:30	15.1	60.9	(2.2)	73.8	10/15/19 22:30	(22.3)	(5.8)	(0.0)	(27.4)
10/15/19 9:45	(9.4)	13.3	(0.8)	5.1	10/15/19 22:45	(20.7)	(11.4)	(0.0)	(32.1)
10/15/19 10:00	(32.1)	(14.8)	(0.3)	(47.1)	10/15/19 23:00	7.3	(20.6)	(0.0)	(19.8)
10/15/19 10:15	14.5	11.6	0.6	26.7	10/15/19 23:15	(19.2)	(31.3)	(0.0)	(50.5)
10/15/19 10:30	(6.9)	20.5	1.0	14.6	10/15/19 23:30	(40.7)	(20.6)	(0.0)	(61.3)
10/15/19 10:45	(16.3)	19.3	2.7	10.0	10/15/19 23:45	15.4	(26.3)	(0.0)	(16.4)
10/15/19 11:00	(35.9)	37.8	(0.3)	11.3	10/16/19 0:00	(11.2)	(26.3)	0.0	(36.9)
10/15/19 11:15	22.8	(19.6)	1.6	9.6	10/16/19 0:15	(25.8)	(13.6)	(0.0)	(38.2)
10/15/19 11:30	(18.3)	40.0	1.0	22.7	10/16/19 0:30	11.2	(29.9)	(0.0)	(29.5)
10/15/19 11:45	(35.0)	32.8	0.7	(8.1)	10/16/19 0:45	(10.4)	(46.9)	(0.0)	(55.7)
10/15/19 12:00	30.6	36.0	1.1	66.1	10/16/19 1:00	(23.2)	(65.9)	0.0	(89.1)
10/15/19 12:15	5.2	8.7	1.1	13.3	10/16/19 1:15	24.8	14.1	(0.0)	37.3
10/15/19 12:30	(9.4)	(14.4)	0.5	(23.4)	10/16/19 1:30	14.0	(66.7)	0.0	(54.3)
10/15/19 12:45	(15.8)	7.6	(0.2)	(15.2)	10/16/19 1:45	20.8	(48.5)	0.0	(37.4)
10/15/19 13:00	18.9	1.3	(0.2)	19.8	10/16/19 2:00	(17.8)	21.8	0.0	19.6
10/15/19 13:15	(3.2)	19.8	(0.3)	20.3	10/16/19 2:15	8.8	30.0	(0.0)	38.5
10/15/19 13:30	(33.2)	11.7	(0.4)	(26.3)	10/16/19 2:30	(6.7)	(8.2)	(0.0)	(13.0)
10/15/19 13:45	19.8	10.4	2.7	28.0	10/16/19 2:45	(11.7)	(4.6)	0.0	(8.5)
10/15/19 14:00	13.2	17.9	3.3	30.8	10/16/19 3:00	14.2	14.5	0.0	22.4
10/15/19 14:15	(12.4)	22.0	(5.6)	22.1	10/16/19 3:15	3.6	(12.7)	(0.0)	(12.9)
10/15/19 14:30	(18.4)	7.5	(1.2)	(16.1)	10/16/19 3:30	(14.7)	10.7	0.0	(9.2)
10/15/19 14:45	(11.6)	10.8	(0.5)	(8.7)	10/16/19 3:45	14.9	(3.2)	(0.0)	15.2
10/15/19 15:00	(6.0)	7.8	(0.3)	8.3	10/16/19 4:00	12.5	(13.5)	0.0	(2.5)
10/15/19 15:15	(9.1)	4.0	0.5	(10.3)	10/16/19 4:15	(8.5)	(3.4)	(0.0)	(6.7)
10/15/19 15:30	40.6	10.1	(0.5)	50.7	10/16/19 4:30	29.7	(22.8)	0.0	7.7
10/15/19 15:45	36.6	12.7	1.0	49.9	10/16/19 4:45	17.4	(9.1)	0.0	8.3
10/15/19 16:00	4.0	5.4	2.1	11.3	10/16/19 5:00	(5.5)	(6.2)	(0.0)	(8.2)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/16/19 5:15	41.8	(49.3)	0.0	(7.9)	10/16/19 18:15	(12.7)	(22.3)	4.5	(27.8)
10/16/19 5:30	38.7	(27.5)	0.0	11.2	10/16/19 18:30	11.4	3.6	0.7	12.1
10/16/19 5:45	33.4	(50.3)	(0.0)	(17.0)	10/16/19 18:45	7.9	(7.5)	0.0	2.7
10/16/19 6:00	63.5	9.6	0.0	65.7	10/16/19 19:00	(12.2)	(26.1)	(0.0)	(37.6)
10/16/19 6:15	37.6	23.1	0.0	60.7	10/16/19 19:15	(27.1)	(43.0)	0.0	(70.2)
10/16/19 6:30	17.5	24.9	(0.0)	33.4	10/16/19 19:30	18.7	(40.6)	0.0	(21.9)
10/16/19 6:45	11.8	15.6	(0.1)	19.6	10/16/19 19:45	(7.5)	(18.6)	0.0	(26.1)
10/16/19 7:00	29.2	33.8	(0.2)	60.6	10/16/19 20:00	(31.8)	(1.6)	(0.0)	(33.4)
10/16/19 7:15	(28.4)	58.5	(0.7)	31.1	10/16/19 20:15	(21.5)	(31.5)	0.0	(49.1)
10/16/19 7:30	(5.1)	65.4	(4.6)	57.3	10/16/19 20:30	3.8	(33.8)	(0.0)	(31.6)
10/16/19 7:45	(2.1)	68.1	(14.9)	51.2	10/16/19 20:45	13.3	(3.1)	0.0	10.2
10/16/19 8:00	(9.8)	51.1	(18.7)	22.5	10/16/19 21:00	14.8	(8.0)	(0.0)	(11.2)
10/16/19 8:15	6.3	32.0	(23.7)	13.8	10/16/19 21:15	(79.1)	(11.0)	(0.0)	(90.1)
10/16/19 8:30	24.9	61.9	(21.9)	64.9	10/16/19 21:30	(28.6)	(20.2)	0.0	(48.7)
10/16/19 8:45	(14.5)	51.9	(3.7)	37.3	10/16/19 21:45	(62.5)	(31.9)	(0.0)	(94.4)
10/16/19 9:00	(25.4)	46.5	(16.7)	16.7	10/16/19 22:00	15.6	(20.0)	0.0	(14.6)
10/16/19 9:15	(32.8)	33.3	(11.1)	17.4	10/16/19 22:15	10.8	(23.2)	(0.0)	(20.2)
10/16/19 9:30	19.1	25.7	(0.9)	37.2	10/16/19 22:30	(55.6)	(14.4)	0.0	(70.0)
10/16/19 9:45	(21.2)	24.8	1.6	5.3	10/16/19 22:45	(28.4)	(4.0)	(0.0)	(32.0)
10/16/19 10:00	(32.9)	17.4	3.7	(14.6)	10/16/19 23:00	(33.4)	(3.8)	(0.0)	(37.1)
10/16/19 10:15	(35.7)	6.6	14.9	(16.3)	10/16/19 23:15	(45.3)	8.8	(0.0)	(36.6)
10/16/19 10:30	(17.3)	(3.7)	(14.4)	(30.0)	10/16/19 23:30	(23.9)	18.1	0.0	(10.7)
10/16/19 10:45	30.7	(3.3)	9.2	33.9	10/16/19 23:45	8.8	12.1	0.0	17.0
10/16/19 11:00	8.4	(15.3)	(12.6)	(25.0)	10/17/19 0:00	4.2	4.2	(0.0)	6.9
10/16/19 11:15	21.3	(32.3)	(4.9)	(14.8)	10/17/19 0:15	(25.3)	11.0	0.0	(16.4)
10/16/19 11:30	4.6	(33.0)	23.3	(8.4)	10/17/19 0:30	(8.6)	31.2	(0.0)	25.7
10/16/19 11:45	(9.0)	(29.4)	(3.0)	(36.5)	10/17/19 0:45	(26.4)	7.8	(0.0)	(19.3)
10/16/19 12:00	(43.0)	(16.4)	(13.0)	(72.4)	10/17/19 1:00	(51.1)	10.6	0.0	(42.2)
10/16/19 12:15	(12.9)	(13.9)	(5.2)	(29.4)	10/17/19 1:15	23.8	27.8	(0.0)	50.7
10/16/19 12:30	8.6	3.9	6.3	15.5	10/17/19 1:30	(4.7)	8.3	0.0	4.5
10/16/19 12:45	10.5	3.1	(4.2)	11.6	10/17/19 1:45	(10.6)	21.0	0.0	15.0
10/16/19 13:00	38.1	8.9	18.7	65.3	10/17/19 2:00	(11.4)	16.8	(0.0)	19.2
10/16/19 13:15	5.9	27.0	(7.3)	24.6	10/17/19 2:15	9.8	19.1	0.0	28.8
10/16/19 13:30	(18.8)	16.0	(18.1)	(22.0)	10/17/19 2:30	(18.6)	11.9	0.0	(13.2)
10/16/19 13:45	9.7	8.5	1.6	17.6	10/17/19 2:45	(14.1)	17.9	(0.0)	17.6
10/16/19 14:00	(5.1)	6.1	8.6	13.7	10/17/19 3:00	15.8	12.9	0.0	28.8
10/16/19 14:15	(38.6)	(4.7)	(11.1)	(52.6)	10/17/19 3:15	20.3	24.7	(0.0)	45.0
10/16/19 14:30	36.1	3.3	19.1	57.7	10/17/19 3:30	(17.3)	34.3	(0.0)	19.6
10/16/19 14:45	16.0	9.9	14.1	32.9	10/17/19 3:45	21.4	27.7	0.0	38.9
10/16/19 15:00	15.4	6.8	7.8	29.3	10/17/19 4:00	(15.4)	22.1	0.0	18.5
10/16/19 15:15	(11.2)	(4.5)	(2.4)	(15.3)	10/17/19 4:15	29.5	12.1	(0.0)	40.4
10/16/19 15:30	41.4	(10.9)	(11.1)	30.1	10/17/19 4:30	(23.0)	18.4	0.0	(10.5)
10/16/19 15:45	9.1	3.3	(15.6)	(14.3)	10/17/19 4:45	35.3	7.7	0.0	42.7
10/16/19 16:00	8.0	18.8	(12.0)	21.2	10/17/19 5:00	39.6	(3.2)	(0.0)	37.3
10/16/19 16:15	(11.2)	12.8	(10.7)	7.8	10/17/19 5:15	16.8	3.7	(0.0)	20.1
10/16/19 16:30	29.7	(4.2)	3.8	29.4	10/17/19 5:30	30.2	2.6	(0.0)	32.8
10/16/19 16:45	19.1	(36.2)	12.0	(9.6)	10/17/19 5:45	62.3	13.3	(0.0)	75.6
10/16/19 17:00	(14.8)	(34.1)	17.1	(23.8)	10/17/19 6:00	(6.9)	9.6	0.0	3.8
10/16/19 17:15	20.4	(33.5)	26.0	17.5	10/17/19 6:15	42.4	10.1	(0.0)	52.5
10/16/19 17:30	59.7	(6.0)	16.1	70.2	10/17/19 6:30	31.8	7.2	(0.0)	38.9
10/16/19 17:45	(23.4)	8.7	18.3	25.5	10/17/19 6:45	43.1	(8.5)	0.0	34.6
10/16/19 18:00	12.1	(9.2)	11.8	12.9	10/17/19 7:00	40.6	(4.0)	0.0	36.8

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/17/19 7:15	9.6	(0.5)	(0.8)	9.0	10/17/19 20:15	25.0	(2.1)	(0.0)	24.2
10/17/19 7:30	(50.8)	0.6	(3.9)	(54.4)	10/17/19 20:30	(27.3)	4.0	0.0	(24.8)
10/17/19 7:45	(13.0)	0.3	(12.4)	(24.8)	10/17/19 20:45	(60.7)	18.1	0.0	(50.6)
10/17/19 8:00	15.5	4.5	(15.1)	6.1	10/17/19 21:00	(12.0)	27.4	0.0	21.2
10/17/19 8:15	(9.8)	13.3	(24.7)	(20.8)	10/17/19 21:15	(24.7)	25.6	(0.0)	3.8
10/17/19 8:30	(3.8)	11.0	(16.1)	(8.8)	10/17/19 21:30	(45.7)	25.6	(0.0)	(22.0)
10/17/19 8:45	18.6	16.5	3.3	32.1	10/17/19 21:45	(30.3)	(8.7)	0.0	(36.3)
10/17/19 9:00	20.5	12.4	6.2	38.1	10/17/19 22:00	(35.2)	(20.9)	0.0	(56.1)
10/17/19 9:15	26.2	8.9	3.6	34.4	10/17/19 22:15	(28.7)	2.6	(0.0)	(28.4)
10/17/19 9:30	(15.0)	(8.3)	(15.9)	(34.8)	10/17/19 22:30	(17.8)	(6.8)	(0.0)	(23.4)
10/17/19 9:45	24.9	(21.0)	(3.1)	(17.7)	10/17/19 22:45	15.6	13.6	0.0	25.3
10/17/19 10:00	13.4	(11.8)	(5.6)	(16.8)	10/17/19 23:00	(32.8)	31.3	(0.0)	13.9
10/17/19 10:15	(10.5)	(23.7)	(5.2)	(35.1)	10/17/19 23:15	21.8	18.3	0.0	39.9
10/17/19 10:30	22.4	(24.1)	(5.4)	(12.9)	10/17/19 23:30	(19.0)	(29.6)	(0.0)	(48.6)
10/17/19 10:45	(9.4)	(29.8)	5.8	(26.5)	10/17/19 23:45	(35.7)	(28.1)	0.0	(63.9)
10/17/19 11:00	19.2	(48.3)	11.0	(26.2)	10/18/19 0:00	13.7	(43.1)	(0.0)	(39.3)
10/17/19 11:15	(19.0)	(31.9)	(20.4)	(70.6)	10/18/19 0:15	(5.5)	(69.8)	(0.0)	(75.4)
10/17/19 11:30	(17.7)	(60.9)	11.5	(66.0)	10/18/19 0:30	(43.2)	(33.5)	(0.0)	(76.3)
10/17/19 11:45	(12.2)	(75.4)	(15.7)	(97.5)	10/18/19 0:45	30.2	15.9	0.0	44.8
10/17/19 12:00	(9.5)	(50.3)	5.4	(51.4)	10/18/19 1:00	14.4	(2.6)	(0.0)	11.9
10/17/19 12:15	(4.3)	(52.1)	11.8	(47.5)	10/18/19 1:15	(56.7)	14.7	0.0	(43.3)
10/17/19 12:30	29.6	(59.7)	(16.8)	(45.8)	10/18/19 1:30	26.7	12.4	0.0	38.9
10/17/19 12:45	8.3	(24.9)	12.3	23.8	10/18/19 1:45	(5.2)	(15.9)	(0.0)	(19.0)
10/17/19 13:00	17.8	81.9	(24.3)	73.7	10/18/19 2:00	(48.1)	37.4	(0.0)	(34.6)
10/17/19 13:15	(8.3)	20.6	9.4	26.2	10/18/19 2:15	(8.1)	60.6	0.0	55.5
10/17/19 13:30	(16.6)	3.0	21.9	11.1	10/18/19 2:30	(3.2)	26.2	0.0	24.8
10/17/19 13:45	35.0	14.1	(23.1)	28.8	10/18/19 2:45	(38.4)	17.2	0.0	(22.6)
10/17/19 14:00	33.8	2.0	29.3	62.2	10/18/19 3:00	23.8	6.6	(0.0)	24.4
10/17/19 14:15	16.6	(21.7)	(26.6)	(44.7)	10/18/19 3:15	27.0	(11.5)	(0.0)	23.8
10/17/19 14:30	(28.0)	(10.3)	(6.3)	(38.1)	10/18/19 3:30	1.7	(30.2)	0.0	(29.1)
10/17/19 14:45	24.1	7.0	(6.2)	22.8	10/18/19 3:45	(15.5)	(4.0)	(0.0)	(13.0)
10/17/19 15:00	13.4	(15.9)	11.1	6.7	10/18/19 4:00	36.1	(68.0)	0.0	(31.9)
10/17/19 15:15	(8.5)	12.5	13.8	19.4	10/18/19 4:15	44.3	(30.5)	(0.0)	16.9
10/17/19 15:30	22.4	(1.4)	19.7	36.8	10/18/19 4:30	(13.6)	(4.5)	0.0	(11.3)
10/17/19 15:45	9.6	9.8	(17.1)	5.2	10/18/19 4:45	25.5	10.6	0.0	30.3
10/17/19 16:00	(18.8)	(6.3)	(14.4)	(25.2)	10/18/19 5:00	12.9	40.1	(0.0)	50.9
10/17/19 16:15	15.4	(7.8)	20.6	25.8	10/18/19 5:15	(15.9)	35.9	0.0	23.0
10/17/19 16:30	(17.8)	(8.8)	16.7	(9.9)	10/18/19 5:30	21.1	13.8	(0.0)	34.9
10/17/19 16:45	11.2	5.7	6.1	14.1	10/18/19 5:45	20.6	15.9	0.0	33.4
10/17/19 17:00	11.3	16.7	8.1	34.8	10/18/19 6:00	24.9	(2.7)	0.0	22.5
10/17/19 17:15	8.8	(5.4)	9.1	9.7	10/18/19 6:15	42.6	(12.2)	(0.0)	34.8
10/17/19 17:30	(10.9)	(3.5)	12.6	16.0	10/18/19 6:30	33.9	(21.7)	0.0	18.7
10/17/19 17:45	12.8	(7.6)	10.2	13.6	10/18/19 6:45	10.6	10.9	0.0	20.2
10/17/19 18:00	6.6	(9.1)	9.7	7.3	10/18/19 7:00	58.7	(5.9)	(0.0)	55.4
10/17/19 18:15	6.8	2.1	4.7	12.3	10/18/19 7:15	(4.3)	(37.2)	(0.1)	(37.6)
10/17/19 18:30	43.5	4.7	0.5	47.8	10/18/19 7:30	(59.6)	(47.6)	(2.5)	(109.7)
10/17/19 18:45	22.8	(26.7)	0.0	(16.6)	10/18/19 7:45	(24.2)	(48.4)	(14.5)	(79.2)
10/17/19 19:00	(11.5)	(45.6)	0.0	(55.0)	10/18/19 8:00	36.4	(14.4)	(19.3)	11.4
10/17/19 19:15	(33.0)	(19.5)	(0.0)	(52.2)	10/18/19 8:15	55.0	12.6	(21.3)	46.3
10/17/19 19:30	(25.6)	(12.4)	(0.0)	(36.3)	10/18/19 8:30	7.6	22.8	(16.4)	8.5
10/17/19 19:45	(10.5)	3.3	0.0	(7.6)	10/18/19 8:45	18.0	34.8	(16.4)	36.1
10/17/19 20:00	(39.3)	(8.7)	(0.0)	(47.1)	10/18/19 9:00	(8.3)	18.7	13.4	27.6

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/18/19 9:15	(13.5)	6.1	(9.5)	(15.3)	10/18/19 22:15	(58.5)	(34.7)	0.2	(93.0)
10/18/19 9:30	15.1	6.9	(8.4)	23.1	10/18/19 22:30	7.6	(20.1)	(0.2)	(16.6)
10/18/19 9:45	(4.5)	(11.8)	(17.5)	(28.8)	10/18/19 22:45	(23.4)	(12.0)	0.4	(35.0)
10/18/19 10:00	(8.8)	(17.9)	2.2	(24.5)	10/18/19 23:00	(44.1)	(25.3)	0.0	(69.4)
10/18/19 10:15	(3.3)	(17.3)	17.9	(3.3)	10/18/19 23:15	(29.5)	39.8	0.0	25.4
10/18/19 10:30	4.6	(42.1)	(4.2)	(39.7)	10/18/19 23:30	(12.1)	24.4	(0.0)	12.2
10/18/19 10:45	17.3	(49.9)	14.9	(26.7)	10/18/19 23:45	(34.2)	39.4	(0.0)	10.3
10/18/19 11:00	46.9	(18.1)	6.8	36.1	10/19/19 0:00	18.8	15.3	(0.0)	28.8
10/18/19 11:15	(15.6)	18.7	(21.6)	(18.4)	10/19/19 0:15	29.3	(31.8)	(0.0)	(6.9)
10/18/19 11:30	(15.2)	(12.7)	8.5	(17.4)	10/19/19 0:30	(38.3)	10.8	0.0	(31.5)
10/18/19 11:45	17.8	(26.0)	(18.9)	(27.1)	10/19/19 0:45	11.7	(3.9)	0.0	9.5
10/18/19 12:00	10.8	21.9	(15.3)	19.2	10/19/19 1:00	(5.4)	(5.3)	(0.0)	(10.2)
10/18/19 12:15	15.4	(7.4)	7.1	19.8	10/19/19 1:15	(36.0)	3.7	0.0	(35.5)
10/18/19 12:30	(15.8)	(28.5)	6.2	(38.2)	10/19/19 1:30	8.3	(23.0)	(0.0)	(18.5)
10/18/19 12:45	9.5	(6.6)	3.0	5.3	10/19/19 1:45	4.1	22.2	0.0	23.9
10/18/19 13:00	(35.3)	52.5	23.0	40.2	10/19/19 2:00	(18.7)	49.8	(0.0)	32.7
10/18/19 13:15	7.3	(5.6)	17.4	22.3	10/19/19 2:15	(10.6)	53.1	(0.0)	50.5
10/18/19 13:30	16.0	(8.9)	(8.6)	(4.4)	10/19/19 2:30	(5.4)	18.0	0.0	15.6
10/18/19 13:45	(20.1)	17.7	13.9	17.7	10/19/19 2:45	(12.7)	(23.0)	0.0	(35.6)
10/18/19 14:00	28.8	(23.9)	(5.0)	9.0	10/19/19 3:00	12.0	20.9	0.0	32.9
10/18/19 14:15	19.7	(26.5)	(5.9)	(14.6)	10/19/19 3:15	(12.7)	10.2	(0.0)	(12.2)
10/18/19 14:30	(22.3)	28.3	(36.7)	(30.7)	10/19/19 3:30	(8.8)	(3.0)	0.0	(8.8)
10/18/19 14:45	26.8	20.7	15.8	54.2	10/19/19 3:45	9.9	(31.5)	(0.0)	(24.8)
10/18/19 15:00	5.1	(73.6)	17.8	(50.8)	10/19/19 4:00	13.2	(15.7)	0.0	(5.7)
10/18/19 15:15	(39.8)	29.7	39.3	26.6	10/19/19 4:15	8.9	9.9	0.0	16.9
10/18/19 15:30	(22.1)	22.4	15.3	15.6	10/19/19 4:30	17.4	(6.1)	0.0	12.0
10/18/19 15:45	5.5	8.1	(3.9)	8.9	10/19/19 4:45	(22.2)	13.9	(0.0)	(13.5)
10/18/19 16:00	(16.0)	13.8	(25.7)	(27.7)	10/19/19 5:00	(18.3)	18.8	(0.0)	19.1
10/18/19 16:15	40.0	(56.0)	12.6	(7.3)	10/19/19 5:15	24.1	9.6	0.0	32.9
10/18/19 16:30	32.0	(70.3)	20.4	(18.9)	10/19/19 5:30	(12.1)	5.8	0.0	(6.7)
10/18/19 16:45	29.4	(18.8)	(10.2)	8.6	10/19/19 5:45	(14.2)	26.9	(0.0)	23.2
10/18/19 17:00	(87.9)	31.9	10.4	(49.7)	10/19/19 6:00	56.9	(11.4)	0.0	49.7
10/18/19 17:15	(41.0)	41.6	5.2	22.3	10/19/19 6:15	41.5	(23.0)	0.0	18.6
10/18/19 17:30	(16.2)	(5.6)	0.8	(17.2)	10/19/19 6:30	(14.5)	(5.6)	(0.1)	(17.6)
10/18/19 17:45	11.2	22.1	3.6	30.9	10/19/19 6:45	16.8	26.9	0.1	42.7
10/18/19 18:00	9.2	(14.4)	3.7	7.2	10/19/19 7:00	18.0	9.3	0.0	27.4
10/18/19 18:15	24.5	(7.4)	1.3	18.7	10/19/19 7:15	4.5	23.1	(0.5)	23.1
10/18/19 18:30	38.5	29.9	0.1	68.3	10/19/19 7:30	(4.5)	13.8	(3.6)	5.9
10/18/19 18:45	24.8	34.9	0.0	59.4	10/19/19 7:45	4.0	(3.4)	(13.8)	(13.8)
10/18/19 19:00	(18.4)	46.3	(0.0)	27.8	10/19/19 8:00	(10.3)	2.2	(18.9)	(27.1)
10/18/19 19:15	(41.0)	35.0	(0.0)	(9.2)	10/19/19 8:15	(7.2)	(3.0)	(21.8)	(27.0)
10/18/19 19:30	(8.6)	17.6	0.0	11.9	10/19/19 8:30	(3.3)	22.2	(22.8)	(12.3)
10/18/19 19:45	(7.0)	(2.5)	(0.0)	(9.1)	10/19/19 8:45	(10.4)	38.7	(19.2)	9.2
10/18/19 20:00	(12.0)	14.5	0.2	5.3	10/19/19 9:00	(8.4)	(9.4)	(14.6)	(27.4)
10/18/19 20:15	(9.8)	28.4	0.3	18.8	10/19/19 9:15	21.6	(41.8)	(5.7)	(28.3)
10/18/19 20:30	(15.3)	8.4	0.0	(7.8)	10/19/19 9:30	5.7	(86.1)	(2.0)	(83.0)
10/18/19 20:45	(14.6)	28.2	(0.0)	13.6	10/19/19 9:45	(2.8)	(95.3)	(0.7)	(96.7)
10/18/19 21:00	(20.1)	8.4	0.0	(11.8)	10/19/19 10:00	(24.6)	(26.9)	0.1	(45.8)
10/18/19 21:15	(5.8)	5.3	(0.0)	(4.8)	10/19/19 10:15	52.6	13.4	1.2	55.0
10/18/19 21:30	(11.1)	(5.4)	(0.0)	(16.5)	10/19/19 10:30	16.1	(16.0)	1.0	(3.1)
10/18/19 21:45	24.8	10.2	(0.2)	34.2	10/19/19 10:45	(33.0)	24.0	1.1	(9.4)
10/18/19 22:00	(44.6)	9.1	(0.2)	(48.7)	10/19/19 11:00	21.8	(37.6)	1.1	(17.4)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/19/19 11:15	(9.6)	(23.8)	1.3	(31.0)	10/20/19 0:15	(59.5)	83.8	(0.0)	29.2
10/19/19 11:30	(7.8)	47.3	1.3	45.0	10/20/19 0:30	(19.0)	39.2	0.0	28.3
10/19/19 11:45	(38.5)	74.5	1.3	37.7	10/20/19 0:45	(7.9)	4.5	(0.0)	(3.4)
10/19/19 12:00	(17.7)	66.7	1.2	50.2	10/20/19 1:00	(26.4)	15.7	0.0	(12.3)
10/19/19 12:15	(7.7)	68.8	0.9	61.9	10/20/19 1:15	10.3	17.1	(0.0)	20.7
10/19/19 12:30	(8.2)	35.4	0.7	27.9	10/20/19 1:30	(4.6)	9.0	(0.0)	8.9
10/19/19 12:45	6.6	26.1	0.5	33.2	10/20/19 1:45	(20.3)	(10.2)	0.0	(29.9)
10/19/19 13:00	(29.9)	(7.7)	0.5	(36.2)	10/20/19 2:00	16.8	(42.9)	0.0	(31.5)
10/19/19 13:15	(16.4)	(6.3)	(0.5)	(16.9)	10/20/19 2:15	9.5	(30.2)	(0.0)	(21.9)
10/19/19 13:30	(10.4)	(12.7)	(0.6)	(22.7)	10/20/19 2:30	(24.7)	(25.3)	0.0	(38.3)
10/19/19 13:45	(11.7)	(10.8)	(0.6)	(23.1)	10/20/19 2:45	16.2	72.3	(0.0)	88.4
10/19/19 14:00	20.7	(5.3)	(0.4)	15.4	10/20/19 3:00	5.4	(8.5)	0.0	(5.5)
10/19/19 14:15	14.8	13.8	(1.1)	25.4	10/20/19 3:15	3.6	(10.1)	(0.0)	(7.8)
10/19/19 14:30	17.8	20.2	(0.6)	34.7	10/20/19 3:30	(27.0)	12.9	0.0	(18.7)
10/19/19 14:45	13.1	(26.2)	(0.5)	(17.3)	10/20/19 3:45	10.1	(24.5)	(0.0)	(17.6)
10/19/19 15:00	29.5	(30.8)	(0.2)	(2.2)	10/20/19 4:00	11.6	15.5	(0.0)	27.1
10/19/19 15:15	(20.3)	(41.9)	(0.3)	(62.5)	10/20/19 4:15	(16.4)	(21.9)	(0.0)	(37.9)
10/19/19 15:30	21.8	(7.5)	(0.2)	19.0	10/20/19 4:30	4.0	13.7	0.0	16.5
10/19/19 15:45	23.4	(36.2)	0.5	(19.2)	10/20/19 4:45	33.0	(15.2)	0.0	30.2
10/19/19 16:00	(9.1)	(28.8)	1.6	(33.9)	10/20/19 5:00	18.1	(13.1)	0.0	7.6
10/19/19 16:15	(24.6)	(10.9)	2.6	(26.5)	10/20/19 5:15	(14.1)	(4.0)	0.0	(15.4)
10/19/19 16:30	42.4	8.7	7.7	58.0	10/20/19 5:30	(6.4)	(6.3)	(0.0)	(9.1)
10/19/19 16:45	23.5	(25.4)	14.7	12.8	10/20/19 5:45	5.5	(8.0)	(0.0)	(4.6)
10/19/19 17:00	(19.1)	(36.9)	22.2	(31.1)	10/20/19 6:00	19.6	(12.6)	(0.1)	6.9
10/19/19 17:15	31.6	(9.8)	19.9	44.7	10/20/19 6:15	16.7	(20.0)	0.0	(3.2)
10/19/19 17:30	11.1	(7.3)	17.2	22.3	10/20/19 6:30	17.0	(14.6)	(0.0)	2.4
10/19/19 17:45	22.7	(16.6)	16.7	22.7	10/20/19 6:45	10.9	(9.1)	0.0	2.2
10/19/19 18:00	(16.9)	(36.4)	10.0	(34.4)	10/20/19 7:00	16.3	(22.2)	(0.0)	(7.3)
10/19/19 18:15	68.8	(72.1)	3.6	7.9	10/20/19 7:15	(3.7)	(23.0)	0.0	(25.2)
10/19/19 18:30	46.5	(10.7)	0.4	36.3	10/20/19 7:30	18.4	(28.4)	(2.1)	(12.3)
10/19/19 18:45	(13.8)	(11.4)	(0.0)	(25.0)	10/20/19 7:45	29.0	(40.2)	(8.0)	(19.3)
10/19/19 19:00	22.3	(17.3)	0.0	(17.0)	10/20/19 8:00	46.2	(59.5)	(13.7)	(27.4)
10/19/19 19:15	(22.1)	(27.0)	(0.0)	(49.1)	10/20/19 8:15	27.1	(50.8)	(15.0)	(49.2)
10/19/19 19:30	(33.7)	(11.1)	0.0	(44.8)	10/20/19 8:30	10.8	3.4	(10.6)	(8.1)
10/19/19 19:45	16.3	1.8	(0.0)	17.9	10/20/19 8:45	(6.7)	23.7	(13.9)	5.9
10/19/19 20:00	(8.7)	(9.1)	(0.0)	(17.6)	10/20/19 9:00	(16.7)	(7.4)	(15.3)	(38.1)
10/19/19 20:15	(35.6)	(19.0)	0.0	(54.5)	10/20/19 9:15	20.8	(20.4)	(14.1)	(20.6)
10/19/19 20:30	14.7	(4.9)	(0.0)	12.6	10/20/19 9:30	8.4	(10.4)	(2.5)	(9.2)
10/19/19 20:45	(5.0)	(3.9)	0.0	(7.0)	10/20/19 9:45	(11.1)	11.6	(17.2)	(14.7)
10/19/19 21:00	(36.9)	3.5	(0.0)	(34.0)	10/20/19 10:00	14.3	23.2	(5.8)	12.4
10/19/19 21:15	15.3	8.7	0.0	19.5	10/20/19 10:15	19.7	(24.8)	7.6	2.6
10/19/19 21:30	(14.0)	3.2	(0.0)	(11.2)	10/20/19 10:30	13.0	(36.9)	32.4	9.3
10/19/19 21:45	(45.7)	9.7	(0.0)	(36.0)	10/20/19 10:45	(22.7)	27.8	(27.4)	(24.4)
10/19/19 22:00	40.4	(22.9)	0.0	22.5	10/20/19 11:00	24.8	(10.1)	(9.3)	9.5
10/19/19 22:15	(10.5)	19.7	(0.0)	12.8	10/20/19 11:15	34.0	(17.9)	0.8	18.6
10/19/19 22:30	(24.9)	(25.1)	0.0	(48.0)	10/20/19 11:30	(12.7)	(12.4)	(3.2)	(17.7)
10/19/19 22:45	6.4	52.0	0.0	57.2	10/20/19 11:45	17.2	(10.3)	(2.2)	10.5
10/19/19 23:00	10.9	9.9	(0.0)	13.5	10/20/19 12:00	(28.1)	25.8	4.3	6.2
10/19/19 23:15	(14.7)	4.1	0.0	(10.9)	10/20/19 12:15	(24.6)	6.7	27.4	8.3
10/19/19 23:30	(20.5)	19.1	0.0	16.5	10/20/19 12:30	16.5	(10.5)	(1.7)	(8.1)
10/19/19 23:45	(9.1)	(35.6)	(0.0)	(42.4)	10/20/19 12:45	28.0	(13.0)	(10.9)	5.6
10/20/19 0:00	(8.4)	(21.7)	(0.0)	(24.8)	10/20/19 13:00	9.9	2.0	(3.3)	(6.7)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/20/19 13:15	17.1	7.6	(2.6)	11.0	10/21/19 2:15	67.9	(56.6)	(0.0)	11.4
10/20/19 13:30	11.4	8.2	10.9	21.7	10/21/19 2:30	(14.8)	(12.4)	0.0	(10.8)
10/20/19 13:45	10.9	(10.5)	(3.3)	(7.9)	10/21/19 2:45	(23.8)	35.6	0.0	12.6
10/20/19 14:00	7.9	(10.9)	3.2	5.4	10/21/19 3:00	39.3	(15.1)	0.0	24.4
10/20/19 14:15	(20.1)	13.9	(9.9)	(23.1)	10/21/19 3:15	7.5	(17.6)	(0.0)	(13.2)
10/20/19 14:30	24.8	(9.0)	0.5	19.8	10/21/19 3:30	10.8	(6.9)	0.0	4.6
10/20/19 14:45	11.4	24.8	(2.9)	32.5	10/21/19 3:45	(28.2)	14.4	(0.0)	(14.7)
10/20/19 15:00	(42.4)	(9.7)	(1.5)	(52.0)	10/21/19 4:00	10.1	3.4	0.0	13.5
10/20/19 15:15	(28.0)	72.0	6.1	55.9	10/21/19 4:15	20.9	(7.9)	(0.0)	13.5
10/20/19 15:30	14.8	7.2	(2.3)	18.4	10/21/19 4:30	16.2	(13.8)	0.0	3.0
10/20/19 15:45	25.4	(11.3)	11.2	27.7	10/21/19 4:45	31.9	(32.3)	0.0	(4.6)
10/20/19 16:00	(16.0)	(15.2)	4.3	(21.0)	10/21/19 5:00	48.4	(32.7)	0.0	19.4
10/20/19 16:15	31.8	(13.3)	(8.5)	17.3	10/21/19 5:15	34.4	(57.3)	0.0	(23.0)
10/20/19 16:30	35.7	(53.6)	11.4	(7.1)	10/21/19 5:30	34.5	(55.6)	0.0	(21.0)
10/20/19 16:45	10.6	(36.5)	20.8	(14.6)	10/21/19 5:45	14.7	(13.1)	(0.0)	6.1
10/20/19 17:00	42.0	(27.2)	14.7	27.1	10/21/19 6:00	73.3	(60.7)	0.0	18.1
10/20/19 17:15	29.7	(11.9)	9.6	30.4	10/21/19 6:15	87.4	(77.3)	(0.0)	10.1
10/20/19 17:30	9.7	13.2	12.6	34.7	10/21/19 6:30	61.4	(50.6)	(0.0)	13.2
10/20/19 17:45	(41.9)	37.3	14.3	10.0	10/21/19 6:45	40.2	(24.5)	(0.0)	16.5
10/20/19 18:00	40.4	61.7	6.1	107.0	10/21/19 7:00	(35.4)	76.8	0.0	44.0
10/20/19 18:15	60.7	57.4	2.2	120.2	10/21/19 7:15	24.6	138.9	(0.3)	162.4
10/20/19 18:30	34.2	19.7	0.2	54.2	10/21/19 7:30	(46.2)	59.6	(1.8)	18.7
10/20/19 18:45	(17.9)	14.9	0.0	(11.1)	10/21/19 7:45	6.5	(1.4)	(5.8)	(6.9)
10/20/19 19:00	17.4	30.2	0.1	44.3	10/21/19 8:00	(22.6)	8.8	(13.5)	(26.7)
10/20/19 19:15	(15.3)	(22.8)	0.0	(38.1)	10/21/19 8:15	(16.2)	23.3	(8.8)	23.3
10/20/19 19:30	(37.1)	(49.5)	0.0	(86.6)	10/21/19 8:30	(43.9)	6.1	(27.5)	(65.3)
10/20/19 19:45	10.7	(48.3)	(0.0)	(47.1)	10/21/19 8:45	(13.9)	3.4	(23.9)	(33.8)
10/20/19 20:00	(11.5)	(14.6)	(0.0)	(24.3)	10/21/19 9:00	10.9	(8.0)	8.1	14.7
10/20/19 20:15	(41.0)	10.7	0.0	(31.9)	10/21/19 9:15	15.7	6.5	(29.6)	(17.1)
10/20/19 20:30	(11.1)	(8.3)	(0.0)	(13.1)	10/21/19 9:30	(24.1)	(10.6)	(11.3)	(45.9)
10/20/19 20:45	(9.1)	(2.9)	(0.0)	(7.8)	10/21/19 9:45	(9.6)	(11.4)	(1.2)	(13.2)
10/20/19 21:00	(33.5)	24.8	(0.0)	(22.2)	10/21/19 10:00	(12.3)	(15.0)	3.2	(22.7)
10/20/19 21:15	(10.8)	59.8	0.0	59.9	10/21/19 10:15	16.9	(19.3)	14.8	15.4
10/20/19 21:30	(40.7)	48.2	(0.0)	9.6	10/21/19 10:30	(64.2)	44.0	2.9	(32.3)
10/20/19 21:45	21.1	10.5	0.0	22.3	10/21/19 10:45	13.8	12.0	6.3	25.2
10/20/19 22:00	(45.9)	24.3	(0.0)	(21.6)	10/21/19 11:00	(38.5)	(21.4)	4.0	(54.1)
10/20/19 22:15	(31.4)	28.7	(0.0)	(4.0)	10/21/19 11:15	(18.9)	41.4	(5.8)	18.4
10/20/19 22:30	(31.2)	35.4	0.0	4.2	10/21/19 11:30	2.2	(12.7)	(7.0)	(17.8)
10/20/19 22:45	(50.5)	57.5	(0.0)	18.2	10/21/19 11:45	17.1	22.5	(9.3)	29.4
10/20/19 23:00	(20.3)	47.5	(0.0)	28.1	10/21/19 12:00	10.1	1.9	(5.7)	3.9
10/20/19 23:15	(51.0)	22.8	0.0	(30.8)	10/21/19 12:15	2.7	(23.0)	9.6	(13.7)
10/20/19 23:30	19.2	(28.6)	(0.0)	(13.3)	10/21/19 12:30	2.7	(27.7)	(5.7)	(29.8)
10/20/19 23:45	(46.3)	11.0	0.0	(44.4)	10/21/19 12:45	2.3	(11.9)	13.9	5.3
10/21/19 0:00	10.2	(10.7)	(0.0)	(6.9)	10/21/19 13:00	31.5	(25.0)	6.5	12.1
10/21/19 0:15	(15.3)	11.3	(0.0)	(6.2)	10/21/19 13:15	(30.9)	11.4	(3.4)	(22.5)
10/21/19 0:30	(34.0)	(10.2)	0.0	(44.2)	10/21/19 13:30	10.7	16.9	3.8	21.1
10/21/19 0:45	(37.8)	93.2	(0.0)	55.4	10/21/19 13:45	13.8	(29.0)	17.5	6.7
10/21/19 1:00	(8.3)	(7.6)	(0.0)	(11.5)	10/21/19 14:00	(7.2)	(15.8)	2.8	(16.3)
10/21/19 1:15	12.3	(6.7)	(0.0)	5.8	10/21/19 14:15	(22.7)	14.5	8.0	(4.6)
10/21/19 1:30	(7.5)	2.3	(0.0)	(5.6)	10/21/19 14:30	3.2	(6.3)	6.0	8.3
10/21/19 1:45	33.2	(63.8)	0.0	(31.6)	10/21/19 14:45	(6.1)	16.5	(11.4)	7.1
10/21/19 2:00	(19.0)	(8.7)	(0.0)	(25.3)	10/21/19 15:00	24.4	(4.0)	(7.5)	18.1

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/21/19 15:15	(9.7)	(5.2)	(13.5)	(21.6)	10/22/19 4:15	18.3	(1.6)	(0.0)	16.8
10/21/19 15:30	(16.2)	5.1	13.0	(6.8)	10/22/19 4:30	24.0	(6.6)	0.0	17.4
10/21/19 15:45	(14.3)	11.8	(5.5)	3.7	10/22/19 4:45	45.5	10.3	0.0	55.8
10/21/19 16:00	20.4	(16.4)	6.5	6.1	10/22/19 5:00	25.5	6.4	(0.0)	31.9
10/21/19 16:15	18.3	16.0	(9.8)	27.0	10/22/19 5:15	48.1	(4.2)	0.0	47.6
10/21/19 16:30	(22.6)	36.5	(19.3)	(7.2)	10/22/19 5:30	10.0	13.8	(0.0)	22.7
10/21/19 16:45	13.0	7.0	3.6	16.4	10/22/19 5:45	24.5	(30.1)	0.0	(26.5)
10/21/19 17:00	33.9	(7.5)	18.3	49.5	10/22/19 6:00	32.0	(82.7)	0.0	(67.6)
10/21/19 17:15	40.1	11.6	20.5	59.6	10/22/19 6:15	73.3	(1.1)	(0.0)	72.5
10/21/19 17:30	21.3	38.9	22.0	82.1	10/22/19 6:30	23.4	8.3	(0.0)	31.6
10/21/19 17:45	12.7	18.0	16.8	40.8	10/22/19 6:45	14.1	(19.3)	0.0	(11.7)
10/21/19 18:00	35.9	30.3	9.0	74.3	10/22/19 7:00	23.6	(28.8)	(0.0)	(5.3)
10/21/19 18:15	43.9	32.3	3.4	79.7	10/22/19 7:15	7.9	(22.4)	(0.1)	(15.0)
10/21/19 18:30	55.1	36.3	0.2	91.6	10/22/19 7:30	(14.5)	(40.7)	(1.9)	(57.0)
10/21/19 18:45	(32.6)	48.4	(0.0)	16.7	10/22/19 7:45	5.3	(47.6)	(10.7)	(54.6)
10/21/19 19:00	18.4	39.6	(0.0)	55.1	10/22/19 8:00	(29.4)	(13.8)	(19.8)	(52.1)
10/21/19 19:15	(22.8)	5.9	(0.0)	(23.8)	10/22/19 8:15	(4.6)	71.2	(22.2)	46.1
10/21/19 19:30	(27.2)	28.5	0.0	23.0	10/22/19 8:30	(23.5)	50.1	(23.8)	9.3
10/21/19 19:45	(11.8)	(12.7)	(0.0)	(19.9)	10/22/19 8:45	(24.6)	42.2	(19.6)	(8.8)
10/21/19 20:00	(13.9)	(9.2)	(0.0)	(22.1)	10/22/19 9:00	(18.0)	32.6	(14.7)	(5.4)
10/21/19 20:15	(24.0)	56.6	(0.0)	32.6	10/22/19 9:15	(5.9)	5.6	(6.1)	(9.3)
10/21/19 20:30	(35.7)	38.5	0.0	6.6	10/22/19 9:30	2.6	(12.7)	(1.8)	(13.4)
10/21/19 20:45	(13.2)	(17.7)	0.0	(28.9)	10/22/19 9:45	(6.4)	(19.1)	(0.7)	(26.1)
10/21/19 21:00	(21.4)	(15.8)	(0.0)	(37.3)	10/22/19 10:00	6.2	(24.0)	(0.2)	(19.0)
10/21/19 21:15	(37.3)	(9.8)	0.0	(45.2)	10/22/19 10:15	(6.0)	(24.1)	0.7	(28.2)
10/21/19 21:30	(25.0)	(7.2)	0.0	(25.1)	10/22/19 10:30	11.8	(11.4)	1.2	(4.2)
10/21/19 21:45	(26.7)	(5.0)	(0.0)	(27.9)	10/22/19 10:45	7.8	(22.6)	1.3	(16.7)
10/21/19 22:00	(61.5)	5.7	0.0	(57.4)	10/22/19 11:00	(4.0)	9.5	1.0	7.7
10/21/19 22:15	(9.8)	(4.5)	(0.0)	(10.8)	10/22/19 11:15	(12.4)	21.5	1.1	20.4
10/21/19 22:30	(27.5)	3.1	0.0	(25.8)	10/22/19 11:30	13.9	50.8	1.6	66.3
10/21/19 22:45	(82.8)	8.3	0.0	(76.1)	10/22/19 11:45	(16.0)	46.4	1.1	31.5
10/21/19 23:00	(19.5)	7.3	(0.0)	(13.9)	10/22/19 12:00	(29.4)	13.9	1.4	(25.1)
10/21/19 23:15	7.5	(31.1)	(0.0)	(27.0)	10/22/19 12:15	(37.6)	(11.4)	1.2	(43.5)
10/21/19 23:30	(33.2)	(62.4)	(0.0)	(95.6)	10/22/19 12:30	(7.8)	6.9	1.1	6.2
10/21/19 23:45	(19.5)	49.0	(0.0)	31.3	10/22/19 12:45	12.2	6.4	0.3	17.2
10/22/19 0:00	16.0	(41.6)	(0.0)	(26.1)	10/22/19 13:00	(20.7)	21.2	1.1	7.1
10/22/19 0:15	(10.6)	(12.8)	(0.0)	(16.7)	10/22/19 13:15	5.8	16.1	(1.1)	19.0
10/22/19 0:30	14.3	19.0	0.0	33.0	10/22/19 13:30	29.2	12.0	(0.5)	40.2
10/22/19 0:45	(9.2)	3.9	0.0	(5.4)	10/22/19 13:45	9.1	10.5	(0.6)	19.0
10/22/19 1:00	(12.6)	(7.2)	(0.0)	(17.9)	10/22/19 14:00	(17.9)	(4.0)	(0.6)	(21.2)
10/22/19 1:15	(11.9)	17.4	(0.0)	15.1	10/22/19 14:15	14.0	7.3	(0.9)	20.6
10/22/19 1:30	(20.9)	9.2	0.0	(11.7)	10/22/19 14:30	(7.6)	20.4	(1.8)	13.7
10/22/19 1:45	(12.0)	11.5	0.0	(3.8)	10/22/19 14:45	22.5	5.8	(0.8)	25.8
10/22/19 2:00	(2.7)	(8.2)	(0.0)	(7.8)	10/22/19 15:00	(13.8)	(8.8)	(0.9)	(22.8)
10/22/19 2:15	10.0	(12.2)	(0.0)	(2.7)	10/22/19 15:15	(15.5)	(19.1)	(0.5)	(32.6)
10/22/19 2:30	(3.6)	33.8	0.0	33.1	10/22/19 15:30	18.7	(6.9)	(0.4)	16.1
10/22/19 2:45	(2.0)	16.4	(0.0)	15.6	10/22/19 15:45	(22.6)	6.0	0.7	(16.2)
10/22/19 3:00	(4.9)	2.5	0.0	(2.5)	10/22/19 16:00	34.6	(4.7)	2.1	31.7
10/22/19 3:15	7.2	5.7	(0.0)	12.6	10/22/19 16:15	(21.5)	41.3	3.6	29.9
10/22/19 3:30	6.1	5.1	0.0	11.2	10/22/19 16:30	20.6	29.2	15.3	58.1
10/22/19 3:45	7.9	(11.2)	(0.0)	(4.7)	10/22/19 16:45	14.8	(34.5)	20.1	2.7
10/22/19 4:00	11.6	(9.7)	0.0	6.1	10/22/19 17:00	5.1	(21.2)	13.2	(5.7)

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	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/22/19 17:15	21.6	(38.1)	19.3	6.6	10/23/19 6:15	39.1	33.0	0.0	72.0
10/22/19 17:30	18.4	(32.4)	18.3	5.3	10/23/19 6:30	59.1	(42.8)	(0.0)	28.7
10/22/19 17:45	28.6	(31.1)	15.5	13.8	10/23/19 6:45	12.4	(75.9)	0.0	(64.9)
10/22/19 18:00	58.0	12.3	6.4	75.4	10/23/19 7:00	33.3	(4.9)	(0.0)	31.0
10/22/19 18:15	52.2	50.5	1.8	103.5	10/23/19 7:15	(10.7)	43.1	(0.3)	34.7
10/22/19 18:30	(17.5)	22.2	0.0	10.5	10/23/19 7:30	(14.3)	28.3	(1.9)	16.7
10/22/19 18:45	11.4	(63.9)	(0.0)	(61.1)	10/23/19 7:45	21.5	(47.2)	(7.0)	(33.8)
10/22/19 19:00	(25.3)	(73.3)	(0.0)	(98.6)	10/23/19 8:00	(8.8)	23.1	(13.3)	10.8
10/22/19 19:15	(21.8)	57.1	(0.0)	40.1	10/23/19 8:15	9.7	3.1	(7.2)	(8.2)
10/22/19 19:30	12.3	73.1	0.0	78.0	10/23/19 8:30	(47.7)	(7.7)	(5.4)	(60.8)
10/22/19 19:45	10.7	38.1	0.0	42.1	10/23/19 8:45	12.4	(8.5)	(23.8)	(25.6)
10/22/19 20:00	(16.2)	39.4	(0.0)	23.3	10/23/19 9:00	(32.2)	(21.8)	(23.0)	(76.3)
10/22/19 20:15	(54.0)	25.8	(0.0)	(28.2)	10/23/19 9:15	25.4	(10.4)	(8.6)	8.2
10/22/19 20:30	(8.3)	(21.9)	0.0	(27.7)	10/23/19 9:30	(14.6)	6.4	(9.3)	(15.6)
10/22/19 20:45	(20.2)	(24.4)	(0.0)	(44.6)	10/23/19 9:45	(15.4)	(25.0)	20.2	(22.0)
10/22/19 21:00	(81.4)	(37.2)	(0.0)	(118.6)	10/23/19 10:00	17.8	29.9	(9.8)	40.7
10/22/19 21:15	(34.5)	(39.5)	(0.0)	(70.7)	10/23/19 10:15	13.3	(23.1)	(26.7)	(42.8)
10/22/19 21:30	26.5	(13.0)	0.0	14.9	10/23/19 10:30	(29.4)	(12.0)	37.8	(6.2)
10/22/19 21:45	(32.0)	9.1	0.0	(25.4)	10/23/19 10:45	5.1	6.0	(29.6)	(22.5)
10/22/19 22:00	(37.7)	11.1	(0.0)	(30.4)	10/23/19 11:00	(10.7)	1.6	(7.0)	(17.0)
10/22/19 22:15	(31.8)	(10.0)	0.0	(41.4)	10/23/19 11:15	(29.0)	26.9	6.1	8.1
10/22/19 22:30	(39.3)	(18.7)	(0.0)	(57.4)	10/23/19 11:30	15.2	7.7	(7.8)	13.4
10/22/19 22:45	(15.1)	(31.3)	0.0	(46.4)	10/23/19 11:45	7.8	7.7	(5.6)	3.6
10/22/19 23:00	(54.6)	(14.7)	(0.0)	(69.4)	10/23/19 12:00	(15.6)	7.5	6.0	(6.1)
10/22/19 23:15	13.4	(14.2)	0.0	(4.5)	10/23/19 12:15	28.7	(8.6)	3.1	25.0
10/22/19 23:30	29.4	(29.2)	0.0	(10.2)	10/23/19 12:30	7.4	(3.2)	2.3	7.0
10/22/19 23:45	(51.0)	(37.3)	(0.0)	(88.3)	10/23/19 12:45	(22.7)	6.2	(2.2)	(20.5)
10/23/19 0:00	(8.4)	(26.9)	(0.0)	(29.2)	10/23/19 13:00	(13.0)	20.1	(2.4)	8.6
10/23/19 0:15	(6.5)	28.6	(0.0)	25.7	10/23/19 13:15	9.2	(11.8)	3.9	(12.5)
10/23/19 0:30	(37.1)	25.2	0.0	(21.0)	10/23/19 13:30	17.6	9.4	(3.7)	25.9
10/23/19 0:45	(8.8)	47.3	0.0	47.2	10/23/19 13:45	32.7	(6.5)	(5.8)	24.2
10/23/19 1:00	(6.6)	12.6	(0.0)	11.0	10/23/19 14:00	15.0	(24.0)	2.9	(13.7)
10/23/19 1:15	(13.7)	(9.9)	0.0	(12.3)	10/23/19 14:15	6.2	(17.6)	(6.1)	(20.0)
10/23/19 1:30	(11.2)	13.9	(0.0)	8.5	10/23/19 14:30	(21.5)	(3.5)	8.8	(19.4)
10/23/19 1:45	3.0	(4.1)	0.0	(5.1)	10/23/19 14:45	30.0	(9.7)	14.9	35.1
10/23/19 2:00	(14.7)	13.6	(0.0)	(5.5)	10/23/19 15:00	24.0	(0.9)	7.0	30.8
10/23/19 2:15	(33.3)	7.5	0.0	(27.9)	10/23/19 15:15	(23.0)	(2.7)	6.8	(17.6)
10/23/19 2:30	(2.6)	(19.9)	0.0	(21.5)	10/23/19 15:30	43.5	(3.7)	2.8	43.3
10/23/19 2:45	(4.4)	(10.4)	0.0	(14.8)	10/23/19 15:45	3.8	4.0	(19.7)	(14.0)
10/23/19 3:00	1.9	34.7	0.0	34.7	10/23/19 16:00	14.7	1.9	(8.3)	7.9
10/23/19 3:15	5.6	10.6	0.0	15.8	10/23/19 16:15	51.6	(2.6)	7.0	57.7
10/23/19 3:30	7.2	(10.0)	0.0	(8.1)	10/23/19 16:30	20.6	(6.2)	29.9	44.5
10/23/19 3:45	(2.9)	(31.2)	(0.0)	(31.9)	10/23/19 16:45	8.7	9.5	5.3	15.9
10/23/19 4:00	18.2	(11.6)	0.0	9.5	10/23/19 17:00	27.3	13.0	26.1	66.3
10/23/19 4:15	14.7	19.2	(0.0)	34.0	10/23/19 17:15	29.4	14.4	12.4	56.2
10/23/19 4:30	14.1	(3.3)	0.0	14.0	10/23/19 17:30	20.5	24.3	8.1	50.5
10/23/19 4:45	13.8	10.5	0.0	20.5	10/23/19 17:45	9.4	(13.2)	4.5	(14.1)
10/23/19 5:00	35.4	(10.7)	0.0	24.7	10/23/19 18:00	54.2	32.2	4.4	90.3
10/23/19 5:15	42.9	(28.7)	0.0	19.5	10/23/19 18:15	8.0	18.8	1.1	26.8
10/23/19 5:30	11.8	(101.5)	(0.0)	(91.0)	10/23/19 18:30	(14.7)	18.0	0.1	17.1
10/23/19 5:45	37.3	(66.7)	0.0	(48.0)	10/23/19 18:45	16.8	(33.7)	0.0	(22.5)
10/23/19 6:00	78.8	169.5	0.0	248.3	10/23/19 19:00	(9.8)	26.6	(0.0)	17.6

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	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/23/19 19:15	(34.0)	19.6	(0.0)	(18.6)	10/24/19 8:15	(38.2)	70.0	(3.7)	28.1
10/23/19 19:30	16.6	(6.8)	0.0	(13.1)	10/24/19 8:30	(12.1)	66.0	(6.2)	47.9
10/23/19 19:45	(15.2)	(16.2)	(0.0)	(28.4)	10/24/19 8:45	(20.5)	49.4	(2.7)	26.3
10/23/19 20:00	7.6	(40.4)	0.0	(37.1)	10/24/19 9:00	10.8	47.9	(9.7)	47.9
10/23/19 20:15	(42.1)	(43.3)	0.0	(85.4)	10/24/19 9:15	12.6	27.0	(32.6)	8.8
10/23/19 20:30	9.6	30.9	0.0	35.9	10/24/19 9:30	(9.3)	(1.5)	(16.8)	(24.8)
10/23/19 20:45	(23.8)	86.4	0.0	62.6	10/24/19 9:45	(48.6)	19.8	(7.0)	(37.8)
10/23/19 21:00	(53.2)	22.4	0.0	(34.3)	10/24/19 10:00	29.2	23.8	(10.5)	42.5
10/23/19 21:15	(23.1)	(27.5)	0.0	(42.9)	10/24/19 10:15	2.7	23.4	10.5	35.1
10/23/19 21:30	(23.0)	(28.8)	(0.0)	(50.9)	10/24/19 10:30	(26.1)	34.4	(3.9)	16.8
10/23/19 21:45	(14.7)	7.0	(0.0)	(19.1)	10/24/19 10:45	11.8	10.6	(12.1)	11.9
10/23/19 22:00	(30.7)	8.9	0.0	(32.5)	10/24/19 11:00	(10.0)	17.7	(10.0)	19.2
10/23/19 22:15	(8.0)	28.7	(0.0)	25.6	10/24/19 11:15	6.5	16.5	4.5	22.7
10/23/19 22:30	(19.9)	59.4	(0.0)	41.7	10/24/19 11:30	(41.0)	17.9	6.0	(27.0)
10/23/19 22:45	(49.2)	44.5	(0.0)	(9.2)	10/24/19 11:45	11.8	17.7	(4.5)	25.8
10/23/19 23:00	(51.7)	48.5	0.0	(9.2)	10/24/19 12:00	(5.8)	14.7	23.1	33.5
10/23/19 23:15	8.8	51.5	(0.0)	56.1	10/24/19 12:15	(27.2)	10.1	1.3	(17.7)
10/23/19 23:30	(18.1)	62.0	0.0	43.9	10/24/19 12:30	9.7	10.9	2.0	18.2
10/23/19 23:45	(52.1)	36.6	(0.0)	(20.6)	10/24/19 12:45	7.1	12.2	(7.5)	11.2
10/24/19 0:00	(25.8)	23.1	(0.0)	(7.0)	10/24/19 13:00	(36.3)	19.2	7.9	(15.8)
10/24/19 0:15	3.2	(10.3)	(0.0)	(9.6)	10/24/19 13:15	10.0	8.3	(9.8)	13.8
10/24/19 0:30	(19.1)	(4.6)	0.1	(23.6)	10/24/19 13:30	(14.1)	(4.7)	(23.8)	(41.3)
10/24/19 0:45	(10.7)	(8.9)	0.1	(19.6)	10/24/19 13:45	(27.4)	1.3	2.9	(24.3)
10/24/19 1:00	(6.3)	(35.9)	(0.0)	(42.0)	10/24/19 14:00	(7.5)	(3.4)	(2.3)	(11.5)
10/24/19 1:15	(10.2)	(16.9)	0.0	(25.7)	10/24/19 14:15	19.2	(10.7)	(3.4)	9.0
10/24/19 1:30	(6.4)	(30.3)	(0.0)	(30.5)	10/24/19 14:30	(8.2)	3.1	(6.3)	(13.0)
10/24/19 1:45	(4.8)	(28.0)	0.0	(32.3)	10/24/19 14:45	(27.3)	12.4	(2.9)	(19.9)
10/24/19 2:00	(3.8)	(69.9)	(0.0)	(73.5)	10/24/19 15:00	14.8	15.6	(1.9)	23.1
10/24/19 2:15	(2.0)	(74.4)	(0.0)	(76.5)	10/24/19 15:15	(3.6)	10.0	1.0	9.6
10/24/19 2:30	(9.9)	(42.8)	(0.0)	(50.1)	10/24/19 15:30	(15.1)	6.3	(1.3)	(12.6)
10/24/19 2:45	(3.4)	50.9	0.1	48.8	10/24/19 15:45	13.4	23.6	0.2	37.1
10/24/19 3:00	28.5	(25.9)	(0.0)	9.0	10/24/19 16:00	(10.8)	14.4	0.8	19.5
10/24/19 3:15	19.9	(6.0)	0.0	15.4	10/24/19 16:15	(16.6)	11.2	4.4	21.6
10/24/19 3:30	7.6	(13.3)	(0.0)	(6.0)	10/24/19 16:30	34.6	9.9	10.9	55.4
10/24/19 3:45	(29.6)	(24.2)	0.0	(53.8)	10/24/19 16:45	16.6	6.1	16.7	36.5
10/24/19 4:00	41.1	(36.2)	(0.0)	13.3	10/24/19 17:00	13.2	(1.1)	21.1	29.5
10/24/19 4:15	25.1	(24.4)	0.0	6.4	10/24/19 17:15	19.3	2.7	22.5	44.5
10/24/19 4:30	12.0	(29.7)	0.0	(22.6)	10/24/19 17:30	37.7	2.3	19.1	58.6
10/24/19 4:45	24.3	48.9	0.0	71.9	10/24/19 17:45	18.4	(5.1)	15.4	26.9
10/24/19 5:00	32.3	29.7	0.0	61.9	10/24/19 18:00	40.5	(4.5)	5.7	41.9
10/24/19 5:15	13.7	36.7	(0.1)	43.3	10/24/19 18:15	16.4	(17.7)	1.5	(3.6)
10/24/19 5:30	38.3	(28.2)	0.0	10.3	10/24/19 18:30	32.6	(17.4)	0.0	19.2
10/24/19 5:45	47.6	(61.9)	0.1	(14.9)	10/24/19 18:45	16.7	(15.5)	(0.0)	(11.5)
10/24/19 6:00	36.8	15.6	(0.0)	48.8	10/24/19 19:00	13.9	(18.3)	(0.0)	(10.7)
10/24/19 6:15	23.9	22.1	(0.0)	36.5	10/24/19 19:15	(32.8)	(14.4)	0.0	(47.2)
10/24/19 6:30	44.8	(70.4)	0.1	(25.6)	10/24/19 19:30	14.7	(19.3)	0.0	(8.1)
10/24/19 6:45	50.1	(57.9)	(0.2)	(13.3)	10/24/19 19:45	(5.4)	2.2	(0.0)	(6.2)
10/24/19 7:00	70.5	(16.8)	0.1	64.5	10/24/19 20:00	(36.5)	2.9	0.0	(34.0)
10/24/19 7:15	24.4	14.4	0.0	31.0	10/24/19 20:15	24.8	(19.3)	(0.0)	10.7
10/24/19 7:30	(10.1)	17.0	(0.2)	10.8	10/24/19 20:30	(15.9)	(23.2)	(0.0)	(39.1)
10/24/19 7:45	(10.7)	43.5	(0.7)	32.1	10/24/19 20:45	(41.4)	(25.4)	0.0	(66.8)
10/24/19 8:00	4.3	54.2	(1.5)	55.1	10/24/19 21:00	(6.9)	(23.1)	(0.0)	(29.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/24/19 21:15	(14.0)	(35.4)	0.0	(47.6)	10/25/19 10:15	(3.5)	19.7	0.7	17.6
10/24/19 21:30	(33.9)	(47.9)	(0.0)	(79.6)	10/25/19 10:30	(36.3)	15.3	0.6	(22.1)
10/24/19 21:45	(45.5)	(43.2)	0.0	(87.2)	10/25/19 10:45	12.3	3.8	1.3	15.1
10/24/19 22:00	(15.0)	(27.9)	0.0	(43.0)	10/25/19 11:00	(5.3)	1.3	1.1	(4.9)
10/24/19 22:15	(19.5)	(43.8)	(0.0)	(63.4)	10/25/19 11:15	(22.9)	11.6	1.7	(12.1)
10/24/19 22:30	(58.7)	(55.8)	(0.0)	(114.6)	10/25/19 11:30	19.0	8.8	1.6	24.9
10/24/19 22:45	(9.0)	(46.8)	(0.0)	(55.4)	10/25/19 11:45	(16.2)	9.3	1.6	(7.2)
10/24/19 23:00	(32.6)	(70.9)	(0.0)	(103.5)	10/25/19 12:00	(45.8)	6.2	1.0	(38.6)
10/24/19 23:15	32.0	(75.8)	0.0	(46.0)	10/25/19 12:15	(9.5)	14.5	0.9	18.6
10/24/19 23:30	(13.0)	(59.7)	(0.0)	(71.5)	10/25/19 12:30	21.2	18.1	0.8	39.0
10/24/19 23:45	(33.6)	(23.3)	(0.0)	(56.5)	10/25/19 12:45	6.5	8.9	0.7	16.1
10/25/19 0:00	(34.2)	27.9	(0.0)	(28.3)	10/25/19 13:00	(26.1)	1.3	0.2	(25.6)
10/25/19 0:15	(5.6)	63.1	(0.0)	58.8	10/25/19 13:15	16.2	2.1	0.2	17.4
10/25/19 0:30	(4.3)	42.5	(0.0)	38.3	10/25/19 13:30	(3.9)	(1.5)	(0.2)	(4.5)
10/25/19 0:45	24.7	(36.6)	(0.0)	(11.8)	10/25/19 13:45	(33.0)	1.0	(0.5)	(32.5)
10/25/19 1:00	2.9	(31.9)	0.0	(29.7)	10/25/19 14:00	(15.0)	2.6	(0.5)	(14.4)
10/25/19 1:15	32.0	(24.4)	(0.0)	25.2	10/25/19 14:15	8.6	8.4	(0.8)	16.2
10/25/19 1:30	(10.8)	42.0	(0.0)	31.2	10/25/19 14:30	7.8	3.0	(0.8)	10.0
10/25/19 1:45	(28.2)	46.7	0.0	18.5	10/25/19 14:45	(19.3)	(1.0)	(0.5)	(19.6)
10/25/19 2:00	(12.2)	44.2	0.0	39.5	10/25/19 15:00	15.7	2.1	(0.9)	14.3
10/25/19 2:15	(45.8)	27.8	(0.0)	(25.1)	10/25/19 15:15	7.9	9.6	(0.1)	17.3
10/25/19 2:30	(6.4)	32.6	0.1	29.9	10/25/19 15:30	(17.6)	5.1	(0.1)	(14.0)
10/25/19 2:45	(8.8)	28.2	0.1	26.7	10/25/19 15:45	22.0	6.0	0.9	28.8
10/25/19 3:00	13.3	31.2	0.1	44.6	10/25/19 16:00	16.5	2.8	2.2	21.5
10/25/19 3:15	33.7	29.0	(0.0)	58.6	10/25/19 16:15	(21.6)	(0.5)	4.4	(19.0)
10/25/19 3:30	(15.2)	33.3	0.0	22.6	10/25/19 16:30	28.4	(2.6)	10.9	36.6
10/25/19 3:45	7.9	37.2	(0.0)	38.0	10/25/19 16:45	15.0	(4.8)	17.1	27.3
10/25/19 4:00	10.1	35.2	0.0	39.3	10/25/19 17:00	(12.6)	(11.6)	20.1	8.9
10/25/19 4:15	8.6	18.3	(0.0)	26.3	10/25/19 17:15	37.1	(20.5)	21.1	37.7
10/25/19 4:30	28.8	8.7	0.0	37.4	10/25/19 17:30	17.1	(44.2)	18.8	(8.6)
10/25/19 4:45	21.8	13.1	(0.0)	34.9	10/25/19 17:45	(23.7)	(36.8)	15.0	(43.0)
10/25/19 5:00	9.2	15.0	0.0	19.0	10/25/19 18:00	(4.3)	(39.0)	4.9	(36.6)
10/25/19 5:15	54.2	5.7	(0.0)	59.0	10/25/19 18:15	22.7	(40.8)	1.0	(30.2)
10/25/19 5:30	39.8	(8.8)	(0.0)	31.0	10/25/19 18:30	31.0	(25.7)	0.1	14.5
10/25/19 5:45	8.6	(9.9)	0.0	(11.2)	10/25/19 18:45	19.7	(20.6)	0.0	(8.7)
10/25/19 6:00	64.4	0.9	0.0	65.0	10/25/19 19:00	14.1	(16.8)	(0.0)	(6.9)
10/25/19 6:15	46.4	2.9	0.0	48.8	10/25/19 19:15	(2.9)	(19.8)	(0.0)	(21.8)
10/25/19 6:30	14.8	(16.5)	(0.0)	(11.7)	10/25/19 19:30	(29.1)	(18.4)	(0.0)	(47.5)
10/25/19 6:45	25.0	(29.3)	(0.1)	(10.1)	10/25/19 19:45	15.1	(18.0)	0.0	(17.9)
10/25/19 7:00	30.4	(31.5)	(0.0)	(7.3)	10/25/19 20:00	(14.5)	(37.4)	0.0	(46.4)
10/25/19 7:15	5.0	(13.5)	(0.1)	(16.9)	10/25/19 20:15	(30.2)	(37.0)	0.0	(67.2)
10/25/19 7:30	27.0	15.7	(1.7)	41.1	10/25/19 20:30	(12.3)	(22.7)	(0.0)	(35.1)
10/25/19 7:45	(8.5)	19.5	(8.9)	5.7	10/25/19 20:45	(17.0)	(61.1)	(0.0)	(78.1)
10/25/19 8:00	(11.9)	11.2	(16.8)	(17.5)	10/25/19 21:00	(11.2)	(73.5)	0.0	(84.1)
10/25/19 8:15	(21.7)	19.4	(21.3)	(26.6)	10/25/19 21:15	(10.0)	(11.2)	(0.0)	(21.2)
10/25/19 8:30	(8.8)	46.8	(24.7)	19.6	10/25/19 21:30	(9.9)	(1.7)	(0.0)	(10.7)
10/25/19 8:45	(21.3)	44.8	(21.8)	5.9	10/25/19 21:45	(18.2)	12.6	0.0	(5.6)
10/25/19 9:00	(24.4)	42.1	(16.7)	15.9	10/25/19 22:00	(30.2)	24.1	(0.0)	(7.2)
10/25/19 9:15	(47.9)	14.9	(9.1)	(44.2)	10/25/19 22:15	(27.3)	(8.3)	0.0	(34.9)
10/25/19 9:30	(26.2)	11.4	(2.5)	(17.4)	10/25/19 22:30	(23.9)	(16.2)	0.0	(40.1)
10/25/19 9:45	(43.2)	(13.2)	(0.9)	(57.4)	10/25/19 22:45	32.4	(13.4)	(0.0)	24.9
10/25/19 10:00	13.8	7.5	0.1	15.5	10/25/19 23:00	35.8	(12.4)	0.0	28.7

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/25/19 23:15	(34.8)	(12.5)	0.0	(46.3)	10/26/19 12:15	6.9	(5.0)	(4.4)	(5.8)
10/25/19 23:30	9.3	(21.2)	0.0	(19.3)	10/26/19 12:30	(14.2)	8.9	2.0	(8.6)
10/25/19 23:45	(18.1)	(31.0)	(0.1)	(49.1)	10/26/19 12:45	11.5	26.4	(0.6)	33.4
10/26/19 0:00	(33.2)	3.2	0.0	(31.5)	10/26/19 13:00	3.4	(14.1)	0.4	(13.2)
10/26/19 0:15	4.5	2.9	(0.1)	6.3	10/26/19 13:15	(18.0)	(7.2)	0.1	(22.2)
10/26/19 0:30	(12.6)	55.7	(0.0)	43.1	10/26/19 13:30	14.3	16.6	(0.4)	28.1
10/26/19 0:45	(13.5)	(8.6)	0.0	(21.0)	10/26/19 13:45	6.6	19.3	(0.8)	23.8
10/26/19 1:00	(4.0)	4.6	(0.0)	(2.4)	10/26/19 14:00	(23.7)	(6.8)	(0.8)	(29.8)
10/26/19 1:15	(11.3)	5.2	(0.0)	(10.2)	10/26/19 14:15	18.8	4.6	(0.9)	18.6
10/26/19 1:30	25.9	(7.9)	0.0	22.8	10/26/19 14:30	10.2	(8.1)	(0.8)	8.0
10/26/19 1:45	1.8	(1.8)	0.0	1.3	10/26/19 14:45	(18.6)	(35.1)	(0.6)	(54.2)
10/26/19 2:00	(16.9)	4.3	(0.0)	(13.6)	10/26/19 15:00	17.7	(54.2)	(1.0)	(39.6)
10/26/19 2:15	(19.3)	4.0	(0.0)	(16.5)	10/26/19 15:15	15.6	(27.3)	7.3	(8.2)
10/26/19 2:30	12.8	(2.2)	0.0	13.1	10/26/19 15:30	7.7	(44.5)	34.1	(18.1)
10/26/19 2:45	5.2	(10.1)	0.0	(6.0)	10/26/19 15:45	29.1	(65.0)	37.1	12.5
10/26/19 3:00	(24.1)	(14.3)	(0.0)	(38.4)	10/26/19 16:00	15.0	(36.3)	1.7	(21.2)
10/26/19 3:15	17.0	8.8	0.1	23.5	10/26/19 16:15	8.2	15.9	0.7	20.2
10/26/19 3:30	7.0	40.5	(0.1)	44.9	10/26/19 16:30	19.0	(9.5)	1.7	11.3
10/26/19 3:45	(15.8)	22.2	0.0	11.3	10/26/19 16:45	29.9	(43.5)	3.5	(10.9)
10/26/19 4:00	18.5	21.0	0.0	39.5	10/26/19 17:00	17.5	(42.6)	5.7	(19.9)
10/26/19 4:15	13.1	23.2	(0.0)	36.2	10/26/19 17:15	16.2	(25.2)	7.3	(2.5)
10/26/19 4:30	(30.6)	39.3	(0.0)	8.7	10/26/19 17:30	42.1	(48.6)	6.4	(6.6)
10/26/19 4:45	19.1	40.5	0.0	59.6	10/26/19 17:45	(12.8)	(23.0)	6.8	(21.5)
10/26/19 5:00	38.2	38.0	(0.0)	76.2	10/26/19 18:00	48.3	(31.6)	4.7	21.7
10/26/19 5:15	18.7	25.2	0.1	44.0	10/26/19 18:15	26.4	(23.2)	0.9	32.1
10/26/19 5:30	(7.3)	11.2	(0.0)	8.8	10/26/19 18:30	16.7	(31.2)	0.0	(33.6)
10/26/19 5:45	18.7	(7.0)	(0.0)	14.9	10/26/19 18:45	(14.2)	(9.3)	0.0	(17.8)
10/26/19 6:00	34.5	(7.6)	0.0	26.8	10/26/19 19:00	(9.0)	(17.5)	(0.0)	(25.9)
10/26/19 6:15	14.3	(8.6)	0.0	(6.5)	10/26/19 19:15	(12.8)	4.9	(0.0)	(10.3)
10/26/19 6:30	13.1	33.1	0.0	38.3	10/26/19 19:30	(10.3)	23.0	0.0	13.1
10/26/19 6:45	14.3	9.5	0.0	23.7	10/26/19 19:45	(8.6)	17.2	(0.0)	11.9
10/26/19 7:00	12.4	4.0	0.0	15.2	10/26/19 20:00	(9.0)	(19.6)	0.0	(28.6)
10/26/19 7:15	(24.4)	4.5	(0.0)	(21.2)	10/26/19 20:15	(9.4)	(2.6)	0.0	(11.9)
10/26/19 7:30	33.8	2.7	(1.7)	34.8	10/26/19 20:30	(9.3)	6.1	(0.0)	(4.4)
10/26/19 7:45	14.1	6.4	(7.7)	13.0	10/26/19 20:45	(7.1)	4.2	(0.0)	(5.0)
10/26/19 8:00	(12.6)	12.1	(16.8)	(15.9)	10/26/19 21:00	8.5	4.9	0.0	7.8
10/26/19 8:15	19.3	23.9	(20.6)	21.0	10/26/19 21:15	(26.1)	44.7	(0.0)	18.6
10/26/19 8:30	(15.2)	21.5	(24.4)	(19.1)	10/26/19 21:30	(16.9)	20.4	0.0	4.0
10/26/19 8:45	(10.5)	16.6	(21.6)	(16.8)	10/26/19 21:45	(20.7)	22.5	(0.0)	3.3
10/26/19 9:00	6.2	28.9	(16.2)	13.9	10/26/19 22:00	(23.3)	8.4	(0.0)	(16.4)
10/26/19 9:15	(8.9)	3.7	(8.8)	(13.2)	10/26/19 22:15	7.7	(15.8)	(0.0)	(9.4)
10/26/19 9:30	11.7	(3.7)	(2.5)	8.0	10/26/19 22:30	26.5	(17.8)	0.0	8.7
10/26/19 9:45	(6.7)	(18.4)	(0.8)	(23.2)	10/26/19 22:45	22.2	(20.5)	(0.0)	(5.5)
10/26/19 10:00	(14.3)	(37.9)	1.2	(51.0)	10/26/19 23:00	(22.9)	4.6	0.0	(21.0)
10/26/19 10:15	(52.8)	(30.8)	1.1	(82.5)	10/26/19 23:15	(20.9)	14.1	0.0	(8.3)
10/26/19 10:30	17.5	12.0	0.8	28.8	10/26/19 23:30	(20.3)	19.9	0.0	1.4
10/26/19 10:45	11.5	(17.9)	1.2	(11.4)	10/26/19 23:45	(22.2)	21.3	(0.0)	(5.3)
10/26/19 11:00	(10.9)	(56.7)	1.4	(59.5)	10/27/19 0:00	(24.7)	18.0	(0.0)	(7.6)
10/26/19 11:15	(8.0)	(12.9)	1.0	(19.9)	10/27/19 0:15	(15.8)	18.2	(0.0)	6.4
10/26/19 11:30	(16.0)	1.4	3.2	(12.4)	10/27/19 0:30	12.3	7.5	(0.0)	17.0
10/26/19 11:45	(37.3)	10.2	5.7	(23.7)	10/27/19 0:45	(35.7)	40.8	(0.0)	6.1
10/26/19 12:00	(27.2)	(19.8)	1.5	(39.1)	10/27/19 1:00	11.4	(10.9)	(0.0)	5.2

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/27/19 1:15	26.7	(20.0)	0.0	9.7	10/27/19 14:15	7.0	(4.5)	5.4	7.0
10/27/19 1:30	5.1	1.4	(0.0)	5.2	10/27/19 14:30	24.5	2.3	(3.7)	23.9
10/27/19 1:45	(26.8)	(4.8)	0.0	(27.0)	10/27/19 14:45	(8.3)	(12.3)	5.5	(14.4)
10/27/19 2:00	17.5	(14.2)	0.0	7.3	10/27/19 15:00	11.7	(19.2)	(1.8)	(12.8)
10/27/19 2:15	4.9	6.2	(0.0)	10.6	10/27/19 15:15	(10.0)	3.5	(6.9)	(7.8)
10/27/19 2:30	(14.3)	8.8	0.0	(7.2)	10/27/19 15:30	10.8	2.8	7.5	17.3
10/27/19 2:45	15.6	(12.2)	(0.0)	5.8	10/27/19 15:45	10.7	(14.5)	(12.3)	(16.0)
10/27/19 3:00	2.8	(19.1)	0.0	(16.6)	10/27/19 16:00	(10.4)	(20.2)	(1.6)	(23.1)
10/27/19 3:15	(27.5)	28.5	0.0	6.3	10/27/19 16:15	25.6	(4.2)	1.4	23.1
10/27/19 3:30	(7.8)	12.7	0.0	6.3	10/27/19 16:30	20.5	(4.1)	1.4	17.9
10/27/19 3:45	6.1	(14.4)	(0.0)	(9.3)	10/27/19 16:45	10.3	6.6	6.9	20.0
10/27/19 4:00	32.3	(19.2)	0.0	21.8	10/27/19 17:00	28.1	17.9	8.3	54.1
10/27/19 4:15	13.2	(13.9)	(0.0)	12.2	10/27/19 17:15	22.8	4.8	9.4	36.1
10/27/19 4:30	16.0	19.4	0.0	34.1	10/27/19 17:30	(12.3)	(10.1)	7.7	(14.9)
10/27/19 4:45	7.6	(21.2)	(0.0)	(25.8)	10/27/19 17:45	31.9	(4.6)	4.8	31.9
10/27/19 5:00	26.1	16.2	0.0	33.7	10/27/19 18:00	57.7	(8.7)	2.4	51.4
10/27/19 5:15	(28.4)	45.4	0.0	33.8	10/27/19 18:15	21.2	(7.3)	0.2	14.2
10/27/19 5:30	(28.8)	46.4	(0.0)	31.5	10/27/19 18:30	(18.1)	6.6	0.0	(13.0)
10/27/19 5:45	21.1	43.3	0.0	64.4	10/27/19 18:45	14.4	19.0	0.0	27.5
10/27/19 6:00	(12.8)	32.1	0.0	34.6	10/27/19 19:00	(6.9)	9.5	0.0	(7.0)
10/27/19 6:15	(34.0)	42.8	(0.0)	19.2	10/27/19 19:15	(32.4)	6.9	(0.0)	(25.8)
10/27/19 6:30	25.8	33.1	0.0	58.9	10/27/19 19:30	11.9	20.2	0.0	24.1
10/27/19 6:45	44.9	13.0	0.0	57.9	10/27/19 19:45	(6.9)	21.0	(0.0)	14.2
10/27/19 7:00	31.6	26.9	0.0	58.5	10/27/19 20:00	(34.3)	11.6	0.0	(23.4)
10/27/19 7:15	(22.5)	44.6	(0.0)	25.7	10/27/19 20:15	10.5	16.1	0.0	22.6
10/27/19 7:30	21.9	35.3	(0.0)	56.8	10/27/19 20:30	(14.3)	3.0	(0.0)	(13.0)
10/27/19 7:45	24.4	49.2	(3.2)	70.4	10/27/19 20:45	(50.5)	(3.9)	0.0	(50.6)
10/27/19 8:00	(14.5)	13.7	(7.7)	(12.7)	10/27/19 21:00	(7.1)	4.8	0.0	(9.0)
10/27/19 8:15	28.8	2.9	(9.8)	22.1	10/27/19 21:15	(9.4)	(8.9)	(0.0)	(18.2)
10/27/19 8:30	19.0	8.0	(10.8)	16.0	10/27/19 21:30	(47.8)	(11.7)	0.0	(59.4)
10/27/19 8:45	(15.3)	(4.6)	(10.1)	(24.6)	10/27/19 21:45	(19.4)	(11.1)	0.0	(29.4)
10/27/19 9:00	36.7	11.1	(8.1)	39.9	10/27/19 22:00	(11.5)	(4.4)	0.0	(15.1)
10/27/19 9:15	17.8	2.8	(4.9)	15.7	10/27/19 22:15	(33.7)	(5.4)	(0.0)	(39.1)
10/27/19 9:30	(10.8)	14.7	(2.7)	10.3	10/27/19 22:30	(16.9)	7.4	0.0	(13.1)
10/27/19 9:45	18.4	12.1	(2.6)	27.9	10/27/19 22:45	(31.0)	5.0	(0.0)	(26.1)
10/27/19 10:00	25.4	(0.9)	(1.2)	23.9	10/27/19 23:00	(66.3)	22.8	(0.0)	(43.5)
10/27/19 10:15	(15.2)	6.9	(1.8)	14.7	10/27/19 23:15	6.2	11.5	0.0	17.4
10/27/19 10:30	14.3	(3.5)	(1.2)	11.5	10/27/19 23:30	(9.8)	(11.8)	0.0	(19.8)
10/27/19 10:45	15.9	8.8	(0.4)	23.3	10/27/19 23:45	(30.6)	(11.5)	0.0	(41.9)
10/27/19 11:00	(11.4)	4.8	(0.9)	12.6	10/28/19 0:00	(33.3)	3.7	(0.0)	(31.7)
10/27/19 11:15	(21.7)	(2.1)	(2.9)	(23.8)	10/28/19 0:15	13.1	(12.4)	0.0	7.1
10/27/19 11:30	(45.1)	8.3	1.4	(36.5)	10/28/19 0:30	(4.2)	(10.9)	(0.0)	(15.0)
10/27/19 11:45	30.0	(7.6)	1.6	25.0	10/28/19 0:45	(31.6)	17.4	0.0	(15.4)
10/27/19 12:00	21.6	(5.5)	(1.8)	15.8	10/28/19 1:00	(21.4)	28.3	(0.0)	12.0
10/27/19 12:15	9.0	(12.5)	2.3	(8.3)	10/28/19 1:15	16.8	24.7	(0.0)	32.9
10/27/19 12:30	(13.0)	(8.4)	(0.6)	(20.0)	10/28/19 1:30	23.4	6.0	0.0	29.5
10/27/19 12:45	20.9	14.6	6.0	41.6	10/28/19 1:45	(30.7)	2.3	0.0	(28.8)
10/27/19 13:00	5.2	20.2	8.6	32.8	10/28/19 2:00	19.1	4.9	(0.0)	22.5
10/27/19 13:15	(22.5)	20.1	(4.6)	(12.3)	10/28/19 2:15	12.3	14.2	(0.0)	26.4
10/27/19 13:30	12.8	7.6	14.7	34.9	10/28/19 2:30	(34.5)	9.4	0.0	(28.6)
10/27/19 13:45	5.5	2.2	5.6	12.8	10/28/19 2:45	28.2	9.6	(0.0)	35.0
10/27/19 14:00	(16.2)	2.1	(1.0)	(16.1)	10/28/19 3:00	9.8	13.3	0.0	23.1

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/28/19 3:15	(22.9)	19.1	(0.0)	(12.8)	10/28/19 16:15	7.0	(23.2)	(12.5)	(29.9)
10/28/19 3:30	(20.6)	8.1	0.0	(15.5)	10/28/19 16:30	17.0	(10.8)	10.4	16.4
10/28/19 3:45	5.9	3.4	0.0	9.3	10/28/19 16:45	(13.0)	1.6	16.5	21.7
10/28/19 4:00	(40.9)	(2.5)	0.0	(43.4)	10/28/19 17:00	31.7	(6.3)	19.3	45.8
10/28/19 4:15	16.9	1.1	(0.0)	17.6	10/28/19 17:15	20.8	(17.9)	20.3	23.2
10/28/19 4:30	16.2	3.8	0.0	20.0	10/28/19 17:30	14.2	5.4	17.5	31.6
10/28/19 4:45	17.4	1.6	0.0	19.0	10/28/19 17:45	49.1	(27.5)	10.8	32.4
10/28/19 5:00	(22.5)	2.2	(0.0)	(20.3)	10/28/19 18:00	39.9	(17.2)	4.2	27.0
10/28/19 5:15	22.5	2.8	(0.0)	25.0	10/28/19 18:15	20.2	(6.7)	0.5	15.4
10/28/19 5:30	41.1	(0.3)	0.0	40.8	10/28/19 18:30	36.4	(37.1)	0.0	(15.8)
10/28/19 5:45	62.1	0.8	(0.0)	62.8	10/28/19 18:45	20.4	(16.1)	(0.0)	14.0
10/28/19 6:00	51.3	0.7	0.0	51.9	10/28/19 19:00	(28.6)	51.6	(0.0)	23.0
10/28/19 6:15	26.8	(1.9)	(0.0)	25.8	10/28/19 19:15	(6.6)	26.4	(0.0)	19.8
10/28/19 6:30	68.0	(2.0)	0.0	65.9	10/28/19 19:30	(13.5)	10.3	0.0	(11.2)
10/28/19 6:45	69.2	1.7	0.0	70.6	10/28/19 19:45	(45.8)	(46.3)	(0.0)	(92.1)
10/28/19 7:00	22.0	3.5	0.0	25.1	10/28/19 20:00	18.5	(24.1)	(0.0)	(9.3)
10/28/19 7:15	43.9	(3.2)	(0.0)	41.0	10/28/19 20:15	(9.9)	24.9	(0.0)	21.1
10/28/19 7:30	12.7	(8.8)	(0.0)	3.8	10/28/19 20:30	(47.1)	49.0	0.0	17.4
10/28/19 7:45	(15.0)	(13.9)	(0.2)	(22.7)	10/28/19 20:45	(7.6)	(26.2)	(0.0)	(26.4)
10/28/19 8:00	32.2	(7.2)	(0.2)	25.4	10/28/19 21:00	(30.3)	(6.9)	0.0	(37.1)
10/28/19 8:15	17.7	9.5	(1.5)	25.3	10/28/19 21:15	(35.1)	(37.0)	(0.0)	(72.1)
10/28/19 8:30	(11.0)	11.1	(1.4)	7.8	10/28/19 21:30	(57.2)	(3.0)	(0.0)	(60.2)
10/28/19 8:45	(11.4)	(4.4)	(6.7)	(22.5)	10/28/19 21:45	2.8	(10.0)	0.0	(9.1)
10/28/19 9:00	4.8	(1.5)	(5.5)	(4.6)	10/28/19 22:00	(35.3)	17.6	(0.0)	(17.8)
10/28/19 9:15	6.2	(4.3)	(1.8)	2.6	10/28/19 22:15	(50.2)	19.7	(0.0)	(30.5)
10/28/19 9:30	(8.4)	6.7	4.1	3.4	10/28/19 22:30	(23.3)	(27.1)	0.0	(50.4)
10/28/19 9:45	8.2	4.1	(1.9)	8.5	10/28/19 22:45	(29.4)	(29.5)	(0.0)	(59.0)
10/28/19 10:00	2.3	(10.4)	(3.6)	(12.6)	10/28/19 23:00	(48.5)	5.3	0.0	(47.5)
10/28/19 10:15	10.9	2.0	(6.9)	7.1	10/28/19 23:15	(9.1)	26.0	(0.0)	26.2
10/28/19 10:30	5.8	6.1	7.8	19.6	10/28/19 23:30	(22.2)	22.1	(0.0)	(5.1)
10/28/19 10:45	(2.8)	1.8	3.8	5.8	10/28/19 23:45	(40.5)	32.8	(0.0)	(13.6)
10/28/19 11:00	3.6	(3.3)	(10.3)	(12.6)	10/29/19 0:00	9.0	43.7	(0.0)	43.9
10/28/19 11:15	(2.4)	(1.6)	(11.3)	(13.6)	10/29/19 0:15	(5.7)	43.1	(0.0)	37.4
10/28/19 11:30	(4.0)	(7.0)	2.1	(9.2)	10/29/19 0:30	(39.3)	26.6	0.0	(12.7)
10/28/19 11:45	19.3	(7.0)	0.9	14.2	10/29/19 0:45	11.7	15.6	(0.0)	26.4
10/28/19 12:00	(15.2)	(15.8)	3.1	(25.5)	10/29/19 1:00	(7.7)	10.2	(0.0)	4.5
10/28/19 12:15	(7.4)	2.5	(2.0)	(5.9)	10/29/19 1:15	(30.7)	25.6	(0.0)	(13.1)
10/28/19 12:30	(39.6)	(3.7)	8.2	(35.1)	10/29/19 1:30	10.2	20.8	(0.0)	26.0
10/28/19 12:45	(17.1)	3.8	(5.9)	(18.1)	10/29/19 1:45	(2.7)	(4.2)	0.0	(6.8)
10/28/19 13:00	9.8	(1.8)	(7.1)	6.7	10/29/19 2:00	(17.6)	0.7	(0.0)	(17.3)
10/28/19 13:15	8.7	(11.6)	6.3	(8.2)	10/29/19 2:15	12.4	(4.7)	0.0	12.7
10/28/19 13:30	(45.1)	(4.7)	(1.8)	(50.2)	10/29/19 2:30	5.8	(46.1)	0.0	(40.7)
10/28/19 13:45	11.7	(0.5)	5.4	14.6	10/29/19 2:45	21.0	(56.3)	0.0	(43.4)
10/28/19 14:00	(10.7)	(2.7)	(4.1)	(16.0)	10/29/19 3:00	28.9	(31.0)	(0.0)	(22.7)
10/28/19 14:15	(29.7)	(5.3)	(10.9)	(45.1)	10/29/19 3:15	20.0	(71.5)	0.0	(54.1)
10/28/19 14:30	11.9	(6.7)	(23.4)	(22.5)	10/29/19 3:30	(22.2)	(40.1)	(0.0)	(56.4)
10/28/19 14:45	5.1	5.1	(20.2)	(10.9)	10/29/19 3:45	25.0	(85.8)	0.0	(61.2)
10/28/19 15:00	(38.4)	1.1	(18.8)	(56.2)	10/29/19 4:00	10.7	(49.6)	0.0	(39.1)
10/28/19 15:15	15.6	(5.5)	11.4	20.5	10/29/19 4:15	(23.2)	(73.0)	0.0	(95.1)
10/28/19 15:30	4.6	(17.0)	18.2	4.7	10/29/19 4:30	19.2	(18.6)	0.0	(5.9)
10/28/19 15:45	(22.9)	(14.5)	(12.0)	(47.4)	10/29/19 4:45	25.3	(6.3)	(0.0)	20.1
10/28/19 16:00	26.6	(13.7)	(7.5)	12.8	10/29/19 5:00	32.4	30.5	0.0	62.9

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/29/19 5:15	43.1	37.0	(0.0)	80.1	10/29/19 18:15	11.5	20.2	0.0	28.3
10/29/19 5:30	37.9	10.5	(0.0)	48.4	10/29/19 18:30	(11.0)	35.3	0.0	31.8
10/29/19 5:45	30.7	16.8	(0.0)	47.5	10/29/19 18:45	8.5	31.0	0.0	38.8
10/29/19 6:00	45.2	15.4	(0.0)	60.6	10/29/19 19:00	(48.0)	20.3	(0.0)	(30.3)
10/29/19 6:15	60.8	6.3	(0.0)	67.0	10/29/19 19:15	(31.9)	2.2	(0.0)	(29.7)
10/29/19 6:30	(8.2)	(2.0)	0.0	(9.7)	10/29/19 19:30	(16.0)	16.4	0.0	3.6
10/29/19 6:45	34.8	(2.9)	(0.0)	32.7	10/29/19 19:45	12.2	8.3	0.0	19.2
10/29/19 7:00	37.8	2.9	(0.0)	40.3	10/29/19 20:00	(40.0)	11.8	(0.0)	(28.5)
10/29/19 7:15	21.3	(16.3)	(0.1)	8.4	10/29/19 20:15	57.0	(33.4)	0.0	26.7
10/29/19 7:30	3.3	(10.3)	0.1	(7.7)	10/29/19 20:30	(53.9)	9.5	0.0	(45.8)
10/29/19 7:45	(3.2)	(13.6)	(1.0)	(15.9)	10/29/19 20:45	(19.6)	14.6	(0.0)	(7.6)
10/29/19 8:00	12.3	(13.3)	(1.3)	(2.3)	10/29/19 21:00	(24.7)	3.6	0.0	(22.7)
10/29/19 8:15	9.2	(8.8)	(4.7)	(4.2)	10/29/19 21:15	(13.3)	4.6	(0.0)	(10.4)
10/29/19 8:30	9.2	(10.7)	(18.4)	(19.9)	10/29/19 21:30	(42.0)	(19.6)	(0.0)	(59.7)
10/29/19 8:45	16.8	(2.0)	(5.7)	9.8	10/29/19 21:45	(41.3)	11.9	(0.0)	(30.1)
10/29/19 9:00	9.8	(10.8)	(8.0)	(9.0)	10/29/19 22:00	(18.8)	(6.8)	0.0	(25.4)
10/29/19 9:15	10.6	(2.2)	(13.6)	(4.3)	10/29/19 22:15	(58.4)	(16.5)	0.0	(74.9)
10/29/19 9:30	3.5	(21.2)	7.6	(10.8)	10/29/19 22:30	(9.1)	(9.5)	0.0	(16.0)
10/29/19 9:45	8.8	(41.9)	15.3	(18.0)	10/29/19 22:45	(39.4)	33.9	0.0	(5.6)
10/29/19 10:00	5.0	(33.9)	3.0	(27.4)	10/29/19 23:00	(51.6)	7.2	(0.0)	(46.1)
10/29/19 10:15	(4.0)	14.8	(7.6)	3.7	10/29/19 23:15	21.3	33.7	(0.0)	46.9
10/29/19 10:30	3.6	15.0	(6.7)	12.7	10/29/19 23:30	(16.6)	(20.6)	0.0	(36.3)
10/29/19 10:45	1.2	(17.2)	(3.1)	(19.3)	10/29/19 23:45	(40.7)	(40.3)	0.0	(81.0)
10/29/19 11:00	(4.1)	(132.0)	(13.1)	(147.8)	10/30/19 0:00	10.7	(14.5)	(0.0)	(14.9)
10/29/19 11:15	(12.2)	158.9	(6.5)	141.5	10/30/19 0:15	6.4	6.4	(0.0)	11.9
10/29/19 11:30	(18.0)	15.7	1.2	(3.4)	10/30/19 0:30	(27.2)	3.9	0.0	(24.7)
10/29/19 11:45	3.1	8.2	1.9	8.4	10/30/19 0:45	12.1	27.8	0.0	34.7
10/29/19 12:00	24.0	16.3	10.4	50.5	10/30/19 1:00	(4.3)	(20.2)	(0.0)	(24.6)
10/29/19 12:15	29.9	13.6	1.4	40.8	10/30/19 1:15	(3.6)	8.3	(0.0)	6.4
10/29/19 12:30	5.0	(22.6)	5.7	(24.8)	10/30/19 1:30	(21.3)	17.7	0.0	(10.9)
10/29/19 12:45	(5.9)	(13.5)	(7.3)	(22.8)	10/30/19 1:45	6.7	17.3	0.0	20.7
10/29/19 13:00	(12.3)	(5.1)	5.6	(12.7)	10/30/19 2:00	11.6	21.5	(0.0)	33.1
10/29/19 13:15	(32.8)	(18.8)	8.6	(42.1)	10/30/19 2:15	(29.5)	8.6	0.0	(24.8)
10/29/19 13:30	(4.3)	(50.0)	2.2	(51.4)	10/30/19 2:30	13.6	13.6	0.0	23.4
10/29/19 13:45	2.0	(41.7)	(1.7)	(40.6)	10/30/19 2:45	9.0	(7.7)	0.0	(3.6)
10/29/19 14:00	(13.0)	(27.6)	(8.3)	(48.9)	10/30/19 3:00	(23.3)	(10.6)	0.0	(33.8)
10/29/19 14:15	(11.9)	(23.5)	2.6	(33.9)	10/30/19 3:15	(6.6)	(7.8)	0.0	(11.9)
10/29/19 14:30	15.3	(11.6)	2.4	5.1	10/30/19 3:30	13.9	11.5	(0.0)	22.1
10/29/19 14:45	(7.3)	(15.9)	(6.5)	(27.6)	10/30/19 3:45	30.1	4.0	0.0	30.4
10/29/19 15:00	3.3	(32.4)	(4.0)	(33.5)	10/30/19 4:00	12.9	(17.6)	(0.0)	(7.9)
10/29/19 15:15	34.4	(17.9)	19.3	44.2	10/30/19 4:15	13.0	11.6	0.0	24.4
10/29/19 15:30	26.3	135.3	8.2	169.8	10/30/19 4:30	14.7	(10.8)	0.0	10.1
10/29/19 15:45	29.0	(20.2)	10.3	24.7	10/30/19 4:45	29.3	20.5	(0.0)	47.9
10/29/19 16:00	15.5	(9.9)	(0.8)	10.1	10/30/19 5:00	(14.5)	12.1	0.0	(5.2)
10/29/19 16:15	17.2	9.1	2.5	26.3	10/30/19 5:15	24.7	(21.8)	0.0	5.7
10/29/19 16:30	11.5	(9.5)	3.5	(8.6)	10/30/19 5:30	58.4	(12.4)	(0.0)	46.0
10/29/19 16:45	31.1	8.2	3.0	40.4	10/30/19 5:45	37.5	6.7	(0.0)	44.0
10/29/19 17:00	21.7	(16.7)	2.8	13.9	10/30/19 6:00	26.8	16.0	(0.0)	42.7
10/29/19 17:15	7.5	(13.2)	0.8	(12.9)	10/30/19 6:15	43.9	(2.7)	(0.0)	42.1
10/29/19 17:30	(21.6)	34.6	2.5	15.8	10/30/19 6:30	53.7	26.6	0.0	80.3
10/29/19 17:45	35.2	8.6	1.8	45.6	10/30/19 6:45	31.8	8.6	(0.0)	40.0
10/29/19 18:00	27.1	2.2	0.8	28.8	10/30/19 7:00	(27.0)	2.2	0.0	(26.9)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/30/19 7:15	(12.5)	10.2	(0.0)	11.7	10/30/19 20:15	(28.8)	(6.4)	0.0	(35.1)
10/30/19 7:30	10.3	12.9	0.0	18.7	10/30/19 20:30	(13.0)	(1.5)	0.0	(14.4)
10/30/19 7:45	12.8	23.4	(0.4)	30.1	10/30/19 20:45	(18.1)	8.8	0.0	(9.4)
10/30/19 8:00	25.1	18.6	(1.8)	42.0	10/30/19 21:00	(47.1)	(4.0)	(0.0)	(49.9)
10/30/19 8:15	22.0	20.9	(1.7)	39.2	10/30/19 21:15	(23.3)	16.6	0.0	22.2
10/30/19 8:30	11.6	9.1	(2.5)	16.5	10/30/19 21:30	25.0	21.9	(0.0)	46.9
10/30/19 8:45	20.9	9.9	(2.5)	28.3	10/30/19 21:45	(36.1)	(2.0)	0.0	(36.4)
10/30/19 9:00	(11.1)	9.4	(1.7)	11.6	10/30/19 22:00	(24.6)	10.4	0.0	(15.1)
10/30/19 9:15	11.5	(4.1)	(2.7)	(10.3)	10/30/19 22:15	(57.8)	(9.0)	(0.0)	(66.8)
10/30/19 9:30	(9.1)	(13.0)	(2.8)	(20.7)	10/30/19 22:30	(25.8)	(3.5)	(0.0)	(26.1)
10/30/19 9:45	(11.9)	(23.9)	(8.5)	(44.3)	10/30/19 22:45	(27.5)	(15.4)	0.0	(42.8)
10/30/19 10:00	(14.3)	(3.9)	(12.1)	(22.5)	10/30/19 23:00	(59.9)	(14.7)	(0.0)	(74.6)
10/30/19 10:15	(11.3)	3.3	(17.4)	(23.6)	10/30/19 23:15	15.1	(5.7)	0.0	(18.0)
10/30/19 10:30	18.1	(7.5)	1.5	13.7	10/30/19 23:30	(16.9)	11.1	(0.0)	(10.7)
10/30/19 10:45	(29.2)	(13.7)	(4.6)	(47.5)	10/30/19 23:45	(28.6)	13.0	0.0	(15.6)
10/30/19 11:00	(27.3)	(34.6)	(2.7)	(64.7)	10/31/19 0:00	(45.3)	9.2	(0.0)	(36.8)
10/30/19 11:15	9.3	(10.9)	(3.9)	(11.6)	10/31/19 0:15	9.3	7.5	(0.0)	13.8
10/30/19 11:30	(11.1)	13.7	(3.5)	8.2	10/31/19 0:30	4.3	5.5	(0.0)	6.4
10/30/19 11:45	(22.7)	11.4	(3.4)	(16.7)	10/31/19 0:45	(24.3)	16.4	0.0	(9.1)
10/30/19 12:00	(8.5)	(23.8)	(0.9)	(33.1)	10/31/19 1:00	19.3	10.7	(0.0)	21.4
10/30/19 12:15	(10.5)	(17.5)	2.5	(25.7)	10/31/19 1:15	18.3	(23.8)	0.0	(5.4)
10/30/19 12:30	20.3	9.4	(1.9)	25.1	10/31/19 1:30	(19.3)	(9.0)	(0.0)	(21.2)
10/30/19 12:45	(26.1)	32.4	(2.3)	12.5	10/31/19 1:45	14.1	7.7	0.0	18.7
10/30/19 13:00	(15.9)	39.4	3.1	43.8	10/31/19 2:00	14.0	31.8	0.0	44.2
10/30/19 13:15	(24.1)	23.4	(7.2)	21.4	10/31/19 2:15	(35.1)	33.5	0.0	(11.1)
10/30/19 13:30	(14.3)	(12.2)	(5.2)	(19.9)	10/31/19 2:30	(11.5)	42.2	0.0	34.3
10/30/19 13:45	10.0	(69.9)	(4.5)	(69.4)	10/31/19 2:45	3.1	21.2	0.0	21.6
10/30/19 14:00	(40.5)	(111.1)	(5.5)	(157.1)	10/31/19 3:00	(16.2)	21.1	0.0	9.1
10/30/19 14:15	14.8	(58.9)	2.4	(60.9)	10/31/19 3:15	16.5	20.0	0.0	35.2
10/30/19 14:30	(15.2)	48.0	(8.6)	37.0	10/31/19 3:30	(7.1)	18.4	0.0	18.4
10/30/19 14:45	12.1	32.8	(3.6)	32.8	10/31/19 3:45	(31.6)	19.8	(0.0)	(23.6)
10/30/19 15:00	(11.7)	2.9	(0.8)	(9.8)	10/31/19 4:00	(47.3)	12.8	(0.0)	(38.1)
10/30/19 15:15	(35.8)	(6.0)	4.0	(33.0)	10/31/19 4:15	26.4	(6.9)	(0.0)	20.4
10/30/19 15:30	26.2	(42.3)	7.1	(12.2)	10/31/19 4:30	24.1	2.6	(0.1)	25.1
10/30/19 15:45	(18.4)	(19.3)	(9.0)	(45.1)	10/31/19 4:45	(20.5)	(10.7)	0.1	(28.7)
10/30/19 16:00	25.9	(29.7)	2.0	(12.9)	10/31/19 5:00	52.5	(37.7)	0.0	17.4
10/30/19 16:15	(20.8)	(16.1)	6.4	(32.8)	10/31/19 5:15	38.0	(24.8)	(0.0)	14.2
10/30/19 16:30	33.6	35.2	11.8	79.1	10/31/19 5:30	(7.6)	9.6	0.0	5.7
10/30/19 16:45	(9.1)	(46.9)	16.9	(34.0)	10/31/19 5:45	36.0	(3.3)	(0.0)	33.3
10/30/19 17:00	27.7	(36.6)	18.8	9.1	10/31/19 6:00	46.2	(1.6)	0.0	45.7
10/30/19 17:15	(17.6)	(13.2)	18.8	(12.3)	10/31/19 6:15	82.7	(0.5)	(0.0)	82.6
10/30/19 17:30	52.3	(20.8)	15.9	49.4	10/31/19 6:30	42.4	(8.4)	0.0	33.9
10/30/19 17:45	49.7	(24.5)	9.2	34.3	10/31/19 6:45	23.5	(38.1)	(0.0)	(21.9)
10/30/19 18:00	28.0	4.3	3.2	32.1	10/31/19 7:00	31.9	(52.9)	0.0	(32.7)
10/30/19 18:15	47.0	23.0	0.7	70.0	10/31/19 7:15	37.7	(17.9)	(0.0)	21.7
10/30/19 18:30	(10.1)	20.2	0.0	20.7	10/31/19 7:30	(7.1)	(30.9)	(0.4)	(34.0)
10/30/19 18:45	10.2	(4.6)	0.0	12.2	10/31/19 7:45	(46.3)	(24.9)	(3.3)	(74.5)
10/30/19 19:00	7.0	(9.3)	(0.0)	(12.6)	10/31/19 8:00	(8.3)	(22.9)	(11.2)	(35.4)
10/30/19 19:15	18.1	12.3	0.0	29.6	10/31/19 8:15	23.9	(21.2)	(15.0)	(17.7)
10/30/19 19:30	(31.2)	(3.1)	(0.0)	(33.7)	10/31/19 8:30	(8.7)	8.0	(18.7)	(20.5)
10/30/19 19:45	11.2	(12.7)	(0.0)	(12.8)	10/31/19 8:45	(34.0)	13.8	(18.4)	(38.5)
10/30/19 20:00	(8.3)	(2.9)	0.0	(9.4)	10/31/19 9:00	14.4	24.9	(18.9)	23.0

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
10/31/19 9:15	(16.3)	78.3	(17.8)	44.1	10/31/19 22:15	(37.9)	(30.2)	0.0	(68.1)
10/31/19 9:30	(6.3)	34.5	(3.4)	28.3	10/31/19 22:30	(33.0)	(27.2)	0.0	(60.2)
10/31/19 9:45	(46.3)	5.1	(1.2)	(43.0)	10/31/19 22:45	(36.9)	(11.2)	0.0	(48.1)
10/31/19 10:00	(4.9)	28.3	(0.2)	23.4	10/31/19 23:00	(24.4)	(20.8)	(0.0)	(42.7)
10/31/19 10:15	(16.6)	(11.1)	0.1	(25.2)	10/31/19 23:15	16.8	(27.8)	(0.0)	(14.6)
10/31/19 10:30	13.8	(9.9)	0.5	14.4	10/31/19 23:30	(20.5)	21.2	(0.0)	5.3
10/31/19 10:45	(12.2)	8.4	1.3	18.7	10/31/19 23:45	(22.7)	2.4	0.0	(22.2)
10/31/19 11:00	(22.4)	(26.1)	1.6	(44.9)	11/1/19 0:00	(8.4)	25.3	(0.0)	24.3
10/31/19 11:15	12.5	(44.1)	1.3	(30.3)	11/1/19 0:15	(22.8)	14.6	(0.0)	(12.7)
10/31/19 11:30	(39.0)	(7.4)	1.5	(44.8)	11/1/19 0:30	37.6	20.1	(0.0)	57.7
10/31/19 11:45	21.4	(16.9)	1.3	8.0	11/1/19 0:45	(24.7)	(14.6)	0.0	(39.1)
10/31/19 12:00	(6.3)	26.8	1.1	29.4	11/1/19 1:00	12.6	(49.3)	(0.0)	(43.6)
10/31/19 12:15	(15.5)	36.5	0.8	42.6	11/1/19 1:15	46.6	(71.4)	0.0	(24.9)
10/31/19 12:30	(37.3)	15.2	(0.3)	(29.5)	11/1/19 1:30	(6.8)	(99.0)	0.0	(105.8)
10/31/19 12:45	(18.3)	26.3	(0.5)	18.3	11/1/19 1:45	(12.6)	(48.6)	0.0	(56.8)
10/31/19 13:00	(13.2)	23.2	(2.0)	24.2	11/1/19 2:00	(12.4)	(11.9)	0.0	(21.4)
10/31/19 13:15	(32.0)	7.0	(1.3)	(28.7)	11/1/19 2:15	20.7	(62.7)	0.0	(44.0)
10/31/19 13:30	(13.9)	18.1	(1.7)	5.9	11/1/19 2:30	4.9	77.3	(0.0)	78.2
10/31/19 13:45	(14.5)	35.3	(3.5)	17.2	11/1/19 2:45	(38.3)	(14.8)	(0.0)	(49.5)
10/31/19 14:00	17.1	38.1	(2.4)	52.8	11/1/19 3:00	9.5	17.9	0.0	23.0
10/31/19 14:15	(5.1)	43.9	(2.7)	36.2	11/1/19 3:15	17.8	(23.0)	(0.0)	(5.4)
10/31/19 14:30	(43.1)	50.9	(2.7)	5.8	11/1/19 3:30	6.9	(7.3)	(0.0)	(3.1)
10/31/19 14:45	20.0	41.0	(2.7)	55.7	11/1/19 3:45	2.4	5.0	0.0	6.3
10/31/19 15:00	(7.0)	33.3	(0.4)	27.2	11/1/19 4:00	29.5	(23.7)	(0.0)	13.6
10/31/19 15:15	(22.7)	9.1	(0.1)	(20.5)	11/1/19 4:15	25.4	(36.3)	0.0	(10.8)
10/31/19 15:30	(21.1)	(13.3)	0.2	(25.7)	11/1/19 4:30	31.3	(30.8)	0.0	3.4
10/31/19 15:45	20.5	(21.0)	1.1	5.4	11/1/19 4:45	(5.2)	(16.3)	(0.0)	(18.1)
10/31/19 16:00	10.7	(26.1)	2.8	(22.6)	11/1/19 5:00	19.0	11.4	0.0	28.6
10/31/19 16:15	(8.1)	(40.6)	7.5	(37.0)	11/1/19 5:15	27.6	(17.8)	(0.0)	9.8
10/31/19 16:30	(12.0)	(37.2)	15.0	(28.3)	11/1/19 5:30	35.5	(9.1)	0.0	28.7
10/31/19 16:45	14.7	(29.0)	19.3	10.4	11/1/19 5:45	7.9	(5.4)	(0.0)	8.6
10/31/19 17:00	10.5	(14.5)	21.4	16.5	11/1/19 6:00	73.6	(35.2)	0.0	38.5
10/31/19 17:15	9.6	(19.6)	21.4	11.4	11/1/19 6:15	41.0	(2.6)	(0.0)	40.1
10/31/19 17:30	55.7	4.1	17.9	75.6	11/1/19 6:30	(30.2)	(14.5)	0.0	(44.5)
10/31/19 17:45	26.7	17.2	9.4	53.3	11/1/19 6:45	37.7	19.1	0.0	56.8
10/31/19 18:00	24.5	9.3	3.2	36.3	11/1/19 7:00	61.6	(13.5)	0.0	48.1
10/31/19 18:15	(13.8)	(4.0)	0.4	(11.0)	11/1/19 7:15	26.1	(19.2)	(0.0)	7.2
10/31/19 18:30	63.6	(24.9)	(0.0)	38.6	11/1/19 7:30	(28.6)	66.4	(0.6)	41.2
10/31/19 18:45	7.6	(12.8)	(0.0)	(7.7)	11/1/19 7:45	(4.9)	42.3	(3.9)	37.3
10/31/19 19:00	(21.1)	(27.2)	(0.0)	(47.7)	11/1/19 8:00	15.9	(14.6)	(12.9)	12.8
10/31/19 19:15	(46.3)	(17.7)	0.0	(64.0)	11/1/19 8:15	(2.1)	9.7	(17.7)	(13.5)
10/31/19 19:30	21.7	(11.0)	(0.0)	10.7	11/1/19 8:30	(30.5)	(12.5)	(25.3)	(66.9)
10/31/19 19:45	4.0	(1.9)	0.0	3.2	11/1/19 8:45	(8.7)	12.3	(24.2)	(14.9)
10/31/19 20:00	(16.4)	22.9	(0.0)	11.3	11/1/19 9:00	(16.7)	3.7	(18.9)	(32.4)
10/31/19 20:15	(38.3)	14.3	0.0	(24.6)	11/1/19 9:15	(19.4)	(6.5)	(12.8)	(36.7)
10/31/19 20:30	(11.8)	(7.8)	(0.0)	(16.3)	11/1/19 9:30	(22.6)	(12.6)	(3.8)	(32.4)
10/31/19 20:45	(7.7)	7.4	(0.0)	(6.8)	11/1/19 9:45	(9.9)	(21.1)	(1.6)	(24.9)
10/31/19 21:00	(37.4)	4.6	(0.0)	(33.6)	11/1/19 10:00	7.0	3.2	(0.5)	9.7
10/31/19 21:15	(11.5)	(3.7)	(0.0)	(12.6)	11/1/19 10:15	16.9	1.8	0.4	18.3
10/31/19 21:30	(24.7)	8.4	(0.0)	(16.3)	11/1/19 10:30	24.2	3.5	0.5	24.3
10/31/19 21:45	(32.8)	21.4	(0.0)	(11.3)	11/1/19 10:45	3.0	9.4	1.4	11.9
10/31/19 22:00	(41.4)	6.3	0.0	(41.2)	11/1/19 11:00	(17.7)	(18.2)	1.2	(33.9)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/1/19 11:15	(28.6)	(12.7)	1.5	(37.8)	11/2/19 0:15	27.8	(19.1)	0.0	11.1
11/1/19 11:30	(6.1)	(23.9)	1.3	(23.9)	11/2/19 0:30	(12.6)	(22.4)	(0.0)	(35.0)
11/1/19 11:45	(10.5)	22.3	1.5	14.2	11/2/19 0:45	(28.6)	(4.9)	0.0	(32.9)
11/1/19 12:00	(2.3)	10.8	2.4	10.9	11/2/19 1:00	(20.4)	(20.3)	(0.0)	(36.0)
11/1/19 12:15	(10.3)	14.6	0.7	4.4	11/2/19 1:15	31.9	(21.6)	0.0	19.4
11/1/19 12:30	26.9	(10.6)	0.2	17.2	11/2/19 1:30	(7.2)	(35.5)	(0.0)	(42.8)
11/1/19 12:45	13.3	(8.6)	0.6	6.0	11/2/19 1:45	(24.5)	(44.7)	(0.0)	(68.3)
11/1/19 13:00	(11.1)	10.9	(0.5)	(1.1)	11/2/19 2:00	(6.6)	(47.7)	(0.0)	(48.6)
11/1/19 13:15	(42.7)	44.9	(0.7)	8.9	11/2/19 2:15	20.7	(50.1)	0.0	(30.0)
11/1/19 13:30	32.8	(16.1)	(1.3)	17.1	11/2/19 2:30	(25.4)	(86.0)	0.0	(110.8)
11/1/19 13:45	2.6	(2.5)	(1.0)	(2.0)	11/2/19 2:45	21.1	(94.7)	0.0	(75.9)
11/1/19 14:00	(13.6)	8.3	(1.1)	(7.4)	11/2/19 3:00	1.9	(60.8)	0.0	(59.6)
11/1/19 14:15	14.9	(4.1)	(1.1)	10.1	11/2/19 3:15	(25.3)	74.4	(0.0)	50.4
11/1/19 14:30	(42.7)	22.6	1.8	(19.5)	11/2/19 3:30	36.9	54.1	0.0	74.8
11/1/19 14:45	(40.2)	43.0	(1.8)	5.9	11/2/19 3:45	9.2	(5.3)	(0.0)	(11.0)
11/1/19 15:00	42.9	(25.3)	10.2	30.9	11/2/19 4:00	(11.1)	4.8	0.0	11.4
11/1/19 15:15	16.6	(19.3)	(2.8)	(7.3)	11/2/19 4:15	15.5	8.8	(0.0)	22.2
11/1/19 15:30	(13.3)	(16.2)	8.9	(13.0)	11/2/19 4:30	18.5	2.8	0.0	20.2
11/1/19 15:45	(26.9)	20.1	(8.1)	(15.5)	11/2/19 4:45	10.9	(4.7)	0.0	7.4
11/1/19 16:00	26.7	(10.6)	9.2	37.5	11/2/19 5:00	(20.1)	(13.5)	(0.0)	(30.4)
11/1/19 16:15	11.8	(28.1)	4.8	(22.2)	11/2/19 5:15	20.5	2.5	(0.0)	20.4
11/1/19 16:30	(7.1)	46.4	20.4	59.7	11/2/19 5:30	23.1	4.4	0.0	27.5
11/1/19 16:45	17.3	48.7	21.4	87.3	11/2/19 5:45	(12.7)	7.0	0.0	12.1
11/1/19 17:00	16.4	32.8	16.1	57.1	11/2/19 6:00	28.1	6.0	0.0	33.2
11/1/19 17:15	(23.1)	26.2	16.1	23.3	11/2/19 6:15	14.9	(9.9)	0.0	7.1
11/1/19 17:30	28.9	44.4	11.3	84.6	11/2/19 6:30	(33.9)	(10.1)	(0.0)	(37.9)
11/1/19 17:45	17.7	35.8	7.1	60.6	11/2/19 6:45	26.3	(5.6)	(0.0)	22.1
11/1/19 18:00	17.1	(2.4)	2.5	18.8	11/2/19 7:00	34.1	(16.2)	0.0	18.0
11/1/19 18:15	28.0	17.5	0.3	45.7	11/2/19 7:15	15.3	3.6	(0.0)	14.2
11/1/19 18:30	12.1	9.7	0.0	20.6	11/2/19 7:30	25.2	(9.0)	(0.6)	15.9
11/1/19 18:45	(10.3)	7.3	(0.0)	(4.3)	11/2/19 7:45	16.7	(4.8)	(3.8)	8.6
11/1/19 19:00	(14.9)	4.5	(0.0)	(10.4)	11/2/19 8:00	(15.7)	(2.0)	(14.2)	(29.2)
11/1/19 19:15	3.4	(1.5)	(0.0)	3.1	11/2/19 8:15	(32.3)	2.2	(18.7)	(48.6)
11/1/19 19:30	(9.2)	13.1	0.0	4.0	11/2/19 8:30	29.9	4.3	(24.3)	9.0
11/1/19 19:45	(6.4)	25.5	(0.0)	19.1	11/2/19 8:45	(7.8)	35.4	(23.9)	6.1
11/1/19 20:00	11.2	41.1	0.0	49.5	11/2/19 9:00	(17.9)	17.6	(19.3)	(19.6)
11/1/19 20:15	(9.4)	31.4	(0.0)	29.2	11/2/19 9:15	(20.0)	49.5	(13.5)	25.5
11/1/19 20:30	(14.1)	39.2	0.0	25.1	11/2/19 9:30	15.0	33.8	1.9	44.7
11/1/19 20:45	(24.2)	28.2	(0.0)	13.6	11/2/19 9:45	(4.9)	18.0	(2.5)	11.0
11/1/19 21:00	(12.7)	15.2	0.0	17.3	11/2/19 10:00	(28.8)	13.6	(3.1)	(20.3)
11/1/19 21:15	(5.6)	29.3	0.0	28.8	11/2/19 10:15	24.1	18.4	(0.5)	40.6
11/1/19 21:30	(19.9)	16.3	0.0	(5.7)	11/2/19 10:30	(11.0)	34.8	0.9	24.7
11/1/19 21:45	(56.3)	6.4	0.0	(49.9)	11/2/19 10:45	(45.4)	30.4	1.6	(16.4)
11/1/19 22:00	(38.0)	6.4	(0.0)	(32.5)	11/2/19 11:00	12.3	48.9	1.7	55.7
11/1/19 22:15	(42.7)	25.4	(0.0)	(17.2)	11/2/19 11:15	(14.4)	46.9	1.3	36.8
11/1/19 22:30	(26.5)	6.4	(0.0)	(22.8)	11/2/19 11:30	(9.0)	35.2	1.7	32.4
11/1/19 22:45	14.1	(3.7)	0.0	11.7	11/2/19 11:45	(36.8)	47.4	2.9	13.5
11/1/19 23:00	(29.5)	0.6	(0.0)	(29.0)	11/2/19 12:00	12.6	25.9	1.8	33.7
11/1/19 23:15	(36.0)	(8.6)	0.0	(41.7)	11/2/19 12:15	(10.4)	10.9	1.3	3.0
11/1/19 23:30	11.3	(26.2)	(0.0)	(17.3)	11/2/19 12:30	(44.2)	7.0	0.9	(36.5)
11/1/19 23:45	(9.3)	(29.3)	(0.0)	(38.6)	11/2/19 12:45	(15.0)	(8.7)	0.4	(16.3)
11/2/19 0:00	(20.7)	(9.6)	(0.0)	(30.3)	11/2/19 13:00	(10.9)	(15.7)	0.2	(22.1)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/2/19 13:15	3.4	10.5	(0.2)	12.9	11/3/19 2:15	16.0	6.5	(0.0)	21.5
11/2/19 13:30	(30.3)	18.4	(0.6)	(18.3)	11/3/19 2:30	(8.0)	(20.3)	0.0	(25.7)
11/2/19 13:45	16.3	25.1	(1.2)	35.0	11/3/19 2:45	(17.4)	(29.5)	0.0	(42.8)
11/2/19 14:00	(10.6)	(9.7)	(1.1)	(16.2)	11/3/19 3:00	17.5	(12.2)	(0.0)	15.9
11/2/19 14:15	(24.4)	(42.9)	(1.9)	(68.5)	11/3/19 3:15	18.6	5.6	0.0	23.5
11/2/19 14:30	11.4	(22.1)	4.2	(18.8)	11/3/19 3:30	(13.4)	(5.1)	(0.0)	(17.4)
11/2/19 14:45	10.2	(8.4)	4.5	6.8	11/3/19 3:45	28.8	(13.7)	0.0	22.2
11/2/19 15:00	(28.7)	(7.7)	0.5	(35.7)	11/3/19 4:00	44.6	(14.9)	(0.0)	34.2
11/2/19 15:15	20.4	6.1	(6.4)	19.8	11/3/19 4:15	26.5	(32.1)	0.1	(6.5)
11/2/19 15:30	7.0	1.5	(3.1)	5.8	11/3/19 4:30	6.1	(40.8)	0.0	(39.0)
11/2/19 15:45	(15.2)	29.9	1.0	19.4	11/3/19 4:45	(7.5)	(5.8)	(0.0)	(11.7)
11/2/19 16:00	28.4	48.2	2.6	75.4	11/3/19 5:00	27.6	5.7	(0.0)	29.1
11/2/19 16:15	24.9	59.2	7.4	91.5	11/3/19 5:15	13.1	18.8	(0.1)	28.0
11/2/19 16:30	21.2	30.1	15.4	62.8	11/3/19 5:30	14.9	26.3	(0.1)	34.1
11/2/19 16:45	13.6	18.4	18.7	40.4	11/3/19 5:45	22.9	30.3	(0.0)	53.2
11/2/19 17:00	35.8	5.1	20.5	61.4	11/3/19 6:00	8.5	18.3	(0.0)	26.7
11/2/19 17:15	23.5	15.3	20.3	57.0	11/3/19 6:15	23.5	(4.7)	(0.0)	20.7
11/2/19 17:30	17.7	(5.5)	17.4	27.7	11/3/19 6:30	7.7	20.3	(0.4)	27.3
11/2/19 17:45	36.6	(14.4)	8.3	30.5	11/3/19 6:45	(12.6)	24.8	(3.0)	16.4
11/2/19 18:00	49.4	(10.2)	2.6	41.9	11/3/19 7:00	20.0	26.5	(11.8)	33.0
11/2/19 18:15	6.6	4.2	0.2	9.5	11/3/19 7:15	7.1	(15.7)	(19.5)	(28.4)
11/2/19 18:30	37.4	(5.8)	(0.0)	31.6	11/3/19 7:30	(24.0)	12.4	(22.8)	(35.6)
11/2/19 18:45	18.9	(1.0)	(0.0)	18.1	11/3/19 7:45	18.8	21.0	(22.8)	17.2
11/2/19 19:00	(21.2)	(2.3)	0.0	(23.5)	11/3/19 8:00	11.4	31.5	(18.7)	23.5
11/2/19 19:15	(15.2)	(5.2)	0.0	(18.3)	11/3/19 8:15	(12.2)	12.2	(13.0)	(15.0)
11/2/19 19:30	11.7	(9.5)	(0.0)	(10.6)	11/3/19 8:30	(16.1)	26.1	(3.7)	23.1
11/2/19 19:45	(16.9)	(5.9)	(0.0)	(22.8)	11/3/19 8:45	12.2	7.6	(2.5)	13.3
11/2/19 20:00	(19.0)	12.9	0.0	18.1	11/3/19 9:00	(25.4)	(7.8)	(0.4)	(30.4)
11/2/19 20:15	7.8	28.5	(0.0)	30.5	11/3/19 9:15	(30.2)	(28.2)	0.2	(50.5)
11/2/19 20:30	(2.6)	9.7	0.0	8.1	11/3/19 9:30	13.1	(47.0)	1.5	(36.1)
11/2/19 20:45	(33.8)	6.1	(0.0)	(27.7)	11/3/19 9:45	6.3	(57.3)	1.4	(55.6)
11/2/19 21:00	10.2	4.6	(0.0)	10.8	11/3/19 10:00	(27.5)	(44.2)	1.3	(70.2)
11/2/19 21:15	(14.4)	12.4	(0.0)	(7.5)	11/3/19 10:15	(14.9)	(31.7)	0.4	(35.6)
11/2/19 21:30	(33.9)	4.9	0.0	(30.1)	11/3/19 10:30	8.7	(18.5)	1.6	(14.5)
11/2/19 21:45	(10.4)	3.1	(0.0)	(8.4)	11/3/19 10:45	(7.6)	(26.5)	1.8	(30.6)
11/2/19 22:00	(31.6)	4.4	(0.0)	(27.6)	11/3/19 11:00	18.5	(17.4)	1.9	(18.1)
11/2/19 22:15	(30.6)	(5.1)	(0.0)	(35.7)	11/3/19 11:15	28.6	14.2	1.5	43.3
11/2/19 22:30	(25.4)	6.6	(0.0)	(18.7)	11/3/19 11:30	10.3	16.1	0.6	26.5
11/2/19 22:45	(24.3)	0.8	0.0	(23.6)	11/3/19 11:45	(42.5)	(2.4)	0.4	(44.3)
11/2/19 23:00	(14.2)	(11.5)	(0.0)	(24.7)	11/3/19 12:00	(23.7)	11.5	(0.3)	(12.6)
11/2/19 23:15	(46.1)	(21.6)	(0.0)	(67.7)	11/3/19 12:15	(35.4)	56.6	0.6	22.5
11/2/19 23:30	10.0	(5.9)	0.0	(6.1)	11/3/19 12:30	11.0	7.5	(2.2)	15.0
11/2/19 23:45	(15.4)	(11.7)	0.0	(27.1)	11/3/19 12:45	13.4	(18.5)	3.2	(2.4)
11/3/19 0:00	(36.4)	(20.9)	(0.0)	(57.3)	11/3/19 13:00	9.6	(7.4)	3.4	6.0
11/3/19 0:15	18.3	(25.4)	(0.0)	(10.2)	11/3/19 13:15	11.1	6.3	(3.5)	13.8
11/3/19 0:30	(5.3)	(8.7)	(0.0)	(14.0)	11/3/19 13:30	10.2	(9.9)	1.6	(7.6)
11/3/19 0:45	(31.2)	(12.8)	0.0	(43.4)	11/3/19 13:45	5.4	6.3	2.1	12.1
11/3/19 1:00	7.1	(86.0)	0.0	(85.5)	11/3/19 14:00	(4.0)	9.2	1.0	8.0
11/3/19 1:15	(46.4)	(72.0)	0.0	(118.5)	11/3/19 14:15	6.9	(15.2)	0.3	(8.1)
11/3/19 1:30	28.0	(7.8)	(0.0)	21.0	11/3/19 14:30	10.9	(20.5)	0.6	(9.1)
11/3/19 1:45	(5.1)	1.9	0.0	(3.6)	11/3/19 14:45	4.8	4.3	0.2	8.3
11/3/19 2:00	(16.7)	(29.0)	(0.0)	(42.5)	11/3/19 15:00	31.1	5.6	1.2	37.4

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/3/19 15:15	12.1	21.1	4.0	30.7	11/4/19 4:15	24.9	10.4	(0.0)	35.3
11/3/19 15:30	9.1	14.6	9.5	30.9	11/4/19 4:30	(13.5)	28.0	0.0	22.3
11/3/19 15:45	(8.9)	10.9	16.2	22.6	11/4/19 4:45	43.8	36.2	0.0	80.0
11/3/19 16:00	37.4	17.5	20.6	75.4	11/4/19 5:00	26.4	31.7	0.0	57.3
11/3/19 16:15	37.4	13.5	19.0	69.7	11/4/19 5:15	12.9	(2.5)	0.0	11.0
11/3/19 16:30	21.7	(23.0)	17.7	20.2	11/4/19 5:30	41.8	7.1	0.0	47.9
11/3/19 16:45	30.8	5.0	8.7	39.8	11/4/19 5:45	59.8	8.0	(0.0)	67.8
11/3/19 17:00	57.9	26.6	2.1	86.6	11/4/19 6:00	40.8	(12.8)	0.0	28.0
11/3/19 17:15	40.7	38.6	0.5	79.8	11/4/19 6:15	55.9	(4.3)	(0.0)	53.2
11/3/19 17:30	20.6	14.5	(0.2)	33.9	11/4/19 6:30	43.8	(6.3)	(0.4)	37.1
11/3/19 17:45	35.7	11.1	0.4	47.2	11/4/19 6:45	18.0	(7.8)	(3.8)	(9.9)
11/3/19 18:00	(12.0)	2.5	0.0	(13.5)	11/4/19 7:00	17.4	2.1	(10.0)	(18.8)
11/3/19 18:15	(18.9)	16.0	(0.0)	12.9	11/4/19 7:15	17.4	17.2	(12.4)	18.4
11/3/19 18:30	(10.7)	12.4	(0.0)	10.4	11/4/19 7:30	14.4	(7.7)	(13.4)	(9.9)
11/3/19 18:45	(9.7)	(1.3)	0.0	(10.0)	11/4/19 7:45	(28.0)	(6.9)	(21.6)	(56.5)
11/3/19 19:00	(22.2)	(6.6)	(0.0)	(28.7)	11/4/19 8:00	(23.9)	(1.9)	(18.0)	(33.2)
11/3/19 19:15	(7.8)	5.4	0.0	5.5	11/4/19 8:15	10.7	6.9	(17.8)	(11.5)
11/3/19 19:30	(9.9)	32.7	(0.0)	23.4	11/4/19 8:30	(6.4)	12.1	(8.1)	(6.9)
11/3/19 19:45	(37.8)	28.5	0.0	(9.9)	11/4/19 8:45	(42.4)	(10.6)	(4.0)	(57.0)
11/3/19 20:00	8.3	16.3	(0.0)	19.4	11/4/19 9:00	15.3	(33.1)	(0.9)	(18.5)
11/3/19 20:15	(5.8)	12.4	(0.0)	9.2	11/4/19 9:15	4.5	(40.4)	(1.0)	(40.2)
11/3/19 20:30	(39.2)	(22.0)	0.0	(61.2)	11/4/19 9:30	(36.9)	(17.8)	(1.8)	(56.6)
11/3/19 20:45	(11.2)	(21.9)	(0.0)	(22.8)	11/4/19 9:45	(1.9)	(23.7)	0.8	(24.4)
11/3/19 21:00	(24.9)	60.0	(0.0)	35.1	11/4/19 10:00	(4.5)	(40.3)	2.1	(41.4)
11/3/19 21:15	(73.7)	42.3	0.0	(31.4)	11/4/19 10:15	(3.3)	(27.6)	2.1	(28.3)
11/3/19 21:30	7.7	20.7	0.0	28.2	11/4/19 10:30	(4.5)	(3.4)	1.1	(5.0)
11/3/19 21:45	(31.1)	(17.8)	0.0	(48.9)	11/4/19 10:45	(5.1)	20.3	1.0	16.8
11/3/19 22:00	(36.4)	(11.5)	(0.0)	(47.9)	11/4/19 11:00	(8.4)	36.5	1.0	29.6
11/3/19 22:15	(29.1)	2.2	0.0	(28.8)	11/4/19 11:15	1.9	28.9	1.1	30.1
11/3/19 22:30	19.3	(7.0)	(0.0)	18.2	11/4/19 11:30	(7.4)	28.7	1.1	22.3
11/3/19 22:45	(36.9)	(7.8)	0.0	(43.2)	11/4/19 11:45	(1.4)	33.0	(0.3)	31.4
11/3/19 23:00	(32.5)	3.3	(0.0)	(29.4)	11/4/19 12:00	(9.4)	18.4	0.4	9.2
11/3/19 23:15	(9.8)	(22.2)	0.0	(28.8)	11/4/19 12:15	(11.6)	27.3	(0.7)	15.3
11/3/19 23:30	(17.2)	(19.5)	0.0	(36.7)	11/4/19 12:30	(6.4)	23.5	(0.8)	16.2
11/3/19 23:45	(27.1)	(26.5)	0.0	(53.6)	11/4/19 12:45	(3.8)	25.1	(0.9)	20.5
11/4/19 0:00	(29.0)	(13.7)	(0.0)	(39.6)	11/4/19 13:00	4.6	23.1	(0.8)	26.3
11/4/19 0:15	31.2	(8.0)	0.0	23.8	11/4/19 13:15	34.9	33.2	(1.0)	67.1
11/4/19 0:30	(15.2)	10.5	(0.0)	(10.8)	11/4/19 13:30	(2.3)	16.1	0.2	14.0
11/4/19 0:45	(10.0)	(2.4)	(0.0)	(10.9)	11/4/19 13:45	11.6	9.3	(0.6)	19.6
11/4/19 1:00	(3.9)	(10.7)	(0.0)	(13.0)	11/4/19 14:00	(31.5)	0.9	(0.4)	(31.1)
11/4/19 1:15	(17.0)	(9.0)	0.0	(25.7)	11/4/19 14:15	30.0	1.3	(0.3)	30.3
11/4/19 1:30	(11.1)	(11.8)	(0.0)	(19.2)	11/4/19 14:30	11.2	2.6	(1.3)	12.6
11/4/19 1:45	5.9	(9.8)	0.0	(8.4)	11/4/19 14:45	(11.4)	(2.7)	0.3	(13.0)
11/4/19 2:00	(15.3)	(15.9)	0.0	(29.1)	11/4/19 15:00	14.6	(7.7)	2.8	11.9
11/4/19 2:15	13.7	7.7	0.0	20.9	11/4/19 15:15	8.6	(13.2)	9.0	4.6
11/4/19 2:30	(21.0)	13.3	(0.0)	(16.4)	11/4/19 15:30	14.9	(9.7)	16.3	18.5
11/4/19 2:45	(40.1)	5.1	0.0	(35.2)	11/4/19 15:45	22.2	(13.0)	22.6	29.6
11/4/19 3:00	15.0	(9.0)	(0.0)	10.2	11/4/19 16:00	33.3	(14.0)	27.9	47.1
11/4/19 3:15	8.7	3.3	0.0	11.6	11/4/19 16:15	13.0	(9.6)	18.9	22.2
11/4/19 3:30	9.8	(2.3)	0.0	8.3	11/4/19 16:30	22.1	(11.0)	6.8	18.5
11/4/19 3:45	14.1	5.9	0.0	19.6	11/4/19 16:45	50.9	(16.4)	2.4	37.0
11/4/19 4:00	27.6	1.9	(0.0)	29.5	11/4/19 17:00	44.9	(15.8)	1.5	32.2

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/4/19 17:15	42.8	(23.0)	0.1	23.2	11/5/19 6:15	27.5	54.9	0.0	82.4
11/4/19 17:30	47.7	1.8	(0.0)	47.9	11/5/19 6:30	46.2	17.8	(0.3)	63.8
11/4/19 17:45	7.7	(13.5)	0.0	(10.9)	11/5/19 6:45	20.5	(4.7)	(2.4)	15.4
11/4/19 18:00	(13.8)	(24.2)	(0.0)	(36.0)	11/5/19 7:00	(13.6)	11.6	(10.4)	(13.8)
11/4/19 18:15	(4.3)	(8.8)	(0.0)	(10.5)	11/5/19 7:15	8.9	16.3	(16.4)	8.8
11/4/19 18:30	(4.7)	(12.1)	0.0	(14.2)	11/5/19 7:30	(28.3)	4.6	(21.5)	(45.6)
11/4/19 18:45	(22.0)	(24.2)	(0.0)	(44.4)	11/5/19 7:45	(35.5)	(3.9)	(22.6)	(60.9)
11/4/19 19:00	(9.4)	(14.8)	0.0	(15.6)	11/5/19 8:00	9.4	7.4	(18.9)	(10.8)
11/4/19 19:15	(16.2)	(30.7)	(0.0)	(47.0)	11/5/19 8:15	12.2	15.5	(14.1)	13.3
11/4/19 19:30	(37.0)	(20.0)	(0.0)	(57.1)	11/5/19 8:30	(42.9)	21.4	(5.5)	(29.2)
11/4/19 19:45	17.5	6.0	0.0	23.2	11/5/19 8:45	(5.9)	32.2	(1.3)	28.9
11/4/19 20:00	(15.8)	16.4	(0.0)	3.5	11/5/19 9:00	(23.5)	41.9	(0.5)	18.8
11/4/19 20:15	(50.2)	(5.5)	0.0	(55.6)	11/5/19 9:15	(6.9)	14.7	0.3	12.6
11/4/19 20:30	11.9	(12.2)	(0.0)	(6.0)	11/5/19 9:30	(18.4)	5.6	0.7	(19.8)
11/4/19 20:45	(16.3)	(41.4)	0.0	(57.7)	11/5/19 9:45	(30.6)	(26.6)	1.2	(56.0)
11/4/19 21:00	(59.5)	(40.0)	(0.0)	(99.5)	11/5/19 10:00	(14.6)	(28.5)	1.4	(41.8)
11/4/19 21:15	(9.6)	(46.0)	0.0	(52.7)	11/5/19 10:15	3.2	34.3	1.2	37.2
11/4/19 21:30	(25.1)	(53.2)	0.0	(78.3)	11/5/19 10:30	(7.4)	(9.8)	0.7	(15.9)
11/4/19 21:45	(40.7)	(73.6)	(0.0)	(114.3)	11/5/19 10:45	(24.3)	7.8	1.8	(15.1)
11/4/19 22:00	(15.8)	(52.7)	(0.0)	(68.6)	11/5/19 11:00	15.3	(38.5)	1.7	(29.1)
11/4/19 22:15	(22.8)	(52.9)	(0.0)	(75.7)	11/5/19 11:15	(13.6)	(31.2)	1.1	(39.0)
11/4/19 22:30	(13.2)	(30.8)	(0.0)	(40.2)	11/5/19 11:30	18.6	(5.7)	0.7	13.7
11/4/19 22:45	(35.7)	32.3	0.0	(46.8)	11/5/19 11:45	(25.2)	(13.4)	0.3	(35.8)
11/4/19 23:00	(7.6)	101.7	0.0	97.4	11/5/19 12:00	(17.7)	14.6	(0.1)	(20.0)
11/4/19 23:15	(6.3)	27.8	(0.0)	25.3	11/5/19 12:15	(5.1)	26.7	(0.3)	21.6
11/4/19 23:30	(38.2)	8.3	(0.0)	(29.9)	11/5/19 12:30	19.8	42.2	(0.6)	60.1
11/4/19 23:45	(41.4)	2.6	(0.0)	(38.9)	11/5/19 12:45	62.7	21.9	(0.8)	83.2
11/5/19 0:00	13.6	6.1	0.0	15.6	11/5/19 13:00	(4.0)	12.5	(1.1)	10.8
11/5/19 0:15	21.8	8.0	0.0	27.1	11/5/19 13:15	(17.5)	18.3	(0.9)	(4.9)
11/5/19 0:30	(4.2)	12.6	0.0	8.4	11/5/19 13:30	(6.9)	14.4	(0.7)	11.6
11/5/19 0:45	(31.8)	11.5	0.0	(20.3)	11/5/19 13:45	3.0	(4.6)	(1.0)	5.3
11/5/19 1:00	11.8	1.0	(0.0)	11.3	11/5/19 14:00	(46.0)	9.6	(0.7)	(39.1)
11/5/19 1:15	9.4	7.0	0.0	15.2	11/5/19 14:15	(8.9)	19.6	(0.2)	12.7
11/5/19 1:30	(23.5)	6.7	(0.0)	(17.2)	11/5/19 14:30	10.8	7.6	0.3	18.0
11/5/19 1:45	(19.6)	9.2	0.0	13.9	11/5/19 14:45	18.3	29.8	0.7	48.8
11/5/19 2:00	20.4	8.8	(0.0)	29.2	11/5/19 15:00	15.9	24.3	2.8	43.0
11/5/19 2:15	(31.2)	7.7	0.0	(23.5)	11/5/19 15:15	34.0	9.8	8.8	52.6
11/5/19 2:30	26.4	11.6	(0.0)	37.1	11/5/19 15:30	19.6	12.9	16.1	48.6
11/5/19 2:45	4.6	0.5	(0.0)	4.9	11/5/19 15:45	(11.1)	10.4	18.6	28.1
11/5/19 3:00	(14.4)	3.3	(0.0)	(12.8)	11/5/19 16:00	17.9	(2.5)	20.1	29.7
11/5/19 3:15	5.9	6.0	0.0	10.2	11/5/19 16:15	33.8	(5.1)	18.9	46.4
11/5/19 3:30	14.3	9.2	(0.0)	23.5	11/5/19 16:30	36.3	(2.7)	15.3	48.9
11/5/19 3:45	(11.3)	3.4	(0.0)	(10.3)	11/5/19 16:45	12.8	(6.5)	5.9	10.4
11/5/19 4:00	23.9	(1.1)	(0.0)	22.9	11/5/19 17:00	38.1	(19.1)	1.6	22.0
11/5/19 4:15	27.6	(1.2)	0.0	26.7	11/5/19 17:15	58.2	(12.4)	0.1	45.9
11/5/19 4:30	(10.1)	4.7	0.0	9.3	11/5/19 17:30	18.6	(17.4)	(0.0)	2.6
11/5/19 4:45	30.7	(1.0)	(0.0)	30.2	11/5/19 17:45	15.7	(17.7)	(0.0)	(9.5)
11/5/19 5:00	(8.9)	(1.0)	(0.0)	(9.6)	11/5/19 18:00	11.6	(3.6)	0.0	8.8
11/5/19 5:15	37.1	(5.0)	(0.0)	33.6	11/5/19 18:15	(41.3)	(13.2)	0.0	(54.5)
11/5/19 5:30	29.3	(8.4)	0.0	25.2	11/5/19 18:30	15.3	(24.2)	(0.0)	(12.4)
11/5/19 5:45	58.6	1.9	0.0	58.9	11/5/19 18:45	(6.5)	(24.8)	0.0	(26.8)
11/5/19 6:00	43.1	32.4	(0.0)	75.5	11/5/19 19:00	(43.3)	(6.5)	(0.0)	(48.8)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/5/19 19:15	9.8	1.7	0.0	10.9	11/6/19 8:15	15.0	4.7	(17.3)	(6.5)
11/5/19 19:30	(4.7)	(5.6)	0.0	(10.3)	11/6/19 8:30	(15.8)	15.1	(9.4)	(10.0)
11/5/19 19:45	(32.6)	(5.4)	(0.0)	(37.6)	11/6/19 8:45	(6.9)	11.4	14.5	19.0
11/5/19 20:00	6.8	(16.5)	(0.0)	(17.7)	11/6/19 9:00	(13.4)	5.8	(4.9)	(11.8)
11/5/19 20:15	(9.2)	(31.1)	(0.0)	(40.3)	11/6/19 9:15	(22.8)	23.4	(10.5)	(12.5)
11/5/19 20:30	(32.3)	(21.3)	0.0	(50.7)	11/6/19 9:30	(10.5)	26.2	4.2	19.9
11/5/19 20:45	(21.3)	(8.7)	(0.0)	(27.5)	11/6/19 9:45	(13.4)	21.5	4.8	11.8
11/5/19 21:00	(21.1)	11.7	(0.0)	(10.9)	11/6/19 10:00	39.8	9.2	(3.0)	45.8
11/5/19 21:15	(16.1)	16.1	(0.0)	(7.3)	11/6/19 10:15	9.7	3.9	(6.7)	10.1
11/5/19 21:30	(57.5)	16.2	0.0	(41.3)	11/6/19 10:30	4.8	(7.7)	22.2	19.3
11/5/19 21:45	(18.0)	23.6	(0.0)	9.4	11/6/19 10:45	(10.7)	(31.1)	(10.8)	(50.6)
11/5/19 22:00	(25.6)	20.0	(0.0)	(6.6)	11/6/19 11:00	3.5	(94.8)	(6.0)	(93.8)
11/5/19 22:15	(52.0)	21.0	0.0	(31.0)	11/6/19 11:15	5.2	(78.2)	11.9	(61.1)
11/5/19 22:30	(20.8)	11.9	(0.0)	(8.9)	11/6/19 11:30	(4.6)	(27.1)	5.6	(27.6)
11/5/19 22:45	(29.2)	(0.9)	0.0	(29.4)	11/6/19 11:45	(7.4)	(15.7)	11.9	(11.4)
11/5/19 23:00	(33.6)	(3.5)	(0.0)	(36.4)	11/6/19 12:00	4.3	(72.5)	1.4	(70.4)
11/5/19 23:15	(40.3)	(10.5)	(0.0)	(50.3)	11/6/19 12:15	12.9	36.5	(8.4)	38.4
11/5/19 23:30	(9.9)	25.5	(0.0)	33.3	11/6/19 12:30	20.9	66.3	(7.0)	81.7
11/5/19 23:45	(10.5)	16.8	0.0	7.2	11/6/19 12:45	34.2	8.8	3.8	38.4
11/6/19 0:00	(19.8)	(2.2)	(0.0)	(21.8)	11/6/19 13:00	18.3	8.2	(6.1)	18.0
11/6/19 0:15	(31.2)	2.9	0.0	(28.3)	11/6/19 13:15	18.2	(26.2)	6.7	(2.9)
11/6/19 0:30	13.0	(0.8)	0.0	12.4	11/6/19 13:30	28.1	(16.3)	11.1	28.7
11/6/19 0:45	(5.4)	4.5	0.0	(1.2)	11/6/19 13:45	17.3	24.3	6.1	44.4
11/6/19 1:00	(28.1)	9.6	(0.0)	(20.7)	11/6/19 14:00	19.1	(12.5)	3.2	9.4
11/6/19 1:15	27.8	3.9	0.0	31.7	11/6/19 14:15	18.7	10.3	5.3	34.1
11/6/19 1:30	5.9	(5.2)	(0.0)	(4.6)	11/6/19 14:30	13.1	(3.7)	14.0	24.3
11/6/19 1:45	(31.3)	(9.0)	0.0	(40.4)	11/6/19 14:45	7.8	5.0	17.6	29.1
11/6/19 2:00	23.2	(2.2)	(0.0)	21.7	11/6/19 15:00	(37.6)	4.4	3.9	(31.6)
11/6/19 2:15	14.9	7.3	(0.0)	22.2	11/6/19 15:15	(21.4)	8.5	(18.2)	(29.0)
11/6/19 2:30	(19.2)	14.2	0.0	(11.6)	11/6/19 15:30	17.1	(10.5)	19.2	29.9
11/6/19 2:45	21.0	12.1	(0.0)	32.2	11/6/19 15:45	16.6	55.1	7.7	79.4
11/6/19 3:00	(7.5)	6.1	0.0	8.5	11/6/19 16:00	24.1	77.1	3.0	104.2
11/6/19 3:15	(28.5)	2.7	0.0	(26.0)	11/6/19 16:15	22.5	49.2	3.1	74.5
11/6/19 3:30	34.2	(4.1)	0.0	30.0	11/6/19 16:30	39.6	27.9	2.1	69.6
11/6/19 3:45	15.4	1.7	0.0	15.9	11/6/19 16:45	42.3	26.4	2.5	71.1
11/6/19 4:00	(23.2)	5.3	0.0	(18.1)	11/6/19 17:00	25.9	10.2	0.7	36.6
11/6/19 4:15	25.6	6.7	0.0	32.3	11/6/19 17:15	30.0	11.5	0.0	40.7
11/6/19 4:30	17.3	(4.1)	0.0	13.7	11/6/19 17:30	23.1	21.8	(0.0)	38.2
11/6/19 4:45	27.9	(7.0)	(0.0)	20.8	11/6/19 17:45	28.5	21.2	0.0	49.7
11/6/19 5:00	33.3	10.7	0.0	43.8	11/6/19 18:00	(8.8)	23.2	(0.0)	14.3
11/6/19 5:15	30.0	9.5	(0.0)	39.5	11/6/19 18:15	(16.3)	24.6	0.0	12.0
11/6/19 5:30	34.4	7.8	(0.0)	42.2	11/6/19 18:30	(28.9)	21.7	(0.0)	(7.5)
11/6/19 5:45	44.6	5.6	0.0	50.2	11/6/19 18:45	(10.6)	2.4	0.0	(10.2)
11/6/19 6:00	34.4	7.8	(0.0)	42.2	11/6/19 19:00	(34.8)	14.6	0.0	(21.4)
11/6/19 6:15	20.0	(34.9)	(0.0)	(16.6)	11/6/19 19:15	19.4	15.0	(0.0)	32.7
11/6/19 6:30	24.6	(67.5)	(0.2)	(43.1)	11/6/19 19:30	(37.4)	12.6	0.0	(26.6)
11/6/19 6:45	23.8	(56.7)	(2.0)	(34.8)	11/6/19 19:45	14.8	14.0	(0.0)	26.3
11/6/19 7:00	14.7	(17.9)	(6.2)	(11.0)	11/6/19 20:00	(15.3)	6.4	(0.0)	(10.7)
11/6/19 7:15	(19.3)	(30.3)	(15.2)	(64.7)	11/6/19 20:15	(44.7)	10.2	0.0	(35.3)
11/6/19 7:30	(10.8)	(68.9)	(17.4)	(97.0)	11/6/19 20:30	(8.9)	14.4	(0.0)	15.6
11/6/19 7:45	(14.3)	(35.6)	(19.0)	(69.0)	11/6/19 20:45	(9.5)	6.1	0.0	(4.6)
11/6/19 8:00	(10.9)	4.4	(20.4)	(27.4)	11/6/19 21:00	(44.7)	15.6	(0.0)	(31.3)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/6/19 21:15	(44.5)	5.1	0.0	(39.5)	11/7/19 10:15	(23.0)	(3.6)	6.3	(19.1)
11/6/19 21:30	(31.5)	4.6	(0.0)	(26.9)	11/7/19 10:30	(12.0)	(3.6)	(5.1)	(16.7)
11/6/19 21:45	(8.8)	7.1	0.0	(4.3)	11/7/19 10:45	(8.6)	(18.2)	2.8	(23.8)
11/6/19 22:00	(36.6)	6.6	(0.0)	(31.2)	11/7/19 11:00	(26.5)	(38.7)	5.3	(59.4)
11/6/19 22:15	(26.8)	6.8	(0.0)	(20.0)	11/7/19 11:15	(8.1)	(30.3)	0.9	(30.2)
11/6/19 22:30	(49.8)	7.3	(0.0)	(43.5)	11/7/19 11:30	(9.7)	(39.4)	0.8	(49.0)
11/6/19 22:45	(14.9)	2.7	0.0	(13.3)	11/7/19 11:45	(27.3)	(17.2)	(2.3)	(44.9)
11/6/19 23:00	(22.4)	0.3	(0.0)	(22.0)	11/7/19 12:00	15.8	(3.5)	(8.2)	10.8
11/6/19 23:15	(35.7)	1.4	(0.0)	(34.2)	11/7/19 12:15	7.8	8.6	1.0	15.2
11/6/19 23:30	(7.4)	0.4	(0.0)	(7.3)	11/7/19 12:30	(29.4)	19.3	5.6	(9.7)
11/6/19 23:45	(15.5)	0.3	0.0	(15.1)	11/7/19 12:45	16.6	13.4	(10.6)	17.4
11/7/19 0:00	(59.3)	0.4	(0.0)	(58.9)	11/7/19 13:00	2.3	16.3	(2.7)	14.8
11/7/19 0:15	16.0	0.3	0.0	16.2	11/7/19 13:15	(20.0)	8.6	0.1	(12.1)
11/7/19 0:30	(6.0)	(0.1)	0.0	(6.1)	11/7/19 13:30	13.4	13.3	(0.1)	24.0
11/7/19 0:45	(20.0)	0.1	0.0	(20.0)	11/7/19 13:45	2.0	15.0	(0.3)	15.1
11/7/19 1:00	(14.7)	0.1	(0.0)	(14.6)	11/7/19 14:00	(18.0)	11.7	(0.4)	(10.4)
11/7/19 1:15	(7.0)	(0.4)	0.0	(7.3)	11/7/19 14:15	23.0	11.1	(0.5)	33.7
11/7/19 1:30	(9.7)	(0.5)	0.0	(10.2)	11/7/19 14:30	8.0	9.4	1.5	18.8
11/7/19 1:45	40.7	(0.0)	(0.0)	40.6	11/7/19 14:45	(5.6)	(2.3)	0.5	(6.3)
11/7/19 2:00	2.2	(0.0)	0.0	2.2	11/7/19 15:00	9.6	(2.3)	2.6	10.3
11/7/19 2:15	(21.9)	(0.1)	0.0	(22.0)	11/7/19 15:15	7.8	2.6	9.8	18.4
11/7/19 2:30	11.5	(0.0)	(0.0)	11.5	11/7/19 15:30	15.3	(7.2)	14.8	19.5
11/7/19 2:45	8.9	(0.0)	0.0	8.9	11/7/19 15:45	31.7	(13.9)	18.7	36.4
11/7/19 3:00	(26.2)	0.0	0.0	(26.2)	11/7/19 16:00	21.7	(23.5)	20.1	18.5
11/7/19 3:15	27.9	(0.0)	(0.0)	27.9	11/7/19 16:15	(8.6)	(21.1)	17.5	(11.3)
11/7/19 3:30	5.3	(0.0)	(0.0)	5.3	11/7/19 16:30	56.2	(28.3)	13.9	41.7
11/7/19 3:45	(16.9)	0.1	(0.0)	(16.8)	11/7/19 16:45	46.5	(38.9)	4.9	15.4
11/7/19 4:00	34.9	0.1	0.0	35.0	11/7/19 17:00	28.3	(47.0)	1.0	(19.8)
11/7/19 4:15	20.6	0.2	(0.0)	20.8	11/7/19 17:15	59.8	(48.6)	(0.0)	13.5
11/7/19 4:30	(22.6)	0.0	(0.0)	(22.6)	11/7/19 17:30	34.6	(58.5)	(0.0)	(23.9)
11/7/19 4:45	10.7	0.1	(0.0)	10.7	11/7/19 17:45	(8.2)	(63.4)	(0.0)	(69.5)
11/7/19 5:00	28.0	(0.1)	(0.0)	27.9	11/7/19 18:00	16.7	(47.1)	(0.0)	(35.0)
11/7/19 5:15	14.4	(0.2)	0.0	14.3	11/7/19 18:15	(20.4)	(25.1)	(0.0)	(45.4)
11/7/19 5:30	49.5	0.1	0.0	49.6	11/7/19 18:30	(22.9)	(58.6)	0.0	(75.8)
11/7/19 5:45	44.7	(0.2)	(0.0)	44.6	11/7/19 18:45	(23.8)	(39.7)	(0.0)	(57.0)
11/7/19 6:00	29.9	0.5	(0.0)	30.3	11/7/19 19:00	17.6	(30.8)	(0.0)	(17.0)
11/7/19 6:15	73.4	(0.5)	0.0	73.0	11/7/19 19:15	(21.9)	(23.1)	0.0	(45.0)
11/7/19 6:30	44.1	(1.0)	(0.0)	43.1	11/7/19 19:30	(10.5)	(19.1)	(0.0)	(27.1)
11/7/19 6:45	(16.6)	0.2	(0.6)	(17.2)	11/7/19 19:45	(13.7)	30.9	(0.0)	21.7
11/7/19 7:00	48.2	(0.7)	(4.9)	42.6	11/7/19 20:00	(38.4)	(10.3)	0.0	(48.6)
11/7/19 7:15	4.8	(1.0)	(6.9)	(9.9)	11/7/19 20:15	15.1	(4.6)	(0.0)	10.8
11/7/19 7:30	(9.7)	(1.3)	(10.3)	(20.4)	11/7/19 20:30	(9.5)	(22.5)	0.0	(26.7)
11/7/19 7:45	(25.2)	(0.5)	(13.2)	(37.4)	11/7/19 20:45	(23.4)	(3.4)	(0.0)	(26.8)
11/7/19 8:00	7.0	(0.8)	(8.9)	(11.1)	11/7/19 21:00	(32.8)	(6.5)	0.0	(36.7)
11/7/19 8:15	(16.8)	0.2	(9.8)	(25.1)	11/7/19 21:15	10.5	(9.2)	(0.0)	(4.4)
11/7/19 8:30	(47.0)	(4.9)	(6.4)	(58.4)	11/7/19 21:30	(36.6)	14.3	0.0	(22.5)
11/7/19 8:45	(9.9)	(4.1)	(7.8)	(16.2)	11/7/19 21:45	(20.2)	13.6	(0.0)	24.3
11/7/19 9:00	13.4	(2.6)	(19.7)	(14.7)	11/7/19 22:00	(17.4)	8.4	(0.0)	(12.6)
11/7/19 9:15	(10.5)	(4.1)	(11.9)	(26.4)	11/7/19 22:15	(45.8)	11.7	(0.0)	(34.0)
11/7/19 9:30	(55.2)	(2.9)	(4.4)	(61.3)	11/7/19 22:30	(23.6)	11.9	0.0	(14.2)
11/7/19 9:45	10.8	(1.6)	15.7	24.0	11/7/19 22:45	(15.8)	(5.7)	0.0	(18.8)
11/7/19 10:00	7.8	(3.5)	(10.0)	(7.2)	11/7/19 23:00	(58.2)	13.3	(0.0)	(46.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/7/19 23:15	(38.8)	27.7	0.0	(13.2)	11/8/19 12:15	(12.3)	(8.5)	0.1	(16.7)
11/7/19 23:30	12.5	20.8	0.0	33.3	11/8/19 12:30	6.3	(35.3)	(0.4)	(37.2)
11/7/19 23:45	(20.8)	21.6	(0.0)	1.5	11/8/19 12:45	(12.3)	(21.1)	(0.8)	(28.0)
11/8/19 0:00	(36.6)	31.4	0.0	(11.2)	11/8/19 13:00	16.6	5.8	(0.8)	16.5
11/8/19 0:15	32.8	9.8	(0.0)	42.4	11/8/19 13:15	12.1	3.0	(0.6)	12.9
11/8/19 0:30	(14.8)	23.3	0.0	8.6	11/8/19 13:30	(25.5)	(18.9)	(0.5)	(44.7)
11/8/19 0:45	(28.1)	39.2	0.0	15.4	11/8/19 13:45	23.6	(20.1)	(0.9)	11.9
11/8/19 1:00	18.2	3.8	(0.0)	21.2	11/8/19 14:00	8.1	12.3	(0.5)	19.9
11/8/19 1:15	(2.8)	27.7	0.0	26.0	11/8/19 14:15	(11.4)	(2.9)	0.2	(14.0)
11/8/19 1:30	(30.6)	20.4	0.0	(10.5)	11/8/19 14:30	(9.7)	14.9	0.3	11.7
11/8/19 1:45	18.8	(11.5)	(0.0)	13.7	11/8/19 14:45	2.6	10.4	1.3	12.6
11/8/19 2:00	2.1	(33.5)	(0.0)	(31.9)	11/8/19 15:00	11.0	11.4	3.3	24.9
11/8/19 2:15	(32.1)	(22.9)	0.0	(55.0)	11/8/19 15:15	(4.0)	24.0	9.1	30.7
11/8/19 2:30	25.5	(21.5)	(0.0)	8.2	11/8/19 15:30	11.4	19.5	16.6	47.5
11/8/19 2:45	7.3	(31.6)	0.0	(24.3)	11/8/19 15:45	7.8	44.5	18.4	70.7
11/8/19 3:00	(21.6)	(8.4)	0.0	(29.8)	11/8/19 16:00	10.9	46.1	19.4	76.3
11/8/19 3:15	19.5	(5.8)	(0.0)	14.9	11/8/19 16:15	25.6	12.5	17.4	55.5
11/8/19 3:30	9.3	(8.0)	0.0	(7.1)	11/8/19 16:30	35.4	1.7	13.0	49.5
11/8/19 3:45	(39.2)	6.0	(0.0)	(34.4)	11/8/19 16:45	49.4	12.7	4.8	65.9
11/8/19 4:00	6.4	(22.0)	(0.0)	(20.0)	11/8/19 17:00	6.9	30.6	1.2	37.3
11/8/19 4:15	45.5	(23.6)	0.0	24.8	11/8/19 17:15	60.0	3.8	(0.0)	62.2
11/8/19 4:30	29.8	(29.3)	(0.0)	9.4	11/8/19 17:30	13.8	1.8	(0.0)	12.7
11/8/19 4:45	22.3	(14.9)	(0.0)	9.5	11/8/19 17:45	10.4	16.0	0.0	22.1
11/8/19 5:00	23.8	(11.9)	(0.0)	21.5	11/8/19 18:00	(13.3)	(9.4)	(0.0)	(22.0)
11/8/19 5:15	15.9	(4.2)	0.0	14.6	11/8/19 18:15	(18.7)	(3.1)	0.0	(19.4)
11/8/19 5:30	40.8	9.1	(0.0)	49.3	11/8/19 18:30	(43.1)	5.8	(0.0)	(38.0)
11/8/19 5:45	25.0	30.5	(0.0)	55.4	11/8/19 18:45	17.0	(24.5)	(0.0)	(9.9)
11/8/19 6:00	60.8	25.2	(0.0)	85.9	11/8/19 19:00	(6.5)	(25.7)	0.0	(31.5)
11/8/19 6:15	34.5	22.6	0.0	55.3	11/8/19 19:15	(38.6)	(8.1)	(0.0)	(45.3)
11/8/19 6:30	21.7	11.5	(0.1)	27.9	11/8/19 19:30	(23.2)	13.5	0.0	(9.7)
11/8/19 6:45	34.6	13.2	(1.5)	46.3	11/8/19 19:45	(7.8)	18.9	0.0	11.1
11/8/19 7:00	10.6	9.7	(5.0)	13.7	11/8/19 20:00	(11.6)	(14.6)	(0.0)	(22.5)
11/8/19 7:15	(21.6)	16.7	(10.3)	(17.1)	11/8/19 20:15	23.0	(40.4)	(0.0)	(17.4)
11/8/19 7:30	12.0	9.7	(14.3)	10.0	11/8/19 20:30	23.9	5.9	(0.0)	26.2
11/8/19 7:45	(23.4)	14.4	(17.4)	(26.4)	11/8/19 20:45	19.5	28.6	0.0	39.4
11/8/19 8:00	(32.6)	21.6	(15.0)	(25.7)	11/8/19 21:00	(37.0)	20.6	(0.0)	(21.2)
11/8/19 8:15	18.5	5.0	(10.4)	16.0	11/8/19 21:15	(8.9)	24.8	0.0	23.5
11/8/19 8:30	(22.3)	7.5	(6.3)	(21.1)	11/8/19 21:30	(30.7)	24.7	(0.0)	(9.1)
11/8/19 8:45	(53.7)	21.5	(5.1)	(37.4)	11/8/19 21:45	(41.7)	2.3	0.1	(41.0)
11/8/19 9:00	(11.9)	26.3	(3.0)	11.8	11/8/19 22:00	(14.6)	(5.1)	(0.0)	(19.6)
11/8/19 9:15	13.4	11.1	(12.0)	11.9	11/8/19 22:15	(24.5)	(24.1)	0.0	(48.7)
11/8/19 9:30	(9.2)	3.1	(6.1)	(12.0)	11/8/19 22:30	(51.2)	(28.3)	(0.0)	(77.7)
11/8/19 9:45	(8.4)	(3.0)	(2.3)	(13.8)	11/8/19 22:45	13.2	(30.7)	(0.0)	(20.7)
11/8/19 10:00	(14.2)	(13.3)	(0.7)	(24.6)	11/8/19 23:00	(18.4)	(18.2)	0.0	(36.7)
11/8/19 10:15	(11.1)	(39.0)	1.4	(44.9)	11/8/19 23:15	(44.8)	3.7	(0.0)	(41.2)
11/8/19 10:30	(11.1)	(56.4)	1.0	(61.3)	11/8/19 23:30	(8.9)	1.9	(0.0)	9.0
11/8/19 10:45	22.4	(23.0)	1.3	12.9	11/8/19 23:45	(10.5)	10.6	(0.0)	3.8
11/8/19 11:00	(7.7)	8.9	1.7	6.9	11/9/19 0:00	(23.1)	50.1	0.0	28.6
11/8/19 11:15	(35.9)	4.9	1.3	(30.1)	11/9/19 0:15	19.4	60.7	0.0	76.6
11/8/19 11:30	10.4	3.2	1.1	14.2	11/9/19 0:30	(5.2)	17.6	0.0	12.4
11/8/19 11:45	5.4	3.9	0.5	9.8	11/9/19 0:45	(35.6)	10.8	0.1	(25.1)
11/8/19 12:00	(12.9)	2.4	0.2	(13.7)	11/9/19 1:00	13.3	(19.7)	(0.1)	(14.5)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/9/19 1:15	7.6	(23.8)	(0.0)	(17.6)	11/9/19 14:15	29.1	(13.0)	(0.4)	18.3
11/9/19 1:30	(46.2)	(17.4)	(0.0)	(63.6)	11/9/19 14:30	19.0	5.0	0.9	24.7
11/9/19 1:45	(7.4)	(8.0)	(0.1)	(13.4)	11/9/19 14:45	(21.0)	7.6	0.8	(15.1)
11/9/19 2:00	(8.7)	(11.9)	(0.2)	(20.8)	11/9/19 15:00	39.3	29.5	3.4	72.2
11/9/19 2:15	(31.8)	(18.5)	0.3	(47.1)	11/9/19 15:15	16.0	16.5	10.0	42.5
11/9/19 2:30	28.8	(7.4)	0.1	22.2	11/9/19 15:30	9.6	35.9	15.9	52.1
11/9/19 2:45	(1.4)	(9.5)	0.1	(10.1)	11/9/19 15:45	30.7	11.2	17.7	59.4
11/9/19 3:00	(22.6)	(14.8)	(0.0)	(37.4)	11/9/19 16:00	16.1	(5.6)	19.6	30.9
11/9/19 3:15	14.3	(1.9)	(0.0)	13.0	11/9/19 16:15	(23.5)	22.6	17.4	17.6
11/9/19 3:30	21.0	(9.1)	0.0	11.9	11/9/19 16:30	11.4	37.5	13.3	60.7
11/9/19 3:45	(22.9)	5.6	0.0	(18.7)	11/9/19 16:45	63.3	38.9	4.7	106.9
11/9/19 4:00	30.3	(6.2)	0.0	24.5	11/9/19 17:00	45.4	48.2	0.9	94.5
11/9/19 4:15	16.9	2.1	0.0	17.4	11/9/19 17:15	12.6	36.8	(0.0)	45.3
11/9/19 4:30	(27.5)	(11.2)	0.0	(37.7)	11/9/19 17:30	7.5	18.2	(0.0)	22.3
11/9/19 4:45	33.4	(16.9)	0.0	19.4	11/9/19 17:45	(10.1)	(1.1)	(0.0)	(10.8)
11/9/19 5:00	15.5	(16.1)	(0.0)	(4.3)	11/9/19 18:00	18.2	(2.7)	0.0	16.0
11/9/19 5:15	(19.3)	(6.3)	(0.0)	(23.2)	11/9/19 18:15	(3.8)	3.9	0.0	(4.8)
11/9/19 5:30	23.1	(11.1)	(0.0)	16.9	11/9/19 18:30	(45.2)	(6.3)	(0.1)	(48.5)
11/9/19 5:45	14.4	(20.4)	(0.0)	(8.7)	11/9/19 18:45	12.3	(27.7)	0.1	(20.1)
11/9/19 6:00	22.0	(37.2)	0.0	(15.2)	11/9/19 19:00	(12.5)	(13.2)	(0.0)	(25.7)
11/9/19 6:15	22.5	(53.5)	(0.0)	(31.0)	11/9/19 19:15	(43.1)	(50.0)	(0.0)	(93.1)
11/9/19 6:30	15.1	(41.4)	(0.0)	(26.5)	11/9/19 19:30	16.3	(23.0)	0.0	(13.1)
11/9/19 6:45	(28.0)	25.0	(1.4)	(7.8)	11/9/19 19:45	(10.3)	(6.8)	(0.0)	(14.4)
11/9/19 7:00	15.5	23.6	(7.6)	20.4	11/9/19 20:00	(8.8)	27.2	(0.0)	18.4
11/9/19 7:15	(17.3)	(2.7)	(16.8)	(33.6)	11/9/19 20:15	(20.3)	55.1	(0.0)	36.3
11/9/19 7:30	(6.3)	(3.7)	(20.6)	(24.2)	11/9/19 20:30	12.0	64.7	0.0	70.0
11/9/19 7:45	18.9	(4.7)	(22.6)	(21.7)	11/9/19 20:45	(12.1)	19.8	(0.0)	10.3
11/9/19 8:00	9.7	5.7	(19.9)	(16.3)	11/9/19 21:00	(55.3)	10.3	(0.0)	(45.0)
11/9/19 8:15	(26.8)	28.5	(16.0)	(17.0)	11/9/19 21:15	12.3	19.7	0.0	30.1
11/9/19 8:30	14.5	11.2	(7.2)	15.4	11/9/19 21:30	(14.0)	(6.1)	0.0	(18.9)
11/9/19 8:45	4.6	44.1	(0.6)	45.4	11/9/19 21:45	(13.1)	(2.1)	(0.0)	(14.3)
11/9/19 9:00	(28.3)	52.4	(0.2)	24.1	11/9/19 22:00	(38.8)	(14.5)	(0.0)	(53.2)
11/9/19 9:15	10.0	25.6	0.4	35.9	11/9/19 22:15	12.5	(8.5)	(0.0)	(11.8)
11/9/19 9:30	11.8	3.4	1.3	14.5	11/9/19 22:30	(7.5)	(3.6)	(0.0)	(10.9)
11/9/19 9:45	(3.9)	9.4	1.9	11.3	11/9/19 22:45	(45.7)	5.4	0.0	(40.3)
11/9/19 10:00	(10.8)	21.4	1.5	13.4	11/9/19 23:00	(13.3)	(2.6)	(0.0)	(15.7)
11/9/19 10:15	14.9	21.0	1.5	36.8	11/9/19 23:15	(7.5)	(11.9)	(0.0)	(19.3)
11/9/19 10:30	20.8	30.6	1.5	52.6	11/9/19 23:30	(43.0)	(27.8)	0.0	(70.7)
11/9/19 10:45	7.1	43.0	1.7	50.6	11/9/19 23:45	(26.8)	(16.8)	(0.0)	(39.0)
11/9/19 11:00	(30.4)	23.7	1.3	(9.7)	11/10/19 0:00	11.6	(8.2)	(0.0)	(7.9)
11/9/19 11:15	(8.4)	8.3	1.2	5.4	11/10/19 0:15	(9.8)	(4.9)	(0.0)	(13.8)
11/9/19 11:30	7.1	(2.4)	1.1	5.9	11/10/19 0:30	(33.9)	9.1	0.0	(25.0)
11/9/19 11:45	(19.0)	1.2	0.3	(19.3)	11/10/19 0:45	16.4	21.9	(0.0)	34.6
11/9/19 12:00	12.5	(1.8)	0.6	13.5	11/10/19 1:00	(6.4)	29.5	(0.0)	23.4
11/9/19 12:15	14.2	(4.1)	(0.4)	10.1	11/10/19 1:15	(30.1)	25.5	(0.0)	(10.9)
11/9/19 12:30	(28.2)	(19.8)	(0.7)	(48.7)	11/10/19 1:30	(14.0)	9.3	0.0	(7.3)
11/9/19 12:45	19.7	(66.1)	(0.8)	(51.6)	11/10/19 1:45	(5.3)	(12.1)	0.0	(16.4)
11/9/19 13:00	4.0	(86.5)	(1.1)	(84.7)	11/10/19 2:00	28.1	(16.2)	(0.0)	16.3
11/9/19 13:15	(29.2)	(21.0)	(0.9)	(49.8)	11/10/19 2:15	4.3	7.5	(0.0)	10.0
11/9/19 13:30	25.0	(35.8)	(0.9)	(13.7)	11/10/19 2:30	(2.7)	(10.6)	0.0	(12.7)
11/9/19 13:45	8.2	(44.3)	(0.6)	(37.2)	11/10/19 2:45	(42.2)	(67.4)	(0.0)	(109.6)
11/9/19 14:00	(16.2)	12.9	(0.6)	8.5	11/10/19 3:00	65.1	(67.2)	(0.0)	(26.1)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/10/19 3:15	32.4	(28.4)	0.0	21.1	11/10/19 16:15	37.2	(74.6)	9.7	(27.7)
11/10/19 3:30	2.3	(15.1)	0.0	(15.1)	11/10/19 16:30	32.3	(79.9)	7.3	(40.3)
11/10/19 3:45	(20.3)	(27.0)	(0.0)	(46.3)	11/10/19 16:45	2.5	(52.0)	4.9	(44.6)
11/10/19 4:00	24.4	(20.7)	(0.0)	8.5	11/10/19 17:00	58.7	(34.8)	0.8	26.5
11/10/19 4:15	7.1	3.2	(0.0)	8.1	11/10/19 17:15	32.0	(22.2)	(0.0)	10.9
11/10/19 4:30	(20.0)	(36.1)	0.0	(50.4)	11/10/19 17:30	38.6	(18.2)	0.0	21.2
11/10/19 4:45	29.2	(23.5)	0.0	14.5	11/10/19 17:45	12.8	(5.2)	(0.0)	10.4
11/10/19 5:00	12.7	(6.2)	0.0	10.0	11/10/19 18:00	12.3	71.5	0.0	83.7
11/10/19 5:15	(63.0)	24.8	(0.0)	(38.4)	11/10/19 18:15	(15.1)	64.0	0.0	50.2
11/10/19 5:30	39.7	(47.4)	(0.0)	(11.1)	11/10/19 18:30	(17.7)	20.1	(0.0)	26.5
11/10/19 5:45	18.8	(32.0)	(0.0)	(13.2)	11/10/19 18:45	(13.4)	8.2	0.0	9.6
11/10/19 6:00	9.5	(13.8)	(0.0)	(8.8)	11/10/19 19:00	(38.4)	29.8	(0.0)	(11.2)
11/10/19 6:15	23.9	(13.5)	0.0	11.7	11/10/19 19:15	14.2	22.5	(0.0)	26.5
11/10/19 6:30	12.2	(11.9)	0.0	3.9	11/10/19 19:30	3.3	(2.9)	0.0	(3.6)
11/10/19 6:45	(7.2)	(12.0)	(1.3)	(13.0)	11/10/19 19:45	6.8	(21.1)	0.0	(15.7)
11/10/19 7:00	(10.7)	14.3	(5.1)	11.8	11/10/19 20:00	32.6	13.7	(0.0)	44.5
11/10/19 7:15	16.6	(3.8)	(12.2)	4.9	11/10/19 20:15	(2.5)	14.2	0.0	13.9
11/10/19 7:30	(9.5)	24.5	(17.3)	4.7	11/10/19 20:30	(32.4)	16.3	0.0	(16.3)
11/10/19 7:45	(20.4)	68.0	(17.5)	37.2	11/10/19 20:45	(8.6)	(12.7)	0.0	(14.3)
11/10/19 8:00	20.7	47.8	(20.3)	48.3	11/10/19 21:00	(18.1)	(19.1)	0.0	(37.2)
11/10/19 8:15	21.4	60.5	(9.8)	69.0	11/10/19 21:15	(48.2)	(22.7)	(0.0)	(70.9)
11/10/19 8:30	(36.5)	24.6	(9.4)	(21.3)	11/10/19 21:30	(7.9)	10.0	(0.0)	14.8
11/10/19 8:45	3.1	(7.2)	5.7	2.8	11/10/19 21:45	(19.9)	14.2	0.0	(7.8)
11/10/19 9:00	2.6	(18.3)	3.2	(15.5)	11/10/19 22:00	(55.7)	22.2	(0.0)	(33.6)
11/10/19 9:15	0.8	8.6	(10.3)	(6.7)	11/10/19 22:15	(10.8)	(6.0)	0.0	(12.0)
11/10/19 9:30	18.1	22.4	1.1	40.7	11/10/19 22:30	(25.2)	(9.4)	(0.0)	(33.7)
11/10/19 9:45	7.6	41.7	(3.6)	40.1	11/10/19 22:45	(31.3)	(28.2)	0.0	(57.4)
11/10/19 10:00	3.4	40.9	2.5	45.7	11/10/19 23:00	(20.4)	25.2	(0.0)	19.7
11/10/19 10:15	(23.2)	31.6	1.3	14.6	11/10/19 23:15	8.4	74.8	(0.0)	81.7
11/10/19 10:30	17.4	38.1	11.5	65.2	11/10/19 23:30	(25.9)	113.9	0.0	88.0
11/10/19 10:45	8.7	38.1	7.5	47.5	11/10/19 23:45	(31.2)	61.8	0.0	38.1
11/10/19 11:00	(25.1)	37.0	(8.3)	16.3	11/11/19 0:00	6.3	33.5	(0.0)	35.6
11/10/19 11:15	22.9	23.9	7.8	53.5	11/11/19 0:15	6.4	20.9	(0.0)	24.9
11/10/19 11:30	(3.0)	10.6	2.9	11.5	11/11/19 0:30	(29.6)	15.3	0.0	(19.8)
11/10/19 11:45	(25.5)	5.0	13.1	(7.4)	11/11/19 0:45	18.1	8.5	0.0	25.4
11/10/19 12:00	30.8	2.2	3.6	34.4	11/11/19 1:00	3.0	6.0	(0.0)	7.3
11/10/19 12:15	7.4	(7.3)	(5.0)	(6.4)	11/11/19 1:15	(25.5)	3.4	(0.0)	(23.9)
11/10/19 12:30	(21.3)	(32.5)	(13.4)	(65.5)	11/11/19 1:30	17.4	31.8	0.0	46.7
11/10/19 12:45	22.4	(56.5)	2.0	(35.0)	11/11/19 1:45	9.8	20.4	0.0	30.0
11/10/19 13:00	7.4	(71.4)	(5.5)	(69.4)	11/11/19 2:00	(32.3)	2.7	(0.0)	(31.2)
11/10/19 13:15	(17.1)	(53.3)	40.7	(27.7)	11/11/19 2:15	26.7	3.1	0.0	29.2
11/10/19 13:30	24.3	(24.6)	(39.7)	(40.2)	11/11/19 2:30	4.1	16.8	(0.0)	19.8
11/10/19 13:45	11.0	(13.1)	4.9	7.1	11/11/19 2:45	(24.4)	28.7	0.1	11.6
11/10/19 14:00	(16.7)	9.9	8.4	5.8	11/11/19 3:00	19.8	16.0	0.0	34.2
11/10/19 14:15	17.7	35.4	5.4	52.8	11/11/19 3:15	12.9	19.5	0.1	32.5
11/10/19 14:30	18.6	34.3	7.2	53.6	11/11/19 3:30	11.3	(2.4)	(0.0)	11.2
11/10/19 14:45	16.1	6.7	(4.4)	23.0	11/11/19 3:45	15.3	9.0	(0.0)	23.9
11/10/19 15:00	(14.9)	(6.3)	12.8	(14.0)	11/11/19 4:00	20.4	12.0	0.0	32.5
11/10/19 15:15	31.3	(10.7)	(11.4)	11.0	11/11/19 4:15	12.7	(10.9)	0.0	(9.8)
11/10/19 15:30	31.8	(41.0)	4.7	(10.6)	11/11/19 4:30	(25.9)	(3.7)	0.0	(29.2)
11/10/19 15:45	20.4	(124.9)	13.1	(92.1)	11/11/19 4:45	36.2	(4.9)	(0.0)	31.3
11/10/19 16:00	16.0	(107.5)	17.6	(79.9)	11/11/19 5:00	49.0	(0.9)	(0.0)	48.8

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/11/19 5:15	43.0	2.7	0.0	45.6	11/11/19 18:15	(10.1)	(9.5)	(0.0)	(18.0)
11/11/19 5:30	(28.4)	(5.0)	0.0	(32.9)	11/11/19 18:30	(1.7)	(10.7)	0.0	(11.6)
11/11/19 5:45	38.3	(4.5)	(0.0)	35.7	11/11/19 18:45	(6.5)	(13.7)	(0.0)	(20.2)
11/11/19 6:00	51.3	(13.4)	(0.0)	37.9	11/11/19 19:00	(14.5)	(15.1)	0.0	(29.6)
11/11/19 6:15	12.5	2.1	0.0	12.7	11/11/19 19:15	(21.6)	(16.6)	(0.0)	(38.3)
11/11/19 6:30	67.6	(1.7)	0.0	66.8	11/11/19 19:30	(16.6)	(21.5)	0.0	(38.1)
11/11/19 6:45	20.8	(13.0)	(0.5)	10.6	11/11/19 19:45	(18.8)	(17.6)	0.1	(36.3)
11/11/19 7:00	37.9	(12.2)	(3.7)	22.7	11/11/19 20:00	20.5	(24.6)	0.0	(4.8)
11/11/19 7:15	(14.9)	(1.6)	(6.6)	(22.0)	11/11/19 20:15	(16.6)	(23.4)	0.0	(39.7)
11/11/19 7:30	12.5	(7.5)	(8.2)	(4.8)	11/11/19 20:30	(17.3)	(14.6)	0.0	(29.5)
11/11/19 7:45	11.3	(1.8)	(11.3)	(1.8)	11/11/19 20:45	(50.6)	(17.9)	(0.0)	(66.4)
11/11/19 8:00	18.1	6.3	(8.7)	15.4	11/11/19 21:00	(12.0)	(14.4)	(0.0)	(20.5)
11/11/19 8:15	32.2	20.7	(8.4)	44.6	11/11/19 21:15	(26.9)	(11.0)	(0.0)	(37.9)
11/11/19 8:30	9.8	11.5	(9.0)	12.4	11/11/19 21:30	(46.5)	(8.4)	0.0	(55.0)
11/11/19 8:45	(20.2)	(2.7)	3.8	(19.5)	11/11/19 21:45	(26.1)	(15.3)	(0.0)	(41.4)
11/11/19 9:00	4.1	(3.0)	(2.7)	(7.5)	11/11/19 22:00	(28.1)	(20.4)	(0.0)	(48.5)
11/11/19 9:15	28.5	12.8	(9.0)	32.3	11/11/19 22:15	(46.8)	(20.5)	(0.0)	(67.3)
11/11/19 9:30	9.7	2.2	(1.7)	10.7	11/11/19 22:30	(46.8)	(9.8)	0.0	(56.6)
11/11/19 9:45	(24.9)	9.6	3.9	(14.4)	11/11/19 22:45	(18.6)	(14.7)	(0.0)	(31.5)
11/11/19 10:00	(9.8)	15.5	(3.2)	10.2	11/11/19 23:00	(28.0)	(8.4)	(0.0)	(36.4)
11/11/19 10:15	2.0	18.8	(3.1)	17.7	11/11/19 23:15	(16.8)	3.2	0.0	(14.4)
11/11/19 10:30	10.1	14.9	(3.2)	20.5	11/11/19 23:30	(11.5)	(11.7)	(0.0)	(22.3)
11/11/19 10:45	10.2	5.9	(1.9)	13.7	11/11/19 23:45	(10.3)	6.1	(0.0)	(7.3)
11/11/19 11:00	9.0	0.3	(2.2)	7.0	11/12/19 0:00	(5.5)	4.1	(0.0)	6.3
11/11/19 11:15	(25.2)	(1.3)	0.6	(26.1)	11/12/19 0:15	9.4	1.7	(0.0)	10.6
11/11/19 11:30	12.2	(5.4)	(1.4)	9.1	11/12/19 0:30	(17.9)	(5.1)	0.0	(23.1)
11/11/19 11:45	9.5	(1.9)	(1.3)	8.0	11/12/19 0:45	(6.7)	(13.2)	0.0	(19.5)
11/11/19 12:00	(26.7)	0.8	1.0	(25.3)	11/12/19 1:00	(18.3)	(27.2)	(0.0)	(45.3)
11/11/19 12:15	14.7	(2.6)	(0.4)	12.0	11/12/19 1:15	14.5	(18.2)	0.0	(14.1)
11/11/19 12:30	(15.4)	1.1	(1.3)	(15.9)	11/12/19 1:30	(4.9)	(18.5)	(0.0)	(22.7)
11/11/19 12:45	(7.0)	4.3	(1.4)	(7.7)	11/12/19 1:45	(16.1)	(16.7)	0.0	(29.9)
11/11/19 13:00	(25.4)	1.2	(2.2)	(27.7)	11/12/19 2:00	(20.5)	(18.8)	(0.0)	(37.6)
11/11/19 13:15	(11.4)	6.8	(3.1)	(9.9)	11/12/19 2:15	(3.1)	(27.2)	0.0	(28.9)
11/11/19 13:30	5.0	5.7	2.2	11.5	11/12/19 2:30	2.9	(23.0)	0.0	(22.6)
11/11/19 13:45	(22.3)	5.4	0.6	(18.2)	11/12/19 2:45	2.2	(21.1)	0.0	(19.3)
11/11/19 14:00	(12.0)	5.1	3.3	(8.7)	11/12/19 3:00	4.3	(25.5)	(0.0)	(22.1)
11/11/19 14:15	13.9	7.3	(1.4)	18.7	11/12/19 3:15	12.6	(41.7)	(0.0)	(29.1)
11/11/19 14:30	(2.7)	2.7	5.9	7.4	11/12/19 3:30	4.6	(39.2)	(0.0)	(34.7)
11/11/19 14:45	(29.1)	0.9	2.1	(26.7)	11/12/19 3:45	6.1	(32.6)	0.0	(26.5)
11/11/19 15:00	27.7	0.9	(0.6)	28.4	11/12/19 4:00	10.7	(27.4)	0.0	(16.7)
11/11/19 15:15	20.5	(0.7)	(2.6)	17.9	11/12/19 4:15	22.9	(27.6)	0.0	(4.7)
11/11/19 15:30	15.5	2.2	11.0	26.8	11/12/19 4:30	17.7	(32.8)	(0.0)	(15.1)
11/11/19 15:45	16.1	4.3	19.5	31.4	11/12/19 4:45	19.7	(31.5)	(0.0)	(11.8)
11/11/19 16:00	39.4	1.4	18.5	59.4	11/12/19 5:00	28.9	27.6	(0.0)	52.2
11/11/19 16:15	10.6	1.5	10.8	20.4	11/12/19 5:15	34.7	(15.9)	0.0	27.2
11/11/19 16:30	(9.0)	(0.6)	8.5	8.4	11/12/19 5:30	41.2	27.8	0.0	69.0
11/11/19 16:45	89.7	(5.7)	4.0	88.0	11/12/19 5:45	46.2	18.5	(0.0)	55.7
11/11/19 17:00	44.2	(3.4)	0.7	41.6	11/12/19 6:00	39.7	7.7	0.0	44.1
11/11/19 17:15	61.9	(6.8)	0.1	55.2	11/12/19 6:15	41.0	(5.2)	(0.0)	36.1
11/11/19 17:30	(10.4)	(5.7)	(0.0)	(15.0)	11/12/19 6:30	27.0	(1.4)	(0.0)	25.9
11/11/19 17:45	13.3	(3.6)	(0.0)	9.7	11/12/19 6:45	29.0	23.6	(0.9)	51.7
11/11/19 18:00	(26.3)	(3.0)	0.0	(29.3)	11/12/19 7:00	17.5	15.6	(4.4)	28.6

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/12/19 7:15	(13.6)	(19.5)	(8.9)	(40.9)	11/12/19 20:15	(12.8)	11.2	(0.0)	(7.2)
11/12/19 7:30	(13.3)	(8.7)	(12.5)	(28.1)	11/12/19 20:30	(16.7)	(10.1)	(0.0)	(24.4)
11/12/19 7:45	(19.3)	9.5	(17.3)	(30.0)	11/12/19 20:45	(24.3)	35.7	0.0	11.7
11/12/19 8:00	(18.3)	(8.3)	(14.2)	(40.8)	11/12/19 21:00	(33.3)	59.1	(0.0)	25.7
11/12/19 8:15	(40.1)	7.8	(13.7)	(46.9)	11/12/19 21:15	(26.9)	46.3	0.0	19.4
11/12/19 8:30	(43.5)	4.8	(15.1)	(55.1)	11/12/19 21:30	(38.1)	54.9	(0.0)	16.8
11/12/19 8:45	(23.5)	8.5	(11.5)	(26.5)	11/12/19 21:45	(40.1)	16.2	0.0	(24.2)
11/12/19 9:00	(10.4)	(24.9)	(3.5)	(33.6)	11/12/19 22:00	(44.7)	(5.7)	(0.0)	(50.4)
11/12/19 9:15	(8.7)	10.9	(6.0)	(6.0)	11/12/19 22:15	(47.9)	(39.4)	(0.0)	(87.3)
11/12/19 9:30	(14.0)	(32.3)	(2.5)	(43.0)	11/12/19 22:30	(36.3)	17.1	(0.0)	(22.2)
11/12/19 9:45	(19.0)	60.1	0.7	46.6	11/12/19 22:45	(29.3)	64.3	0.0	35.1
11/12/19 10:00	(18.2)	42.4	1.2	29.5	11/12/19 23:00	(30.8)	62.4	(0.0)	31.5
11/12/19 10:15	(8.6)	(3.9)	2.1	(10.3)	11/12/19 23:15	(12.9)	59.6	(0.0)	46.7
11/12/19 10:30	(27.7)	6.5	1.3	(20.6)	11/12/19 23:30	(22.8)	49.6	(0.0)	26.8
11/12/19 10:45	(17.6)	19.7	1.6	5.4	11/12/19 23:45	(17.3)	29.8	0.0	12.8
11/12/19 11:00	(21.1)	15.7	1.7	(5.1)	11/13/19 0:00	(10.6)	35.7	(0.0)	28.2
11/12/19 11:15	(10.1)	21.8	1.4	13.1	11/13/19 0:15	6.2	8.2	0.0	12.8
11/12/19 11:30	(12.2)	40.8	0.8	29.5	11/13/19 0:30	(5.9)	16.2	0.0	11.4
11/12/19 11:45	(9.7)	29.4	0.4	20.2	11/13/19 0:45	(4.3)	(12.8)	(0.0)	(15.9)
11/12/19 12:00	(2.6)	17.2	(0.3)	14.7	11/13/19 1:00	(7.4)	(53.2)	(0.0)	(59.6)
11/12/19 12:15	5.0	(3.5)	(0.6)	2.3	11/13/19 1:15	6.7	(14.7)	0.0	(9.7)
11/12/19 12:30	(6.9)	5.0	2.3	3.3	11/13/19 1:30	(4.6)	(4.8)	0.0	(9.4)
11/12/19 12:45	(3.5)	20.8	(3.9)	14.5	11/13/19 1:45	39.0	(12.1)	(0.0)	27.5
11/12/19 13:00	(2.4)	33.5	(0.8)	32.0	11/13/19 2:00	(6.0)	(50.3)	0.0	(54.0)
11/12/19 13:15	2.5	39.9	(0.4)	39.8	11/13/19 2:15	(12.7)	(16.9)	(0.0)	(28.7)
11/12/19 13:30	2.1	53.9	(0.5)	53.6	11/13/19 2:30	(4.6)	(7.7)	0.0	(10.7)
11/12/19 13:45	3.0	43.1	(0.7)	45.4	11/13/19 2:45	(4.7)	(23.6)	0.0	(28.2)
11/12/19 14:00	1.2	20.5	(0.5)	20.4	11/13/19 3:00	(6.5)	(19.5)	0.0	(25.5)
11/12/19 14:15	3.9	18.1	(0.4)	21.6	11/13/19 3:15	6.9	(45.5)	(0.0)	(38.6)
11/12/19 14:30	3.4	16.5	0.8	20.6	11/13/19 3:30	2.5	(21.5)	(0.0)	(19.1)
11/12/19 14:45	5.6	16.5	1.0	23.1	11/13/19 3:45	8.4	(26.9)	(0.0)	(18.6)
11/12/19 15:00	7.8	(5.1)	3.6	7.1	11/13/19 4:00	15.8	(43.4)	(0.0)	(27.5)
11/12/19 15:15	8.3	(13.6)	12.5	7.3	11/13/19 4:15	8.9	(62.0)	0.0	(53.2)
11/12/19 15:30	13.8	(40.9)	17.2	(9.8)	11/13/19 4:30	13.7	(37.9)	(0.0)	(25.5)
11/12/19 15:45	20.5	(40.3)	18.2	(2.9)	11/13/19 4:45	23.0	(1.8)	0.0	21.2
11/12/19 16:00	24.4	(46.8)	19.2	(3.5)	11/13/19 5:00	31.4	(24.6)	(0.0)	6.8
11/12/19 16:15	23.0	(66.5)	17.5	(26.1)	11/13/19 5:15	43.4	(46.2)	(0.0)	(3.1)
11/12/19 16:30	35.3	(48.7)	11.2	(6.3)	11/13/19 5:30	30.8	(61.4)	0.0	(30.6)
11/12/19 16:45	50.0	(25.0)	3.6	28.6	11/13/19 5:45	44.6	(89.8)	0.0	(45.3)
11/12/19 17:00	49.6	(20.7)	0.7	29.6	11/13/19 6:00	36.8	(79.7)	(0.0)	(44.4)
11/12/19 17:15	47.0	(18.9)	(0.0)	28.1	11/13/19 6:15	40.4	(12.4)	(0.0)	33.3
11/12/19 17:30	31.4	(21.8)	0.0	9.6	11/13/19 6:30	34.4	(14.1)	0.0	20.3
11/12/19 17:45	7.4	(8.8)	0.0	(1.4)	11/13/19 6:45	15.7	(12.1)	(0.6)	5.3
11/12/19 18:00	(8.6)	(3.2)	(0.0)	(10.1)	11/13/19 7:00	3.2	(19.6)	(4.3)	(23.6)
11/12/19 18:15	(20.0)	(4.6)	0.0	(24.6)	11/13/19 7:15	(8.0)	18.8	(5.3)	(15.1)
11/12/19 18:30	(9.7)	(12.0)	(0.0)	(21.5)	11/13/19 7:30	(7.8)	63.3	(14.5)	41.1
11/12/19 18:45	(5.5)	7.0	(0.0)	4.2	11/13/19 7:45	(12.9)	32.9	(2.4)	18.7
11/12/19 19:00	(13.6)	(11.6)	0.0	(25.2)	11/13/19 8:00	(11.7)	24.5	(18.0)	(3.8)
11/12/19 19:15	(12.0)	(35.0)	(0.0)	(47.0)	11/13/19 8:15	8.4	85.6	(30.3)	63.4
11/12/19 19:30	(15.6)	(39.7)	(0.0)	(55.3)	11/13/19 8:30	(2.0)	67.9	(15.0)	51.0
11/12/19 19:45	(12.9)	4.5	0.0	(13.7)	11/13/19 8:45	3.0	13.7	(4.9)	11.1
11/12/19 20:00	(8.9)	12.7	(0.0)	4.2	11/13/19 9:00	(5.5)	(68.3)	1.2	(73.0)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/13/19 9:15	(5.7)	(63.3)	16.8	(50.2)	11/13/19 22:15	(18.2)	5.6	(0.0)	(12.6)
11/13/19 9:30	(13.2)	(22.6)	4.4	(34.4)	11/13/19 22:30	(36.1)	7.4	0.0	(28.7)
11/13/19 9:45	(12.8)	21.8	(11.1)	(5.8)	11/13/19 22:45	(36.0)	7.5	(0.0)	(28.5)
11/13/19 10:00	(16.4)	(7.3)	(16.7)	(33.8)	11/13/19 23:00	(32.9)	(3.5)	0.0	(36.1)
11/13/19 10:15	3.7	16.3	9.3	17.5	11/13/19 23:15	(19.6)	(2.9)	(0.0)	(22.2)
11/13/19 10:30	(6.7)	(37.2)	(6.3)	(47.4)	11/13/19 23:30	(24.9)	4.4	0.0	(20.5)
11/13/19 10:45	(14.8)	34.4	6.8	32.6	11/13/19 23:45	(17.8)	(3.5)	(0.0)	(20.0)
11/13/19 11:00	(10.9)	(47.4)	12.7	(41.4)	11/14/19 0:00	(12.2)	(14.0)	0.0	(26.2)
11/13/19 11:15	24.9	44.2	(3.1)	60.5	11/14/19 0:15	(10.2)	(21.7)	0.0	(31.9)
11/13/19 11:30	(6.1)	9.3	6.5	8.9	11/14/19 0:30	8.5	(14.4)	0.0	(11.0)
11/13/19 11:45	(8.8)	41.9	(15.6)	17.8	11/14/19 0:45	12.2	(4.4)	(0.0)	7.9
11/13/19 12:00	(3.7)	33.6	(4.8)	25.6	11/14/19 1:00	(27.8)	(0.6)	0.0	(28.2)
11/13/19 12:15	(4.6)	64.1	(0.8)	59.7	11/14/19 1:15	7.2	(13.0)	(0.0)	(10.2)
11/13/19 12:30	(53.0)	42.9	(0.7)	(14.9)	11/14/19 1:30	67.6	(27.3)	0.0	40.3
11/13/19 12:45	(2.6)	11.6	(2.3)	8.0	11/14/19 1:45	(38.5)	(5.6)	(0.0)	(42.9)
11/13/19 13:00	(14.2)	6.7	(1.0)	(11.1)	11/14/19 2:00	(10.5)	4.4	0.1	(6.5)
11/13/19 13:15	8.0	18.9	(0.6)	26.3	11/14/19 2:15	37.7	6.7	0.0	44.2
11/13/19 13:30	2.5	2.7	(0.7)	4.6	11/14/19 2:30	(15.9)	7.8	0.0	(9.8)
11/13/19 13:45	1.7	15.4	(0.8)	16.1	11/14/19 2:45	19.1	3.9	0.0	19.9
11/13/19 14:00	(3.2)	10.1	(0.3)	8.4	11/14/19 3:00	8.6	18.6	(0.0)	26.5
11/13/19 14:15	5.0	(11.4)	(0.6)	(7.2)	11/14/19 3:15	(23.5)	17.3	0.0	(9.1)
11/13/19 14:30	9.8	7.3	1.3	13.0	11/14/19 3:30	29.0	11.6	0.0	40.1
11/13/19 14:45	12.2	(11.9)	1.1	11.6	11/14/19 3:45	2.9	9.7	(0.0)	10.3
11/13/19 15:00	7.9	(81.1)	3.9	(69.3)	11/14/19 4:00	(9.1)	(5.1)	0.0	(13.6)
11/13/19 15:15	19.7	(85.4)	11.4	(54.3)	11/14/19 4:15	(13.0)	(18.6)	(0.0)	(27.7)
11/13/19 15:30	16.5	(51.0)	16.6	(17.8)	11/14/19 4:30	11.9	(7.4)	0.0	6.3
11/13/19 15:45	22.8	(40.0)	20.9	19.2	11/14/19 4:45	35.3	(0.6)	(0.0)	35.1
11/13/19 16:00	14.4	14.0	21.8	47.1	11/14/19 5:00	57.0	0.6	0.0	57.1
11/13/19 16:15	(13.1)	71.5	13.3	78.0	11/14/19 5:15	41.3	(0.7)	(0.0)	40.9
11/13/19 16:30	27.9	78.0	9.6	115.6	11/14/19 5:30	7.4	(12.6)	0.0	(9.5)
11/13/19 16:45	45.2	64.9	3.5	113.6	11/14/19 5:45	70.0	(4.3)	(0.1)	67.9
11/13/19 17:00	46.7	61.3	0.4	108.4	11/14/19 6:00	48.5	6.0	0.1	54.6
11/13/19 17:15	24.5	62.9	(0.0)	87.4	11/14/19 6:15	(8.4)	(5.4)	(0.0)	(10.2)
11/13/19 17:30	15.4	71.9	(0.0)	87.0	11/14/19 6:30	27.1	(14.7)	0.0	12.4
11/13/19 17:45	3.8	42.3	0.0	45.0	11/14/19 6:45	9.0	(8.8)	(0.6)	(9.4)
11/13/19 18:00	5.3	84.0	(0.0)	85.2	11/14/19 7:00	15.7	(19.6)	(3.5)	(10.7)
11/13/19 18:15	(12.3)	47.7	(0.0)	35.4	11/14/19 7:15	(11.5)	(14.4)	(12.2)	(35.0)
11/13/19 18:30	10.4	30.3	0.0	40.2	11/14/19 7:30	8.9	(3.5)	(14.4)	(17.6)
11/13/19 18:45	(3.9)	49.8	(0.0)	49.0	11/14/19 7:45	(13.1)	(10.3)	(23.8)	(47.2)
11/13/19 19:00	(16.0)	19.1	(0.0)	3.2	11/14/19 8:00	(22.3)	4.0	(16.7)	(35.2)
11/13/19 19:15	(8.8)	9.1	(0.0)	2.1	11/14/19 8:15	(16.0)	3.8	(18.0)	(30.2)
11/13/19 19:30	(14.9)	3.9	0.0	(11.4)	11/14/19 8:30	(20.9)	2.1	(8.8)	(27.6)
11/13/19 19:45	(8.2)	(7.9)	0.0	(16.1)	11/14/19 8:45	(19.2)	3.5	1.0	(15.4)
11/13/19 20:00	(18.1)	(8.5)	(0.0)	(25.5)	11/14/19 9:00	2.6	(4.8)	(5.2)	(9.2)
11/13/19 20:15	(18.7)	20.8	0.0	4.5	11/14/19 9:15	3.8	(17.1)	(5.0)	(20.6)
11/13/19 20:30	(14.0)	12.4	0.0	(4.2)	11/14/19 9:30	(13.9)	(27.6)	0.4	(41.2)
11/13/19 20:45	(17.3)	1.9	(0.0)	(16.9)	11/14/19 9:45	(20.4)	(32.5)	1.1	(51.8)
11/13/19 21:00	(27.1)	5.7	0.0	(23.3)	11/14/19 10:00	(7.1)	(45.7)	1.3	(50.7)
11/13/19 21:15	(23.2)	(6.4)	(0.0)	(28.2)	11/14/19 10:15	(2.7)	(44.2)	1.7	(44.9)
11/13/19 21:30	(30.4)	3.8	0.0	(27.1)	11/14/19 10:30	16.7	(25.7)	1.4	(17.0)
11/13/19 21:45	(34.6)	6.0	(0.0)	(28.6)	11/14/19 10:45	19.7	(14.7)	1.0	12.5
11/13/19 22:00	(40.5)	0.9	(0.0)	(39.7)	11/14/19 11:00	(16.3)	(8.9)	25.2	13.7

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/14/19 11:15	(48.7)	(38.6)	17.3	(58.8)	11/15/19 0:15	(7.4)	(18.5)	0.0	(25.2)
11/14/19 11:30	(13.9)	55.6	0.4	42.1	11/15/19 0:30	(15.7)	11.1	0.0	(4.7)
11/14/19 11:45	(2.2)	20.2	0.5	20.3	11/15/19 0:45	(9.4)	15.9	0.0	7.0
11/14/19 12:00	12.2	(27.6)	0.1	(16.5)	11/15/19 1:00	(13.2)	14.9	(0.0)	2.5
11/14/19 12:15	20.7	(43.1)	(0.0)	(28.7)	11/15/19 1:15	(3.5)	10.0	0.0	6.5
11/14/19 12:30	(26.1)	26.1	(0.1)	(5.2)	11/15/19 1:30	(6.0)	15.9	(0.0)	9.9
11/14/19 12:45	(3.8)	27.4	(0.2)	24.4	11/15/19 1:45	(1.7)	9.7	(0.0)	9.5
11/14/19 13:00	(3.0)	33.8	(0.2)	30.9	11/15/19 2:00	(7.3)	20.3	0.0	13.5
11/14/19 13:15	1.7	23.7	0.2	24.1	11/15/19 2:15	4.7	(33.8)	(0.0)	(32.2)
11/14/19 13:30	6.6	22.3	(0.3)	28.2	11/15/19 2:30	(2.9)	41.6	0.0	39.4
11/14/19 13:45	2.1	6.8	0.2	8.0	11/15/19 2:45	3.6	32.3	(0.0)	35.4
11/14/19 14:00	20.8	2.0	(0.4)	22.0	11/15/19 3:00	2.7	32.3	0.0	32.5
11/14/19 14:15	23.5	1.5	(0.3)	24.9	11/15/19 3:15	3.4	38.5	0.0	40.3
11/14/19 14:30	16.2	(3.7)	1.4	13.9	11/15/19 3:30	3.1	44.1	(0.0)	47.2
11/14/19 14:45	4.8	(14.0)	1.2	(11.9)	11/15/19 3:45	13.7	55.6	0.0	69.3
11/14/19 15:00	1.8	(23.2)	1.6	(21.0)	11/15/19 4:00	10.2	40.3	(0.0)	50.5
11/14/19 15:15	(2.7)	(28.6)	6.0	(23.2)	11/15/19 4:15	6.3	44.9	(0.0)	51.1
11/14/19 15:30	6.1	(32.6)	10.0	(17.0)	11/15/19 4:30	23.8	46.2	0.0	70.1
11/14/19 15:45	18.9	(21.4)	11.4	12.0	11/15/19 4:45	35.4	27.3	(0.0)	62.0
11/14/19 16:00	21.3	(20.1)	9.5	13.0	11/15/19 5:00	17.7	19.5	0.0	36.6
11/14/19 16:15	15.5	(49.8)	7.1	(29.4)	11/15/19 5:15	21.7	(1.3)	(0.0)	20.6
11/14/19 16:30	38.0	(71.0)	4.1	(28.9)	11/15/19 5:30	19.8	(5.8)	0.0	14.0
11/14/19 16:45	55.6	(54.4)	1.9	8.7	11/15/19 5:45	37.5	(2.0)	0.0	35.6
11/14/19 17:00	57.1	(25.8)	0.1	53.9	11/15/19 6:00	62.0	11.1	0.0	73.1
11/14/19 17:15	16.6	45.8	(0.0)	57.0	11/15/19 6:15	44.5	22.7	(0.0)	67.2
11/14/19 17:30	26.8	(40.0)	(0.0)	(13.8)	11/15/19 6:30	21.6	23.8	(0.0)	45.3
11/14/19 17:45	9.6	(3.4)	(0.0)	9.6	11/15/19 6:45	27.8	1.8	(0.4)	29.2
11/14/19 18:00	(6.8)	(9.3)	0.0	(12.4)	11/15/19 7:00	11.6	6.0	(2.3)	15.3
11/14/19 18:15	(9.2)	3.1	(0.0)	(6.4)	11/15/19 7:15	3.3	13.1	(4.8)	11.3
11/14/19 18:30	1.8	3.1	0.0	2.9	11/15/19 7:30	10.4	7.7	(7.3)	10.3
11/14/19 18:45	(14.9)	(4.8)	(0.0)	(19.2)	11/15/19 7:45	30.8	(5.2)	(8.6)	18.6
11/14/19 19:00	(21.6)	(7.4)	0.0	(24.8)	11/15/19 8:00	17.8	(6.8)	(17.7)	(10.8)
11/14/19 19:15	(11.4)	57.6	(0.0)	46.2	11/15/19 8:15	10.8	13.2	(7.9)	18.0
11/14/19 19:30	(13.4)	(2.4)	0.0	(15.0)	11/15/19 8:30	(44.4)	20.4	12.6	(11.4)
11/14/19 19:45	(13.5)	(13.3)	(0.0)	(26.8)	11/15/19 8:45	(2.0)	6.2	6.7	10.9
11/14/19 20:00	(13.7)	(9.0)	0.0	(22.7)	11/15/19 9:00	24.5	2.4	2.0	28.3
11/14/19 20:15	(8.9)	(6.8)	(0.0)	(15.8)	11/15/19 9:15	(13.8)	(4.5)	(4.9)	(23.2)
11/14/19 20:30	(21.3)	(6.2)	0.0	(27.5)	11/15/19 9:30	(41.1)	(1.9)	(13.1)	(56.1)
11/14/19 20:45	(9.9)	(5.9)	(0.0)	(15.9)	11/15/19 9:45	(26.0)	(5.1)	(1.9)	(32.5)
11/14/19 21:00	(28.3)	(14.5)	0.0	(42.8)	11/15/19 10:00	(11.4)	8.1	8.5	5.4
11/14/19 21:15	(17.1)	(14.9)	(0.0)	(32.0)	11/15/19 10:15	(13.2)	9.7	1.5	(4.2)
11/14/19 21:30	(24.4)	(12.5)	0.0	(36.9)	11/15/19 10:30	17.1	4.4	(4.9)	16.5
11/14/19 21:45	(26.9)	(9.3)	0.0	(36.2)	11/15/19 10:45	17.4	(1.5)	(4.8)	15.2
11/14/19 22:00	(36.9)	(4.6)	(0.0)	(41.5)	11/15/19 11:00	(11.4)	(2.3)	(3.1)	(16.3)
11/14/19 22:15	(43.5)	1.8	(0.0)	(42.1)	11/15/19 11:15	(40.9)	1.7	2.2	(37.2)
11/14/19 22:30	(36.6)	(6.9)	(0.0)	(43.4)	11/15/19 11:30	(16.3)	(1.2)	(1.0)	(17.7)
11/14/19 22:45	(31.6)	(4.4)	0.0	(36.0)	11/15/19 11:45	13.7	(2.1)	(2.3)	12.7
11/14/19 23:00	(24.9)	(2.4)	(0.0)	(26.9)	11/15/19 12:00	7.7	(1.0)	1.2	8.9
11/14/19 23:15	(6.7)	19.3	0.0	14.2	11/15/19 12:15	(15.1)	(1.9)	1.6	(15.3)
11/14/19 23:30	(20.5)	38.0	(0.0)	17.5	11/15/19 12:30	(37.6)	1.9	(1.6)	(38.6)
11/14/19 23:45	(20.6)	19.2	0.0	(4.5)	11/15/19 12:45	24.6	3.5	2.2	29.8
11/15/19 0:00	(16.0)	(8.7)	(0.0)	(19.7)	11/15/19 13:00	(6.5)	0.6	3.3	8.0

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/15/19 13:15	(15.1)	(1.8)	5.2	(13.8)	11/16/19 2:15	(9.0)	(52.0)	(0.1)	(54.0)
11/15/19 13:30	(24.1)	0.7	1.9	(21.7)	11/16/19 2:30	(9.1)	(48.5)	0.4	(49.9)
11/15/19 13:45	27.9	(3.0)	(0.3)	25.1	11/16/19 2:45	(7.4)	(57.5)	(0.0)	(57.7)
11/15/19 14:00	10.9	(2.7)	3.2	11.4	11/16/19 3:00	(21.9)	(29.6)	0.0	(44.5)
11/15/19 14:15	(17.7)	(8.0)	5.2	(20.3)	11/16/19 3:15	20.8	(33.4)	(0.0)	(12.9)
11/15/19 14:30	37.8	(9.0)	0.7	30.2	11/16/19 3:30	5.7	(13.6)	0.0	(9.5)
11/15/19 14:45	8.4	(10.9)	(5.0)	(10.7)	11/16/19 3:45	(30.8)	6.1	(0.0)	(29.6)
11/15/19 15:00	(8.0)	(6.1)	(3.9)	(12.1)	11/16/19 4:00	40.2	(9.3)	(0.3)	34.4
11/15/19 15:15	(32.2)	(14.3)	1.5	(42.9)	11/16/19 4:15	21.4	(15.3)	(0.2)	11.4
11/15/19 15:30	5.7	(19.1)	10.9	(3.4)	11/16/19 4:30	(7.4)	6.7	0.0	5.4
11/15/19 15:45	4.3	(17.7)	3.8	(10.6)	11/16/19 4:45	(25.9)	(9.6)	0.0	(33.8)
11/15/19 16:00	24.2	(6.5)	6.9	24.6	11/16/19 5:00	33.3	11.3	(0.0)	39.5
11/15/19 16:15	40.1	(1.8)	2.7	42.5	11/16/19 5:15	34.3	(18.7)	0.0	30.0
11/15/19 16:30	30.4	9.1	6.6	46.2	11/16/19 5:30	25.0	(32.1)	0.0	(12.7)
11/15/19 16:45	23.1	(4.1)	1.6	21.0	11/16/19 5:45	(19.4)	(13.8)	0.4	(32.8)
11/15/19 17:00	37.0	(5.1)	0.3	33.0	11/16/19 6:00	46.9	10.4	(0.2)	50.9
11/15/19 17:15	26.8	15.6	(0.0)	38.5	11/16/19 6:15	27.9	(27.7)	0.3	9.2
11/15/19 17:30	18.1	(5.1)	(0.0)	14.9	11/16/19 6:30	18.8	(12.9)	(0.1)	20.3
11/15/19 17:45	(11.2)	(2.4)	0.0	(9.6)	11/16/19 6:45	(26.4)	(18.6)	0.0	(43.8)
11/15/19 18:00	(30.7)	(3.4)	0.0	(32.5)	11/16/19 7:00	32.9	(17.8)	(0.3)	15.9
11/15/19 18:15	7.1	(6.7)	(0.0)	(7.1)	11/16/19 7:15	29.7	(20.1)	(3.1)	15.6
11/15/19 18:30	(20.0)	(19.8)	0.0	(38.2)	11/16/19 7:30	24.1	(17.8)	(4.9)	7.5
11/15/19 18:45	(5.8)	(11.9)	(0.0)	(16.2)	11/16/19 7:45	8.9	12.5	(3.6)	9.4
11/15/19 19:00	(34.2)	4.6	(0.0)	(29.9)	11/16/19 8:00	32.1	24.1	(10.9)	45.4
11/15/19 19:15	11.1	3.2	0.0	14.2	11/16/19 8:15	11.3	54.5	(18.8)	47.0
11/15/19 19:30	(10.2)	(8.5)	(0.0)	(18.7)	11/16/19 8:30	(25.5)	19.3	(5.8)	(18.8)
11/15/19 19:45	(39.3)	(15.2)	0.0	(54.6)	11/16/19 8:45	23.2	(3.5)	(1.4)	18.9
11/15/19 20:00	(19.6)	(30.1)	0.0	(45.8)	11/16/19 9:00	3.7	29.7	2.6	34.3
11/15/19 20:15	9.4	(33.4)	(0.2)	(29.9)	11/16/19 9:15	13.4	17.7	(5.2)	24.7
11/15/19 20:30	(13.4)	(41.1)	0.2	(54.3)	11/16/19 9:30	10.8	41.6	(31.6)	17.1
11/15/19 20:45	(51.8)	6.5	(0.0)	(48.8)	11/16/19 9:45	8.8	32.3	(12.3)	25.4
11/15/19 21:00	(14.3)	4.9	0.0	(9.3)	11/16/19 10:00	(63.3)	(1.7)	20.0	(44.8)
11/15/19 21:15	(3.5)	(29.1)	2.2	(27.0)	11/16/19 10:15	(58.5)	(9.6)	9.8	(58.5)
11/15/19 21:30	8.7	(12.6)	1.7	5.6	11/16/19 10:30	11.2	(25.0)	(7.9)	(21.3)
11/15/19 21:45	(23.9)	14.7	(0.0)	(9.2)	11/16/19 10:45	(7.2)	(43.9)	(14.7)	(65.9)
11/15/19 22:00	(42.1)	11.8	(0.0)	(30.2)	11/16/19 11:00	(35.3)	40.7	(8.5)	(22.6)
11/15/19 22:15	(15.7)	18.5	(0.0)	18.6	11/16/19 11:15	(6.2)	60.4	8.5	67.0
11/15/19 22:30	(21.2)	29.2	0.0	9.3	11/16/19 11:30	13.2	(49.9)	(6.6)	(48.0)
11/15/19 22:45	(33.8)	12.7	(0.0)	(21.6)	11/16/19 11:45	4.4	(31.9)	4.0	(27.5)
11/15/19 23:00	(24.4)	17.7	0.0	(10.3)	11/16/19 12:00	(32.3)	18.3	1.7	(18.3)
11/15/19 23:15	(19.0)	(9.4)	0.0	(28.0)	11/16/19 12:15	25.8	20.8	(2.8)	40.4
11/15/19 23:30	(35.1)	(21.3)	(0.0)	(56.4)	11/16/19 12:30	(4.5)	30.1	(5.0)	26.2
11/15/19 23:45	(20.8)	(35.5)	(0.0)	(44.7)	11/16/19 12:45	(20.1)	6.8	(3.3)	(20.7)
11/16/19 0:00	41.1	7.3	0.0	41.2	11/16/19 13:00	15.1	10.7	3.1	22.0
11/16/19 0:15	(23.1)	15.7	(0.0)	(11.4)	11/16/19 13:15	(10.4)	4.5	4.9	(4.3)
11/16/19 0:30	(37.6)	9.2	0.0	(28.5)	11/16/19 13:30	(19.5)	(15.9)	5.1	(28.1)
11/16/19 0:45	22.9	(23.2)	0.0	(10.5)	11/16/19 13:45	33.7	(41.0)	2.9	(10.6)
11/16/19 1:00	(7.1)	(41.6)	(0.0)	(45.4)	11/16/19 14:00	11.4	(25.5)	7.6	(10.7)
11/16/19 1:15	(9.4)	(37.9)	0.0	(42.0)	11/16/19 14:15	(18.0)	8.0	1.9	(12.7)
11/16/19 1:30	(22.7)	9.5	(0.0)	(20.4)	11/16/19 14:30	48.2	18.6	(6.4)	63.7
11/16/19 1:45	7.8	7.1	(0.1)	12.6	11/16/19 14:45	16.0	(8.7)	6.1	13.3
11/16/19 2:00	(4.7)	(12.3)	(0.1)	(15.9)	11/16/19 15:00	(22.4)	(40.5)	17.1	(46.2)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/16/19 15:15	27.0	(61.9)	2.8	(39.0)	11/17/19 4:15	(14.3)	47.9	0.0	35.7
11/16/19 15:30	16.5	(64.7)	2.2	(47.7)	11/17/19 4:30	15.2	64.1	(0.0)	73.8
11/16/19 15:45	12.6	(50.3)	13.3	(32.0)	11/17/19 4:45	10.6	63.4	0.0	73.9
11/16/19 16:00	17.2	(23.8)	18.4	17.2	11/17/19 5:00	(16.0)	59.8	0.0	55.3
11/16/19 16:15	13.2	(41.1)	14.0	(26.2)	11/17/19 5:15	(26.1)	33.8	(0.0)	16.5
11/16/19 16:30	79.0	(42.3)	5.6	42.3	11/17/19 5:30	16.6	18.3	0.0	34.0
11/16/19 16:45	62.2	(41.0)	2.2	23.4	11/17/19 5:45	22.1	3.3	(0.0)	25.0
11/16/19 17:00	17.8	28.5	0.3	37.0	11/17/19 6:00	9.2	(1.3)	0.0	8.1
11/16/19 17:15	19.8	19.3	0.0	21.1	11/17/19 6:15	21.8	(14.4)	(0.1)	12.8
11/16/19 17:30	(27.8)	(16.5)	(0.0)	(37.4)	11/17/19 6:30	14.3	(8.1)	(0.1)	7.1
11/16/19 17:45	21.8	11.7	0.0	28.9	11/17/19 6:45	(26.8)	(21.9)	(0.5)	(48.5)
11/16/19 18:00	17.7	8.0	(0.0)	23.2	11/17/19 7:00	34.6	(11.3)	(2.1)	23.2
11/16/19 18:15	(55.4)	4.4	(0.0)	(54.8)	11/17/19 7:15	14.4	15.1	(5.5)	24.2
11/16/19 18:30	22.5	(5.5)	0.0	18.3	11/17/19 7:30	(19.9)	(11.7)	(7.7)	(38.9)
11/16/19 18:45	(8.8)	(20.4)	0.0	(27.5)	11/17/19 7:45	15.2	4.5	(13.5)	12.3
11/16/19 19:00	(17.4)	(9.5)	(0.0)	(23.8)	11/17/19 8:00	4.3	4.9	(36.9)	(30.8)
11/16/19 19:15	(12.5)	(40.5)	0.0	(52.0)	11/17/19 8:15	(21.6)	2.8	(23.9)	(41.0)
11/16/19 19:30	(5.9)	62.2	0.0	60.8	11/17/19 8:30	(15.4)	(21.6)	(11.8)	(48.9)
11/16/19 19:45	(21.5)	51.0	(0.0)	29.5	11/17/19 8:45	23.3	(9.3)	(3.1)	11.1
11/16/19 20:00	(25.9)	50.1	0.0	26.5	11/17/19 9:00	13.4	(7.4)	(0.3)	6.4
11/16/19 20:15	20.7	(10.7)	(0.0)	13.1	11/17/19 9:15	(33.7)	(17.4)	(0.2)	(50.2)
11/16/19 20:30	(6.3)	4.4	(0.0)	(4.9)	11/17/19 9:30	28.2	(9.6)	0.9	20.9
11/16/19 20:45	(37.3)	31.9	(0.0)	(9.5)	11/17/19 9:45	11.1	(23.9)	1.5	(11.7)
11/16/19 21:00	(11.6)	(38.5)	0.1	(44.9)	11/17/19 10:00	(22.4)	(25.8)	0.8	(46.9)
11/16/19 21:15	(21.0)	11.3	(0.1)	(9.7)	11/17/19 10:15	15.6	(23.8)	1.4	(23.7)
11/16/19 21:30	(46.9)	7.0	0.0	(40.4)	11/17/19 10:30	5.9	8.2	1.3	11.1
11/16/19 21:45	(9.3)	11.3	0.0	(5.8)	11/17/19 10:45	(10.2)	13.4	1.1	12.9
11/16/19 22:00	(15.7)	43.1	(0.2)	30.5	11/17/19 11:00	(24.0)	3.9	1.6	(19.0)
11/16/19 22:15	(13.9)	(4.3)	0.1	(17.2)	11/17/19 11:15	13.7	(17.8)	1.3	(11.8)
11/16/19 22:30	(13.9)	9.6	(0.1)	8.8	11/17/19 11:30	(11.1)	(38.4)	0.8	(43.0)
11/16/19 22:45	(17.5)	6.2	(0.1)	(11.4)	11/17/19 11:45	19.1	(31.7)	1.5	(25.1)
11/16/19 23:00	(41.5)	54.8	0.1	16.6	11/17/19 12:00	21.2	(14.1)	(1.4)	6.6
11/16/19 23:15	28.6	3.5	0.2	29.3	11/17/19 12:15	13.4	9.5	0.8	17.5
11/16/19 23:30	(14.0)	3.8	(0.0)	(11.6)	11/17/19 12:30	(21.2)	32.4	2.2	14.5
11/16/19 23:45	(46.0)	34.0	0.1	(13.3)	11/17/19 12:45	10.1	8.9	(2.4)	16.9
11/17/19 0:00	(28.8)	7.9	(0.1)	(20.9)	11/17/19 13:00	(24.7)	(16.8)	(1.4)	(41.8)
11/17/19 0:15	(6.5)	8.0	0.0	4.0	11/17/19 13:15	(31.2)	(54.6)	4.6	(83.0)
11/17/19 0:30	46.3	(14.3)	(0.0)	33.2	11/17/19 13:30	(12.2)	16.4	9.1	16.0
11/17/19 0:45	13.3	9.4	0.0	20.8	11/17/19 13:45	5.1	(11.1)	12.1	6.4
11/17/19 1:00	9.2	(43.1)	(0.0)	(36.4)	11/17/19 14:00	31.5	(11.4)	(17.1)	7.4
11/17/19 1:15	(25.5)	(17.3)	0.0	(30.7)	11/17/19 14:15	13.7	13.5	(12.1)	11.0
11/17/19 1:30	16.6	10.0	0.0	13.4	11/17/19 14:30	12.8	10.3	5.2	27.1
11/17/19 1:45	3.1	6.9	0.0	9.4	11/17/19 14:45	26.4	13.7	2.0	42.1
11/17/19 2:00	(28.5)	14.0	(0.0)	(15.9)	11/17/19 15:00	26.9	19.4	7.4	53.7
11/17/19 2:15	10.8	14.3	0.0	9.4	11/17/19 15:15	12.8	32.6	13.0	45.8
11/17/19 2:30	2.0	15.0	0.0	16.0	11/17/19 15:30	41.4	55.5	14.7	111.7
11/17/19 2:45	(21.8)	29.6	0.0	13.9	11/17/19 15:45	5.7	62.1	25.1	92.9
11/17/19 3:00	13.4	63.3	(0.0)	68.5	11/17/19 16:00	(6.3)	21.4	12.5	30.8
11/17/19 3:15	(53.4)	37.9	0.0	(20.5)	11/17/19 16:15	30.9	1.5	7.9	37.8
11/17/19 3:30	(12.9)	43.2	(0.0)	31.2	11/17/19 16:30	57.1	(2.1)	8.7	63.8
11/17/19 3:45	17.4	40.1	(0.0)	52.2	11/17/19 16:45	47.3	(3.5)	3.3	47.4
11/17/19 4:00	11.0	36.4	(0.0)	47.1	11/17/19 17:00	69.1	(17.4)	0.5	52.3

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/17/19 17:15	28.3	(14.8)	(0.0)	13.4	11/18/19 6:15	52.8	(13.5)	(0.0)	39.2
11/17/19 17:30	15.7	(9.3)	(0.0)	(11.8)	11/18/19 6:30	24.1	(8.5)	0.0	16.1
11/17/19 17:45	16.3	(25.1)	(0.0)	(26.7)	11/18/19 6:45	35.9	(1.3)	(0.2)	34.5
11/17/19 18:00	17.3	(48.7)	0.0	(35.2)	11/18/19 7:00	18.7	2.2	(2.6)	17.4
11/17/19 18:15	(8.9)	(41.2)	0.0	(50.1)	11/18/19 7:15	(15.8)	(4.2)	(10.6)	(27.6)
11/17/19 18:30	(33.7)	(19.3)	(0.0)	(51.5)	11/18/19 7:30	(16.7)	28.8	(16.9)	(16.4)
11/17/19 18:45	11.4	(16.7)	(0.0)	(12.2)	11/18/19 7:45	8.5	35.4	(20.9)	15.7
11/17/19 19:00	(21.7)	(32.4)	(0.0)	(54.1)	11/18/19 8:00	(9.7)	12.2	(20.0)	(29.7)
11/17/19 19:15	(55.9)	(26.3)	0.0	(82.2)	11/18/19 8:15	(9.0)	(16.0)	(17.2)	(32.8)
11/17/19 19:30	14.9	(25.9)	0.0	(18.2)	11/18/19 8:30	15.4	9.3	(12.2)	15.6
11/17/19 19:45	10.0	(13.0)	(0.0)	(18.4)	11/18/19 8:45	(9.8)	28.5	(3.1)	15.9
11/17/19 20:00	(22.6)	(21.0)	(0.0)	(43.6)	11/18/19 9:00	(17.5)	(32.1)	(0.2)	(48.9)
11/17/19 20:15	(28.9)	(23.4)	0.0	(52.3)	11/18/19 9:15	12.3	(51.8)	(0.2)	(44.2)
11/17/19 20:30	(9.1)	(16.8)	(0.0)	(20.1)	11/18/19 9:30	(19.4)	(7.5)	0.5	(21.7)
11/17/19 20:45	(16.9)	(34.0)	0.0	(50.9)	11/18/19 9:45	(12.7)	3.4	1.0	(13.5)
11/17/19 21:00	(68.9)	(34.4)	0.0	(103.4)	11/18/19 10:00	29.3	(12.9)	1.9	20.4
11/17/19 21:15	20.5	(26.8)	(0.0)	(9.5)	11/18/19 10:15	(6.7)	(24.4)	1.4	(29.7)
11/17/19 21:30	(29.3)	(60.5)	0.0	(89.9)	11/18/19 10:30	(19.4)	10.5	1.7	(12.7)
11/17/19 21:45	(51.0)	(43.1)	0.0	(94.1)	11/18/19 10:45	21.7	18.3	1.4	38.7
11/17/19 22:00	(16.9)	(34.9)	(0.0)	(48.7)	11/18/19 11:00	15.3	20.3	1.8	36.3
11/17/19 22:15	(27.8)	(14.9)	(0.0)	(42.0)	11/18/19 11:15	(9.3)	31.0	2.5	26.9
11/17/19 22:30	(22.9)	17.6	0.0	(8.6)	11/18/19 11:30	(17.9)	27.1	1.6	15.3
11/17/19 22:45	(48.8)	(13.7)	0.1	(61.7)	11/18/19 11:45	15.7	26.1	2.4	37.0
11/17/19 23:00	11.9	48.6	0.0	54.3	11/18/19 12:00	14.3	8.5	(1.0)	21.2
11/17/19 23:15	(12.6)	13.3	(0.0)	(7.7)	11/18/19 12:15	(20.2)	13.2	(1.0)	(13.7)
11/17/19 23:30	(35.9)	11.8	0.0	(24.3)	11/18/19 12:30	28.6	(3.8)	1.0	28.8
11/17/19 23:45	(10.7)	(33.1)	(0.0)	(38.5)	11/18/19 12:45	11.2	8.7	(2.3)	16.7
11/18/19 0:00	(13.5)	(11.2)	0.0	(23.6)	11/18/19 13:00	(13.6)	(2.7)	(1.2)	(14.0)
11/18/19 0:15	40.2	8.4	0.0	47.1	11/18/19 13:15	19.8	5.6	(1.4)	24.0
11/18/19 0:30	18.6	(24.3)	0.0	(10.3)	11/18/19 13:30	4.3	17.9	1.0	22.1
11/18/19 0:45	(11.0)	23.6	0.0	13.6	11/18/19 13:45	(22.0)	54.2	(3.1)	31.2
11/18/19 1:00	(26.1)	(4.8)	(0.0)	(28.5)	11/18/19 14:00	40.4	47.1	1.6	88.9
11/18/19 1:15	28.8	9.3	(0.0)	27.6	11/18/19 14:15	15.0	46.1	3.0	63.3
11/18/19 1:30	5.9	25.8	0.0	26.9	11/18/19 14:30	(29.3)	45.5	(1.4)	15.6
11/18/19 1:45	(15.4)	5.0	0.0	(11.4)	11/18/19 14:45	27.3	58.7	2.0	76.1
11/18/19 2:00	(27.4)	10.0	(0.0)	(18.0)	11/18/19 15:00	12.4	60.9	7.4	70.2
11/18/19 2:15	39.0	(10.7)	0.0	29.7	11/18/19 15:15	(18.4)	79.9	12.9	74.5
11/18/19 2:30	7.4	(12.3)	0.0	(5.3)	11/18/19 15:30	(18.7)	72.2	19.7	76.9
11/18/19 2:45	(24.2)	(11.0)	(0.0)	(35.2)	11/18/19 15:45	18.7	51.4	11.8	79.2
11/18/19 3:00	24.5	(20.8)	(0.0)	15.5	11/18/19 16:00	33.2	5.9	17.8	53.2
11/18/19 3:15	(1.6)	29.7	0.0	28.7	11/18/19 16:15	9.0	(32.1)	12.4	(11.6)
11/18/19 3:30	(42.0)	(8.8)	(0.0)	(47.8)	11/18/19 16:30	7.6	(32.3)	8.7	(19.2)
11/18/19 3:45	28.2	(24.8)	0.0	(7.1)	11/18/19 16:45	69.5	(29.3)	2.9	43.1
11/18/19 4:00	15.9	(31.4)	0.0	(15.4)	11/18/19 17:00	43.0	4.4	0.6	46.1
11/18/19 4:15	(15.7)	(36.9)	0.0	(43.7)	11/18/19 17:15	(13.4)	4.0	0.0	(11.9)
11/18/19 4:30	22.1	(9.0)	(0.0)	19.2	11/18/19 17:30	34.3	7.6	0.0	40.5
11/18/19 4:45	33.3	(18.9)	0.0	19.9	11/18/19 17:45	3.5	5.5	0.0	9.0
11/18/19 5:00	(20.4)	(24.9)	(0.0)	(34.0)	11/18/19 18:00	(29.2)	13.3	0.0	(18.5)
11/18/19 5:15	33.1	2.9	(0.0)	35.5	11/18/19 18:15	(8.5)	39.8	0.0	36.8
11/18/19 5:30	38.4	5.4	(0.0)	43.9	11/18/19 18:30	(12.9)	31.6	0.0	18.7
11/18/19 5:45	18.3	12.1	(0.0)	26.1	11/18/19 18:45	(42.0)	34.8	(0.0)	(12.9)
11/18/19 6:00	48.3	5.1	0.0	51.2	11/18/19 19:00	(13.2)	24.8	0.0	28.9

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/18/19 19:15	(11.8)	24.7	(0.0)	16.9	11/19/19 8:15	(13.7)	44.7	(7.3)	23.7
11/18/19 19:30	(5.8)	5.2	(0.0)	4.0	11/19/19 8:30	(22.3)	9.3	(5.3)	(25.4)
11/18/19 19:45	(42.5)	3.1	(0.0)	(39.4)	11/19/19 8:45	(14.8)	13.6	(7.3)	(19.3)
11/18/19 20:00	12.4	(1.3)	0.0	11.3	11/19/19 9:00	(4.5)	54.0	(9.3)	41.5
11/18/19 20:15	(15.5)	(5.4)	(0.0)	(20.9)	11/19/19 9:15	(3.4)	38.9	(8.8)	29.0
11/18/19 20:30	(32.9)	(15.3)	0.0	(48.2)	11/19/19 9:30	(3.0)	42.3	3.3	43.6
11/18/19 20:45	(17.1)	(19.8)	(0.0)	(33.9)	11/19/19 9:45	2.7	35.9	7.2	45.8
11/18/19 21:00	(23.2)	(30.5)	(0.0)	(53.6)	11/19/19 10:00	9.3	12.6	7.1	26.8
11/18/19 21:15	(44.0)	(34.9)	0.0	(78.9)	11/19/19 10:15	5.5	6.7	(4.5)	8.3
11/18/19 21:30	(20.1)	(14.6)	(0.0)	(31.8)	11/19/19 10:30	(2.2)	0.7	(1.6)	1.8
11/18/19 21:45	(27.4)	(13.9)	0.0	(41.3)	11/19/19 10:45	(4.5)	8.2	(5.5)	(1.7)
11/18/19 22:00	(66.8)	(33.4)	(0.0)	(100.2)	11/19/19 11:00	(1.9)	9.4	9.0	17.6
11/18/19 22:15	(12.3)	(59.7)	0.0	(65.2)	11/19/19 11:15	(10.6)	12.8	13.6	15.7
11/18/19 22:30	(31.9)	(55.7)	0.0	(87.6)	11/19/19 11:30	(15.8)	2.0	4.7	(13.2)
11/18/19 22:45	(38.0)	(57.0)	0.0	(95.0)	11/19/19 11:45	(12.2)	8.8	6.5	2.1
11/18/19 23:00	(51.3)	(67.0)	(0.0)	(118.0)	11/19/19 12:00	11.7	5.9	3.6	20.3
11/18/19 23:15	56.3	(84.2)	(0.0)	(28.0)	11/19/19 12:15	11.2	1.6	2.1	13.4
11/18/19 23:30	(16.3)	(76.9)	0.0	(93.2)	11/19/19 12:30	2.8	(7.0)	4.9	(2.3)
11/18/19 23:45	16.6	27.1	0.0	37.3	11/19/19 12:45	(5.6)	(9.3)	(5.6)	(16.5)
11/19/19 0:00	(18.1)	23.6	(0.0)	(28.7)	11/19/19 13:00	(4.6)	21.0	8.0	29.0
11/19/19 0:15	(28.4)	(27.1)	0.0	(45.2)	11/19/19 13:15	(6.3)	18.8	(5.9)	14.4
11/19/19 0:30	(12.4)	72.8	(0.0)	69.1	11/19/19 13:30	7.3	14.7	(9.2)	12.3
11/19/19 0:45	4.5	(4.1)	(0.0)	(4.2)	11/19/19 13:45	3.3	8.4	(7.1)	10.5
11/19/19 1:00	(8.3)	5.6	0.0	(2.9)	11/19/19 14:00	8.0	7.0	13.7	26.4
11/19/19 1:15	13.5	(13.8)	0.0	(2.8)	11/19/19 14:15	3.6	(5.8)	(10.6)	(13.7)
11/19/19 1:30	(5.3)	4.7	0.0	(3.8)	11/19/19 14:30	6.7	(0.9)	6.4	11.9
11/19/19 1:45	(9.8)	8.1	0.0	(2.2)	11/19/19 14:45	18.4	(8.1)	(6.7)	4.8
11/19/19 2:00	(12.2)	15.0	(0.0)	6.5	11/19/19 15:00	3.9	(1.9)	13.6	14.4
11/19/19 2:15	14.6	(20.5)	(0.0)	(7.2)	11/19/19 15:15	(6.3)	(18.7)	4.4	(20.7)
11/19/19 2:30	(14.5)	10.9	0.0	(5.4)	11/19/19 15:30	1.7	(60.0)	9.5	(48.9)
11/19/19 2:45	12.4	12.7	0.1	20.5	11/19/19 15:45	8.5	(94.6)	2.8	(84.9)
11/19/19 3:00	8.5	(5.5)	(0.0)	6.2	11/19/19 16:00	5.9	(81.0)	21.9	(53.2)
11/19/19 3:15	(15.5)	10.0	(0.0)	(5.9)	11/19/19 16:15	33.4	(65.3)	11.5	(20.5)
11/19/19 3:30	19.6	(8.2)	(0.0)	12.1	11/19/19 16:30	28.8	(95.6)	3.8	(63.0)
11/19/19 3:45	13.4	11.3	(0.0)	20.3	11/19/19 16:45	53.3	(116.1)	1.4	(61.4)
11/19/19 4:00	9.7	(43.7)	0.0	(38.2)	11/19/19 17:00	63.2	(90.4)	0.1	(27.1)
11/19/19 4:15	(13.2)	19.4	(0.0)	10.1	11/19/19 17:15	16.9	(39.0)	(0.0)	(24.7)
11/19/19 4:30	13.7	(23.1)	0.0	(12.6)	11/19/19 17:30	28.2	(67.6)	(0.0)	(39.4)
11/19/19 4:45	19.7	(29.5)	(0.0)	(14.2)	11/19/19 17:45	(8.8)	(23.8)	0.0	(23.3)
11/19/19 5:00	(18.4)	36.7	0.0	27.2	11/19/19 18:00	(21.7)	(21.7)	0.0	(37.4)
11/19/19 5:15	30.9	(24.7)	(0.0)	6.3	11/19/19 18:15	(6.8)	(15.2)	(0.0)	(15.0)
11/19/19 5:30	41.8	10.1	(0.0)	48.8	11/19/19 18:30	(13.5)	3.8	0.1	(14.9)
11/19/19 5:45	39.2	(48.0)	(0.0)	(15.2)	11/19/19 18:45	(29.6)	10.3	(0.0)	(26.7)
11/19/19 6:00	35.0	67.0	(0.0)	102.0	11/19/19 19:00	17.2	5.3	0.0	22.3
11/19/19 6:15	52.9	113.9	(0.0)	166.8	11/19/19 19:15	(13.2)	(4.2)	(0.0)	(17.3)
11/19/19 6:30	34.3	94.2	0.0	128.5	11/19/19 19:30	(28.6)	3.1	0.0	(25.8)
11/19/19 6:45	21.7	70.8	(0.3)	92.3	11/19/19 19:45	(17.4)	(2.9)	(0.0)	(19.9)
11/19/19 7:00	18.4	44.6	(2.6)	60.4	11/19/19 20:00	(15.0)	(2.7)	0.0	(15.4)
11/19/19 7:15	(3.0)	(13.7)	(7.4)	(21.3)	11/19/19 20:15	(14.6)	10.9	0.0	(3.7)
11/19/19 7:30	(3.3)	(61.1)	(19.1)	(83.2)	11/19/19 20:30	(8.4)	(1.5)	0.0	(9.3)
11/19/19 7:45	(15.0)	(34.1)	(18.1)	(67.1)	11/19/19 20:45	(10.1)	30.1	0.0	28.1
11/19/19 8:00	(14.7)	(17.0)	(13.2)	(41.4)	11/19/19 21:00	(15.6)	10.2	(0.0)	(20.8)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/19/19 21:15	(10.6)	(28.4)	(0.0)	(39.0)	11/20/19 10:15	29.3	(24.1)	(13.1)	(11.0)
11/19/19 21:30	(24.6)	8.7	0.0	(17.4)	11/20/19 10:30	(29.5)	83.4	4.5	62.1
11/19/19 21:45	(5.8)	7.9	(0.0)	4.4	11/20/19 10:45	11.6	32.9	2.0	43.7
11/19/19 22:00	(31.0)	13.5	(0.0)	(17.7)	11/20/19 11:00	22.8	(50.4)	(1.0)	(29.3)
11/19/19 22:15	(45.2)	(5.3)	(0.0)	(46.1)	11/20/19 11:15	(14.6)	11.0	(4.0)	(14.4)
11/19/19 22:30	(15.1)	26.2	0.0	16.1	11/20/19 11:30	23.4	(23.9)	2.4	(3.4)
11/19/19 22:45	(31.1)	11.2	(0.0)	(19.9)	11/20/19 11:45	10.4	(2.4)	(1.0)	7.7
11/19/19 23:00	(54.0)	3.4	(0.0)	(50.7)	11/20/19 12:00	(23.6)	28.8	(1.6)	10.2
11/19/19 23:15	(44.7)	14.4	(0.0)	(30.8)	11/20/19 12:15	31.8	9.3	(3.4)	37.6
11/19/19 23:30	(15.3)	70.6	0.0	59.5	11/20/19 12:30	7.3	3.8	(19.5)	(9.0)
11/19/19 23:45	9.2	45.2	(0.0)	48.4	11/20/19 12:45	(28.8)	20.7	(6.6)	(15.1)
11/20/19 0:00	(10.5)	69.3	(0.0)	58.8	11/20/19 13:00	9.4	6.7	1.4	16.2
11/20/19 0:15	(43.1)	59.6	0.0	16.5	11/20/19 13:15	13.9	(17.4)	10.5	8.4
11/20/19 0:30	14.3	78.5	(0.0)	86.5	11/20/19 13:30	16.2	(17.6)	(4.9)	(10.9)
11/20/19 0:45	(15.3)	40.6	0.0	25.3	11/20/19 13:45	30.8	(42.2)	11.2	6.7
11/20/19 1:00	(45.6)	80.4	(0.0)	34.9	11/20/19 14:00	10.4	11.2	5.7	25.9
11/20/19 1:15	22.4	54.8	(0.0)	73.3	11/20/19 14:15	(13.0)	(39.2)	(1.5)	(52.3)
11/20/19 1:30	(6.7)	41.6	0.0	35.0	11/20/19 14:30	27.6	17.4	12.4	41.0
11/20/19 1:45	(27.1)	29.8	0.0	13.0	11/20/19 14:45	15.2	(29.2)	8.1	(10.9)
11/20/19 2:00	17.3	8.8	0.0	24.9	11/20/19 15:00	(9.6)	(21.1)	(17.9)	(35.6)
11/20/19 2:15	6.0	10.8	(0.0)	15.6	11/20/19 15:15	17.2	26.8	3.4	31.9
11/20/19 2:30	(23.2)	4.4	0.0	(20.4)	11/20/19 15:30	9.7	(9.8)	7.4	11.0
11/20/19 2:45	(8.2)	33.1	(0.0)	32.7	11/20/19 15:45	35.5	(43.7)	10.2	8.3
11/20/19 3:00	20.2	21.3	0.0	40.8	11/20/19 16:00	7.8	(51.6)	12.1	(38.5)
11/20/19 3:15	(23.8)	(3.9)	(0.0)	(27.0)	11/20/19 16:15	49.7	(1.4)	2.3	51.7
11/20/19 3:30	(40.0)	(12.8)	0.0	(51.4)	11/20/19 16:30	43.0	(15.3)	1.6	29.2
11/20/19 3:45	17.2	6.9	(0.0)	24.1	11/20/19 16:45	17.7	5.1	0.7	19.1
11/20/19 4:00	10.0	3.4	0.0	12.4	11/20/19 17:00	48.4	26.2	0.1	74.6
11/20/19 4:15	20.6	(22.9)	0.0	(10.8)	11/20/19 17:15	10.8	27.3	(0.1)	38.1
11/20/19 4:30	22.6	(39.5)	0.0	(18.4)	11/20/19 17:30	(12.8)	10.6	(0.0)	18.7
11/20/19 4:45	16.0	(31.4)	(0.0)	(20.8)	11/20/19 17:45	19.2	(15.3)	0.0	(9.8)
11/20/19 5:00	35.1	(9.1)	(0.0)	29.9	11/20/19 18:00	(5.9)	(29.6)	(0.0)	(32.4)
11/20/19 5:15	52.7	(31.4)	(0.0)	21.7	11/20/19 18:15	(18.7)	16.8	0.0	(14.1)
11/20/19 5:30	32.8	(24.2)	0.0	10.9	11/20/19 18:30	(32.9)	87.6	0.0	56.3
11/20/19 5:45	27.0	(30.6)	(0.0)	(11.5)	11/20/19 18:45	13.0	17.7	(0.0)	28.6
11/20/19 6:00	57.3	(40.7)	0.0	16.6	11/20/19 19:00	(12.7)	12.3	0.0	4.7
11/20/19 6:15	53.6	(18.3)	(0.0)	35.3	11/20/19 19:15	(34.3)	9.6	(0.0)	(26.5)
11/20/19 6:30	22.1	(29.2)	(0.0)	(8.8)	11/20/19 19:30	(32.0)	19.7	0.0	(14.7)
11/20/19 6:45	33.3	(50.9)	(0.0)	(17.7)	11/20/19 19:45	(11.8)	19.7	0.0	10.6
11/20/19 7:00	31.8	(70.1)	(0.4)	(39.0)	11/20/19 20:00	12.4	(6.3)	(0.0)	7.8
11/20/19 7:15	(38.7)	(111.9)	(2.7)	(153.0)	11/20/19 20:15	(13.2)	5.4	(0.0)	(11.8)
11/20/19 7:30	40.8	(107.0)	(1.3)	(67.4)	11/20/19 20:30	(12.2)	(14.4)	0.0	(26.4)
11/20/19 7:45	12.9	(22.5)	(0.6)	(14.7)	11/20/19 20:45	(39.0)	3.5	(0.0)	(36.2)
11/20/19 8:00	(12.4)	(1.0)	(1.0)	(13.9)	11/20/19 21:00	(13.4)	(5.2)	(0.0)	(13.2)
11/20/19 8:15	6.5	(10.1)	(0.6)	(9.5)	11/20/19 21:15	(18.2)	10.8	0.0	(9.5)
11/20/19 8:30	(19.1)	(23.8)	(0.6)	(41.2)	11/20/19 21:30	(64.4)	35.0	0.0	(29.6)
11/20/19 8:45	11.3	(44.9)	(2.5)	(38.8)	11/20/19 21:45	(10.3)	30.6	(0.0)	22.5
11/20/19 9:00	(39.3)	(60.7)	(2.5)	(102.0)	11/20/19 22:00	(28.8)	18.0	0.0	(16.1)
11/20/19 9:15	23.6	(69.0)	(0.4)	(46.9)	11/20/19 22:15	(36.6)	(12.6)	0.0	(47.6)
11/20/19 9:30	5.3	(64.5)	(0.5)	(61.1)	11/20/19 22:30	(14.5)	(10.1)	(0.0)	(23.7)
11/20/19 9:45	(35.6)	(60.5)	(3.4)	(99.5)	11/20/19 22:45	(29.7)	(5.0)	(0.0)	(33.8)
11/20/19 10:00	37.2	(33.6)	(1.1)	6.5	11/20/19 23:00	(59.2)	15.3	(0.0)	(44.1)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/20/19 23:15	(48.6)	33.8	(0.0)	(23.8)	11/21/19 12:15	(22.1)	3.2	(5.2)	(25.2)
11/20/19 23:30	(12.2)	35.4	(0.0)	24.7	11/21/19 12:30	(20.1)	(3.7)	4.6	(21.1)
11/20/19 23:45	(30.7)	27.7	0.0	(6.9)	11/21/19 12:45	19.5	11.5	(0.8)	30.3
11/21/19 0:00	(83.0)	15.9	0.0	(70.2)	11/21/19 13:00	9.8	5.7	7.7	23.2
11/21/19 0:15	18.5	(34.8)	(0.1)	(26.3)	11/21/19 13:15	(21.3)	6.1	2.0	(15.7)
11/21/19 0:30	(15.4)	(21.1)	0.1	(36.4)	11/21/19 13:30	18.1	3.7	1.5	21.3
11/21/19 0:45	(9.9)	31.2	0.0	27.4	11/21/19 13:45	9.0	(2.4)	0.8	7.5
11/21/19 1:00	(17.1)	37.5	(0.0)	22.3	11/21/19 14:00	(25.4)	(0.8)	(2.3)	(28.1)
11/21/19 1:15	(13.6)	12.0	0.0	7.6	11/21/19 14:15	13.1	2.0	(8.1)	10.0
11/21/19 1:30	(14.6)	9.7	0.0	(9.1)	11/21/19 14:30	5.4	4.0	4.2	12.3
11/21/19 1:45	(14.9)	42.6	0.0	39.1	11/21/19 14:45	(6.3)	(5.1)	1.8	(10.8)
11/21/19 2:00	8.5	18.6	0.0	23.2	11/21/19 15:00	(24.5)	(1.6)	5.9	(20.9)
11/21/19 2:15	(11.1)	27.1	0.0	17.8	11/21/19 15:15	24.7	7.4	4.1	36.3
11/21/19 2:30	(15.7)	28.2	(0.0)	25.4	11/21/19 15:30	15.0	1.3	(0.5)	16.1
11/21/19 2:45	14.9	56.9	0.0	70.0	11/21/19 15:45	(24.9)	(2.5)	4.2	(23.2)
11/21/19 3:00	11.5	41.7	0.0	53.2	11/21/19 16:00	33.2	(5.2)	2.2	30.2
11/21/19 3:15	(16.6)	18.5	(0.1)	13.3	11/21/19 16:15	42.3	(2.9)	1.5	40.8
11/21/19 3:30	25.4	72.6	0.1	98.1	11/21/19 16:30	20.3	(3.9)	0.5	18.0
11/21/19 3:45	13.9	59.8	0.0	73.8	11/21/19 16:45	36.0	(4.2)	0.9	33.5
11/21/19 4:00	(15.0)	27.4	(0.0)	15.6	11/21/19 17:00	38.0	3.0	0.1	39.9
11/21/19 4:15	31.2	31.6	0.0	62.8	11/21/19 17:15	(4.2)	1.7	(0.1)	(2.8)
11/21/19 4:30	16.2	(20.1)	0.0	(9.1)	11/21/19 17:30	(18.6)	(3.2)	(0.0)	(21.8)
11/21/19 4:45	9.2	(15.8)	(0.2)	(21.5)	11/21/19 17:45	15.3	2.3	(0.1)	17.1
11/21/19 5:00	50.8	16.2	(0.5)	66.5	11/21/19 18:00	17.2	7.4	(0.2)	24.5
11/21/19 5:15	35.6	39.3	0.6	75.5	11/21/19 18:15	(24.0)	4.9	(0.4)	(21.0)
11/21/19 5:30	23.2	48.4	0.1	70.8	11/21/19 18:30	8.0	1.4	0.4	8.8
11/21/19 5:45	29.1	13.3	(0.0)	41.2	11/21/19 18:45	(7.8)	(5.3)	0.2	(13.1)
11/21/19 6:00	59.5	9.2	(0.0)	68.7	11/21/19 19:00	(50.2)	(7.6)	(0.3)	(58.1)
11/21/19 6:15	49.9	37.9	0.0	87.8	11/21/19 19:15	11.0	6.8	(0.3)	16.5
11/21/19 6:30	26.7	25.5	0.0	52.0	11/21/19 19:30	(13.5)	6.3	0.4	(8.4)
11/21/19 6:45	56.7	16.5	0.0	73.2	11/21/19 19:45	(37.7)	(4.6)	0.3	(41.1)
11/21/19 7:00	32.3	2.8	(0.4)	31.9	11/21/19 20:00	10.9	(4.9)	0.2	7.1
11/21/19 7:15	(23.1)	28.8	(0.7)	5.0	11/21/19 20:15	7.2	(16.9)	(0.0)	(15.6)
11/21/19 7:30	23.4	23.7	(2.4)	44.8	11/21/19 20:30	(23.7)	(5.1)	0.0	(24.3)
11/21/19 7:45	(6.7)	(1.8)	(1.1)	(8.5)	11/21/19 20:45	(28.8)	15.2	(0.0)	(14.7)
11/21/19 8:00	(9.0)	21.7	(3.2)	11.9	11/21/19 21:00	(23.3)	12.8	(0.0)	(15.2)
11/21/19 8:15	15.9	2.8	(13.4)	4.1	11/21/19 21:15	(26.4)	(3.6)	(0.0)	(29.9)
11/21/19 8:30	17.2	49.1	12.8	79.1	11/21/19 21:30	(40.8)	(4.6)	0.0	(45.4)
11/21/19 8:45	12.7	36.7	0.7	49.8	11/21/19 21:45	(14.4)	(3.0)	0.0	(16.6)
11/21/19 9:00	(2.5)	(6.2)	3.3	7.9	11/21/19 22:00	(32.8)	3.0	0.0	(30.4)
11/21/19 9:15	(8.7)	(10.7)	(2.2)	(20.7)	11/21/19 22:15	(82.4)	8.2	(0.0)	(74.2)
11/21/19 9:30	19.4	49.2	(0.4)	68.5	11/21/19 22:30	(21.9)	3.9	(0.4)	(18.6)
11/21/19 9:45	28.2	16.3	(2.9)	41.6	11/21/19 22:45	(39.5)	(2.1)	(0.3)	(41.6)
11/21/19 10:00	13.6	(7.1)	(2.1)	5.9	11/21/19 23:00	(24.3)	(0.6)	0.5	(24.4)
11/21/19 10:15	(15.0)	(13.7)	(2.5)	(25.6)	11/21/19 23:15	(33.9)	1.8	0.0	(32.7)
11/21/19 10:30	(14.8)	(10.2)	(13.6)	(37.0)	11/21/19 23:30	(16.6)	(12.2)	(0.0)	(24.6)
11/21/19 10:45	31.5	(13.2)	5.4	25.0	11/21/19 23:45	(19.4)	(5.5)	(0.0)	(24.9)
11/21/19 11:00	(15.4)	2.1	2.5	(14.2)	11/22/19 0:00	(31.5)	(2.6)	(0.0)	(34.1)
11/21/19 11:15	17.8	(6.7)	(6.1)	7.2	11/22/19 0:15	11.1	7.5	0.0	15.9
11/21/19 11:30	(26.0)	27.3	6.3	7.5	11/22/19 0:30	(15.4)	2.5	0.0	(14.9)
11/21/19 11:45	26.3	37.1	(4.1)	58.8	11/22/19 0:45	(23.0)	(3.1)	(0.0)	(26.1)
11/21/19 12:00	(3.0)	21.8	3.4	25.1	11/22/19 1:00	(9.4)	1.2	(0.0)	(8.3)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/22/19 1:15	(16.7)	(6.1)	0.0	(22.5)	11/22/19 14:15	(6.1)	8.2	1.0	3.5
11/22/19 1:30	(14.3)	6.6	0.0	(8.0)	11/22/19 14:30	(35.2)	6.0	1.6	(27.7)
11/22/19 1:45	(18.0)	1.5	(0.2)	(16.7)	11/22/19 14:45	24.5	3.1	0.5	26.1
11/22/19 2:00	12.3	(6.0)	(0.4)	10.6	11/22/19 15:00	(18.4)	2.2	1.8	(16.4)
11/22/19 2:15	3.2	(2.8)	0.4	(2.4)	11/22/19 15:15	(14.8)	(1.5)	2.9	(13.9)
11/22/19 2:30	(30.1)	(9.8)	0.3	(39.5)	11/22/19 15:30	6.1	1.0	1.5	8.3
11/22/19 2:45	29.9	(8.0)	(0.0)	21.9	11/22/19 15:45	51.0	1.1	1.3	53.3
11/22/19 3:00	10.5	(6.4)	(0.0)	5.6	11/22/19 16:00	(16.1)	(0.6)	0.1	(16.4)
11/22/19 3:15	(17.4)	(10.0)	0.0	(26.1)	11/22/19 16:15	64.2	(6.2)	2.0	60.0
11/22/19 3:30	18.1	11.7	0.0	28.5	11/22/19 16:30	40.5	(13.6)	1.7	28.6
11/22/19 3:45	18.6	6.5	(0.0)	25.1	11/22/19 16:45	27.4	(16.4)	1.0	16.9
11/22/19 4:00	(11.6)	3.3	0.0	(10.1)	11/22/19 17:00	46.1	(18.7)	(0.1)	29.6
11/22/19 4:15	28.5	1.4	0.0	29.8	11/22/19 17:15	18.2	(26.2)	(0.1)	(13.3)
11/22/19 4:30	8.6	(0.6)	(0.0)	8.2	11/22/19 17:30	(25.4)	(34.6)	0.3	(59.7)
11/22/19 4:45	11.7	9.4	0.0	16.6	11/22/19 17:45	22.7	(54.3)	(0.0)	(54.1)
11/22/19 5:00	38.9	9.2	(0.0)	46.5	11/22/19 18:00	23.9	(30.2)	(0.0)	(21.9)
11/22/19 5:15	26.4	5.1	(0.0)	31.5	11/22/19 18:15	(11.5)	(50.7)	0.0	(62.2)
11/22/19 5:30	24.2	(3.7)	0.0	21.5	11/22/19 18:30	(31.8)	(43.4)	0.0	(75.2)
11/22/19 5:45	37.5	(6.0)	(0.0)	32.2	11/22/19 18:45	7.6	(16.3)	0.0	(13.9)
11/22/19 6:00	48.3	(4.8)	(0.0)	43.5	11/22/19 19:00	(51.0)	(13.6)	(0.1)	(64.7)
11/22/19 6:15	47.7	(7.0)	0.0	41.1	11/22/19 19:15	10.4	(44.6)	(0.3)	(34.4)
11/22/19 6:30	34.9	(1.3)	(0.0)	34.6	11/22/19 19:30	(35.0)	(59.6)	0.3	(94.3)
11/22/19 6:45	51.2	3.7	0.0	54.9	11/22/19 19:45	9.8	(65.7)	0.0	(64.2)
11/22/19 7:00	15.7	2.3	0.0	17.5	11/22/19 20:00	(19.2)	(66.9)	0.0	(86.1)
11/22/19 7:15	(56.4)	(2.0)	(0.1)	(57.6)	11/22/19 20:15	(22.2)	(70.1)	(0.0)	(92.3)
11/22/19 7:30	55.8	(4.0)	(0.5)	51.3	11/22/19 20:30	(17.6)	(75.5)	0.0	(86.9)
11/22/19 7:45	21.9	1.3	(1.4)	21.5	11/22/19 20:45	(15.3)	(104.7)	(0.0)	(119.3)
11/22/19 8:00	6.5	4.0	(1.6)	7.1	11/22/19 21:00	(11.9)	(118.8)	(0.2)	(130.9)
11/22/19 8:15	35.6	2.2	(0.9)	36.3	11/22/19 21:15	(15.6)	(96.3)	(0.1)	(107.1)
11/22/19 8:30	16.8	(4.0)	(2.1)	10.6	11/22/19 21:30	(17.5)	(70.8)	0.2	(85.6)
11/22/19 8:45	(20.5)	(1.0)	0.4	(20.1)	11/22/19 21:45	(34.5)	(39.0)	0.2	(73.2)
11/22/19 9:00	(11.9)	2.0	(0.8)	(11.4)	11/22/19 22:00	(27.4)	(21.8)	(0.0)	(47.1)
11/22/19 9:15	8.1	(3.6)	(1.3)	6.1	11/22/19 22:15	8.1	(16.7)	0.0	(16.4)
11/22/19 9:30	2.3	(10.6)	1.3	(8.2)	11/22/19 22:30	(34.2)	41.7	0.0	10.9
11/22/19 9:45	(2.9)	(6.8)	(1.9)	(11.2)	11/22/19 22:45	(51.2)	107.5	(0.0)	57.5
11/22/19 10:00	25.8	(4.1)	(5.7)	18.7	11/22/19 23:00	(7.1)	(59.1)	(0.0)	(63.5)
11/22/19 10:15	14.3	(3.7)	(4.6)	10.9	11/22/19 23:15	22.1	(79.1)	(0.0)	(57.6)
11/22/19 10:30	(2.4)	(9.2)	4.1	(7.5)	11/22/19 23:30	(12.9)	(4.6)	0.0	(16.8)
11/22/19 10:45	(28.0)	(8.9)	(1.2)	(38.1)	11/22/19 23:45	(4.0)	(11.9)	(0.0)	(12.9)
11/22/19 11:00	16.0	3.8	(1.8)	17.2	11/23/19 0:00	(6.3)	(16.9)	0.0	(22.4)
11/22/19 11:15	(2.9)	7.5	(7.6)	(3.2)	11/23/19 0:15	(40.3)	22.1	0.0	(26.0)
11/22/19 11:30	(29.3)	7.4	(2.1)	(24.3)	11/23/19 0:30	11.6	14.1	0.0	22.3
11/22/19 11:45	17.7	3.6	(3.7)	18.1	11/23/19 0:45	4.6	(6.7)	(0.0)	(4.2)
11/22/19 12:00	(5.6)	(0.5)	4.7	(2.8)	11/23/19 1:00	(29.6)	12.3	(0.0)	(19.1)
11/22/19 12:15	(31.5)	(1.6)	1.7	(32.2)	11/23/19 1:15	15.8	(7.7)	0.0	8.5
11/22/19 12:30	14.0	2.3	(2.7)	13.4	11/23/19 1:30	(5.0)	17.1	0.0	15.9
11/22/19 12:45	(7.2)	6.4	7.0	6.2	11/23/19 1:45	(25.6)	28.6	0.0	5.4
11/22/19 13:00	(25.5)	8.1	2.2	(17.4)	11/23/19 2:00	16.8	9.2	0.0	14.6
11/22/19 13:15	11.8	5.1	1.6	15.8	11/23/19 2:15	13.0	(6.4)	(0.0)	6.7
11/22/19 13:30	(7.4)	1.0	0.5	(7.1)	11/23/19 2:30	(22.4)	15.4	0.0	(9.1)
11/22/19 13:45	(30.8)	(6.7)	2.3	(35.2)	11/23/19 2:45	17.7	(8.3)	0.0	14.5
11/22/19 14:00	14.2	5.0	0.4	17.6	11/23/19 3:00	4.2	(3.0)	0.0	3.6

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/23/19 3:15	(30.0)	12.0	0.0	(21.7)	11/23/19 16:15	24.5	31.8	15.4	71.8
11/23/19 3:30	24.4	(14.8)	(0.0)	13.6	11/23/19 16:30	32.5	(16.6)	6.8	26.5
11/23/19 3:45	7.6	(9.2)	(0.0)	(2.0)	11/23/19 16:45	45.1	(51.9)	1.8	(7.0)
11/23/19 4:00	(23.5)	14.9	(0.1)	(9.5)	11/23/19 17:00	56.5	(32.6)	0.1	24.2
11/23/19 4:15	29.5	(15.8)	0.1	17.2	11/23/19 17:15	20.0	(8.6)	(0.0)	13.3
11/23/19 4:30	13.5	(25.1)	0.0	(11.6)	11/23/19 17:30	11.4	2.4	(0.0)	12.6
11/23/19 4:45	(7.9)	(26.3)	(0.0)	(26.3)	11/23/19 17:45	7.1	(12.4)	0.0	(5.8)
11/23/19 5:00	(17.6)	30.7	0.0	21.9	11/23/19 18:00	1.4	(3.8)	(0.0)	(3.7)
11/23/19 5:15	21.8	(35.6)	0.0	(16.1)	11/23/19 18:15	(4.9)	9.4	0.0	5.5
11/23/19 5:30	28.5	(15.7)	(0.0)	16.9	11/23/19 18:30	26.7	3.7	0.0	29.8
11/23/19 5:45	36.6	(24.2)	0.0	15.8	11/23/19 18:45	(5.8)	1.5	(0.0)	(4.5)
11/23/19 6:00	23.2	(12.1)	0.0	12.1	11/23/19 19:00	(27.5)	4.8	(0.0)	(22.8)
11/23/19 6:15	9.9	(16.3)	(0.0)	(13.4)	11/23/19 19:15	10.9	7.8	(0.0)	13.5
11/23/19 6:30	36.6	(27.8)	(0.0)	10.8	11/23/19 19:30	(2.8)	2.6	(0.0)	(4.4)
11/23/19 6:45	12.2	(7.5)	(0.1)	7.1	11/23/19 19:45	(23.3)	9.6	(0.0)	(17.5)
11/23/19 7:00	(31.0)	57.9	(1.3)	26.5	11/23/19 20:00	(12.1)	9.0	(0.0)	15.4
11/23/19 7:15	(23.7)	51.9	(5.8)	28.7	11/23/19 20:15	(39.0)	17.0	0.0	(22.0)
11/23/19 7:30	16.2	48.5	(12.6)	52.1	11/23/19 20:30	(31.6)	2.3	(0.0)	(29.8)
11/23/19 7:45	7.7	40.6	(17.5)	30.8	11/23/19 20:45	(10.2)	2.9	(0.0)	(9.6)
11/23/19 8:00	(19.8)	85.7	(20.7)	47.6	11/23/19 21:00	34.7	(1.9)	(0.0)	33.3
11/23/19 8:15	14.3	107.5	(20.3)	93.5	11/23/19 21:15	(19.5)	5.8	0.0	(14.0)
11/23/19 8:30	(11.6)	110.6	(18.2)	80.9	11/23/19 21:30	(28.3)	10.0	0.0	(18.3)
11/23/19 8:45	(62.7)	123.2	(9.5)	51.0	11/23/19 21:45	(16.4)	(8.1)	(0.0)	(23.4)
11/23/19 9:00	(33.7)	79.9	(2.2)	46.6	11/23/19 22:00	(26.4)	12.2	(0.0)	(14.2)
11/23/19 9:15	8.4	44.3	(0.4)	46.4	11/23/19 22:15	(21.4)	2.1	(0.0)	(19.4)
11/23/19 9:30	(19.3)	9.0	0.7	(13.1)	11/23/19 22:30	(11.8)	(4.8)	0.0	(16.2)
11/23/19 9:45	11.5	19.9	0.4	27.0	11/23/19 22:45	11.7	(13.9)	0.0	(8.4)
11/23/19 10:00	6.7	1.7	1.5	9.4	11/23/19 23:00	(46.4)	(19.2)	(0.0)	(61.7)
11/23/19 10:15	(8.2)	(3.3)	1.5	(7.8)	11/23/19 23:15	27.1	(15.6)	(0.0)	14.8
11/23/19 10:30	6.7	(26.9)	1.7	(27.6)	11/23/19 23:30	(12.8)	(10.6)	0.0	(23.4)
11/23/19 10:45	(13.6)	(17.4)	1.7	(28.7)	11/23/19 23:45	(65.1)	(4.1)	(0.0)	(69.2)
11/23/19 11:00	(28.1)	(8.7)	1.6	(34.4)	11/24/19 0:00	(14.0)	2.1	0.0	(12.2)
11/23/19 11:15	7.7	(7.6)	1.7	(6.7)	11/24/19 0:15	(12.6)	(1.7)	(0.0)	(13.8)
11/23/19 11:30	(11.0)	12.1	1.1	6.2	11/24/19 0:30	(29.2)	(2.3)	0.0	(30.6)
11/23/19 11:45	(20.4)	28.3	0.7	19.3	11/24/19 0:45	8.9	(4.4)	0.0	(8.4)
11/23/19 12:00	(16.6)	35.7	0.2	22.7	11/24/19 1:00	(12.6)	(4.4)	0.0	(15.7)
11/23/19 12:15	(21.7)	42.9	(0.1)	21.1	11/24/19 1:15	(16.6)	4.3	(0.0)	(12.6)
11/23/19 12:30	(14.7)	37.3	(0.6)	28.5	11/24/19 1:30	14.7	(7.2)	0.0	9.3
11/23/19 12:45	(9.2)	(24.3)	(0.5)	(31.9)	11/24/19 1:45	(4.0)	(6.1)	(0.0)	(10.1)
11/23/19 13:00	(28.4)	(38.2)	(0.3)	(66.9)	11/24/19 2:00	(7.7)	(1.0)	0.0	(8.0)
11/23/19 13:15	12.4	(12.8)	(1.0)	(21.4)	11/24/19 2:15	57.7	3.4	0.0	59.4
11/23/19 13:30	(5.4)	(15.5)	(0.9)	(20.7)	11/24/19 2:30	(7.9)	23.0	0.0	15.8
11/23/19 13:45	15.6	(10.9)	(1.3)	5.4	11/24/19 2:45	(18.9)	31.9	(0.0)	13.0
11/23/19 14:00	(29.8)	(3.0)	(0.8)	(33.5)	11/24/19 3:00	(8.7)	17.5	(0.0)	17.9
11/23/19 14:15	19.0	(3.6)	(0.4)	16.7	11/24/19 3:15	(0.9)	9.1	0.0	9.2
11/23/19 14:30	11.4	1.2	(0.3)	11.4	11/24/19 3:30	(22.8)	(7.5)	(0.0)	(28.6)
11/23/19 14:45	(20.9)	4.2	1.4	(16.3)	11/24/19 3:45	16.6	(5.1)	0.0	14.9
11/23/19 15:00	28.6	8.8	5.7	42.4	11/24/19 4:00	11.2	10.4	0.0	19.2
11/23/19 15:15	(17.0)	22.9	14.9	23.3	11/24/19 4:15	(17.6)	19.2	(0.0)	8.9
11/23/19 15:30	24.2	3.3	19.0	45.4	11/24/19 4:30	19.1	17.0	(0.0)	36.1
11/23/19 15:45	21.4	13.7	18.6	53.5	11/24/19 4:45	14.9	15.7	0.0	30.5
11/23/19 16:00	9.4	24.4	18.2	52.0	11/24/19 5:00	(18.0)	(18.5)	0.0	(34.2)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/24/19 5:15	30.5	(6.0)	(0.0)	25.2	11/24/19 18:15	(12.6)	(21.2)	0.0	(33.7)
11/24/19 5:30	(16.7)	28.6	(0.0)	20.2	11/24/19 18:30	(10.0)	(10.9)	0.0	(20.9)
11/24/19 5:45	27.0	6.8	(0.0)	33.0	11/24/19 18:45	(10.1)	(18.7)	(0.0)	(28.8)
11/24/19 6:00	28.3	8.3	0.0	36.5	11/24/19 19:00	(12.1)	5.0	0.0	(12.3)
11/24/19 6:15	28.3	(37.2)	(0.1)	(21.9)	11/24/19 19:15	(8.2)	38.0	(0.0)	29.8
11/24/19 6:30	13.7	(42.8)	(0.1)	(31.6)	11/24/19 19:30	(12.5)	28.8	0.0	16.4
11/24/19 6:45	(11.7)	(28.9)	0.1	(37.9)	11/24/19 19:45	(15.2)	6.4	(0.0)	(16.5)
11/24/19 7:00	15.5	(56.6)	(1.4)	(42.5)	11/24/19 20:00	(11.4)	(23.1)	(0.0)	(33.5)
11/24/19 7:15	(7.9)	(49.2)	(6.6)	(60.1)	11/24/19 20:15	10.2	(11.5)	(0.0)	9.3
11/24/19 7:30	(15.3)	(32.7)	(14.8)	(54.8)	11/24/19 20:30	(20.1)	19.2	(0.0)	(5.7)
11/24/19 7:45	24.1	(21.3)	(19.2)	(16.4)	11/24/19 20:45	12.3	(12.7)	0.0	(4.6)
11/24/19 8:00	24.3	(20.3)	(19.1)	(15.1)	11/24/19 21:00	(21.8)	(36.4)	(0.0)	(58.1)
11/24/19 8:15	(12.6)	(20.7)	(21.8)	(47.5)	11/24/19 21:15	(33.0)	(16.2)	0.0	(48.9)
11/24/19 8:30	37.2	(20.7)	(11.6)	7.9	11/24/19 21:30	10.1	(20.3)	0.0	(17.2)
11/24/19 8:45	4.0	41.9	(3.2)	40.4	11/24/19 21:45	(41.8)	(30.3)	(0.0)	(72.1)
11/24/19 9:00	(84.0)	59.4	(1.6)	(25.7)	11/24/19 22:00	(46.6)	(60.3)	(0.0)	(105.5)
11/24/19 9:15	(13.5)	41.7	1.2	32.0	11/24/19 22:15	(15.0)	(50.8)	0.0	(62.5)
11/24/19 9:30	(18.4)	2.4	1.1	(16.9)	11/24/19 22:30	(31.4)	(66.9)	0.0	(98.3)
11/24/19 9:45	(16.0)	(22.9)	(4.2)	(41.6)	11/24/19 22:45	(15.3)	33.6	0.1	36.9
11/24/19 10:00	9.6	6.1	(3.5)	10.5	11/24/19 23:00	20.0	(28.4)	(0.1)	(15.5)
11/24/19 10:15	4.8	(7.7)	6.9	5.7	11/24/19 23:15	(10.6)	22.7	(0.0)	19.7
11/24/19 10:30	(36.1)	(38.0)	(2.5)	(75.6)	11/24/19 23:30	15.7	(24.3)	0.0	(14.3)
11/24/19 10:45	23.1	(20.3)	4.0	15.9	11/24/19 23:45	(12.6)	(16.2)	0.0	(28.3)
11/24/19 11:00	11.4	(9.5)	2.5	7.4	11/25/19 0:00	(25.0)	13.3	(0.0)	(14.4)
11/24/19 11:15	(10.7)	(65.9)	(6.1)	(71.7)	11/25/19 0:15	11.1	12.2	(0.0)	16.1
11/24/19 11:30	17.7	20.5	7.6	44.7	11/25/19 0:30	(8.9)	2.0	0.0	(7.4)
11/24/19 11:45	7.1	(9.3)	(0.2)	10.2	11/25/19 0:45	(27.8)	17.0	0.0	(12.4)
11/24/19 12:00	(17.7)	(17.5)	(2.5)	(29.1)	11/25/19 1:00	25.6	(18.2)	0.1	9.5
11/24/19 12:15	20.5	47.3	3.8	69.9	11/25/19 1:15	(3.6)	9.5	0.1	6.6
11/24/19 12:30	3.7	(27.1)	(1.3)	(25.7)	11/25/19 1:30	(18.1)	13.1	(0.1)	(6.3)
11/24/19 12:45	(39.5)	(15.3)	1.3	(45.0)	11/25/19 1:45	12.6	(8.8)	0.0	7.9
11/24/19 13:00	23.6	13.1	0.5	28.3	11/25/19 2:00	8.1	9.7	0.0	10.0
11/24/19 13:15	14.3	(7.4)	(1.0)	14.1	11/25/19 2:15	10.4	29.0	(0.0)	39.3
11/24/19 13:30	(15.6)	5.2	(0.2)	(11.3)	11/25/19 2:30	(9.3)	7.2	0.0	6.4
11/24/19 13:45	10.4	36.1	(1.4)	40.2	11/25/19 2:45	(36.6)	53.3	(0.0)	16.7
11/24/19 14:00	(4.2)	36.7	(2.2)	31.1	11/25/19 3:00	(25.3)	28.6	0.0	9.6
11/24/19 14:15	(18.0)	47.4	(3.6)	28.0	11/25/19 3:15	20.2	26.7	(0.0)	45.4
11/24/19 14:30	20.7	44.4	(11.3)	53.8	11/25/19 3:30	15.3	55.4	0.0	70.7
11/24/19 14:45	18.3	38.1	1.1	56.7	11/25/19 3:45	(34.1)	111.8	0.0	78.8
11/24/19 15:00	(17.6)	16.7	14.1	14.4	11/25/19 4:00	33.8	46.3	(0.0)	78.8
11/24/19 15:15	22.9	22.3	22.3	67.5	11/25/19 4:15	(54.0)	(18.0)	0.0	(71.2)
11/24/19 15:30	15.0	23.9	15.1	54.0	11/25/19 4:30	10.6	8.9	0.0	17.8
11/24/19 15:45	(25.4)	37.6	11.6	24.6	11/25/19 4:45	30.7	18.2	(0.0)	48.7
11/24/19 16:00	36.5	39.2	19.0	94.8	11/25/19 5:00	(23.1)	(67.8)	0.0	(90.7)
11/24/19 16:15	35.1	29.8	15.4	80.2	11/25/19 5:15	33.9	(102.8)	0.0	(68.9)
11/24/19 16:30	42.6	(10.6)	7.6	41.7	11/25/19 5:30	74.6	(21.3)	(0.0)	53.3
11/24/19 16:45	31.9	3.9	1.8	34.0	11/25/19 5:45	10.9	(29.9)	0.0	(26.1)
11/24/19 17:00	93.2	(52.4)	0.3	41.1	11/25/19 6:00	67.4	(13.5)	(0.0)	56.0
11/24/19 17:15	6.9	(56.7)	(0.0)	(52.9)	11/25/19 6:15	44.9	(14.3)	0.0	30.9
11/24/19 17:30	17.0	(12.8)	0.0	5.3	11/25/19 6:30	38.7	(12.9)	(0.0)	29.8
11/24/19 17:45	5.2	2.1	(0.0)	7.1	11/25/19 6:45	(12.3)	(21.9)	(0.0)	(33.2)
11/24/19 18:00	(6.9)	(3.5)	(0.0)	(10.0)	11/25/19 7:00	18.3	58.2	(1.0)	75.6

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/25/19 7:15	4.7	16.0	(5.7)	18.2	11/25/19 20:15	(12.9)	4.5	0.1	(10.4)
11/25/19 7:30	7.6	(2.1)	(16.0)	(8.5)	11/25/19 20:30	(57.5)	(16.5)	0.0	(73.7)
11/25/19 7:45	(2.1)	(20.2)	(4.0)	(24.5)	11/25/19 20:45	(15.7)	18.1	(0.0)	3.7
11/25/19 8:00	(5.4)	(16.3)	(19.5)	(40.1)	11/25/19 21:00	(7.7)	(5.1)	(0.0)	(10.5)
11/25/19 8:15	28.0	16.2	(3.0)	44.6	11/25/19 21:15	11.2	6.7	(0.0)	9.8
11/25/19 8:30	(15.9)	102.6	(4.6)	94.4	11/25/19 21:30	(15.9)	7.1	0.0	16.5
11/25/19 8:45	(33.8)	30.3	7.1	(15.7)	11/25/19 21:45	(44.3)	8.2	(0.0)	(46.6)
11/25/19 9:00	(3.6)	10.1	(31.1)	(32.0)	11/25/19 22:00	19.2	36.5	(0.0)	55.5
11/25/19 9:15	42.0	55.3	(8.2)	89.1	11/25/19 22:15	40.7	6.1	(0.0)	44.7
11/25/19 9:30	(13.9)	70.1	(4.5)	58.3	11/25/19 22:30	(21.9)	13.9	0.0	(15.5)
11/25/19 9:45	13.1	14.9	(2.4)	25.0	11/25/19 22:45	(32.6)	57.3	(0.0)	24.7
11/25/19 10:00	(3.9)	(15.8)	20.3	10.5	11/25/19 23:00	(52.3)	15.7	0.0	(39.2)
11/25/19 10:15	(11.1)	18.5	(17.7)	(9.0)	11/25/19 23:15	35.5	(29.3)	(0.0)	10.5
11/25/19 10:30	(8.3)	4.8	(6.6)	(7.5)	11/25/19 23:30	(16.8)	9.4	(0.0)	(7.4)
11/25/19 10:45	8.9	(7.4)	6.2	7.1	11/25/19 23:45	(30.2)	11.2	(0.0)	(18.9)
11/25/19 11:00	(15.3)	9.7	11.1	20.3	11/26/19 0:00	(10.9)	4.2	0.0	(11.0)
11/25/19 11:15	(16.9)	(13.3)	2.9	(24.8)	11/26/19 0:15	(18.4)	35.4	(0.0)	22.2
11/25/19 11:30	21.5	(12.7)	(7.3)	7.5	11/26/19 0:30	(28.3)	48.7	0.0	20.4
11/25/19 11:45	11.3	(23.1)	(12.9)	(30.5)	11/26/19 0:45	11.3	9.6	0.0	15.5
11/25/19 12:00	(15.8)	(5.1)	7.5	(15.1)	11/26/19 1:00	(9.6)	13.6	(0.0)	6.4
11/25/19 12:15	15.4	34.4	20.2	70.0	11/26/19 1:15	(31.0)	(3.9)	0.0	(34.6)
11/25/19 12:30	45.0	30.2	(3.5)	71.7	11/26/19 1:30	15.1	(9.7)	(0.0)	8.8
11/25/19 12:45	10.8	14.6	(11.8)	15.7	11/26/19 1:45	(1.5)	(9.4)	(0.0)	(10.5)
11/25/19 13:00	(12.0)	(25.0)	14.6	(28.7)	11/26/19 2:00	(22.9)	3.4	(0.0)	(19.7)
11/25/19 13:15	(13.7)	(56.7)	2.3	(61.8)	11/26/19 2:15	18.8	9.5	0.0	27.4
11/25/19 13:30	39.6	(82.6)	(5.2)	(45.6)	11/26/19 2:30	4.0	18.3	(0.0)	20.1
11/25/19 13:45	12.9	(91.3)	9.9	(70.2)	11/26/19 2:45	(21.6)	23.8	(0.0)	7.6
11/25/19 14:00	(13.7)	(76.8)	(13.3)	(96.4)	11/26/19 3:00	22.9	19.7	0.0	13.2
11/25/19 14:15	27.8	(42.1)	(14.0)	(30.9)	11/26/19 3:15	18.0	(19.0)	0.0	9.7
11/25/19 14:30	9.8	(50.4)	21.8	(23.5)	11/26/19 3:30	(11.9)	(34.1)	(0.0)	(38.4)
11/25/19 14:45	9.4	(19.8)	9.2	(17.9)	11/26/19 3:45	(24.9)	(9.5)	0.0	(33.9)
11/25/19 15:00	15.5	19.6	12.1	44.2	11/26/19 4:00	8.1	8.9	(0.0)	17.0
11/25/19 15:15	7.7	(17.9)	(8.7)	(21.9)	11/26/19 4:15	7.2	(11.0)	0.0	(7.9)
11/25/19 15:30	12.2	(5.3)	13.9	21.0	11/26/19 4:30	11.7	(24.2)	0.0	(14.7)
11/25/19 15:45	14.0	13.6	10.7	32.5	11/26/19 4:45	19.1	(12.0)	(0.0)	13.8
11/25/19 16:00	22.3	(9.6)	22.0	35.9	11/26/19 5:00	25.3	(43.1)	0.0	(17.8)
11/25/19 16:15	28.2	(21.9)	10.4	16.7	11/26/19 5:15	25.2	(19.6)	0.0	5.6
11/25/19 16:30	14.9	(13.9)	6.3	14.2	11/26/19 5:30	26.6	21.2	(0.0)	43.4
11/25/19 16:45	53.8	7.2	1.0	55.5	11/26/19 5:45	24.1	25.9	(0.0)	50.0
11/25/19 17:00	24.3	(15.4)	0.1	11.8	11/26/19 6:00	27.5	(7.0)	(0.0)	29.3
11/25/19 17:15	(15.1)	(61.1)	(0.0)	(72.0)	11/26/19 6:15	11.9	(14.3)	0.0	(6.5)
11/25/19 17:30	24.2	(84.5)	0.0	(60.2)	11/26/19 6:30	28.1	(11.6)	(0.1)	22.3
11/25/19 17:45	14.0	(93.9)	0.1	(79.8)	11/26/19 6:45	(12.2)	(72.5)	(0.0)	(81.8)
11/25/19 18:00	(26.6)	(15.9)	0.0	(31.6)	11/26/19 7:00	(17.1)	(27.4)	0.0	(44.5)
11/25/19 18:15	10.3	(7.6)	0.0	(5.9)	11/26/19 7:15	(9.9)	47.1	(0.4)	41.9
11/25/19 18:30	(10.9)	14.6	(0.0)	6.5	11/26/19 7:30	18.0	10.6	(1.5)	19.4
11/25/19 18:45	(29.5)	(10.8)	(0.0)	(40.4)	11/26/19 7:45	16.1	(7.8)	(2.5)	5.8
11/25/19 19:00	(9.5)	(12.4)	0.0	(15.8)	11/26/19 8:00	17.2	(3.4)	(2.6)	11.6
11/25/19 19:15	(15.1)	(2.1)	0.0	(15.3)	11/26/19 8:15	15.6	6.2	(2.3)	19.5
11/25/19 19:30	(15.8)	(14.9)	(0.0)	(30.4)	11/26/19 8:30	17.9	8.4	(4.1)	22.2
11/25/19 19:45	(18.1)	(32.8)	(0.0)	(45.8)	11/26/19 8:45	(20.1)	11.9	(6.9)	(13.3)
11/25/19 20:00	(11.8)	(30.0)	(0.0)	(35.9)	11/26/19 9:00	(14.1)	17.2	(6.4)	(9.5)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/26/19 9:15	23.2	(57.0)	(0.6)	(34.1)	11/26/19 22:15	(41.8)	43.6	(0.0)	8.5
11/26/19 9:30	12.7	(5.5)	(1.9)	6.7	11/26/19 22:30	(17.0)	46.9	0.0	33.7
11/26/19 9:45	7.8	(9.0)	(5.5)	(6.7)	11/26/19 22:45	(28.2)	83.1	(0.0)	54.9
11/26/19 10:00	8.5	5.8	(1.6)	12.8	11/26/19 23:00	(48.7)	79.6	0.0	31.0
11/26/19 10:15	2.8	(5.0)	(3.0)	(6.2)	11/26/19 23:15	9.9	15.1	(0.0)	10.5
11/26/19 10:30	4.7	(38.2)	(4.4)	(37.9)	11/26/19 23:30	(11.9)	(22.1)	(0.0)	(32.5)
11/26/19 10:45	14.5	45.1	(5.5)	54.0	11/26/19 23:45	(28.4)	7.0	0.0	(22.7)
11/26/19 11:00	11.5	3.2	(1.9)	12.5	11/27/19 0:00	(14.0)	3.9	0.0	(15.9)
11/26/19 11:15	3.4	(13.1)	(4.9)	(14.1)	11/27/19 0:15	(3.9)	37.4	0.0	36.3
11/26/19 11:30	5.3	25.9	2.6	33.5	11/27/19 0:30	(23.2)	95.7	0.0	72.5
11/26/19 11:45	(3.3)	34.1	(0.7)	31.4	11/27/19 0:45	(8.2)	81.3	0.0	79.1
11/26/19 12:00	26.4	7.7	(2.1)	23.9	11/27/19 1:00	(20.4)	77.9	(0.0)	57.4
11/26/19 12:15	7.9	(12.9)	(1.0)	(10.9)	11/27/19 1:15	(38.9)	51.6	0.0	17.7
11/26/19 12:30	(16.9)	9.7	(1.7)	(11.7)	11/27/19 1:30	16.5	19.0	(0.0)	31.5
11/26/19 12:45	10.9	(11.3)	4.1	(8.4)	11/27/19 1:45	6.0	7.5	0.0	12.9
11/26/19 13:00	6.7	16.6	(6.9)	10.1	11/27/19 2:00	(21.1)	(1.7)	0.0	(22.9)
11/26/19 13:15	6.9	(5.7)	4.2	5.0	11/27/19 2:15	11.8	(4.3)	(0.0)	(9.2)
11/26/19 13:30	3.3	(2.6)	4.3	8.0	11/27/19 2:30	3.0	(7.8)	0.0	(5.6)
11/26/19 13:45	(19.1)	20.6	9.9	12.0	11/27/19 2:45	(14.2)	(2.8)	0.0	(15.7)
11/26/19 14:00	14.1	(7.2)	(2.8)	9.7	11/27/19 3:00	20.0	9.5	(0.0)	29.3
11/26/19 14:15	(11.5)	12.0	(10.9)	(12.1)	11/27/19 3:15	8.0	17.3	0.0	24.9
11/26/19 14:30	(20.4)	9.6	3.4	(11.7)	11/27/19 3:30	(25.3)	3.7	0.0	(25.7)
11/26/19 14:45	10.0	16.7	(6.3)	20.5	11/27/19 3:45	22.6	(5.1)	(0.1)	21.3
11/26/19 15:00	14.5	(9.3)	7.7	21.8	11/27/19 4:00	28.6	7.5	(0.0)	36.1
11/26/19 15:15	(19.7)	30.4	2.3	15.0	11/27/19 4:15	10.1	5.2	0.0	15.2
11/26/19 15:30	(24.2)	49.6	6.2	33.1	11/27/19 4:30	23.4	(17.6)	0.0	11.4
11/26/19 15:45	27.7	(14.5)	10.3	23.5	11/27/19 4:45	25.0	(15.6)	(0.0)	9.9
11/26/19 16:00	15.4	(27.2)	16.9	7.9	11/27/19 5:00	31.0	(29.5)	(0.0)	3.4
11/26/19 16:15	25.2	(74.6)	10.7	(38.7)	11/27/19 5:15	8.4	(29.6)	0.0	(22.9)
11/26/19 16:30	65.9	(121.9)	5.8	(50.1)	11/27/19 5:30	41.1	(12.6)	(0.0)	28.5
11/26/19 16:45	57.4	(82.7)	1.4	(36.6)	11/27/19 5:45	34.1	(30.1)	0.0	4.0
11/26/19 17:00	51.0	17.3	0.0	68.3	11/27/19 6:00	(5.3)	(9.1)	0.0	(13.3)
11/26/19 17:15	(30.8)	4.8	0.1	(27.2)	11/27/19 6:15	46.8	21.0	(0.0)	67.7
11/26/19 17:30	13.7	21.0	(0.1)	34.0	11/27/19 6:30	51.0	10.6	(0.0)	61.5
11/26/19 17:45	17.6	11.5	(0.0)	27.8	11/27/19 6:45	26.7	12.1	0.0	38.9
11/26/19 18:00	(14.0)	9.6	0.1	17.2	11/27/19 7:00	(16.3)	6.6	(0.3)	(10.1)
11/26/19 18:15	(30.9)	12.7	(0.1)	(18.2)	11/27/19 7:15	16.2	(2.7)	(3.1)	13.0
11/26/19 18:30	(44.1)	(2.3)	0.0	(45.1)	11/27/19 7:30	19.6	26.5	(6.6)	39.5
11/26/19 18:45	9.9	22.5	(0.0)	26.4	11/27/19 7:45	(19.3)	(26.9)	(18.4)	(61.7)
11/26/19 19:00	(25.2)	18.4	0.0	(8.6)	11/27/19 8:00	32.8	(86.0)	(12.8)	(65.9)
11/26/19 19:15	(44.7)	0.8	(0.0)	(44.1)	11/27/19 8:15	17.2	(57.3)	(12.0)	(52.1)
11/26/19 19:30	13.0	13.3	0.0	21.0	11/27/19 8:30	(25.9)	(24.2)	(16.4)	(66.5)
11/26/19 19:45	(20.7)	34.1	(0.1)	13.4	11/27/19 8:45	22.9	(44.0)	(5.1)	(28.2)
11/26/19 20:00	(34.9)	40.6	(0.0)	8.1	11/27/19 9:00	7.7	(70.9)	(13.0)	(76.2)
11/26/19 20:15	11.5	15.9	(0.0)	20.5	11/27/19 9:15	(19.9)	(41.3)	(4.1)	(60.7)
11/26/19 20:30	(18.8)	25.8	0.0	7.7	11/27/19 9:30	(11.5)	(30.5)	11.6	(28.9)
11/26/19 20:45	(44.3)	43.4	0.0	(9.5)	11/27/19 9:45	8.4	(8.7)	9.4	9.6
11/26/19 21:00	(7.2)	9.2	(0.0)	11.3	11/27/19 10:00	(2.9)	(23.0)	(1.3)	(24.0)
11/26/19 21:15	(5.0)	14.1	0.0	10.8	11/27/19 10:15	(17.3)	(43.6)	(22.0)	(77.9)
11/26/19 21:30	(55.7)	38.4	(0.0)	(17.5)	11/27/19 10:30	12.0	(20.1)	2.5	(12.2)
11/26/19 21:45	(5.7)	72.9	0.0	71.0	11/27/19 10:45	10.0	(63.8)	10.8	(46.7)
11/26/19 22:00	(35.6)	53.6	(0.0)	18.0	11/27/19 11:00	(27.9)	(93.0)	9.5	(117.1)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/27/19 11:15	29.8	(40.9)	(12.0)	(23.9)	11/28/19 0:15	18.5	(39.4)	0.3	(32.6)
11/27/19 11:30	16.1	(56.6)	1.7	(40.5)	11/28/19 0:30	(22.6)	17.9	0.0	(5.1)
11/27/19 11:45	(28.7)	(75.4)	11.4	(92.7)	11/28/19 0:45	(12.9)	(6.3)	0.0	(12.7)
11/27/19 12:00	13.0	(50.0)	(9.5)	(48.5)	11/28/19 1:00	(21.1)	14.0	0.0	(7.1)
11/27/19 12:15	8.2	(31.7)	13.1	(12.7)	11/28/19 1:15	(16.4)	18.5	(0.1)	8.5
11/27/19 12:30	(38.3)	(21.0)	(10.2)	(63.9)	11/28/19 1:30	(6.1)	5.9	(0.3)	1.1
11/27/19 12:45	21.0	15.7	2.2	35.0	11/28/19 1:45	(27.2)	7.4	0.1	(21.1)
11/27/19 13:00	5.0	(11.9)	6.3	(3.2)	11/28/19 2:00	(12.4)	(6.5)	0.1	(18.7)
11/27/19 13:15	(15.6)	5.6	3.3	(11.9)	11/28/19 2:15	(17.6)	10.1	0.1	(18.8)
11/27/19 13:30	31.2	(25.1)	6.1	12.2	11/28/19 2:30	7.4	19.4	(0.1)	24.9
11/27/19 13:45	22.7	(37.2)	11.0	(5.2)	11/28/19 2:45	(17.6)	(5.1)	(0.1)	(22.1)
11/27/19 14:00	(31.3)	11.5	4.4	(18.9)	11/28/19 3:00	16.1	12.8	(0.1)	27.7
11/27/19 14:15	7.4	(23.1)	6.4	(14.9)	11/28/19 3:15	22.3	4.4	0.3	26.8
11/27/19 14:30	7.2	(9.4)	8.5	9.1	11/28/19 3:30	(19.6)	13.1	(0.1)	(8.3)
11/27/19 14:45	(15.4)	(3.3)	10.2	(7.1)	11/28/19 3:45	14.8	(7.2)	(0.1)	8.5
11/27/19 15:00	19.4	(26.4)	4.8	(5.4)	11/28/19 4:00	14.6	(10.1)	0.1	5.1
11/27/19 15:15	26.1	(10.1)	5.1	21.0	11/28/19 4:15	(16.3)	5.5	0.1	(14.9)
11/27/19 15:30	(23.1)	16.3	5.3	(2.8)	11/28/19 4:30	20.4	(36.6)	(0.2)	(17.7)
11/27/19 15:45	42.1	(42.4)	4.7	9.1	11/28/19 4:45	20.0	(14.4)	0.1	6.9
11/27/19 16:00	4.6	(20.6)	3.2	(17.1)	11/28/19 5:00	(27.6)	22.6	0.2	(6.7)
11/27/19 16:15	43.4	(37.4)	3.2	12.7	11/28/19 5:15	9.1	(8.6)	(0.1)	2.4
11/27/19 16:30	26.1	(44.3)	1.9	(19.6)	11/28/19 5:30	17.3	(14.9)	(0.1)	5.0
11/27/19 16:45	79.1	(43.8)	0.4	35.7	11/28/19 5:45	40.6	(4.2)	0.2	36.6
11/27/19 17:00	49.9	(10.9)	(0.0)	39.0	11/28/19 6:00	23.3	4.5	0.2	25.7
11/27/19 17:15	(18.3)	(4.1)	(0.0)	(20.9)	11/28/19 6:15	17.4	(10.1)	(0.2)	19.0
11/27/19 17:30	32.8	0.9	0.0	33.4	11/28/19 6:30	(10.3)	(52.9)	0.2	(59.6)
11/27/19 17:45	(5.8)	1.9	(0.0)	(4.3)	11/28/19 6:45	36.7	(49.8)	0.2	(12.8)
11/27/19 18:00	(29.9)	1.4	0.0	(28.6)	11/28/19 7:00	(9.5)	(4.9)	(0.9)	(12.3)
11/27/19 18:15	(26.6)	2.1	(0.0)	(26.0)	11/28/19 7:15	(47.1)	(8.4)	(3.2)	(57.5)
11/27/19 18:30	(10.9)	14.7	0.0	5.5	11/28/19 7:30	28.4	(33.1)	(7.1)	(11.8)
11/27/19 18:45	(25.9)	10.3	(0.0)	(15.8)	11/28/19 7:45	23.3	(7.7)	(9.1)	13.5
11/27/19 19:00	(11.7)	1.7	0.0	(10.6)	11/28/19 8:00	6.6	(2.5)	(3.6)	(5.3)
11/27/19 19:15	(27.5)	(4.6)	(0.0)	(31.5)	11/28/19 8:15	25.9	15.3	(4.5)	36.8
11/27/19 19:30	(34.5)	(5.7)	0.0	(39.9)	11/28/19 8:30	24.4	(28.5)	4.8	(3.8)
11/27/19 19:45	(6.9)	72.7	0.0	70.7	11/28/19 8:45	(19.0)	15.5	(17.0)	(22.0)
11/27/19 20:00	(12.6)	12.0	(0.0)	(8.7)	11/28/19 9:00	29.2	7.2	(16.5)	17.0
11/27/19 20:15	(27.0)	(7.7)	0.0	(34.7)	11/28/19 9:15	9.8	(18.5)	9.6	4.4
11/27/19 20:30	(6.6)	2.0	(0.0)	(7.3)	11/28/19 9:30	(15.2)	(5.9)	5.5	(12.9)
11/27/19 20:45	(14.8)	(6.7)	0.0	(21.1)	11/28/19 9:45	20.1	(38.0)	12.2	(10.2)
11/27/19 21:00	(52.8)	(3.0)	0.0	(54.3)	11/28/19 10:00	9.1	24.8	(2.9)	31.9
11/27/19 21:15	(26.6)	13.9	0.0	(12.7)	11/28/19 10:15	(16.1)	43.7	3.3	36.7
11/27/19 21:30	(4.7)	35.8	(0.0)	34.8	11/28/19 10:30	(7.9)	(14.3)	1.2	(14.9)
11/27/19 21:45	(20.8)	29.5	0.0	12.7	11/28/19 10:45	25.8	(11.2)	(4.2)	11.6
11/27/19 22:00	(41.1)	(12.5)	(0.0)	(52.8)	11/28/19 11:00	7.8	(10.2)	(1.2)	(3.6)
11/27/19 22:15	(29.1)	(17.6)	0.0	(45.6)	11/28/19 11:15	18.0	10.0	1.0	19.1
11/27/19 22:30	15.7	13.2	(0.1)	27.3	11/28/19 11:30	10.9	(28.4)	(0.7)	(19.7)
11/27/19 22:45	(13.3)	(6.5)	(0.2)	(17.2)	11/28/19 11:45	(8.5)	5.2	(0.9)	(6.6)
11/27/19 23:00	(17.6)	82.0	0.3	83.8	11/28/19 12:00	(22.1)	42.2	1.7	24.9
11/27/19 23:15	14.1	65.8	(0.1)	75.8	11/28/19 12:15	(9.4)	25.5	(1.4)	22.0
11/27/19 23:30	(20.3)	9.3	(0.1)	(11.2)	11/28/19 12:30	(26.9)	24.5	(0.8)	(7.4)
11/27/19 23:45	(32.4)	44.8	0.1	17.0	11/28/19 12:45	(43.6)	58.1	(24.7)	(10.3)
11/28/19 0:00	(14.3)	(7.3)	(0.2)	(18.0)	11/28/19 13:00	(13.0)	36.1	(6.6)	26.6

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/28/19 13:15	16.3	20.0	(0.5)	32.7	11/29/19 2:15	(14.6)	(7.0)	(0.0)	(14.2)
11/28/19 13:30	(9.0)	21.7	(5.1)	7.6	11/29/19 2:30	(14.5)	30.7	0.0	31.5
11/28/19 13:45	(44.1)	14.1	(5.4)	(35.5)	11/29/19 2:45	8.6	(14.9)	(0.0)	(11.5)
11/28/19 14:00	(57.7)	59.9	(2.7)	6.7	11/29/19 3:00	(10.1)	(8.4)	0.0	(18.3)
11/28/19 14:15	(25.0)	37.8	7.4	19.3	11/29/19 3:15	(28.8)	(75.5)	(0.0)	(103.8)
11/28/19 14:30	(16.8)	8.7	(3.3)	(19.1)	11/29/19 3:30	52.7	(47.1)	0.0	27.1
11/28/19 14:45	(11.3)	3.4	3.9	(5.5)	11/29/19 3:45	54.5	5.9	0.0	57.7
11/28/19 15:00	9.1	14.2	4.6	25.0	11/29/19 4:00	14.3	(9.6)	(0.0)	11.6
11/28/19 15:15	11.9	16.3	14.7	38.7	11/29/19 4:15	(13.5)	24.1	0.0	14.5
11/28/19 15:30	7.0	(28.7)	13.7	(11.5)	11/29/19 4:30	22.7	28.2	0.0	51.0
11/28/19 15:45	(12.5)	(3.6)	9.2	(4.9)	11/29/19 4:45	14.7	12.1	0.0	26.4
11/28/19 16:00	(12.6)	9.5	10.3	14.1	11/29/19 5:00	(16.6)	(19.9)	0.0	(30.6)
11/28/19 16:15	(16.9)	(10.9)	8.7	(12.1)	11/29/19 5:15	41.3	(2.5)	(0.0)	40.6
11/28/19 16:30	50.9	(55.9)	2.3	(7.2)	11/29/19 5:30	19.6	7.2	0.0	23.9
11/28/19 16:45	9.9	(18.8)	0.3	(9.6)	11/29/19 5:45	13.4	8.7	0.0	13.0
11/28/19 17:00	68.9	(82.0)	(0.0)	(16.1)	11/29/19 6:00	37.0	(3.2)	(0.0)	35.5
11/28/19 17:15	32.0	(43.3)	(0.0)	(13.9)	11/29/19 6:15	(30.0)	12.0	(0.0)	(19.0)
11/28/19 17:30	10.3	(34.3)	0.0	(26.1)	11/29/19 6:30	(15.6)	21.8	(0.0)	15.0
11/28/19 17:45	(31.4)	26.4	(0.1)	(11.7)	11/29/19 6:45	32.2	4.7	0.0	36.2
11/28/19 18:00	(8.0)	23.5	0.1	15.6	11/29/19 7:00	26.8	33.3	0.0	59.4
11/28/19 18:15	(12.7)	40.8	0.0	28.8	11/29/19 7:15	(15.5)	17.1	(0.4)	8.5
11/28/19 18:30	(21.2)	35.1	0.0	15.6	11/29/19 7:30	19.2	25.2	(0.7)	43.8
11/28/19 18:45	11.2	(27.8)	(0.0)	(21.3)	11/29/19 7:45	15.6	(2.9)	(1.0)	13.5
11/28/19 19:00	13.1	(26.2)	(0.0)	(17.2)	11/29/19 8:00	(19.1)	(3.1)	(0.7)	(21.7)
11/28/19 19:15	(14.5)	47.9	0.0	38.8	11/29/19 8:15	51.2	(18.7)	(1.5)	31.4
11/28/19 19:30	10.4	11.5	(0.0)	19.3	11/29/19 8:30	(13.5)	(23.7)	(15.2)	(51.1)
11/28/19 19:45	(9.2)	49.9	(0.0)	41.3	11/29/19 8:45	(19.5)	(98.0)	(15.7)	(119.1)
11/28/19 20:00	(10.0)	61.3	0.0	60.8	11/29/19 9:00	(8.8)	(35.7)	(17.2)	(53.3)
11/28/19 20:15	(17.5)	35.9	0.0	32.0	11/29/19 9:15	5.7	(6.4)	26.3	33.6
11/28/19 20:30	(33.0)	7.9	(0.0)	(26.8)	11/29/19 9:30	(11.6)	10.1	(32.8)	(36.6)
11/28/19 20:45	12.4	26.1	(0.0)	30.1	11/29/19 9:45	11.3	(7.7)	(16.0)	(13.8)
11/28/19 21:00	(13.5)	37.2	0.0	23.6	11/29/19 10:00	2.8	17.4	5.6	23.9
11/28/19 21:15	(37.2)	27.4	0.0	(18.6)	11/29/19 10:15	6.5	35.8	7.8	47.7
11/28/19 21:30	(13.7)	12.8	(0.0)	11.1	11/29/19 10:30	(1.8)	9.2	(18.1)	(12.9)
11/28/19 21:45	(11.1)	(5.8)	(0.2)	(16.9)	11/29/19 10:45	31.1	(6.4)	(7.0)	23.3
11/28/19 22:00	(43.2)	(3.7)	(0.2)	(46.8)	11/29/19 11:00	(3.8)	(14.5)	8.9	(11.3)
11/28/19 22:15	(30.6)	11.0	0.2	(19.5)	11/29/19 11:15	4.1	(26.5)	(5.9)	(32.7)
11/28/19 22:30	(17.5)	4.0	0.1	(13.8)	11/29/19 11:30	(19.9)	(51.8)	10.0	(65.5)
11/28/19 22:45	(41.6)	11.3	(0.1)	(30.4)	11/29/19 11:45	23.9	15.1	9.6	48.1
11/28/19 23:00	(6.5)	13.6	0.1	13.6	11/29/19 12:00	9.3	26.1	(3.6)	31.8
11/28/19 23:15	(3.4)	8.3	0.2	5.3	11/29/19 12:15	(16.2)	1.1	7.2	11.9
11/28/19 23:30	(35.3)	17.5	0.1	(18.1)	11/29/19 12:30	12.1	19.5	21.3	47.8
11/28/19 23:45	(6.6)	32.2	0.0	30.9	11/29/19 12:45	(9.1)	16.1	(15.3)	(5.9)
11/29/19 0:00	(15.5)	14.7	(0.0)	(6.5)	11/29/19 13:00	(19.7)	(24.3)	(5.5)	(43.9)
11/29/19 0:15	(25.7)	2.5	0.0	(23.2)	11/29/19 13:15	(11.1)	(21.4)	10.4	(26.3)
11/29/19 0:30	(8.1)	3.5	(0.2)	7.3	11/29/19 13:30	16.4	5.0	4.5	19.9
11/29/19 0:45	(19.0)	31.8	0.1	14.7	11/29/19 13:45	10.9	(5.5)	7.1	11.5
11/29/19 1:00	(14.2)	8.8	(0.2)	(8.5)	11/29/19 14:00	(15.4)	11.2	(10.2)	(14.3)
11/29/19 1:15	6.2	29.8	0.2	36.1	11/29/19 14:15	19.3	11.4	15.8	45.2
11/29/19 1:30	(16.7)	3.8	0.2	(13.8)	11/29/19 14:30	18.9	(15.3)	5.9	10.8
11/29/19 1:45	(9.8)	(23.1)	0.1	(24.8)	11/29/19 14:45	(15.4)	(15.8)	11.4	(19.7)
11/29/19 2:00	6.7	(2.3)	(0.0)	5.1	11/29/19 15:00	24.0	(12.4)	3.4	17.9

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/29/19 15:15	13.1	(8.5)	5.9	10.8	11/30/19 4:15	12.9	(16.9)	(0.0)	(8.1)
11/29/19 15:30	(17.4)	(26.7)	(3.6)	(41.4)	11/30/19 4:30	(15.0)	(14.0)	0.0	(22.7)
11/29/19 15:45	39.0	(33.0)	(8.3)	(11.5)	11/30/19 4:45	20.0	(9.5)	(0.0)	15.5
11/29/19 16:00	22.7	(5.8)	8.3	30.0	11/30/19 5:00	16.3	15.3	0.0	31.0
11/29/19 16:15	12.8	59.0	4.9	75.9	11/30/19 5:15	(20.9)	(8.1)	0.0	(28.6)
11/29/19 16:30	41.0	(38.9)	2.8	7.5	11/30/19 5:30	29.2	(16.1)	(0.0)	13.6
11/29/19 16:45	47.8	(18.3)	1.1	30.5	11/30/19 5:45	22.5	(38.1)	0.0	(15.6)
11/29/19 17:00	38.4	32.9	(0.0)	63.4	11/30/19 6:00	20.1	(21.5)	0.0	5.1
11/29/19 17:15	(27.3)	19.7	(0.0)	(9.4)	11/30/19 6:15	11.8	38.8	0.1	39.8
11/29/19 17:30	12.9	9.0	0.0	16.6	11/30/19 6:30	39.1	(49.5)	(0.1)	(11.1)
11/29/19 17:45	10.0	(11.3)	0.0	10.5	11/30/19 6:45	10.1	(9.6)	(0.0)	(6.5)
11/29/19 18:00	(32.3)	14.7	(0.0)	(27.5)	11/30/19 7:00	12.5	19.4	(0.0)	26.0
11/29/19 18:15	(9.1)	(21.9)	0.0	(19.8)	11/30/19 7:15	(6.4)	(2.3)	(1.3)	(9.1)
11/29/19 18:30	(11.0)	(36.7)	(0.0)	(47.8)	11/30/19 7:30	7.7	(16.9)	(2.3)	(11.6)
11/29/19 18:45	(40.1)	(9.2)	(0.0)	(49.4)	11/30/19 7:45	23.5	6.8	(4.5)	25.3
11/29/19 19:00	11.3	(3.1)	0.0	9.1	11/30/19 8:00	17.7	16.9	(11.9)	23.0
11/29/19 19:15	3.9	17.7	0.0	20.0	11/30/19 8:15	3.8	(18.8)	(7.5)	(24.2)
11/29/19 19:30	(37.5)	17.7	0.0	(21.8)	11/30/19 8:30	3.2	9.5	(8.4)	(8.3)
11/29/19 19:45	20.3	24.2	(0.0)	42.1	11/30/19 8:45	13.2	15.6	(1.5)	27.3
11/29/19 20:00	(13.3)	2.9	(0.0)	(12.4)	11/30/19 9:00	16.6	(27.1)	(6.7)	(18.7)
11/29/19 20:15	(49.9)	19.3	0.0	(30.6)	11/30/19 9:15	3.5	(14.5)	(2.5)	(15.9)
11/29/19 20:30	(17.8)	16.8	0.0	(6.9)	11/30/19 9:30	17.1	1.8	(0.9)	17.3
11/29/19 20:45	(19.6)	(10.8)	0.0	(27.2)	11/30/19 9:45	12.9	7.3	0.5	20.5
11/29/19 21:00	(19.0)	(23.6)	(0.0)	(42.6)	11/30/19 10:00	8.3	20.1	0.9	28.7
11/29/19 21:15	(20.9)	(4.4)	(0.0)	(25.3)	11/30/19 10:15	9.2	(13.9)	(6.2)	(12.1)
11/29/19 21:30	(10.5)	(11.1)	0.0	(19.4)	11/30/19 10:30	6.3	(1.8)	(0.9)	4.8
11/29/19 21:45	(6.4)	(29.8)	(0.0)	(31.3)	11/30/19 10:45	(2.0)	(5.6)	(1.9)	(8.8)
11/29/19 22:00	(41.5)	(10.3)	(0.0)	(43.4)	11/30/19 11:00	(7.9)	7.1	(2.6)	(2.9)
11/29/19 22:15	(17.1)	61.6	(0.0)	54.2	11/30/19 11:15	(2.8)	(1.4)	(7.0)	(10.6)
11/29/19 22:30	(18.8)	44.0	(0.0)	28.1	11/30/19 11:30	(4.1)	68.2	(4.2)	60.9
11/29/19 22:45	(29.5)	26.6	(0.0)	(15.8)	11/30/19 11:45	(5.3)	27.0	4.0	27.1
11/29/19 23:00	(34.3)	(8.6)	0.0	(42.7)	11/30/19 12:00	1.7	(15.9)	(6.7)	(21.6)
11/29/19 23:15	7.6	2.3	(0.0)	8.7	11/30/19 12:15	(1.8)	(23.6)	(4.9)	(29.1)
11/29/19 23:30	29.2	13.6	0.0	42.8	11/30/19 12:30	(7.3)	(32.7)	(4.9)	(44.2)
11/29/19 23:45	(56.6)	6.8	(0.0)	(52.5)	11/30/19 12:45	(8.6)	(5.2)	6.4	(5.7)
11/30/19 0:00	8.5	(6.3)	(0.0)	(8.2)	11/30/19 13:00	(22.6)	15.0	4.5	(8.7)
11/30/19 0:15	(2.9)	(9.7)	(0.0)	(12.6)	11/30/19 13:15	(57.4)	(3.3)	4.9	(58.4)
11/30/19 0:30	(37.9)	(35.7)	0.0	(73.6)	11/30/19 13:30	(2.0)	(6.4)	(2.8)	(5.3)
11/30/19 0:45	14.1	(53.0)	0.0	(47.7)	11/30/19 13:45	(2.0)	25.1	2.2	26.3
11/30/19 1:00	(13.5)	(36.0)	(0.0)	(44.5)	11/30/19 14:00	17.6	10.6	(7.5)	20.4
11/30/19 1:15	(16.0)	51.2	0.0	42.7	11/30/19 14:15	15.6	(3.7)	(16.0)	(5.9)
11/30/19 1:30	(34.0)	4.4	(0.0)	(32.6)	11/30/19 14:30	3.2	(9.6)	1.8	(6.6)
11/30/19 1:45	25.6	(21.5)	0.0	4.4	11/30/19 14:45	(26.2)	27.9	3.8	13.5
11/30/19 2:00	36.4	(8.3)	(0.0)	28.5	11/30/19 15:00	(5.0)	(6.8)	24.6	19.4
11/30/19 2:15	12.2	(11.4)	(0.0)	(11.3)	11/30/19 15:15	13.9	(34.9)	20.1	(7.0)
11/30/19 2:30	(11.1)	6.4	0.0	5.1	11/30/19 15:30	11.5	(3.5)	(9.6)	5.3
11/30/19 2:45	3.7	(7.5)	0.0	(9.6)	11/30/19 15:45	(11.5)	(13.4)	17.4	(5.9)
11/30/19 3:00	8.2	(6.3)	0.0	(5.6)	11/30/19 16:00	46.4	9.4	12.5	68.0
11/30/19 3:15	8.5	(9.1)	(0.0)	(4.0)	11/30/19 16:15	9.1	7.7	12.0	25.9
11/30/19 3:30	(7.2)	(6.2)	0.0	(9.6)	11/30/19 16:30	35.9	(9.5)	4.2	32.1
11/30/19 3:45	(17.0)	8.9	(0.0)	(8.2)	11/30/19 16:45	55.5	16.5	1.3	72.9
11/30/19 4:00	18.7	30.2	(0.0)	45.3	11/30/19 17:00	63.7	(8.1)	0.2	55.8

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
11/30/19 17:15	5.6	(6.7)	0.0	(7.9)	12/1/19 6:15	34.8	4.3	(0.3)	38.8
11/30/19 17:30	(27.8)	33.9	(0.0)	9.5	12/1/19 6:30	25.9	10.5	0.3	36.7
11/30/19 17:45	4.7	9.1	0.0	12.8	12/1/19 6:45	(8.2)	5.0	0.3	7.1
11/30/19 18:00	(9.0)	(2.2)	(0.0)	(10.8)	12/1/19 7:00	20.4	8.4	(0.9)	27.9
11/30/19 18:15	(16.3)	(11.3)	(0.0)	(26.8)	12/1/19 7:15	9.5	4.1	(3.3)	10.3
11/30/19 18:30	20.8	5.8	0.0	21.5	12/1/19 7:30	(19.5)	23.4	(11.4)	(13.8)
11/30/19 18:45	(3.1)	(8.6)	0.0	(9.1)	12/1/19 7:45	22.1	19.4	(14.4)	27.7
11/30/19 19:00	(42.8)	(32.0)	0.0	(74.8)	12/1/19 8:00	7.0	(5.5)	(20.6)	(21.1)
11/30/19 19:15	10.4	(29.2)	0.0	(19.9)	12/1/19 8:15	(44.2)	12.1	(20.3)	(54.6)
11/30/19 19:30	(25.5)	(5.7)	(0.0)	(30.4)	12/1/19 8:30	26.9	39.6	(19.0)	47.1
11/30/19 19:45	21.6	(3.8)	(0.0)	18.2	12/1/19 8:45	(3.2)	18.5	(10.4)	6.8
11/30/19 20:00	3.9	(10.2)	0.0	(11.4)	12/1/19 9:00	(13.0)	13.9	3.2	8.3
11/30/19 20:15	(28.8)	(3.8)	(0.0)	(32.0)	12/1/19 9:15	8.2	16.9	4.5	23.5
11/30/19 20:30	(8.6)	(4.9)	(0.0)	(6.7)	12/1/19 9:30	7.3	13.1	(5.7)	12.9
11/30/19 20:45	14.7	(4.6)	0.0	10.4	12/1/19 9:45	(5.5)	25.8	(2.5)	19.7
11/30/19 21:00	(20.1)	(4.0)	0.0	(21.0)	12/1/19 10:00	(21.4)	19.1	7.2	13.5
11/30/19 21:15	(39.0)	22.0	0.0	(17.4)	12/1/19 10:15	(18.0)	7.6	1.3	(13.2)
11/30/19 21:30	(20.3)	3.8	0.0	(16.5)	12/1/19 10:30	29.5	14.0	(0.8)	43.1
11/30/19 21:45	(21.8)	10.8	(0.0)	(11.8)	12/1/19 10:45	(15.9)	17.1	1.5	11.4
11/30/19 22:00	(48.2)	21.2	(0.0)	(27.0)	12/1/19 11:00	(10.9)	12.2	(1.5)	14.0
11/30/19 22:15	(11.2)	10.9	0.0	13.3	12/1/19 11:15	(9.9)	10.9	1.8	7.1
11/30/19 22:30	(14.5)	14.1	(0.0)	4.2	12/1/19 11:30	(5.7)	17.1	3.8	17.9
11/30/19 22:45	14.5	29.4	(0.0)	34.5	12/1/19 11:45	(13.9)	27.4	2.6	26.0
11/30/19 23:00	(24.9)	4.2	(0.0)	(20.8)	12/1/19 12:00	9.4	9.0	(4.2)	12.9
11/30/19 23:15	(12.4)	14.3	(0.0)	6.2	12/1/19 12:15	6.8	10.5	(0.7)	15.5
11/30/19 23:30	(21.7)	6.0	(0.0)	(20.3)	12/1/19 12:30	(19.5)	10.4	1.9	(11.9)
11/30/19 23:45	(17.8)	(3.3)	0.0	(20.0)	12/1/19 12:45	22.1	12.1	0.9	34.5
12/1/19 0:00	(8.5)	(9.3)	(0.1)	(14.8)	12/1/19 13:00	3.6	15.3	2.5	20.3
12/1/19 0:15	(24.4)	(4.0)	(0.3)	(22.3)	12/1/19 13:15	(33.6)	19.7	(2.7)	(20.6)
12/1/19 0:30	(20.1)	7.6	(0.2)	(12.5)	12/1/19 13:30	22.4	12.4	(2.3)	30.9
12/1/19 0:45	(24.8)	28.2	0.2	9.8	12/1/19 13:45	7.6	(2.5)	0.9	5.4
12/1/19 1:00	(16.1)	42.7	(0.1)	26.6	12/1/19 14:00	(16.4)	(4.6)	8.9	(10.8)
12/1/19 1:15	11.3	36.9	0.2	41.4	12/1/19 14:15	16.4	5.3	2.2	22.5
12/1/19 1:30	14.6	34.3	0.2	46.5	12/1/19 14:30	(20.4)	(3.4)	4.6	(20.7)
12/1/19 1:45	(6.9)	20.8	(0.4)	17.6	12/1/19 14:45	28.6	(10.4)	(1.7)	19.3
12/1/19 2:00	(25.6)	7.5	0.4	(19.2)	12/1/19 15:00	(23.6)	(14.6)	13.8	(24.1)
12/1/19 2:15	16.6	5.6	(0.4)	21.1	12/1/19 15:15	40.4	(18.2)	13.8	36.0
12/1/19 2:30	1.9	(7.3)	0.3	(6.1)	12/1/19 15:30	29.0	(20.0)	11.1	20.1
12/1/19 2:45	(26.3)	(1.8)	(0.2)	(27.6)	12/1/19 15:45	21.9	(12.5)	16.7	26.0
12/1/19 3:00	18.3	25.6	0.2	42.8	12/1/19 16:00	27.8	(24.8)	8.6	14.5
12/1/19 3:15	6.7	41.3	0.2	47.8	12/1/19 16:15	46.6	(33.9)	7.5	20.2
12/1/19 3:30	(18.6)	8.0	0.2	(15.3)	12/1/19 16:30	55.5	(23.5)	3.6	35.7
12/1/19 3:45	16.0	21.6	0.1	36.8	12/1/19 16:45	49.1	(16.3)	0.8	33.6
12/1/19 4:00	8.8	5.1	(0.0)	13.8	12/1/19 17:00	58.0	(28.6)	(0.0)	35.6
12/1/19 4:15	(16.7)	17.4	0.1	9.2	12/1/19 17:15	19.8	(49.3)	(0.0)	(37.8)
12/1/19 4:30	19.0	15.1	(0.0)	34.1	12/1/19 17:30	46.0	(68.0)	0.0	(22.0)
12/1/19 4:45	11.8	12.1	(0.3)	23.1	12/1/19 17:45	8.8	(72.5)	0.0	(65.4)
12/1/19 5:00	(39.5)	2.2	0.1	(37.2)	12/1/19 18:00	14.3	(59.6)	(0.0)	(50.6)
12/1/19 5:15	(9.9)	24.6	(0.3)	20.6	12/1/19 18:15	(5.7)	(31.0)	0.0	(36.6)
12/1/19 5:30	25.7	(6.8)	(0.3)	24.5	12/1/19 18:30	(23.7)	(17.3)	(0.0)	(38.6)
12/1/19 5:45	12.5	(27.6)	0.3	(18.1)	12/1/19 18:45	20.5	6.4	0.0	19.8
12/1/19 6:00	7.8	(7.9)	0.2	(11.8)	12/1/19 19:00	(10.6)	(7.4)	(0.0)	(13.1)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/1/19 19:15	(17.4)	(45.2)	(0.0)	(62.1)	12/2/19 8:15	(8.2)	10.2	(16.6)	(11.5)
12/1/19 19:30	(9.7)	(43.1)	0.0	(45.4)	12/2/19 8:30	(22.9)	29.4	(22.6)	(16.4)
12/1/19 19:45	(10.5)	(40.0)	0.0	(50.5)	12/2/19 8:45	(40.6)	42.3	(13.7)	(19.3)
12/1/19 20:00	(24.9)	(19.0)	(0.0)	(40.3)	12/2/19 9:00	6.4	33.5	2.5	35.6
12/1/19 20:15	(10.6)	(21.7)	(0.0)	(27.2)	12/2/19 9:15	(19.0)	31.6	(5.6)	19.7
12/1/19 20:30	(21.4)	(12.4)	(0.0)	(31.8)	12/2/19 9:30	(14.6)	16.3	(7.3)	11.5
12/1/19 20:45	(23.9)	(18.5)	0.0	(42.4)	12/2/19 9:45	(5.8)	(1.2)	(4.6)	(10.4)
12/1/19 21:00	(35.2)	(33.3)	(0.0)	(68.5)	12/2/19 10:00	(9.1)	(11.1)	3.2	(16.7)
12/1/19 21:15	9.7	(47.6)	0.0	(44.3)	12/2/19 10:15	(23.4)	4.3	2.4	(19.8)
12/1/19 21:30	(22.2)	(30.3)	0.0	(52.5)	12/2/19 10:30	(10.5)	(3.4)	(0.9)	(13.9)
12/1/19 21:45	(67.7)	(12.8)	0.0	(80.5)	12/2/19 10:45	(5.2)	(21.9)	1.7	(22.1)
12/1/19 22:00	(17.0)	(13.0)	0.0	(29.9)	12/2/19 11:00	(28.3)	(52.0)	2.2	(78.1)
12/1/19 22:15	27.5	(3.7)	(0.1)	23.8	12/2/19 11:15	15.3	(41.0)	1.3	(34.8)
12/1/19 22:30	(32.8)	(10.9)	(0.0)	(38.5)	12/2/19 11:30	(11.1)	(18.8)	2.2	(27.6)
12/1/19 22:45	9.3	(6.5)	(0.0)	5.5	12/2/19 11:45	(38.8)	(30.9)	0.7	(69.0)
12/1/19 23:00	(25.1)	(14.8)	(0.0)	(38.3)	12/2/19 12:00	(6.6)	(20.9)	(0.6)	(25.4)
12/1/19 23:15	(30.8)	10.5	(0.0)	(21.8)	12/2/19 12:15	(13.5)	(36.8)	(1.7)	(51.7)
12/1/19 23:30	(11.5)	12.5	(0.0)	16.7	12/2/19 12:30	(18.5)	(36.7)	5.1	(50.2)
12/1/19 23:45	(33.1)	26.2	0.0	(13.2)	12/2/19 12:45	6.3	4.7	5.6	15.2
12/2/19 0:00	(26.0)	22.8	(0.0)	(5.4)	12/2/19 13:00	4.6	11.7	(4.4)	14.3
12/2/19 0:15	(6.3)	44.3	(0.0)	38.0	12/2/19 13:15	36.7	11.7	11.4	59.8
12/2/19 0:30	(11.8)	24.5	(0.2)	12.8	12/2/19 13:30	(15.1)	20.0	4.7	14.0
12/2/19 0:45	(10.0)	10.3	(0.2)	1.2	12/2/19 13:45	(6.7)	(10.6)	6.2	(11.0)
12/2/19 1:00	(8.1)	7.1	0.2	(4.3)	12/2/19 14:00	(30.8)	(11.3)	3.3	(39.1)
12/2/19 1:15	(12.0)	18.9	(0.4)	9.1	12/2/19 14:15	32.1	5.0	5.9	39.4
12/2/19 1:30	(1.7)	12.4	0.3	11.4	12/2/19 14:30	8.9	(16.4)	8.6	2.9
12/2/19 1:45	(2.8)	0.7	(0.1)	(2.5)	12/2/19 14:45	8.1	(17.8)	(7.4)	(26.3)
12/2/19 2:00	(3.1)	(3.6)	0.2	(6.4)	12/2/19 15:00	17.9	(34.7)	(2.6)	(37.4)
12/2/19 2:15	19.0	(14.1)	(0.1)	6.2	12/2/19 15:15	39.2	(32.7)	(2.3)	11.3
12/2/19 2:30	10.0	(20.4)	(0.1)	(13.0)	12/2/19 15:30	19.1	(10.3)	5.4	16.4
12/2/19 2:45	1.0	8.4	(0.1)	9.1	12/2/19 15:45	9.3	34.1	11.2	50.5
12/2/19 3:00	(9.9)	22.4	0.2	21.2	12/2/19 16:00	54.6	18.1	16.8	85.9
12/2/19 3:15	20.0	(24.3)	0.3	(11.3)	12/2/19 16:15	23.5	(60.6)	14.0	(24.8)
12/2/19 3:30	2.8	8.4	(0.3)	10.1	12/2/19 16:30	30.8	(61.5)	3.1	(28.0)
12/2/19 3:45	(25.2)	20.4	(0.3)	(11.2)	12/2/19 16:45	76.8	(10.0)	1.3	73.7
12/2/19 4:00	(13.8)	40.4	0.6	39.8	12/2/19 17:00	67.3	15.4	(0.1)	82.6
12/2/19 4:15	16.8	60.2	0.1	77.1	12/2/19 17:15	8.6	13.4	0.0	20.5
12/2/19 4:30	(45.6)	45.0	0.0	(9.7)	12/2/19 17:30	14.8	(4.5)	0.0	10.8
12/2/19 4:45	26.4	46.6	(0.0)	71.0	12/2/19 17:45	19.9	(17.9)	0.0	(11.6)
12/2/19 5:00	40.6	50.8	(0.0)	91.4	12/2/19 18:00	(9.4)	14.2	(0.1)	6.7
12/2/19 5:15	22.5	54.6	0.0	77.1	12/2/19 18:15	(36.6)	17.3	(0.0)	(19.3)
12/2/19 5:30	19.3	34.3	0.0	53.6	12/2/19 18:30	10.7	16.9	0.0	26.6
12/2/19 5:45	11.4	12.3	0.0	19.7	12/2/19 18:45	3.2	27.6	(0.0)	30.7
12/2/19 6:00	48.3	16.8	0.0	65.1	12/2/19 19:00	(22.0)	17.1	0.0	(14.5)
12/2/19 6:15	59.7	15.1	(0.0)	74.8	12/2/19 19:15	(21.3)	(14.7)	(0.0)	(29.3)
12/2/19 6:30	58.0	16.7	0.0	74.8	12/2/19 19:30	(7.7)	(3.3)	0.0	(8.1)
12/2/19 6:45	19.6	30.0	(0.1)	45.8	12/2/19 19:45	(22.2)	15.3	0.0	(9.9)
12/2/19 7:00	28.4	14.0	(0.0)	40.7	12/2/19 20:00	(14.9)	10.5	(0.0)	7.4
12/2/19 7:15	11.1	26.8	(1.4)	36.6	12/2/19 20:15	(6.0)	9.8	(0.0)	6.6
12/2/19 7:30	(14.7)	26.8	(2.5)	17.8	12/2/19 20:30	(25.4)	13.6	0.0	(14.8)
12/2/19 7:45	(16.0)	25.7	(13.4)	(10.0)	12/2/19 20:45	(35.7)	(18.3)	0.1	(54.0)
12/2/19 8:00	(7.8)	14.8	(15.9)	(7.2)	12/2/19 21:00	(27.6)	(8.6)	(0.0)	(35.0)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/2/19 21:15	(18.5)	12.4	(0.1)	(7.2)	12/3/19 10:15	(29.4)	(53.7)	2.4	(81.3)
12/2/19 21:30	(42.5)	23.3	0.0	(19.3)	12/3/19 10:30	(11.0)	(19.2)	7.9	(24.7)
12/2/19 21:45	(20.8)	19.2	0.1	13.0	12/3/19 10:45	7.0	17.6	3.9	26.6
12/2/19 22:00	(55.9)	(20.1)	(0.1)	(75.9)	12/3/19 11:00	6.2	(13.8)	(2.6)	(18.2)
12/2/19 22:15	(41.5)	(28.8)	0.0	(70.3)	12/3/19 11:15	(21.0)	(6.4)	2.3	(23.9)
12/2/19 22:30	(20.9)	(47.2)	(0.0)	(67.8)	12/3/19 11:30	12.6	16.9	11.3	30.5
12/2/19 22:45	16.0	11.7	0.0	21.4	12/3/19 11:45	(21.8)	31.2	(10.6)	7.6
12/2/19 23:00	(49.0)	38.2	(0.0)	(13.8)	12/3/19 12:00	19.6	(16.0)	(6.0)	(7.9)
12/2/19 23:15	8.5	2.9	(0.0)	8.9	12/3/19 12:15	(22.2)	75.2	6.7	57.3
12/2/19 23:30	(32.5)	4.1	0.0	(31.3)	12/3/19 12:30	(22.3)	77.1	9.8	70.0
12/2/19 23:45	(62.4)	(8.1)	(0.0)	(70.4)	12/3/19 12:45	(28.9)	43.1	(10.1)	24.3
12/3/19 0:00	4.7	(12.2)	(0.0)	(10.2)	12/3/19 13:00	23.7	23.8	(3.7)	41.7
12/3/19 0:15	2.9	(24.2)	(0.0)	(23.6)	12/3/19 13:15	14.2	35.6	1.7	44.1
12/3/19 0:30	(23.5)	(27.4)	0.0	(50.9)	12/3/19 13:30	8.9	35.8	(1.5)	37.7
12/3/19 0:45	(22.8)	(18.6)	0.0	(41.4)	12/3/19 13:45	(3.8)	25.5	4.7	28.5
12/3/19 1:00	4.4	(4.0)	0.0	(5.9)	12/3/19 14:00	(7.3)	19.6	(7.1)	11.3
12/3/19 1:15	(16.7)	(14.1)	(0.0)	(30.8)	12/3/19 14:15	(32.8)	22.2	(0.3)	(14.1)
12/3/19 1:30	(11.3)	(8.6)	0.0	(17.8)	12/3/19 14:30	9.9	4.1	(0.8)	13.1
12/3/19 1:45	13.7	(20.9)	0.0	(11.4)	12/3/19 14:45	14.1	2.2	2.1	17.8
12/3/19 2:00	(15.2)	(30.4)	(0.0)	(40.4)	12/3/19 15:00	(21.2)	8.7	11.6	5.3
12/3/19 2:15	12.5	25.0	(0.0)	30.4	12/3/19 15:15	30.2	2.6	17.3	50.0
12/3/19 2:30	9.3	(1.8)	0.0	10.3	12/3/19 15:30	23.9	4.2	11.6	39.8
12/3/19 2:45	4.9	(9.3)	0.0	(8.2)	12/3/19 15:45	16.2	(5.1)	18.3	26.4
12/3/19 3:00	(7.0)	(1.7)	(0.0)	(6.8)	12/3/19 16:00	35.1	(3.2)	14.1	45.8
12/3/19 3:15	13.5	(6.9)	0.0	7.4	12/3/19 16:15	26.8	(8.6)	14.5	32.7
12/3/19 3:30	(5.7)	31.9	(0.0)	30.6	12/3/19 16:30	73.1	(15.2)	5.6	63.5
12/3/19 3:45	(9.0)	49.9	(0.0)	48.3	12/3/19 16:45	45.7	(22.1)	1.0	26.4
12/3/19 4:00	14.8	4.7	(0.0)	19.3	12/3/19 17:00	43.6	(20.9)	(0.1)	22.7
12/3/19 4:15	26.9	15.2	0.0	39.1	12/3/19 17:15	23.3	(12.1)	0.1	(24.7)
12/3/19 4:30	18.2	30.7	(0.0)	40.7	12/3/19 17:30	14.7	(20.1)	(0.1)	(7.7)
12/3/19 4:45	29.1	24.8	0.0	54.0	12/3/19 17:45	33.6	(9.9)	(0.1)	23.6
12/3/19 5:00	28.5	17.3	(0.0)	45.5	12/3/19 18:00	(21.0)	(5.0)	0.1	(18.0)
12/3/19 5:15	26.7	(15.2)	(0.0)	19.3	12/3/19 18:15	(40.3)	(17.6)	0.2	(54.7)
12/3/19 5:30	48.3	(4.2)	0.0	46.9	12/3/19 18:30	4.3	(34.9)	0.1	(32.3)
12/3/19 5:45	47.1	(4.9)	(0.0)	44.0	12/3/19 18:45	12.7	8.5	(0.4)	18.0
12/3/19 6:00	30.6	(16.3)	(0.0)	14.3	12/3/19 19:00	(35.7)	22.1	0.2	(13.7)
12/3/19 6:15	50.4	(38.1)	0.0	16.4	12/3/19 19:15	31.3	4.0	0.2	33.4
12/3/19 6:30	48.7	(43.8)	0.0	5.7	12/3/19 19:30	(20.3)	(4.5)	(0.1)	(19.0)
12/3/19 6:45	15.4	(32.8)	(0.0)	(21.5)	12/3/19 19:45	(7.3)	14.7	0.1	9.1
12/3/19 7:00	(16.0)	(26.3)	(0.1)	(34.7)	12/3/19 20:00	(33.9)	7.8	(0.0)	(28.3)
12/3/19 7:15	22.7	(41.1)	(2.3)	(29.1)	12/3/19 20:15	13.8	20.8	0.0	29.4
12/3/19 7:30	(7.5)	(37.9)	(9.8)	(49.6)	12/3/19 20:30	(15.9)	4.7	(0.0)	(11.2)
12/3/19 7:45	(64.9)	(38.7)	(14.3)	(117.9)	12/3/19 20:45	(33.3)	(9.6)	0.0	(42.9)
12/3/19 8:00	(21.2)	(31.7)	(16.0)	(53.2)	12/3/19 21:00	(17.9)	(5.2)	(0.0)	(17.4)
12/3/19 8:15	10.4	13.8	(18.6)	6.0	12/3/19 21:15	(40.0)	3.2	0.0	(39.5)
12/3/19 8:30	(29.8)	8.5	(22.3)	(44.2)	12/3/19 21:30	(25.9)	12.8	(0.0)	(13.1)
12/3/19 8:45	(16.3)	(16.9)	(12.7)	(42.8)	12/3/19 21:45	(29.3)	(2.9)	(0.0)	(29.7)
12/3/19 9:00	(10.8)	(29.2)	(2.2)	(34.9)	12/3/19 22:00	(55.3)	(16.9)	0.0	(72.2)
12/3/19 9:15	(32.0)	(49.4)	(1.7)	(83.1)	12/3/19 22:15	(7.9)	(16.6)	0.0	(20.0)
12/3/19 9:30	(23.5)	(16.8)	(2.0)	(38.4)	12/3/19 22:30	(37.7)	(16.3)	(0.0)	(54.0)
12/3/19 9:45	18.6	44.0	0.9	60.6	12/3/19 22:45	(52.3)	(4.4)	(0.0)	(56.7)
12/3/19 10:00	27.2	30.2	1.9	55.7	12/3/19 23:00	(19.1)	5.5	(0.1)	(14.1)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/3/19 23:15	18.6	1.2	(0.0)	18.8	12/4/19 12:15	(10.1)	(25.1)	9.2	(26.0)
12/3/19 23:30	(28.9)	(16.4)	0.0	(43.4)	12/4/19 12:30	(3.4)	3.1	(9.9)	(11.6)
12/3/19 23:45	13.8	(26.4)	(0.0)	(17.5)	12/4/19 12:45	(9.5)	8.2	(7.5)	(8.7)
12/4/19 0:00	(17.9)	(15.5)	0.0	(30.4)	12/4/19 13:00	(7.9)	0.5	(1.6)	(8.8)
12/4/19 0:15	(26.2)	(2.7)	0.0	(26.5)	12/4/19 13:15	6.6	(4.6)	(9.3)	(10.3)
12/4/19 0:30	9.8	(3.9)	(0.0)	(8.3)	12/4/19 13:30	(3.4)	(22.4)	(6.2)	(30.1)
12/4/19 0:45	(12.8)	(1.0)	0.0	(13.4)	12/4/19 13:45	2.9	(8.4)	(8.4)	(14.9)
12/4/19 1:00	(27.8)	(17.7)	0.0	(44.6)	12/4/19 14:00	1.4	(14.5)	4.0	(9.7)
12/4/19 1:15	23.2	(6.7)	(0.0)	22.5	12/4/19 14:15	(1.2)	(21.5)	(0.6)	(21.7)
12/4/19 1:30	(5.3)	10.5	0.0	8.7	12/4/19 14:30	2.5	(25.8)	(5.4)	(29.4)
12/4/19 1:45	(36.2)	46.5	0.0	17.3	12/4/19 14:45	2.7	(19.6)	5.5	(15.2)
12/4/19 2:00	(43.1)	48.6	(0.0)	9.7	12/4/19 15:00	4.9	(9.8)	9.4	5.2
12/4/19 2:15	13.6	(14.3)	(0.0)	(2.4)	12/4/19 15:15	4.7	(11.0)	7.5	(4.4)
12/4/19 2:30	(11.3)	7.8	(0.0)	(10.9)	12/4/19 15:30	14.1	(29.7)	13.7	(5.1)
12/4/19 2:45	8.0	3.1	(0.0)	9.7	12/4/19 15:45	21.2	(18.0)	16.3	19.5
12/4/19 3:00	11.9	4.0	(0.0)	14.0	12/4/19 16:00	23.4	(18.1)	16.5	21.7
12/4/19 3:15	(20.6)	14.2	0.0	(6.4)	12/4/19 16:15	29.8	(11.5)	13.9	32.2
12/4/19 3:30	(16.9)	23.0	(0.0)	12.1	12/4/19 16:30	44.5	(17.9)	4.7	31.3
12/4/19 3:45	27.2	(34.1)	(0.0)	(7.2)	12/4/19 16:45	60.3	(6.5)	1.0	54.8
12/4/19 4:00	21.8	(25.7)	0.0	(5.3)	12/4/19 17:00	54.5	(21.3)	0.1	33.4
12/4/19 4:15	9.9	(15.5)	(0.0)	(13.6)	12/4/19 17:15	34.8	(31.9)	(0.0)	3.4
12/4/19 4:30	(12.1)	36.6	(0.0)	28.9	12/4/19 17:30	20.1	(29.9)	(0.0)	(10.2)
12/4/19 4:45	14.5	34.2	(0.0)	48.7	12/4/19 17:45	3.4	(4.1)	0.0	5.1
12/4/19 5:00	26.9	24.0	0.0	50.9	12/4/19 18:00	(5.8)	(8.8)	0.0	(12.5)
12/4/19 5:15	22.7	7.1	0.0	29.8	12/4/19 18:15	(17.0)	(17.0)	(0.0)	(34.0)
12/4/19 5:30	31.3	11.0	(0.0)	42.3	12/4/19 18:30	(5.2)	(24.0)	(0.0)	(29.3)
12/4/19 5:45	33.9	17.5	0.0	51.4	12/4/19 18:45	(4.6)	2.8	0.0	(4.4)
12/4/19 6:00	46.7	13.7	(0.0)	60.4	12/4/19 19:00	(14.4)	(8.0)	(0.0)	(22.1)
12/4/19 6:15	46.3	32.1	0.1	78.5	12/4/19 19:15	(22.6)	(21.6)	(0.0)	(44.1)
12/4/19 6:30	36.9	29.9	0.0	66.7	12/4/19 19:30	(11.9)	(25.8)	0.0	(35.8)
12/4/19 6:45	32.7	14.5	(0.0)	47.2	12/4/19 19:45	(10.2)	(9.6)	(0.0)	(19.8)
12/4/19 7:00	22.7	(6.3)	0.0	17.5	12/4/19 20:00	19.7	(21.1)	0.0	(8.1)
12/4/19 7:15	7.2	(12.8)	(0.6)	(6.6)	12/4/19 20:15	22.6	(27.6)	(0.0)	(10.2)
12/4/19 7:30	(2.4)	(1.6)	(3.3)	(6.3)	12/4/19 20:30	(36.4)	(6.6)	(0.0)	(41.8)
12/4/19 7:45	(2.6)	18.9	(2.3)	15.3	12/4/19 20:45	(12.9)	1.7	(0.0)	(13.4)
12/4/19 8:00	(3.3)	(4.0)	(5.0)	(9.3)	12/4/19 21:00	(51.8)	(4.5)	0.0	(56.2)
12/4/19 8:15	(3.1)	10.3	(4.7)	8.2	12/4/19 21:15	(12.2)	(1.9)	(0.0)	(13.1)
12/4/19 8:30	(4.7)	28.6	(3.7)	20.7	12/4/19 21:30	(27.4)	5.0	0.0	(22.4)
12/4/19 8:45	(18.4)	39.8	(1.9)	19.4	12/4/19 21:45	(57.0)	12.9	(0.0)	(44.1)
12/4/19 9:00	(6.3)	37.3	(0.5)	30.7	12/4/19 22:00	(45.8)	3.6	0.0	(43.8)
12/4/19 9:15	(16.7)	31.7	(1.6)	13.4	12/4/19 22:15	38.2	12.9	(0.0)	51.1
12/4/19 9:30	(13.9)	10.7	(2.0)	(5.4)	12/4/19 22:30	(37.5)	22.8	0.0	(16.1)
12/4/19 9:45	(11.2)	5.4	(4.4)	(10.2)	12/4/19 22:45	(28.3)	(4.9)	(0.0)	(32.4)
12/4/19 10:00	(5.4)	20.0	(2.5)	14.1	12/4/19 23:00	(28.6)	17.7	(0.0)	(17.0)
12/4/19 10:15	4.6	30.9	(8.0)	25.6	12/4/19 23:15	(30.6)	22.5	(0.0)	(12.9)
12/4/19 10:30	(3.5)	21.1	2.4	22.5	12/4/19 23:30	(25.1)	12.2	(0.0)	(12.9)
12/4/19 10:45	(12.7)	11.5	(8.7)	(10.6)	12/4/19 23:45	(6.8)	34.3	0.0	33.8
12/4/19 11:00	(18.6)	11.5	(10.8)	(18.0)	12/5/19 0:00	(27.6)	52.8	0.0	25.6
12/4/19 11:15	(11.2)	(4.2)	(8.3)	(17.9)	12/5/19 0:15	(17.7)	25.1	(0.0)	10.8
12/4/19 11:30	(20.8)	(22.3)	17.5	(26.1)	12/5/19 0:30	(14.2)	14.7	(0.0)	4.2
12/4/19 11:45	2.3	(11.8)	(9.3)	(20.4)	12/5/19 0:45	(21.7)	(4.1)	0.0	(25.5)
12/4/19 12:00	(5.5)	(13.7)	0.3	(19.1)	12/5/19 1:00	(13.1)	13.8	0.0	4.7

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/5/19 1:15	29.4	(14.3)	0.0	16.5	12/5/19 14:15	(21.0)	12.0	(3.7)	(18.3)
12/5/19 1:30	(15.3)	14.8	0.0	(5.0)	12/5/19 14:30	22.5	33.8	(2.8)	54.1
12/5/19 1:45	(11.1)	43.2	(0.0)	34.2	12/5/19 14:45	15.0	14.0	12.3	36.7
12/5/19 2:00	13.4	37.0	0.0	47.0	12/5/19 15:00	(14.9)	(62.0)	8.2	(60.7)
12/5/19 2:15	(6.1)	34.2	(0.0)	28.2	12/5/19 15:15	28.9	(20.9)	(4.3)	15.0
12/5/19 2:30	(21.5)	29.4	0.0	12.1	12/5/19 15:30	10.9	(4.1)	(16.4)	(10.0)
12/5/19 2:45	14.5	33.7	(0.0)	37.9	12/5/19 15:45	7.5	(8.9)	6.3	(9.5)
12/5/19 3:00	14.9	36.5	0.0	51.1	12/5/19 16:00	27.7	8.1	5.2	40.6
12/5/19 3:15	(8.7)	6.5	(0.0)	(13.7)	12/5/19 16:15	31.6	(7.2)	9.0	34.2
12/5/19 3:30	(19.6)	(12.5)	(0.0)	(31.9)	12/5/19 16:30	13.3	(7.5)	5.2	10.2
12/5/19 3:45	14.5	(10.3)	0.0	17.4	12/5/19 16:45	54.5	12.2	2.3	69.0
12/5/19 4:00	(4.4)	(89.6)	(0.0)	(91.0)	12/5/19 17:00	25.3	27.7	0.1	52.1
12/5/19 4:15	8.4	(22.8)	0.0	(19.1)	12/5/19 17:15	(19.6)	14.1	(0.0)	(12.2)
12/5/19 4:30	40.1	(34.5)	(0.0)	11.8	12/5/19 17:30	23.9	51.6	(0.0)	75.5
12/5/19 4:45	26.8	(20.7)	0.0	9.3	12/5/19 17:45	2.9	50.2	0.0	52.0
12/5/19 5:00	11.8	(24.3)	(0.0)	(19.1)	12/5/19 18:00	(23.9)	24.7	0.0	14.3
12/5/19 5:15	28.7	(30.1)	0.0	(6.8)	12/5/19 18:15	(11.8)	40.5	(0.0)	36.5
12/5/19 5:30	60.0	(39.3)	0.0	20.7	12/5/19 18:30	(8.7)	10.1	0.0	4.9
12/5/19 5:45	45.7	13.5	0.0	56.2	12/5/19 18:45	(24.8)	(7.2)	(0.0)	(32.0)
12/5/19 6:00	(22.5)	11.3	(0.0)	23.0	12/5/19 19:00	(13.3)	(12.9)	0.0	(22.2)
12/5/19 6:15	46.0	(19.5)	(0.0)	31.9	12/5/19 19:15	(11.3)	(7.9)	(0.0)	(17.4)
12/5/19 6:30	39.1	18.5	0.0	57.6	12/5/19 19:30	(34.2)	14.4	(0.0)	(19.7)
12/5/19 6:45	18.7	(12.9)	(0.0)	18.1	12/5/19 19:45	11.5	37.5	0.0	42.7
12/5/19 7:00	41.9	(39.1)	0.0	7.2	12/5/19 20:00	(19.4)	59.7	(0.0)	42.0
12/5/19 7:15	10.2	(61.2)	(0.4)	(51.4)	12/5/19 20:15	(40.7)	46.1	0.0	9.8
12/5/19 7:30	(16.2)	(51.1)	(3.8)	(67.2)	12/5/19 20:30	(18.2)	45.6	(0.0)	35.6
12/5/19 7:45	20.0	(47.7)	(10.9)	(52.2)	12/5/19 20:45	(20.7)	13.1	(0.0)	(13.7)
12/5/19 8:00	21.1	(39.1)	3.2	(16.2)	12/5/19 21:00	(26.6)	7.7	0.0	(19.1)
12/5/19 8:15	20.5	(71.3)	(16.2)	(69.0)	12/5/19 21:15	(38.5)	9.8	(0.0)	(29.2)
12/5/19 8:30	(15.1)	51.5	8.7	59.6	12/5/19 21:30	(17.1)	12.9	0.0	(9.4)
12/5/19 8:45	27.5	(70.4)	4.7	(51.5)	12/5/19 21:45	(27.8)	(11.8)	(0.0)	(38.3)
12/5/19 9:00	36.7	(27.0)	4.9	24.4	12/5/19 22:00	(62.5)	13.2	(0.0)	(52.3)
12/5/19 9:15	(9.4)	25.8	3.5	20.3	12/5/19 22:15	(25.3)	16.9	0.0	(11.9)
12/5/19 9:30	(8.4)	35.3	(17.7)	21.9	12/5/19 22:30	(31.2)	19.0	0.0	(12.1)
12/5/19 9:45	9.1	12.2	6.6	25.5	12/5/19 22:45	(55.0)	28.1	(0.0)	(26.9)
12/5/19 10:00	(16.9)	18.7	(7.2)	(6.7)	12/5/19 23:00	(17.2)	24.0	(0.0)	12.7
12/5/19 10:15	16.2	(3.7)	(13.3)	(4.7)	12/5/19 23:15	(15.9)	32.6	(0.0)	18.2
12/5/19 10:30	5.2	(15.3)	10.2	(12.5)	12/5/19 23:30	(44.5)	28.8	(0.0)	(17.9)
12/5/19 10:45	(21.0)	(3.8)	(12.5)	(36.1)	12/5/19 23:45	(13.2)	30.5	0.0	20.9
12/5/19 11:00	18.2	13.5	(8.4)	23.8	12/6/19 0:00	(11.3)	5.8	(0.0)	(6.0)
12/5/19 11:15	6.1	(13.5)	5.3	(4.1)	12/6/19 0:15	(33.9)	19.9	(0.0)	(18.5)
12/5/19 11:30	(23.5)	(11.0)	(4.3)	(34.9)	12/6/19 0:30	11.8	16.3	(0.0)	24.5
12/5/19 11:45	19.5	4.5	(15.4)	13.9	12/6/19 0:45	5.3	5.4	(0.0)	8.0
12/5/19 12:00	5.4	(33.7)	9.9	(19.8)	12/6/19 1:00	(26.4)	5.8	(0.0)	(20.6)
12/5/19 12:15	(23.1)	12.2	31.6	18.7	12/6/19 1:15	14.3	2.6	0.0	15.6
12/5/19 12:30	(16.7)	14.7	(6.4)	(11.0)	12/6/19 1:30	7.1	4.9	0.0	8.0
12/5/19 12:45	14.9	2.4	(12.9)	9.3	12/6/19 1:45	(9.8)	9.5	0.0	(7.0)
12/5/19 13:00	20.7	(3.4)	(5.2)	13.1	12/6/19 2:00	(13.4)	9.2	0.0	12.0
12/5/19 13:15	(9.9)	25.9	(4.7)	12.6	12/6/19 2:15	6.9	(3.2)	(0.0)	8.0
12/5/19 13:30	(23.9)	26.2	7.0	8.9	12/6/19 2:30	5.4	(7.2)	(0.0)	(6.6)
12/5/19 13:45	21.3	16.1	12.8	46.8	12/6/19 2:45	(32.4)	(14.0)	0.0	(45.6)
12/5/19 14:00	10.7	(21.3)	12.7	3.9	12/6/19 3:00	2.4	(26.5)	(0.0)	(25.4)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/6/19 3:15	5.6	(28.2)	(0.0)	(23.4)	12/6/19 16:15	17.4	(6.0)	14.2	25.5
12/6/19 3:30	5.6	(31.4)	(0.0)	(25.8)	12/6/19 16:30	52.5	(25.8)	4.8	31.4
12/6/19 3:45	24.3	(37.1)	0.0	(13.0)	12/6/19 16:45	63.4	(27.2)	1.0	37.2
12/6/19 4:00	34.7	(29.4)	0.0	11.2	12/6/19 17:00	46.4	(44.7)	0.1	12.3
12/6/19 4:15	21.0	(22.7)	(0.0)	(2.4)	12/6/19 17:15	44.1	(50.9)	(0.0)	(7.1)
12/6/19 4:30	(16.2)	(35.1)	0.0	(45.9)	12/6/19 17:30	(9.2)	(45.7)	(0.0)	(52.4)
12/6/19 4:45	37.7	(40.5)	(0.0)	(8.1)	12/6/19 17:45	23.8	(22.6)	0.0	(10.9)
12/6/19 5:00	28.8	(57.9)	0.0	(29.1)	12/6/19 18:00	(32.2)	2.4	0.0	(32.2)
12/6/19 5:15	6.5	(65.0)	(0.0)	(62.6)	12/6/19 18:15	(9.4)	10.6	0.0	6.2
12/6/19 5:30	58.3	(37.6)	(0.0)	24.6	12/6/19 18:30	11.4	7.1	(0.0)	15.4
12/6/19 5:45	42.3	(25.4)	(0.0)	16.9	12/6/19 18:45	(5.0)	9.6	0.0	5.9
12/6/19 6:00	35.3	(13.1)	0.0	22.2	12/6/19 19:00	(32.3)	40.1	(0.0)	12.0
12/6/19 6:15	45.2	(7.6)	(0.0)	37.9	12/6/19 19:15	7.4	34.8	0.0	37.5
12/6/19 6:30	63.5	(7.3)	(0.0)	56.2	12/6/19 19:30	(16.8)	19.6	0.0	8.7
12/6/19 6:45	41.1	(8.4)	0.0	32.9	12/6/19 19:45	(29.7)	(5.5)	(0.0)	(32.0)
12/6/19 7:00	14.6	(7.7)	(0.3)	8.1	12/6/19 20:00	14.3	5.4	0.0	11.9
12/6/19 7:15	18.2	(7.7)	(2.6)	10.9	12/6/19 20:15	(12.2)	23.6	(0.0)	11.4
12/6/19 7:30	6.2	10.4	(6.5)	8.8	12/6/19 20:30	(38.6)	58.8	(0.0)	22.7
12/6/19 7:45	(36.7)	31.8	(6.9)	(16.2)	12/6/19 20:45	8.8	41.6	0.0	48.3
12/6/19 8:00	13.8	7.7	(5.1)	17.9	12/6/19 21:00	(13.2)	(3.0)	(0.0)	(15.5)
12/6/19 8:15	(4.1)	(26.5)	(12.1)	(42.1)	12/6/19 21:15	(36.8)	17.7	0.0	(19.1)
12/6/19 8:30	(43.7)	(45.1)	(23.7)	(112.5)	12/6/19 21:30	(11.4)	9.9	(0.0)	8.7
12/6/19 8:45	(5.4)	(32.8)	(15.0)	(51.2)	12/6/19 21:45	(22.6)	(2.6)	(0.0)	(23.8)
12/6/19 9:00	(10.4)	(5.5)	(12.6)	(27.0)	12/6/19 22:00	(39.8)	24.4	0.0	(15.5)
12/6/19 9:15	(38.3)	4.7	5.6	(28.6)	12/6/19 22:15	(9.7)	17.1	(0.0)	11.5
12/6/19 9:30	11.0	21.8	2.0	29.7	12/6/19 22:30	(31.4)	2.8	(0.0)	(28.6)
12/6/19 9:45	(9.7)	10.2	(11.7)	(11.2)	12/6/19 22:45	(58.7)	14.0	0.1	(44.7)
12/6/19 10:00	(29.3)	10.7	(1.4)	(20.2)	12/6/19 23:00	(17.0)	20.4	0.0	15.0
12/6/19 10:15	(18.8)	(1.4)	(1.4)	(18.3)	12/6/19 23:15	(7.4)	(12.0)	(0.0)	(19.0)
12/6/19 10:30	(9.0)	10.1	10.8	20.5	12/6/19 23:30	(31.9)	(15.0)	(0.0)	(46.9)
12/6/19 10:45	(4.2)	19.2	2.5	18.7	12/6/19 23:45	(29.4)	(18.3)	0.0	(44.8)
12/6/19 11:00	(47.5)	(2.6)	(7.7)	(57.4)	12/7/19 0:00	(9.1)	(27.9)	(0.0)	(35.0)
12/6/19 11:15	10.8	13.1	(4.4)	16.6	12/7/19 0:15	(16.6)	(18.9)	0.0	(35.5)
12/6/19 11:30	4.9	18.2	4.6	22.3	12/7/19 0:30	(30.6)	(3.0)	(0.0)	(30.1)
12/6/19 11:45	(29.8)	(8.6)	(2.9)	(40.6)	12/7/19 0:45	45.1	(8.2)	0.0	37.7
12/6/19 12:00	15.7	8.9	2.3	24.1	12/7/19 1:00	(5.6)	(4.3)	(0.0)	(9.9)
12/6/19 12:15	2.1	17.9	6.1	25.6	12/7/19 1:15	(30.6)	1.0	0.0	(30.3)
12/6/19 12:30	(22.2)	27.7	2.8	12.6	12/7/19 1:30	13.8	(4.9)	0.0	12.5
12/6/19 12:45	13.6	29.1	(1.0)	39.4	12/7/19 1:45	(17.4)	(4.0)	(0.0)	(21.5)
12/6/19 13:00	(5.1)	11.1	(9.5)	(3.9)	12/7/19 2:00	(9.2)	(16.1)	0.0	(25.2)
12/6/19 13:15	(17.7)	16.5	2.2	5.5	12/7/19 2:15	(18.6)	(8.8)	(0.0)	(24.3)
12/6/19 13:30	9.5	17.4	5.3	26.0	12/7/19 2:30	17.6	(9.4)	0.0	11.6
12/6/19 13:45	1.6	25.5	8.6	34.9	12/7/19 2:45	(9.3)	(5.4)	(0.0)	(12.0)
12/6/19 14:00	(12.5)	34.6	1.7	25.7	12/7/19 3:00	(20.9)	(28.6)	0.0	(41.6)
12/6/19 14:15	10.8	21.2	1.1	30.4	12/7/19 3:15	12.6	(39.8)	(0.0)	(28.9)
12/6/19 14:30	5.3	7.4	1.5	12.4	12/7/19 3:30	(8.9)	(27.2)	0.0	(33.1)
12/6/19 14:45	(22.2)	2.5	(3.6)	(24.2)	12/7/19 3:45	12.0	(18.7)	(0.0)	(20.8)
12/6/19 15:00	32.0	4.7	(4.1)	33.0	12/7/19 4:00	23.6	(25.6)	(0.0)	(9.3)
12/6/19 15:15	10.1	5.9	9.7	25.5	12/7/19 4:15	21.7	(29.2)	0.0	(14.2)
12/6/19 15:30	10.5	1.2	24.2	28.7	12/7/19 4:30	(10.6)	(33.5)	(0.0)	(40.4)
12/6/19 15:45	32.8	6.2	15.6	54.6	12/7/19 4:45	21.0	(34.9)	0.0	(18.5)
12/6/19 16:00	22.9	0.8	11.0	34.0	12/7/19 5:00	15.3	(35.1)	(0.0)	(21.7)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/7/19 5:15	13.1	(20.7)	(0.0)	(17.8)	12/7/19 18:15	7.6	(11.5)	(0.0)	(7.5)
12/7/19 5:30	34.7	(8.4)	0.0	26.3	12/7/19 18:30	(28.7)	41.9	(0.0)	17.3
12/7/19 5:45	13.4	(34.6)	(0.0)	(27.4)	12/7/19 18:45	(20.7)	30.7	0.0	29.7
12/7/19 6:00	16.3	(45.1)	0.0	(40.8)	12/7/19 19:00	(8.6)	19.0	0.0	18.4
12/7/19 6:15	50.4	(39.6)	(0.0)	13.4	12/7/19 19:15	(12.6)	13.3	0.0	15.4
12/7/19 6:30	25.7	(16.8)	(0.0)	8.9	12/7/19 19:30	(34.8)	(7.1)	0.0	(40.7)
12/7/19 6:45	(9.6)	(2.2)	(0.0)	(10.3)	12/7/19 19:45	10.6	(8.5)	0.1	(7.0)
12/7/19 7:00	17.3	(29.2)	(0.1)	(15.7)	12/7/19 20:00	5.9	5.4	(0.0)	5.2
12/7/19 7:15	8.3	16.0	(1.8)	16.2	12/7/19 20:15	(18.6)	5.8	(0.0)	(13.8)
12/7/19 7:30	(9.7)	61.4	(5.0)	46.7	12/7/19 20:30	(42.2)	5.7	0.0	(37.0)
12/7/19 7:45	22.5	46.2	(9.8)	57.3	12/7/19 20:45	(18.2)	29.7	(0.0)	11.9
12/7/19 8:00	23.3	(5.4)	(1.9)	21.3	12/7/19 21:00	(3.8)	12.5	0.0	11.3
12/7/19 8:15	(16.6)	11.4	(2.1)	13.6	12/7/19 21:15	(8.9)	22.4	0.0	14.8
12/7/19 8:30	9.4	17.2	(12.6)	11.1	12/7/19 21:30	(19.6)	33.1	(0.0)	13.5
12/7/19 8:45	(3.2)	41.9	(23.4)	15.5	12/7/19 21:45	(16.9)	39.7	0.0	22.9
12/7/19 9:00	(33.9)	39.2	(6.7)	(10.6)	12/7/19 22:00	(14.4)	19.8	(0.0)	6.7
12/7/19 9:15	10.3	31.6	(8.2)	27.7	12/7/19 22:15	(9.4)	(9.6)	(0.0)	(17.0)
12/7/19 9:30	4.1	47.4	(1.7)	50.9	12/7/19 22:30	(12.3)	11.7	(0.0)	(7.7)
12/7/19 9:45	(23.9)	46.9	(6.9)	26.4	12/7/19 22:45	(24.5)	4.2	0.0	(24.5)
12/7/19 10:00	(20.6)	18.6	(1.8)	15.9	12/7/19 23:00	(46.7)	22.9	(0.0)	(30.4)
12/7/19 10:15	(5.1)	8.5	2.1	7.9	12/7/19 23:15	18.1	44.6	0.0	51.5
12/7/19 10:30	(5.7)	7.5	(7.5)	(5.2)	12/7/19 23:30	(27.4)	41.9	(0.0)	14.4
12/7/19 10:45	(22.5)	16.1	(19.7)	(26.1)	12/7/19 23:45	(58.4)	29.3	0.0	(29.3)
12/7/19 11:00	(20.9)	9.9	6.8	(9.3)	12/8/19 0:00	49.6	28.7	0.0	76.8
12/7/19 11:15	(6.7)	32.1	9.6	34.6	12/8/19 0:15	(10.4)	19.3	0.0	15.0
12/7/19 11:30	14.0	38.0	(5.5)	42.6	12/8/19 0:30	(45.6)	25.6	0.0	(22.2)
12/7/19 11:45	9.6	40.1	1.7	46.5	12/8/19 0:45	16.4	30.4	0.0	42.7
12/7/19 12:00	(5.4)	(9.4)	0.7	(14.0)	12/8/19 1:00	(10.6)	45.9	0.0	35.2
12/7/19 12:15	(37.6)	(19.9)	1.5	(56.2)	12/8/19 1:15	(28.6)	25.2	(0.0)	(13.3)
12/7/19 12:30	13.7	(20.7)	(2.5)	(17.9)	12/8/19 1:30	11.6	22.8	(0.0)	26.7
12/7/19 12:45	(40.0)	(8.1)	(2.8)	(50.1)	12/8/19 1:45	(6.4)	(10.7)	(0.0)	(16.4)
12/7/19 13:00	(16.6)	(46.1)	1.7	(59.7)	12/8/19 2:00	(33.7)	(7.1)	(0.0)	(40.7)
12/7/19 13:15	8.9	(49.5)	1.0	(46.0)	12/8/19 2:15	(20.3)	7.4	0.0	(15.6)
12/7/19 13:30	(3.2)	(53.4)	7.4	(46.1)	12/8/19 2:30	(3.5)	5.9	0.0	6.3
12/7/19 13:45	(15.1)	(56.7)	8.9	(57.7)	12/8/19 2:45	6.7	6.9	0.0	12.2
12/7/19 14:00	26.6	(8.0)	(4.3)	18.3	12/8/19 3:00	20.6	(27.8)	0.0	(12.6)
12/7/19 14:15	3.9	(5.3)	3.5	3.4	12/8/19 3:15	5.1	(20.5)	0.0	(16.0)
12/7/19 14:30	(14.9)	17.2	(14.3)	(21.9)	12/8/19 3:30	(21.3)	23.7	(0.0)	7.5
12/7/19 14:45	18.6	56.9	11.5	82.4	12/8/19 3:45	14.7	(16.4)	0.0	(10.9)
12/7/19 15:00	3.0	(7.9)	5.0	7.7	12/8/19 4:00	9.3	(24.8)	0.0	(16.7)
12/7/19 15:15	(13.9)	(20.0)	22.9	(13.4)	12/8/19 4:15	(31.9)	16.2	(0.0)	(16.3)
12/7/19 15:30	22.9	(17.4)	7.3	17.7	12/8/19 4:30	31.2	(36.2)	(0.0)	(10.6)
12/7/19 15:45	(14.3)	(23.0)	20.3	(17.5)	12/8/19 4:45	20.1	(27.9)	0.0	(11.1)
12/7/19 16:00	27.0	(11.3)	4.2	20.0	12/8/19 5:00	10.1	(6.6)	0.0	7.9
12/7/19 16:15	70.5	(1.1)	13.3	83.4	12/8/19 5:15	(6.0)	(22.2)	(0.0)	(22.4)
12/7/19 16:30	22.3	(26.9)	5.5	4.7	12/8/19 5:30	34.6	(56.0)	0.0	(22.1)
12/7/19 16:45	70.6	(25.9)	1.0	45.7	12/8/19 5:45	24.5	(72.7)	0.0	(48.2)
12/7/19 17:00	48.4	(55.7)	(0.0)	(14.1)	12/8/19 6:00	(11.6)	(15.3)	(0.0)	(25.6)
12/7/19 17:15	(8.7)	(53.4)	(0.0)	(55.4)	12/8/19 6:15	52.2	(23.1)	(0.0)	29.1
12/7/19 17:30	20.3	(31.3)	0.0	(21.4)	12/8/19 6:30	16.4	(18.4)	0.0	(8.7)
12/7/19 17:45	(9.4)	(62.2)	(0.0)	(69.3)	12/8/19 6:45	(14.0)	16.8	(0.0)	11.9
12/7/19 18:00	10.6	(51.9)	0.0	(44.6)	12/8/19 7:00	35.4	3.6	(0.0)	36.8

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/8/19 7:15	(4.8)	(21.1)	0.1	(21.9)	12/8/19 20:15	11.0	(79.9)	(0.0)	(78.5)
12/8/19 7:30	(56.0)	(16.7)	(0.7)	(71.8)	12/8/19 20:30	(15.3)	(52.4)	(0.0)	(67.7)
12/8/19 7:45	26.1	(7.2)	(2.2)	(23.9)	12/8/19 20:45	(33.5)	26.8	0.0	(41.5)
12/8/19 8:00	47.1	(21.4)	(2.3)	23.3	12/8/19 21:00	24.5	28.8	(0.0)	48.1
12/8/19 8:15	24.7	(5.1)	(2.7)	19.5	12/8/19 21:15	20.7	(59.6)	0.0	(39.8)
12/8/19 8:30	(17.6)	14.7	(6.2)	(11.5)	12/8/19 21:30	(24.7)	18.8	0.0	(6.4)
12/8/19 8:45	35.2	12.5	(7.0)	40.7	12/8/19 21:45	(45.0)	42.9	(0.0)	(6.7)
12/8/19 9:00	6.0	8.5	5.0	19.3	12/8/19 22:00	(10.9)	8.7	(0.0)	(5.7)
12/8/19 9:15	(32.4)	24.6	(1.6)	(11.1)	12/8/19 22:15	(14.2)	(9.5)	(0.0)	(19.3)
12/8/19 9:30	17.3	32.7	(4.8)	42.3	12/8/19 22:30	(57.9)	47.9	(0.0)	(20.3)
12/8/19 9:45	(4.0)	13.2	(0.8)	9.8	12/8/19 22:45	(16.4)	31.6	0.0	19.2
12/8/19 10:00	(14.8)	(3.3)	(2.2)	(19.9)	12/8/19 23:00	(29.7)	15.1	0.0	(14.6)
12/8/19 10:15	26.0	10.2	(8.5)	29.2	12/8/19 23:15	(28.3)	13.9	0.0	(14.4)
12/8/19 10:30	20.5	3.3	(11.7)	14.1	12/8/19 23:30	(11.4)	13.4	(0.0)	10.2
12/8/19 10:45	(4.6)	(1.2)	3.0	(3.6)	12/8/19 23:45	(22.3)	17.1	0.0	(5.1)
12/8/19 11:00	(23.6)	11.2	4.6	(13.8)	12/9/19 0:00	(29.8)	29.9	(0.0)	16.4
12/8/19 11:15	17.1	17.5	2.6	31.8	12/9/19 0:15	14.8	23.3	(0.0)	31.1
12/8/19 11:30	(3.1)	26.6	4.2	27.9	12/9/19 0:30	(24.1)	39.9	0.0	26.4
12/8/19 11:45	(35.8)	11.2	1.8	(24.9)	12/9/19 0:45	(21.7)	23.4	(0.0)	8.8
12/8/19 12:00	21.1	14.4	(0.7)	33.9	12/9/19 1:00	12.3	(4.2)	0.0	9.5
12/8/19 12:15	(8.7)	14.9	(0.4)	7.8	12/9/19 1:15	10.3	(15.0)	(0.0)	(8.6)
12/8/19 12:30	(26.0)	26.8	2.0	8.1	12/9/19 1:30	(22.3)	3.1	0.1	(19.4)
12/8/19 12:45	14.4	24.0	4.4	34.4	12/9/19 1:45	23.2	(27.3)	0.0	(10.2)
12/8/19 13:00	(13.4)	(4.4)	2.6	(15.1)	12/9/19 2:00	(5.2)	(3.2)	0.0	(3.2)
12/8/19 13:15	(13.7)	(15.9)	1.5	(27.9)	12/9/19 2:15	(20.4)	5.1	0.0	(15.6)
12/8/19 13:30	(18.1)	(5.2)	3.0	(21.1)	12/9/19 2:30	23.5	(10.3)	(0.0)	14.6
12/8/19 13:45	5.6	13.6	2.3	19.8	12/9/19 2:45	3.0	(4.7)	0.0	(1.8)
12/8/19 14:00	12.8	20.6	(3.2)	29.1	12/9/19 3:00	(20.4)	9.6	0.0	(11.1)
12/8/19 14:15	(14.2)	24.6	(1.8)	19.8	12/9/19 3:15	28.7	9.5	(0.0)	28.4
12/8/19 14:30	38.6	8.8	(1.3)	46.1	12/9/19 3:30	18.6	(4.1)	0.0	16.8
12/8/19 14:45	26.4	20.5	1.5	44.7	12/9/19 3:45	15.0	6.7	(0.0)	17.0
12/8/19 15:00	(22.8)	13.4	1.9	11.2	12/9/19 4:00	27.1	(24.9)	(0.0)	(5.7)
12/8/19 15:15	41.4	3.5	3.0	48.0	12/9/19 4:15	25.2	(31.3)	(0.0)	(7.5)
12/8/19 15:30	28.5	7.7	0.6	36.4	12/9/19 4:30	6.6	(19.6)	(0.0)	(18.4)
12/8/19 15:45	(14.8)	13.2	4.6	9.9	12/9/19 4:45	14.9	(14.6)	0.0	(18.9)
12/8/19 16:00	47.3	8.7	6.2	62.2	12/9/19 5:00	11.7	11.9	(0.0)	18.7
12/8/19 16:15	25.4	9.2	2.3	36.9	12/9/19 5:15	73.1	(46.8)	(0.0)	26.8
12/8/19 16:30	32.5	13.6	2.2	48.3	12/9/19 5:30	37.7	9.7	0.0	46.7
12/8/19 16:45	69.4	11.9	0.4	81.8	12/9/19 5:45	35.2	(14.4)	(0.0)	31.7
12/8/19 17:00	76.0	(17.9)	0.0	58.1	12/9/19 6:00	66.0	(33.2)	(0.0)	32.8
12/8/19 17:15	28.0	(33.1)	(0.0)	(8.9)	12/9/19 6:15	38.9	(20.6)	0.0	28.2
12/8/19 17:30	(9.6)	(33.5)	(0.0)	(36.7)	12/9/19 6:30	16.7	66.1	(0.0)	75.9
12/8/19 17:45	30.6	(30.4)	(0.0)	7.3	12/9/19 6:45	50.4	34.3	(0.0)	84.7
12/8/19 18:00	(7.5)	(17.3)	0.0	(18.6)	12/9/19 7:00	(14.2)	4.3	0.0	(17.7)
12/8/19 18:15	(27.1)	(34.0)	(0.0)	(61.1)	12/9/19 7:15	3.4	17.9	(1.1)	17.4
12/8/19 18:30	(17.6)	(6.3)	0.0	(22.4)	12/9/19 7:30	13.7	69.3	(5.0)	72.6
12/8/19 18:45	(8.3)	(56.1)	(0.0)	(58.5)	12/9/19 7:45	(6.1)	70.9	(8.9)	55.9
12/8/19 19:00	(29.2)	(111.1)	(0.0)	(140.3)	12/9/19 8:00	(38.5)	63.5	(8.5)	16.5
12/8/19 19:15	(44.3)	(143.3)	(0.0)	(186.4)	12/9/19 8:15	(24.3)	54.9	(4.3)	27.5
12/8/19 19:30	17.4	(128.7)	0.0	(111.6)	12/9/19 8:30	(23.7)	41.8	(6.3)	11.8
12/8/19 19:45	(2.6)	(87.3)	(0.0)	(89.8)	12/9/19 8:45	(22.7)	(7.0)	(2.7)	(27.6)
12/8/19 20:00	(32.4)	(90.6)	(0.0)	(122.9)	12/9/19 9:00	(23.5)	(13.7)	(17.0)	(53.0)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/9/19 9:15	17.3	(23.1)	8.6	12.7	12/9/19 22:15	(16.9)	(1.9)	(0.0)	(18.5)
12/9/19 9:30	(17.4)	(9.6)	(3.9)	(28.0)	12/9/19 22:30	(32.4)	(8.8)	0.0	(38.8)
12/9/19 9:45	(21.0)	(21.3)	(19.6)	(57.1)	12/9/19 22:45	(60.3)	(51.3)	0.0	(111.5)
12/9/19 10:00	23.4	6.2	(7.3)	22.3	12/9/19 23:00	(17.2)	(65.9)	(0.0)	(83.1)
12/9/19 10:15	(10.8)	(17.7)	(1.4)	(26.7)	12/9/19 23:15	9.7	(63.1)	(0.0)	(57.3)
12/9/19 10:30	(31.2)	(12.3)	(11.3)	(53.6)	12/9/19 23:30	(11.8)	(22.8)	(0.0)	(30.0)
12/9/19 10:45	26.4	(23.7)	0.6	(9.2)	12/9/19 23:45	(5.8)	(14.9)	(0.0)	(18.9)
12/9/19 11:00	8.1	20.1	(4.8)	20.0	12/10/19 0:00	(19.4)	(7.6)	(0.0)	(27.0)
12/9/19 11:15	(13.9)	4.6	8.3	16.7	12/10/19 0:15	(48.3)	(6.3)	0.0	(53.7)
12/9/19 11:30	(15.3)	19.2	(2.6)	21.4	12/10/19 0:30	39.1	11.4	0.0	50.1
12/9/19 11:45	5.5	35.7	(5.4)	31.5	12/10/19 0:45	(6.8)	42.5	0.0	38.8
12/9/19 12:00	(30.0)	51.1	(2.8)	18.4	12/10/19 1:00	(22.2)	29.0	(0.0)	14.5
12/9/19 12:15	(45.7)	37.2	3.4	(10.6)	12/10/19 1:15	(10.4)	14.3	0.0	16.4
12/9/19 12:30	6.0	17.4	(2.5)	19.8	12/10/19 1:30	7.2	(5.7)	0.0	4.0
12/9/19 12:45	5.0	36.3	(2.7)	38.6	12/10/19 1:45	(7.1)	(3.2)	(0.0)	(10.1)
12/9/19 13:00	16.5	18.4	(2.2)	33.0	12/10/19 2:00	(27.2)	(4.7)	(0.0)	(31.1)
12/9/19 13:15	32.7	24.9	7.0	63.3	12/10/19 2:15	1.6	16.4	0.0	17.4
12/9/19 13:30	15.2	10.4	14.9	40.5	12/10/19 2:30	(6.7)	16.7	0.0	10.0
12/9/19 13:45	10.4	30.4	12.7	50.4	12/10/19 2:45	4.2	42.6	0.0	46.0
12/9/19 14:00	(18.2)	35.0	(4.4)	17.5	12/10/19 3:00	6.3	66.7	0.0	73.0
12/9/19 14:15	14.9	19.0	(5.5)	27.4	12/10/19 3:15	5.1	66.9	(0.0)	72.0
12/9/19 14:30	7.9	35.1	(4.8)	38.2	12/10/19 3:30	2.7	34.0	0.0	36.5
12/9/19 14:45	(20.6)	36.9	4.1	20.9	12/10/19 3:45	7.4	18.8	0.0	26.2
12/9/19 15:00	33.6	44.7	6.1	83.5	12/10/19 4:00	15.0	46.6	0.0	61.6
12/9/19 15:15	22.8	56.1	9.2	88.1	12/10/19 4:15	17.0	57.3	(0.0)	74.2
12/9/19 15:30	(11.8)	52.1	5.7	53.1	12/10/19 4:30	18.2	75.6	0.0	93.8
12/9/19 15:45	35.5	44.2	12.6	92.3	12/10/19 4:45	(36.7)	51.6	(0.0)	19.2
12/9/19 16:00	21.0	34.3	17.1	72.3	12/10/19 5:00	27.1	33.7	0.0	55.7
12/9/19 16:15	7.8	21.4	14.3	40.7	12/10/19 5:15	27.0	33.3	(0.0)	60.3
12/9/19 16:30	67.7	(3.7)	4.4	70.8	12/10/19 5:30	38.5	26.7	0.0	65.3
12/9/19 16:45	73.1	(12.4)	1.2	61.8	12/10/19 5:45	41.3	21.0	(0.0)	62.3
12/9/19 17:00	51.1	(2.1)	0.0	49.4	12/10/19 6:00	48.8	23.8	0.0	72.7
12/9/19 17:15	(14.3)	(5.6)	(0.0)	(16.2)	12/10/19 6:15	44.6	16.0	(0.0)	60.6
12/9/19 17:30	25.9	(12.9)	0.0	13.0	12/10/19 6:30	60.4	18.0	(0.0)	78.3
12/9/19 17:45	6.2	(3.7)	(0.0)	4.3	12/10/19 6:45	40.1	18.9	(0.0)	59.0
12/9/19 18:00	5.5	(13.8)	(0.0)	(13.8)	12/10/19 7:00	15.7	9.5	(0.0)	25.2
12/9/19 18:15	12.1	(19.8)	0.0	(11.5)	12/10/19 7:15	6.4	(3.4)	(1.6)	3.7
12/9/19 18:30	4.3	(34.9)	0.0	(34.1)	12/10/19 7:30	(5.5)	(16.1)	(6.5)	(28.0)
12/9/19 18:45	(23.5)	(49.0)	(0.0)	(72.5)	12/10/19 7:45	(11.6)	(33.8)	(15.0)	(60.4)
12/9/19 19:00	(22.5)	(50.3)	(0.0)	(63.3)	12/10/19 8:00	(12.2)	(25.4)	(18.0)	(55.6)
12/9/19 19:15	(10.3)	(49.1)	0.0	(55.8)	12/10/19 8:15	(9.4)	(10.5)	(10.7)	(30.6)
12/9/19 19:30	(17.7)	(36.3)	(0.0)	(53.3)	12/10/19 8:30	(6.1)	8.3	(26.3)	(23.9)
12/9/19 19:45	(35.2)	(24.5)	(0.0)	(59.7)	12/10/19 8:45	(16.3)	11.9	(16.7)	(21.0)
12/9/19 20:00	14.0	(36.4)	(0.0)	(28.1)	12/10/19 9:00	(10.5)	9.0	(5.7)	(7.4)
12/9/19 20:15	(18.1)	(28.0)	0.0	(46.1)	12/10/19 9:15	(10.3)	(8.9)	0.8	(18.7)
12/9/19 20:30	(41.1)	(24.7)	0.0	(65.7)	12/10/19 9:30	(15.7)	(21.8)	(1.0)	(38.4)
12/9/19 20:45	(32.8)	(20.2)	(0.0)	(53.0)	12/10/19 9:45	(9.1)	4.2	0.5	(5.5)
12/9/19 21:00	(14.4)	(38.7)	0.0	(51.1)	12/10/19 10:00	(8.3)	(2.2)	1.4	(9.1)
12/9/19 21:15	(18.6)	(21.8)	(0.0)	(40.5)	12/10/19 10:15	(5.1)	9.5	2.4	7.1
12/9/19 21:30	(57.7)	(20.9)	0.0	(78.7)	12/10/19 10:30	31.9	5.7	6.0	42.6
12/9/19 21:45	(32.5)	(13.4)	(0.0)	(45.1)	12/10/19 10:45	(16.2)	(2.7)	5.0	(16.1)
12/9/19 22:00	(58.0)	10.2	(0.0)	(48.6)	12/10/19 11:00	(8.5)	8.1	(4.1)	(4.5)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/10/19 11:15	(13.7)	13.0	(1.7)	13.0	12/11/19 0:15	(7.4)	12.1	0.1	7.8
12/10/19 11:30	(21.7)	11.7	1.0	(10.2)	12/11/19 0:30	(42.9)	(5.8)	0.1	(48.7)
12/10/19 11:45	20.1	13.0	0.4	32.5	12/11/19 0:45	17.7	(3.7)	(0.0)	14.5
12/10/19 12:00	(14.6)	2.9	0.9	(14.4)	12/11/19 1:00	(6.8)	7.4	(0.0)	3.1
12/10/19 12:15	(18.7)	(4.3)	0.9	(20.2)	12/11/19 1:15	(35.9)	(0.8)	(0.0)	(36.5)
12/10/19 12:30	(20.1)	(17.6)	(1.3)	(32.4)	12/11/19 1:30	18.2	2.0	0.0	19.0
12/10/19 12:45	22.8	(19.6)	3.7	14.2	12/11/19 1:45	(6.4)	(6.4)	(0.0)	(11.8)
12/10/19 13:00	(5.7)	(10.3)	(4.4)	(18.2)	12/11/19 2:00	(24.8)	6.3	(0.0)	(19.8)
12/10/19 13:15	(4.6)	(11.4)	(1.1)	(13.8)	12/11/19 2:15	22.9	13.2	(0.0)	33.9
12/10/19 13:30	(30.1)	(3.5)	(0.8)	(33.8)	12/11/19 2:30	7.3	10.4	0.0	14.3
12/10/19 13:45	15.9	(13.9)	(1.9)	(9.1)	12/11/19 2:45	4.8	3.2	0.0	7.1
12/10/19 14:00	9.4	2.1	(1.1)	9.7	12/11/19 3:00	(24.2)	(14.0)	(0.0)	(37.6)
12/10/19 14:15	(25.9)	(1.6)	(0.6)	(27.8)	12/11/19 3:15	28.0	(23.5)	(0.0)	12.1
12/10/19 14:30	4.2	(12.5)	(1.0)	(12.3)	12/11/19 3:30	13.7	(20.2)	(0.0)	(6.5)
12/10/19 14:45	22.2	(15.7)	3.6	13.6	12/11/19 3:45	(16.3)	(24.3)	(0.0)	(38.6)
12/10/19 15:00	31.8	(18.3)	6.5	20.7	12/11/19 4:00	31.2	(21.1)	(0.0)	14.1
12/10/19 15:15	12.6	(16.3)	23.4	18.7	12/11/19 4:15	27.7	(11.7)	(0.0)	16.9
12/10/19 15:30	44.2	(10.4)	5.8	39.6	12/11/19 4:30	10.2	4.7	0.0	13.5
12/10/19 15:45	29.9	(13.2)	18.9	35.7	12/11/19 4:45	36.0	(7.3)	(0.0)	29.1
12/10/19 16:00	(18.3)	(29.4)	17.1	(29.4)	12/11/19 5:00	29.3	(33.3)	0.0	(8.0)
12/10/19 16:15	44.9	(41.3)	14.7	24.3	12/11/19 5:15	30.2	(30.2)	(0.0)	(11.5)
12/10/19 16:30	62.9	(38.1)	4.8	29.6	12/11/19 5:30	31.3	(45.7)	(0.0)	(21.8)
12/10/19 16:45	62.4	(43.5)	0.9	19.9	12/11/19 5:45	40.1	(24.5)	(0.0)	15.5
12/10/19 17:00	16.5	(63.3)	0.1	(51.6)	12/11/19 6:00	47.1	(7.7)	(0.0)	40.6
12/10/19 17:15	13.1	(49.0)	(0.0)	(37.6)	12/11/19 6:15	18.0	(24.2)	(0.0)	(11.7)
12/10/19 17:30	28.9	(18.9)	0.0	11.8	12/11/19 6:30	44.9	3.3	(0.0)	47.4
12/10/19 17:45	6.7	(15.3)	(0.0)	(15.6)	12/11/19 6:45	45.2	(16.7)	0.1	28.6
12/10/19 18:00	(21.8)	(26.7)	0.0	(47.1)	12/11/19 7:00	43.1	(46.2)	(0.1)	(13.8)
12/10/19 18:15	6.4	(17.2)	0.0	(13.4)	12/11/19 7:15	22.2	(55.5)	(0.9)	(34.2)
12/10/19 18:30	(5.0)	(35.1)	(0.0)	(39.1)	12/11/19 7:30	(29.3)	(53.2)	(3.2)	(82.8)
12/10/19 18:45	(27.6)	(28.0)	0.0	(55.6)	12/11/19 7:45	(18.2)	(43.5)	(9.8)	(63.6)
12/10/19 19:00	20.7	(23.5)	(0.1)	(11.6)	12/11/19 8:00	(19.9)	(61.0)	(9.4)	(85.8)
12/10/19 19:15	(15.7)	4.6	0.1	(12.2)	12/11/19 8:15	9.0	(72.1)	(18.1)	(88.8)
12/10/19 19:30	(38.9)	(19.6)	(0.1)	(58.6)	12/11/19 8:30	(40.4)	(32.3)	(16.5)	(89.2)
12/10/19 19:45	20.1	(10.2)	(0.0)	12.7	12/11/19 8:45	(9.5)	(17.7)	(20.7)	(40.7)
12/10/19 20:00	6.2	1.9	(0.0)	7.8	12/11/19 9:00	(5.0)	3.6	19.8	23.3
12/10/19 20:15	(15.6)	26.0	(0.0)	19.7	12/11/19 9:15	(25.5)	(23.6)	10.5	(38.7)
12/10/19 20:30	(24.3)	72.2	(0.0)	49.9	12/11/19 9:30	(10.0)	(25.7)	(11.5)	(38.3)
12/10/19 20:45	(16.4)	71.5	0.0	56.0	12/11/19 9:45	(14.6)	(7.2)	(15.2)	(32.9)
12/10/19 21:00	(32.9)	43.5	(0.0)	14.9	12/11/19 10:00	(19.1)	(20.7)	(7.3)	(46.9)
12/10/19 21:15	(32.7)	47.4	0.0	22.0	12/11/19 10:15	40.8	2.7	5.9	48.6
12/10/19 21:30	(24.7)	48.9	0.0	24.2	12/11/19 10:30	31.8	42.8	(3.5)	71.7
12/10/19 21:45	(42.3)	39.9	0.0	(11.7)	12/11/19 10:45	35.3	(21.5)	6.3	20.5
12/10/19 22:00	(50.5)	24.5	(0.1)	(30.0)	12/11/19 11:00	(16.3)	(3.2)	(1.9)	(17.9)
12/10/19 22:15	(26.5)	19.1	0.1	(11.0)	12/11/19 11:15	27.1	(4.9)	(5.7)	19.4
12/10/19 22:30	(43.8)	17.3	(0.1)	(27.4)	12/11/19 11:30	(6.8)	25.3	(3.9)	17.3
12/10/19 22:45	(67.1)	30.1	(0.0)	(41.8)	12/11/19 11:45	(18.1)	13.9	(2.9)	(13.0)
12/10/19 23:00	(6.1)	37.2	(0.0)	34.3	12/11/19 12:00	10.8	14.6	20.3	43.6
12/10/19 23:15	(18.0)	13.3	0.1	(5.3)	12/11/19 12:15	5.2	16.6	(16.1)	5.1
12/10/19 23:30	(45.4)	(1.3)	(0.1)	(46.3)	12/11/19 12:30	(11.0)	5.5	9.4	10.6
12/10/19 23:45	(29.9)	(7.5)	(0.0)	(36.7)	12/11/19 12:45	(26.6)	(5.0)	(3.0)	(33.2)
12/11/19 0:00	(8.6)	12.7	(0.0)	11.6	12/11/19 13:00	(64.6)	9.6	(2.1)	(58.2)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/11/19 13:15	(15.1)	20.0	(10.8)	(5.8)	12/12/19 2:15	11.2	35.8	0.0	40.5
12/11/19 13:30	(24.2)	46.5	13.0	38.9	12/12/19 2:30	(36.8)	44.3	(0.0)	8.8
12/11/19 13:45	10.2	(27.0)	7.3	(11.4)	12/12/19 2:45	(15.8)	68.8	0.0	61.1
12/11/19 14:00	(15.6)	(17.1)	24.2	10.1	12/12/19 3:00	(12.4)	54.3	(0.0)	52.4
12/11/19 14:15	(15.9)	12.6	(4.6)	(8.2)	12/12/19 3:15	(4.3)	24.2	0.0	20.7
12/11/19 14:30	34.0	9.9	15.0	55.8	12/12/19 3:30	(17.9)	27.3	0.0	17.3
12/11/19 14:45	11.1	27.1	6.8	41.9	12/12/19 3:45	23.5	48.4	(0.0)	71.9
12/11/19 15:00	(29.1)	5.5	1.7	(22.7)	12/12/19 4:00	19.8	33.8	0.0	53.6
12/11/19 15:15	(17.2)	(7.3)	4.2	(16.3)	12/12/19 4:15	17.2	51.9	0.0	69.1
12/11/19 15:30	25.4	(12.2)	3.3	17.6	12/12/19 4:30	19.0	24.2	0.0	43.1
12/11/19 15:45	19.8	17.0	3.1	38.9	12/12/19 4:45	5.2	9.2	(0.0)	14.4
12/11/19 16:00	(12.2)	22.8	(2.5)	13.7	12/12/19 5:00	(21.2)	10.3	(0.0)	(12.5)
12/11/19 16:15	50.5	4.7	8.5	63.4	12/12/19 5:15	10.3	(9.8)	0.0	(3.4)
12/11/19 16:30	40.9	27.9	3.1	71.9	12/12/19 5:30	34.2	(13.8)	(0.0)	21.9
12/11/19 16:45	62.0	14.1	0.7	76.8	12/12/19 5:45	20.8	(4.4)	0.0	18.7
12/11/19 17:00	75.9	16.3	0.0	92.2	12/12/19 6:00	57.2	8.6	(0.0)	62.2
12/11/19 17:15	32.2	53.8	(0.0)	85.9	12/12/19 6:15	25.1	(13.2)	0.0	18.0
12/11/19 17:30	23.2	11.7	0.0	34.9	12/12/19 6:30	73.9	(2.9)	(0.0)	71.6
12/11/19 17:45	(13.2)	19.6	(0.0)	17.8	12/12/19 6:45	38.0	8.8	0.0	46.6
12/11/19 18:00	14.1	9.7	0.0	21.7	12/12/19 7:00	23.3	(44.4)	(0.0)	(21.8)
12/11/19 18:15	(17.5)	(32.0)	(0.0)	(49.5)	12/12/19 7:15	44.3	(67.5)	(1.2)	(24.4)
12/11/19 18:30	(21.4)	(36.8)	(0.0)	(58.3)	12/12/19 7:30	9.4	16.5	(2.7)	11.7
12/11/19 18:45	10.1	(29.8)	(0.0)	(26.4)	12/12/19 7:45	(10.5)	27.5	(11.6)	15.5
12/11/19 19:00	(15.2)	(82.9)	(0.0)	(98.1)	12/12/19 8:00	13.4	(3.3)	(5.4)	9.0
12/11/19 19:15	(36.9)	(91.1)	0.0	(124.2)	12/12/19 8:15	(10.8)	10.4	(2.3)	(6.0)
12/11/19 19:30	(10.5)	(42.2)	(0.0)	(45.5)	12/12/19 8:30	(19.5)	39.4	(20.4)	9.9
12/11/19 19:45	7.1	(29.0)	0.0	(28.1)	12/12/19 8:45	29.4	39.1	9.9	78.3
12/11/19 20:00	(4.4)	(76.1)	0.0	(80.5)	12/12/19 9:00	9.6	17.1	14.3	39.0
12/11/19 20:15	(18.3)	(39.4)	(0.0)	(57.3)	12/12/19 9:15	(54.0)	(4.2)	(8.1)	(65.0)
12/11/19 20:30	(10.1)	(42.1)	(0.0)	(50.7)	12/12/19 9:30	(7.1)	(27.5)	(31.6)	(63.8)
12/11/19 20:45	(19.1)	(20.2)	(0.0)	(38.6)	12/12/19 9:45	(5.4)	(11.5)	20.4	8.2
12/11/19 21:00	(41.3)	13.3	0.0	(28.1)	12/12/19 10:00	15.1	12.1	(12.1)	14.0
12/11/19 21:15	(12.9)	38.5	(0.0)	25.9	12/12/19 10:15	10.2	(47.3)	(8.0)	(54.8)
12/11/19 21:30	(27.7)	5.9	0.0	(23.6)	12/12/19 10:30	(29.5)	(113.7)	(2.6)	(145.5)
12/11/19 21:45	(60.5)	11.4	(0.0)	(49.7)	12/12/19 10:45	(44.8)	(127.6)	4.7	(167.8)
12/11/19 22:00	17.6	26.9	(0.0)	34.9	12/12/19 11:00	(12.9)	(36.6)	(27.3)	(64.7)
12/11/19 22:15	11.5	(16.6)	(0.0)	(19.3)	12/12/19 11:15	(22.4)	36.1	(2.3)	25.4
12/11/19 22:30	(44.9)	(21.6)	(0.0)	(60.1)	12/12/19 11:30	(34.2)	(33.8)	16.4	(50.5)
12/11/19 22:45	(64.9)	73.3	0.0	13.1	12/12/19 11:45	27.4	(88.0)	2.5	(60.4)
12/11/19 23:00	(35.5)	14.9	0.0	(23.1)	12/12/19 12:00	(10.8)	(16.8)	(5.0)	(30.2)
12/11/19 23:15	(8.8)	80.7	(0.0)	71.9	12/12/19 12:15	(28.9)	13.0	(19.0)	(37.4)
12/11/19 23:30	16.4	(21.1)	(0.0)	(5.5)	12/12/19 12:30	18.4	26.3	(1.1)	44.6
12/11/19 23:45	(21.6)	(5.9)	(0.0)	(23.4)	12/12/19 12:45	16.2	(14.1)	8.8	16.3
12/12/19 0:00	(18.2)	(11.2)	(0.0)	(23.0)	12/12/19 13:00	(50.9)	(27.2)	(0.2)	(78.2)
12/12/19 0:15	14.8	(40.8)	0.0	(26.3)	12/12/19 13:15	4.6	(20.6)	(2.0)	(18.0)
12/12/19 0:30	(8.6)	(22.5)	0.0	(28.5)	12/12/19 13:30	4.8	21.1	1.2	26.4
12/12/19 0:45	(9.1)	12.4	0.0	5.2	12/12/19 13:45	10.2	38.5	1.0	49.6
12/12/19 1:00	(22.7)	20.1	0.0	(6.7)	12/12/19 14:00	12.0	33.6	(1.2)	44.5
12/12/19 1:15	(18.6)	24.8	(0.0)	15.6	12/12/19 14:15	46.2	44.7	(3.7)	87.3
12/12/19 1:30	8.5	7.9	0.0	8.7	12/12/19 14:30	(8.9)	26.0	1.7	23.8
12/12/19 1:45	(3.9)	24.4	(0.0)	20.5	12/12/19 14:45	11.5	9.4	0.5	21.4
12/12/19 2:00	(19.2)	54.6	(0.0)	37.8	12/12/19 15:00	(23.3)	27.5	2.2	11.9

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/12/19 15:15	22.2	40.8	14.4	75.8	12/13/19 4:15	(7.8)	86.8	0.0	83.7
12/12/19 15:30	10.2	27.4	17.5	55.2	12/13/19 4:30	(34.6)	108.2	0.0	74.2
12/12/19 15:45	5.4	8.2	16.0	28.1	12/13/19 4:45	10.2	101.9	0.0	112.2
12/12/19 16:00	(14.1)	(12.4)	15.4	(10.7)	12/13/19 5:00	(16.9)	16.7	(0.0)	10.6
12/12/19 16:15	44.9	(49.8)	13.6	11.3	12/13/19 5:15	18.7	(5.2)	0.0	16.6
12/12/19 16:30	51.2	(30.9)	4.8	25.8	12/13/19 5:30	49.4	(10.1)	0.0	46.3
12/12/19 16:45	48.7	10.1	1.0	59.4	12/13/19 5:45	11.7	(20.5)	(0.0)	(22.5)
12/12/19 17:00	66.3	16.9	0.1	83.3	12/13/19 6:00	65.3	30.4	(0.0)	95.7
12/12/19 17:15	6.3	7.7	(0.0)	13.9	12/13/19 6:15	71.4	5.4	0.0	74.0
12/12/19 17:30	(18.2)	24.0	(0.0)	11.9	12/13/19 6:30	24.6	(11.7)	(0.0)	13.5
12/12/19 17:45	26.3	20.9	(0.0)	46.0	12/13/19 6:45	58.7	11.9	0.1	70.6
12/12/19 18:00	(6.9)	5.3	0.0	(5.1)	12/13/19 7:00	29.6	10.4	(0.1)	38.7
12/12/19 18:15	(23.4)	2.4	0.0	(22.4)	12/13/19 7:15	11.1	27.5	(0.6)	32.9
12/12/19 18:30	10.6	4.7	(0.0)	11.7	12/13/19 7:30	(24.4)	(8.0)	(4.1)	(25.4)
12/12/19 18:45	(19.8)	5.0	0.0	(19.8)	12/13/19 7:45	11.4	(55.0)	(9.9)	(56.0)
12/12/19 19:00	(33.2)	(15.2)	0.0	(48.5)	12/13/19 8:00	(5.8)	(86.4)	(15.7)	(104.8)
12/12/19 19:15	(12.8)	5.3	(0.0)	(8.9)	12/13/19 8:15	(37.7)	(90.3)	(21.9)	(149.9)
12/12/19 19:30	(12.7)	(10.8)	(0.0)	(23.1)	12/13/19 8:30	(14.9)	11.4	(4.1)	(18.1)
12/12/19 19:45	16.6	22.1	0.0	38.5	12/13/19 8:45	(8.5)	(40.9)	(4.6)	(49.1)
12/12/19 20:00	(29.2)	52.4	(0.0)	31.1	12/13/19 9:00	(16.0)	(37.1)	3.3	(52.7)
12/12/19 20:15	(28.5)	17.5	(0.0)	(13.6)	12/13/19 9:15	(28.0)	(141.9)	(9.6)	(175.8)
12/12/19 20:30	(10.1)	(40.3)	(0.0)	(44.5)	12/13/19 9:30	23.7	(168.6)	(18.3)	(163.2)
12/12/19 20:45	(12.1)	23.8	(0.0)	16.7	12/13/19 9:45	29.6	(78.7)	(6.4)	(55.5)
12/12/19 21:00	(56.1)	61.5	(0.0)	5.4	12/13/19 10:00	13.9	30.9	10.5	53.6
12/12/19 21:15	(28.7)	23.8	0.0	(17.6)	12/13/19 10:15	18.9	(63.5)	(6.7)	(48.0)
12/12/19 21:30	(44.3)	(19.9)	0.0	(64.2)	12/13/19 10:30	(5.5)	(3.7)	(3.5)	(10.6)
12/12/19 21:45	(34.2)	(3.7)	0.0	(37.9)	12/13/19 10:45	(21.7)	(1.4)	(3.3)	(20.5)
12/12/19 22:00	(38.0)	(25.1)	(0.0)	(63.1)	12/13/19 11:00	16.3	(15.4)	6.5	(7.3)
12/12/19 22:15	(24.5)	(19.1)	(0.0)	(42.9)	12/13/19 11:15	19.9	(55.2)	2.5	(34.5)
12/12/19 22:30	(40.4)	8.9	(0.0)	(33.8)	12/13/19 11:30	20.2	(17.2)	(3.1)	(8.1)
12/12/19 22:45	(40.8)	(46.1)	0.0	(86.9)	12/13/19 11:45	24.9	(21.4)	5.9	9.5
12/12/19 23:00	(35.4)	21.7	(0.0)	(18.6)	12/13/19 12:00	(10.5)	(13.5)	4.7	(12.5)
12/12/19 23:15	(6.9)	(20.9)	0.0	(24.0)	12/13/19 12:15	20.3	(41.3)	5.0	(18.7)
12/12/19 23:30	30.4	(74.2)	0.0	(45.0)	12/13/19 12:30	11.5	(29.8)	14.6	(8.4)
12/12/19 23:45	(8.1)	(67.9)	0.0	(76.1)	12/13/19 12:45	(4.3)	(12.5)	9.2	5.7
12/13/19 0:00	(13.5)	(23.0)	(0.0)	(36.5)	12/13/19 13:00	(13.3)	44.5	(26.2)	8.7
12/13/19 0:15	(14.4)	(39.6)	(0.0)	(53.9)	12/13/19 13:15	19.2	(6.6)	(7.5)	6.7
12/13/19 0:30	(12.6)	(24.0)	0.0	(36.1)	12/13/19 13:30	20.0	(11.4)	(2.7)	7.2
12/13/19 0:45	20.9	27.4	0.0	47.1	12/13/19 13:45	(32.7)	21.4	(4.1)	(13.7)
12/13/19 1:00	22.3	(32.0)	(0.0)	(11.7)	12/13/19 14:00	28.5	(13.6)	4.3	17.4
12/13/19 1:15	13.3	(36.5)	(0.0)	(23.5)	12/13/19 14:15	(24.8)	16.6	(6.9)	(16.2)
12/13/19 1:30	(31.1)	32.1	0.0	(7.8)	12/13/19 14:30	16.1	(24.1)	16.7	(9.7)
12/13/19 1:45	19.6	(14.4)	(0.0)	18.2	12/13/19 14:45	21.1	(18.3)	10.2	14.3
12/13/19 2:00	(9.7)	(27.4)	(0.0)	(35.0)	12/13/19 15:00	(27.7)	40.3	(9.5)	5.1
12/13/19 2:15	17.4	(12.5)	0.0	7.9	12/13/19 15:15	41.7	(57.6)	28.8	14.6
12/13/19 2:30	(18.2)	15.8	(0.0)	(3.8)	12/13/19 15:30	23.4	(29.5)	16.3	10.3
12/13/19 2:45	10.9	(8.8)	0.0	(11.5)	12/13/19 15:45	25.0	(77.5)	17.7	(36.1)
12/13/19 3:00	6.2	(6.7)	(0.0)	(2.7)	12/13/19 16:00	13.7	(22.9)	5.5	(14.6)
12/13/19 3:15	(16.2)	21.5	0.0	8.5	12/13/19 16:15	39.1	10.5	7.8	57.4
12/13/19 3:30	11.4	13.8	0.0	21.2	12/13/19 16:30	8.0	8.7	1.9	18.5
12/13/19 3:45	16.8	56.4	0.0	73.3	12/13/19 16:45	20.3	53.0	0.7	74.0
12/13/19 4:00	(24.0)	155.5	(0.0)	134.6	12/13/19 17:00	59.4	77.8	0.1	137.2

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/13/19 17:15	(8.9)	61.4	0.0	52.7	12/14/19 6:15	(11.4)	(30.6)	(0.0)	(32.0)
12/13/19 17:30	5.5	65.1	0.0	69.0	12/14/19 6:30	38.1	(31.2)	0.0	11.0
12/13/19 17:45	(14.8)	39.1	(0.1)	24.7	12/14/19 6:45	32.8	(27.8)	0.0	7.1
12/13/19 18:00	(16.1)	64.2	(0.0)	56.6	12/14/19 7:00	14.5	(39.7)	0.0	(31.7)
12/13/19 18:15	(16.7)	70.3	0.0	56.5	12/14/19 7:15	24.1	(7.8)	(0.7)	16.3
12/13/19 18:30	(31.4)	12.4	(0.0)	(19.0)	12/14/19 7:30	(21.4)	(7.8)	(3.5)	(31.9)
12/13/19 18:45	(12.6)	18.5	0.0	20.6	12/14/19 7:45	31.0	(39.1)	(9.7)	(17.8)
12/13/19 19:00	(17.0)	27.9	0.0	14.6	12/14/19 8:00	(11.4)	(6.8)	(11.4)	(21.3)
12/13/19 19:15	(11.6)	50.6	(0.0)	39.0	12/14/19 8:15	(16.1)	27.0	(18.3)	(10.4)
12/13/19 19:30	(38.5)	36.7	(0.0)	(14.0)	12/14/19 8:30	19.6	26.9	(14.3)	29.9
12/13/19 19:45	18.8	21.4	0.0	34.9	12/14/19 8:45	(12.9)	(9.9)	(17.5)	(30.1)
12/13/19 20:00	(66.9)	37.6	(0.0)	(34.4)	12/14/19 9:00	24.2	(36.7)	(6.7)	(19.2)
12/13/19 20:15	(8.5)	68.1	0.0	59.6	12/14/19 9:15	(18.7)	(29.2)	(7.6)	(50.5)
12/13/19 20:30	(33.1)	51.8	0.0	18.7	12/14/19 9:30	15.6	(28.2)	4.8	(24.5)
12/13/19 20:45	(12.3)	20.0	0.0	20.5	12/14/19 9:45	18.5	(19.6)	2.3	(13.4)
12/13/19 21:00	(10.2)	9.3	0.0	(4.6)	12/14/19 10:00	16.1	(32.6)	13.3	(8.7)
12/13/19 21:15	(18.7)	29.7	(0.0)	14.8	12/14/19 10:15	(31.7)	(13.9)	2.4	(43.5)
12/13/19 21:30	(6.8)	48.4	0.0	43.1	12/14/19 10:30	(8.4)	(4.9)	(2.7)	(10.9)
12/13/19 21:45	(28.7)	23.0	0.0	(9.2)	12/14/19 10:45	36.6	(22.1)	4.6	20.8
12/13/19 22:00	(25.2)	14.7	(0.0)	(11.6)	12/14/19 11:00	36.1	4.9	(3.5)	36.7
12/13/19 22:15	(42.6)	38.6	0.0	(6.7)	12/14/19 11:15	(13.2)	18.8	(5.6)	17.8
12/13/19 22:30	(48.2)	42.3	0.0	(7.7)	12/14/19 11:30	(39.3)	25.0	18.1	6.4
12/13/19 22:45	(32.8)	29.2	(0.0)	(3.6)	12/14/19 11:45	(14.6)	3.0	(9.9)	(20.5)
12/13/19 23:00	(12.8)	21.5	0.0	17.3	12/14/19 12:00	10.2	(22.1)	(9.5)	(27.0)
12/13/19 23:15	(18.8)	7.9	(0.0)	(16.7)	12/14/19 12:15	25.1	(19.0)	(5.9)	11.6
12/13/19 23:30	(16.0)	4.2	(0.0)	(13.6)	12/14/19 12:30	44.6	(13.2)	(3.7)	31.5
12/13/19 23:45	(40.2)	14.7	0.0	(25.5)	12/14/19 12:45	(14.3)	7.9	(9.1)	(14.6)
12/14/19 0:00	(12.0)	10.0	(0.0)	11.2	12/14/19 13:00	(11.6)	13.3	7.1	11.5
12/14/19 0:15	(23.6)	12.9	0.0	(10.7)	12/14/19 13:15	7.4	(5.4)	14.2	17.3
12/14/19 0:30	(20.0)	7.7	0.0	(13.3)	12/14/19 13:30	23.7	(6.7)	2.0	18.2
12/14/19 0:45	(25.8)	(6.0)	0.0	(31.6)	12/14/19 13:45	16.4	(8.3)	4.4	11.1
12/14/19 1:00	(12.2)	1.4	0.0	(12.5)	12/14/19 14:00	15.8	(2.5)	(5.8)	8.9
12/14/19 1:15	6.3	20.4	0.0	22.1	12/14/19 14:15	14.4	28.9	2.9	45.6
12/14/19 1:30	(26.1)	7.5	0.0	(20.7)	12/14/19 14:30	8.6	27.7	(4.0)	32.6
12/14/19 1:45	10.7	24.1	(0.0)	30.2	12/14/19 14:45	(13.3)	48.7	(9.6)	25.8
12/14/19 2:00	4.8	17.7	(0.0)	22.5	12/14/19 15:00	(9.7)	57.6	12.1	60.3
12/14/19 2:15	(21.5)	20.5	0.0	(6.9)	12/14/19 15:15	6.1	54.9	11.9	72.8
12/14/19 2:30	9.5	(4.9)	(0.0)	11.3	12/14/19 15:30	37.1	82.6	12.4	132.1
12/14/19 2:45	3.0	(3.9)	(0.0)	(6.3)	12/14/19 15:45	10.2	78.4	18.2	96.9
12/14/19 3:00	(23.5)	(5.2)	0.0	(28.6)	12/14/19 16:00	(11.7)	17.2	19.4	27.2
12/14/19 3:15	12.9	2.3	(0.0)	14.1	12/14/19 16:15	(9.8)	7.0	5.3	9.8
12/14/19 3:30	6.8	(12.9)	0.0	(8.1)	12/14/19 16:30	61.7	32.4	2.9	97.0
12/14/19 3:45	(34.4)	(31.3)	(0.0)	(65.3)	12/14/19 16:45	51.2	57.1	0.6	108.9
12/14/19 4:00	39.3	7.6	0.0	46.4	12/14/19 17:00	23.7	(54.4)	0.0	(40.1)
12/14/19 4:15	13.6	2.9	(0.0)	15.8	12/14/19 17:15	(11.8)	(75.4)	0.0	(82.9)
12/14/19 4:30	12.1	(12.7)	0.0	(6.8)	12/14/19 17:30	5.3	9.8	(0.0)	12.3
12/14/19 4:45	(17.2)	(35.4)	0.0	(47.5)	12/14/19 17:45	2.8	24.4	(0.0)	26.9
12/14/19 5:00	24.0	(31.1)	0.0	(12.1)	12/14/19 18:00	(3.7)	30.2	0.0	27.0
12/14/19 5:15	13.7	(47.1)	(0.0)	(33.5)	12/14/19 18:15	(8.6)	21.7	(0.0)	13.1
12/14/19 5:30	(8.4)	(63.4)	0.0	(63.5)	12/14/19 18:30	(9.5)	77.2	0.0	67.7
12/14/19 5:45	27.7	(72.8)	(0.0)	(45.1)	12/14/19 18:45	(17.2)	37.8	(0.0)	20.9
12/14/19 6:00	41.0	(50.8)	(0.0)	(14.9)	12/14/19 19:00	(8.4)	(9.5)	0.0	(17.7)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/14/19 19:15	15.9	(31.2)	(0.0)	(18.3)	12/15/19 8:15	23.9	(8.0)	(1.0)	16.2
12/14/19 19:30	10.3	(36.8)	0.0	(27.8)	12/15/19 8:30	(10.1)	(30.0)	(1.4)	(33.1)
12/14/19 19:45	(7.1)	(47.4)	(0.0)	(54.2)	12/15/19 8:45	25.4	(14.4)	(0.3)	14.2
12/14/19 20:00	(36.1)	(40.1)	(0.0)	(76.2)	12/15/19 9:00	11.8	(5.3)	(0.5)	7.8
12/14/19 20:15	13.5	(16.1)	(0.0)	(7.9)	12/15/19 9:15	(21.5)	26.3	(1.0)	7.5
12/14/19 20:30	(12.9)	23.0	0.0	14.3	12/15/19 9:30	(11.9)	12.6	(0.9)	10.2
12/14/19 20:45	(28.2)	12.1	(0.0)	(20.9)	12/15/19 9:45	6.4	(5.7)	(1.4)	(2.8)
12/14/19 21:00	(23.6)	(23.2)	0.0	(44.4)	12/15/19 10:00	8.6	6.3	(0.8)	13.5
12/14/19 21:15	(9.6)	(9.8)	0.0	(12.9)	12/15/19 10:15	(1.2)	11.9	(2.0)	9.8
12/14/19 21:30	(22.9)	29.2	(0.0)	10.0	12/15/19 10:30	2.6	(23.4)	(0.7)	(21.3)
12/14/19 21:45	(29.7)	38.8	0.0	18.4	12/15/19 10:45	3.6	(15.5)	(1.9)	(14.0)
12/14/19 22:00	(19.4)	18.8	0.0	11.2	12/15/19 11:00	(7.0)	7.6	(5.0)	(5.8)
12/14/19 22:15	(10.2)	39.0	0.0	28.8	12/15/19 11:15	(13.5)	42.0	(1.1)	27.8
12/14/19 22:30	(57.3)	32.5	(0.0)	(27.3)	12/15/19 11:30	26.0	51.0	1.7	77.3
12/14/19 22:45	(22.0)	30.2	0.0	25.3	12/15/19 11:45	(6.1)	59.2	(3.1)	53.3
12/14/19 23:00	(15.6)	33.0	(0.0)	17.5	12/15/19 12:00	(17.7)	50.3	2.5	35.1
12/14/19 23:15	(15.2)	(7.4)	(0.0)	(22.6)	12/15/19 12:15	11.7	83.5	(2.3)	82.7
12/14/19 23:30	(38.8)	(21.9)	0.0	(59.2)	12/15/19 12:30	14.3	70.8	(5.8)	79.3
12/14/19 23:45	(13.5)	(16.5)	0.0	(23.2)	12/15/19 12:45	(3.4)	86.4	(7.9)	78.3
12/15/19 0:00	(20.7)	7.7	0.0	(13.6)	12/15/19 13:00	(14.8)	37.6	(5.2)	19.6
12/15/19 0:15	(39.8)	(23.9)	(0.0)	(60.6)	12/15/19 13:15	(10.2)	23.4	4.3	23.6
12/15/19 0:30	(30.8)	(29.3)	(0.0)	(60.1)	12/15/19 13:30	(3.0)	43.9	(2.9)	41.6
12/15/19 0:45	19.3	(10.3)	0.0	10.6	12/15/19 13:45	(19.6)	30.6	8.7	19.6
12/15/19 1:00	(6.4)	(2.8)	(0.0)	(8.6)	12/15/19 14:00	(11.4)	25.3	(14.3)	5.9
12/15/19 1:15	(33.7)	(34.0)	0.0	(67.8)	12/15/19 14:15	18.1	13.6	6.7	38.2
12/15/19 1:30	10.4	(45.5)	0.0	(43.0)	12/15/19 14:30	14.0	1.0	8.5	23.5
12/15/19 1:45	(5.7)	(27.1)	0.0	(28.8)	12/15/19 14:45	11.7	5.3	(3.0)	15.6
12/15/19 2:00	(26.2)	(19.0)	0.0	(41.5)	12/15/19 15:00	16.7	9.4	8.7	34.8
12/15/19 2:15	(17.4)	(42.9)	(0.0)	(60.4)	12/15/19 15:15	21.1	3.5	3.7	28.2
12/15/19 2:30	(7.2)	(33.0)	0.0	(40.1)	12/15/19 15:30	17.5	6.3	2.4	26.2
12/15/19 2:45	18.2	(41.0)	(0.0)	(23.2)	12/15/19 15:45	16.2	9.9	3.4	29.5
12/15/19 3:00	25.8	(56.6)	(0.0)	(31.7)	12/15/19 16:00	27.6	2.5	5.2	34.7
12/15/19 3:15	69.8	(57.4)	0.0	17.8	12/15/19 16:15	27.8	2.2	2.6	32.2
12/15/19 3:30	(18.0)	(37.0)	(0.0)	(46.3)	12/15/19 16:30	73.9	(5.1)	1.3	70.6
12/15/19 3:45	42.0	(24.1)	(0.0)	20.4	12/15/19 16:45	65.2	(2.1)	0.1	64.2
12/15/19 4:00	34.8	(35.6)	0.0	(6.4)	12/15/19 17:00	39.1	(6.6)	0.0	35.5
12/15/19 4:15	(16.7)	(8.3)	0.0	(17.6)	12/15/19 17:15	(11.3)	4.2	0.0	10.4
12/15/19 4:30	22.7	(17.2)	0.0	6.9	12/15/19 17:30	(11.4)	2.1	(0.0)	(10.3)
12/15/19 4:45	12.1	9.4	(0.0)	19.1	12/15/19 17:45	31.3	2.3	(0.0)	33.6
12/15/19 5:00	(4.6)	11.0	0.0	11.8	12/15/19 18:00	9.6	0.4	0.0	9.8
12/15/19 5:15	(24.6)	(10.0)	0.0	(34.0)	12/15/19 18:15	(31.2)	(3.7)	(0.0)	(34.8)
12/15/19 5:30	11.3	(44.3)	0.0	(34.5)	12/15/19 18:30	19.6	(2.9)	0.0	17.4
12/15/19 5:45	13.7	(18.6)	(0.0)	(9.5)	12/15/19 18:45	(8.3)	(1.1)	(0.0)	(9.4)
12/15/19 6:00	17.1	(8.9)	0.0	11.0	12/15/19 19:00	(36.1)	6.2	0.0	(29.9)
12/15/19 6:15	44.2	(9.6)	(0.0)	44.1	12/15/19 19:15	(13.7)	3.1	0.0	(12.4)
12/15/19 6:30	28.4	(35.0)	0.0	(10.6)	12/15/19 19:30	19.3	21.1	(0.0)	40.4
12/15/19 6:45	21.7	(41.7)	0.0	(22.4)	12/15/19 19:45	(37.7)	1.8	0.0	(36.9)
12/15/19 7:00	(21.7)	32.8	(0.0)	14.3	12/15/19 20:00	(14.2)	(1.6)	0.0	(14.0)
12/15/19 7:15	(39.8)	43.8	0.0	8.8	12/15/19 20:15	(14.1)	2.7	(0.0)	(12.6)
12/15/19 7:30	11.2	54.4	(0.1)	61.1	12/15/19 20:30	(18.7)	2.9	0.0	(15.9)
12/15/19 7:45	(13.0)	53.9	(0.4)	49.1	12/15/19 20:45	(40.5)	(4.2)	(0.0)	(43.5)
12/15/19 8:00	40.0	13.7	(0.6)	53.1	12/15/19 21:00	(54.8)	(2.9)	(0.0)	(56.2)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/15/19 21:15	(7.7)	(2.7)	(0.0)	(9.3)	12/16/19 10:15	(17.8)	(3.0)	(9.5)	(29.4)
12/15/19 21:30	(26.3)	(3.7)	0.0	(27.7)	12/16/19 10:30	(15.7)	(16.1)	(5.9)	(34.0)
12/15/19 21:45	(22.6)	10.7	0.0	(14.2)	12/16/19 10:45	(19.6)	(41.4)	(7.1)	(68.0)
12/15/19 22:00	(49.4)	1.7	(0.0)	(47.9)	12/16/19 11:00	(33.6)	(25.8)	(4.7)	(64.2)
12/15/19 22:15	(38.1)	(2.0)	0.0	(40.1)	12/16/19 11:15	14.9	(27.1)	(8.1)	(27.2)
12/15/19 22:30	(37.7)	0.6	(0.0)	(37.6)	12/16/19 11:30	13.2	(12.6)	(2.0)	(14.6)
12/15/19 22:45	(60.3)	1.1	(0.0)	(59.3)	12/16/19 11:45	(13.7)	(20.7)	(1.0)	(33.1)
12/15/19 23:00	(15.8)	(3.9)	(0.0)	(19.7)	12/16/19 12:00	11.7	(38.1)	(3.1)	(39.9)
12/15/19 23:15	(5.0)	(10.3)	(0.0)	(12.3)	12/16/19 12:15	4.3	(35.7)	1.1	(31.4)
12/15/19 23:30	(8.3)	(9.2)	0.0	(15.8)	12/16/19 12:30	(31.0)	(31.0)	(1.1)	(60.7)
12/15/19 23:45	(4.7)	(5.5)	0.0	(7.0)	12/16/19 12:45	12.8	(22.7)	(1.5)	(21.1)
12/16/19 0:00	(11.6)	3.3	0.0	(8.4)	12/16/19 13:00	6.4	(36.6)	(1.9)	(35.8)
12/16/19 0:15	(43.2)	(4.2)	(0.0)	(47.4)	12/16/19 13:15	56.4	(7.1)	(3.1)	46.2
12/16/19 0:30	(17.9)	(14.8)	(0.0)	(32.8)	12/16/19 13:30	(13.9)	(9.3)	(0.7)	(22.5)
12/16/19 0:45	(10.6)	(21.2)	0.0	(24.7)	12/16/19 13:45	(11.8)	(15.8)	6.2	(17.0)
12/16/19 1:00	15.5	(25.2)	(0.0)	(17.8)	12/16/19 14:00	2.5	(12.5)	(5.2)	(18.6)
12/16/19 1:15	(2.2)	(3.9)	0.0	(6.0)	12/16/19 14:15	(17.3)	17.2	6.5	13.0
12/16/19 1:30	(16.7)	5.7	0.0	(12.5)	12/16/19 14:30	18.7	13.5	1.5	33.3
12/16/19 1:45	9.9	5.4	(0.0)	12.0	12/16/19 14:45	9.5	6.3	1.4	16.1
12/16/19 2:00	5.7	(4.1)	(0.0)	3.8	12/16/19 15:00	(15.6)	(5.1)	5.1	(16.1)
12/16/19 2:15	(17.0)	(13.4)	0.0	(30.5)	12/16/19 15:15	27.8	(12.7)	12.9	28.5
12/16/19 2:30	(32.6)	(47.5)	(0.0)	(70.3)	12/16/19 15:30	45.0	(12.7)	16.7	48.7
12/16/19 2:45	30.6	12.8	(0.0)	35.5	12/16/19 15:45	16.2	(8.2)	15.9	18.6
12/16/19 3:00	4.6	(9.0)	(0.0)	(5.6)	12/16/19 16:00	(21.0)	16.8	18.0	15.0
12/16/19 3:15	(14.7)	(41.7)	0.0	(51.8)	12/16/19 16:15	14.2	(10.1)	13.6	19.5
12/16/19 3:30	30.0	(22.3)	0.0	15.8	12/16/19 16:30	92.2	10.3	5.8	104.5
12/16/19 3:45	9.1	(20.8)	0.0	(11.7)	12/16/19 16:45	69.9	(42.2)	1.3	29.0
12/16/19 4:00	(11.0)	(6.1)	(0.0)	(11.7)	12/16/19 17:00	59.4	(29.2)	0.2	34.5
12/16/19 4:15	(9.1)	(3.8)	0.0	(9.5)	12/16/19 17:15	34.8	(18.3)	0.2	19.7
12/16/19 4:30	(10.4)	(16.0)	(0.0)	(18.7)	12/16/19 17:30	20.0	(35.3)	(0.0)	(19.4)
12/16/19 4:45	30.8	(14.7)	0.0	16.1	12/16/19 17:45	17.9	(32.8)	0.0	(16.2)
12/16/19 5:00	12.7	6.1	(0.0)	18.8	12/16/19 18:00	(26.8)	3.8	0.0	(26.1)
12/16/19 5:15	55.7	41.2	0.0	96.9	12/16/19 18:15	12.5	16.7	0.0	26.2
12/16/19 5:30	45.8	14.8	0.0	60.6	12/16/19 18:30	(5.3)	18.6	(0.0)	14.3
12/16/19 5:45	21.1	(6.2)	(0.0)	16.1	12/16/19 18:45	(19.5)	(21.2)	0.0	(40.6)
12/16/19 6:00	64.4	(4.9)	0.0	59.9	12/16/19 19:00	(14.4)	(27.9)	0.0	(35.1)
12/16/19 6:15	51.9	(13.9)	0.0	38.5	12/16/19 19:15	4.6	(7.3)	(0.0)	(6.4)
12/16/19 6:30	30.7	(24.7)	0.0	9.7	12/16/19 19:30	(24.0)	10.2	(0.0)	(17.0)
12/16/19 6:45	64.6	3.4	(0.0)	65.7	12/16/19 19:45	(18.1)	9.9	(0.0)	15.9
12/16/19 7:00	45.0	(34.3)	0.0	14.2	12/16/19 20:00	(13.1)	8.5	0.0	8.7
12/16/19 7:15	(25.3)	(26.7)	(0.0)	(49.1)	12/16/19 20:15	(11.1)	4.5	(0.0)	(7.3)
12/16/19 7:30	(22.7)	(8.9)	(0.2)	(29.3)	12/16/19 20:30	(42.9)	11.1	(0.0)	(31.8)
12/16/19 7:45	12.8	(16.1)	(0.9)	(12.5)	12/16/19 20:45	(15.9)	7.2	(0.0)	(12.0)
12/16/19 8:00	32.8	3.4	(1.4)	34.7	12/16/19 21:00	(23.7)	12.4	0.0	(19.2)
12/16/19 8:15	9.1	23.8	(3.5)	29.3	12/16/19 21:15	(34.1)	12.9	(0.0)	(25.8)
12/16/19 8:30	(19.9)	3.3	(2.6)	(19.7)	12/16/19 21:30	(8.8)	16.6	(0.0)	14.1
12/16/19 8:45	20.3	(5.1)	(3.4)	14.1	12/16/19 21:45	(64.6)	23.1	(0.0)	(42.5)
12/16/19 9:00	2.9	13.1	(8.5)	8.3	12/16/19 22:00	(26.4)	3.1	(0.0)	(23.7)
12/16/19 9:15	(30.1)	34.0	(8.2)	(12.5)	12/16/19 22:15	(31.4)	12.7	0.0	(19.3)
12/16/19 9:30	11.4	35.4	(9.5)	30.7	12/16/19 22:30	(38.9)	14.4	(0.0)	(24.5)
12/16/19 9:45	(12.0)	14.8	(4.2)	(5.3)	12/16/19 22:45	(53.0)	12.2	(0.0)	(41.2)
12/16/19 10:00	(33.3)	7.0	(8.4)	(36.0)	12/16/19 23:00	(19.3)	9.3	0.0	(13.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/16/19 23:15	19.0	(11.5)	(0.0)	10.4	12/17/19 12:15	28.3	(49.4)	(0.4)	(36.7)
12/16/19 23:30	(20.1)	(10.0)	(0.0)	(29.7)	12/17/19 12:30	17.9	(63.1)	0.4	(54.8)
12/16/19 23:45	(15.3)	7.5	(0.0)	(11.3)	12/17/19 12:45	9.4	(46.3)	(1.5)	(39.2)
12/17/19 0:00	(20.8)	(9.9)	0.0	(30.7)	12/17/19 13:00	(23.6)	(14.1)	0.5	(36.0)
12/17/19 0:15	(29.4)	(23.4)	(0.1)	(52.9)	12/17/19 13:15	23.1	38.8	(5.2)	56.7
12/17/19 0:30	(8.0)	(22.5)	0.1	(23.5)	12/17/19 13:30	(2.7)	37.8	(2.9)	32.3
12/17/19 0:45	(11.2)	(9.7)	0.0	(20.8)	12/17/19 13:45	(18.7)	22.0	(1.1)	16.1
12/17/19 1:00	(15.2)	(10.7)	0.0	(21.7)	12/17/19 14:00	13.4	(24.1)	(0.7)	(23.0)
12/17/19 1:15	19.1	(9.3)	0.0	13.9	12/17/19 14:15	(13.9)	(11.0)	(0.3)	(19.9)
12/17/19 1:30	(1.9)	(8.5)	(0.0)	(8.9)	12/17/19 14:30	(49.8)	32.9	0.9	(16.2)
12/17/19 1:45	(25.0)	(20.6)	0.0	(45.6)	12/17/19 14:45	18.8	41.6	2.9	61.6
12/17/19 2:00	(9.9)	(15.6)	0.0	(22.2)	12/17/19 15:00	8.8	42.2	6.0	56.7
12/17/19 2:15	28.3	(31.0)	(0.0)	(7.3)	12/17/19 15:15	(8.9)	40.6	15.0	52.9
12/17/19 2:30	(26.1)	(20.2)	0.0	(44.5)	12/17/19 15:30	(14.7)	68.7	15.9	69.8
12/17/19 2:45	30.0	12.1	(0.0)	40.4	12/17/19 15:45	59.2	70.1	18.7	148.1
12/17/19 3:00	4.5	(1.6)	0.0	5.8	12/17/19 16:00	14.3	21.7	17.1	52.9
12/17/19 3:15	9.8	4.8	(0.1)	14.3	12/17/19 16:15	8.0	(3.7)	14.7	17.0
12/17/19 3:30	(21.6)	18.9	(0.2)	(10.5)	12/17/19 16:30	62.1	(2.2)	5.9	66.6
12/17/19 3:45	19.8	17.3	(0.1)	36.9	12/17/19 16:45	68.0	10.2	1.4	79.6
12/17/19 4:00	16.7	9.1	0.3	26.1	12/17/19 17:00	48.8	21.8	0.3	70.9
12/17/19 4:15	(13.2)	10.0	(0.2)	8.5	12/17/19 17:15	43.5	3.6	(0.0)	47.0
12/17/19 4:30	38.7	30.6	0.1	69.4	12/17/19 17:30	34.9	10.2	(0.0)	45.1
12/17/19 4:45	26.0	28.4	(0.1)	54.3	12/17/19 17:45	9.1	8.8	(0.0)	17.0
12/17/19 5:00	22.2	(4.7)	(0.1)	17.7	12/17/19 18:00	(6.0)	1.7	0.0	(6.4)
12/17/19 5:15	48.7	(10.1)	0.2	38.7	12/17/19 18:15	5.4	1.6	0.0	4.9
12/17/19 5:30	36.5	(9.8)	(0.0)	27.8	12/17/19 18:30	(7.3)	(5.6)	(0.0)	(12.7)
12/17/19 5:45	12.6	(3.6)	0.0	12.6	12/17/19 18:45	(32.0)	2.2	(0.0)	(30.3)
12/17/19 6:00	69.7	(18.8)	0.0	50.9	12/17/19 19:00	13.4	17.0	0.0	29.4
12/17/19 6:15	33.5	(24.6)	0.0	15.4	12/17/19 19:15	(12.2)	12.5	0.0	1.9
12/17/19 6:30	(19.7)	(22.4)	(0.0)	(36.9)	12/17/19 19:30	(25.3)	4.4	(0.0)	(20.9)
12/17/19 6:45	65.0	(31.4)	(0.0)	37.0	12/17/19 19:45	14.4	11.8	0.0	26.2
12/17/19 7:00	40.2	10.5	(0.0)	43.0	12/17/19 20:00	(16.6)	20.8	(0.0)	4.2
12/17/19 7:15	7.2	28.6	(0.7)	28.5	12/17/19 20:15	(25.0)	6.8	(0.0)	(22.3)
12/17/19 7:30	(16.6)	18.6	(4.1)	(17.0)	12/17/19 20:30	(9.0)	5.1	(0.0)	12.1
12/17/19 7:45	(17.3)	(15.4)	(12.3)	(40.8)	12/17/19 20:45	(18.1)	(8.2)	(0.2)	(26.4)
12/17/19 8:00	(13.3)	17.4	(17.2)	(12.1)	12/17/19 21:00	(52.7)	(17.2)	(0.2)	(70.1)
12/17/19 8:15	(23.8)	33.9	(19.5)	(9.4)	12/17/19 21:15	(38.8)	(22.2)	0.2	(60.9)
12/17/19 8:30	(50.2)	54.8	(20.9)	(19.6)	12/17/19 21:30	(27.3)	(18.8)	0.1	(46.1)
12/17/19 8:45	(13.9)	49.8	(18.4)	17.6	12/17/19 21:45	(19.4)	(21.2)	0.2	(40.4)
12/17/19 9:00	13.1	26.3	(10.2)	21.0	12/17/19 22:00	(31.9)	(28.5)	(0.0)	(60.4)
12/17/19 9:15	23.3	6.4	0.7	27.4	12/17/19 22:15	(36.0)	(41.1)	(0.0)	(77.1)
12/17/19 9:30	(25.3)	7.8	5.8	(11.7)	12/17/19 22:30	(79.6)	(52.6)	0.0	(132.2)
12/17/19 9:45	(48.9)	7.6	(4.5)	(47.1)	12/17/19 22:45	(37.6)	(9.2)	0.0	(46.8)
12/17/19 10:00	14.9	(5.5)	(2.7)	(18.0)	12/17/19 23:00	(17.3)	(23.0)	0.0	(40.3)
12/17/19 10:15	(10.2)	6.0	5.5	5.0	12/17/19 23:15	(9.2)	(1.1)	(0.2)	(9.9)
12/17/19 10:30	(26.1)	(9.5)	(2.7)	(37.3)	12/17/19 23:30	(35.6)	10.9	0.2	(26.9)
12/17/19 10:45	14.3	(28.5)	0.7	(29.8)	12/17/19 23:45	19.5	11.0	(0.0)	30.5
12/17/19 11:00	8.0	(32.9)	4.7	(24.3)	12/18/19 0:00	(17.7)	25.7	0.0	22.8
12/17/19 11:15	(23.0)	(50.5)	2.7	(70.6)	12/18/19 0:15	(24.1)	24.0	0.0	6.0
12/17/19 11:30	(21.2)	(46.1)	3.1	(59.3)	12/18/19 0:30	8.6	21.8	0.0	28.1
12/17/19 11:45	(14.7)	(21.6)	1.7	(30.8)	12/18/19 0:45	(8.8)	23.5	(0.0)	15.2
12/17/19 12:00	(15.2)	(80.6)	(0.3)	(96.0)	12/18/19 1:00	(35.5)	13.7	(0.1)	(23.8)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/18/19 1:15	19.3	14.7	0.1	30.8	12/18/19 14:15	6.1	(5.1)	1.5	3.9
12/18/19 1:30	6.3	19.5	0.0	22.9	12/18/19 14:30	3.1	6.3	(1.5)	7.9
12/18/19 1:45	(12.5)	7.0	0.0	(11.0)	12/18/19 14:45	10.7	(1.4)	2.6	11.3
12/18/19 2:00	(34.4)	18.0	(0.0)	(22.5)	12/18/19 15:00	10.7	(5.0)	14.5	20.5
12/18/19 2:15	(3.9)	40.8	0.0	37.7	12/18/19 15:15	9.1	(26.4)	11.5	(7.5)
12/18/19 2:30	(4.0)	14.2	(0.0)	11.8	12/18/19 15:30	28.9	(13.2)	15.0	30.7
12/18/19 2:45	(0.8)	(10.1)	0.0	(10.4)	12/18/19 15:45	37.9	(8.4)	18.6	48.1
12/18/19 3:00	7.0	(18.8)	0.0	(12.4)	12/18/19 16:00	31.2	1.2	12.8	44.8
12/18/19 3:15	17.3	(19.5)	(0.0)	(2.3)	12/18/19 16:15	(12.4)	(10.4)	11.4	(10.4)
12/18/19 3:30	4.7	(4.2)	0.0	2.3	12/18/19 16:30	75.4	(8.8)	4.2	70.8
12/18/19 3:45	2.2	(10.8)	(0.0)	(9.3)	12/18/19 16:45	44.1	(7.4)	1.5	38.1
12/18/19 4:00	11.1	(7.9)	0.0	7.4	12/18/19 17:00	83.9	3.7	0.1	87.2
12/18/19 4:15	17.9	13.0	0.0	30.9	12/18/19 17:15	17.5	(6.6)	(0.0)	10.9
12/18/19 4:30	16.1	18.3	0.0	34.5	12/18/19 17:30	22.1	(9.3)	0.1	12.8
12/18/19 4:45	28.6	22.1	0.1	50.7	12/18/19 17:45	(13.5)	(6.2)	(0.1)	(17.8)
12/18/19 5:00	30.5	16.6	(0.0)	47.1	12/18/19 18:00	27.1	(3.0)	(0.0)	25.7
12/18/19 5:15	30.0	7.2	0.0	37.2	12/18/19 18:15	(12.8)	(16.5)	0.0	(29.3)
12/18/19 5:30	31.9	5.0	(0.0)	35.6	12/18/19 18:30	(41.7)	(31.3)	0.0	(73.0)
12/18/19 5:45	38.8	(21.2)	(0.0)	17.7	12/18/19 18:45	(7.1)	(19.6)	(0.0)	(25.8)
12/18/19 6:00	42.8	(37.9)	(0.0)	5.6	12/18/19 19:00	(7.6)	(21.0)	0.0	(28.7)
12/18/19 6:15	47.1	(6.4)	0.0	40.7	12/18/19 19:15	(2.1)	(31.8)	0.0	(33.0)
12/18/19 6:30	20.7	(19.6)	(0.0)	(14.4)	12/18/19 19:30	14.8	(45.8)	(0.0)	(35.4)
12/18/19 6:45	24.1	6.5	(0.0)	30.6	12/18/19 19:45	13.3	(45.4)	0.0	(37.7)
12/18/19 7:00	23.0	19.2	0.0	42.1	12/18/19 20:00	(7.1)	(44.2)	0.0	(51.3)
12/18/19 7:15	(8.3)	15.0	(0.5)	7.6	12/18/19 20:15	(33.4)	(47.6)	(0.0)	(81.1)
12/18/19 7:30	(6.5)	21.1	(4.0)	10.6	12/18/19 20:30	(7.4)	(67.3)	(0.0)	(73.4)
12/18/19 7:45	(10.7)	11.2	(12.4)	(12.3)	12/18/19 20:45	(16.2)	(45.8)	0.0	(62.0)
12/18/19 8:00	(17.3)	(4.0)	(17.3)	(38.0)	12/18/19 21:00	(31.8)	(54.0)	(0.0)	(85.8)
12/18/19 8:15	(25.9)	6.7	(19.4)	(40.5)	12/18/19 21:15	(27.4)	(37.2)	0.0	(63.4)
12/18/19 8:30	(19.6)	21.3	(20.3)	(20.9)	12/18/19 21:30	(19.0)	(12.0)	(0.0)	(30.8)
12/18/19 8:45	(27.1)	32.4	(17.4)	(13.0)	12/18/19 21:45	(26.2)	(7.7)	0.0	(33.7)
12/18/19 9:00	(15.5)	44.7	(9.0)	20.4	12/18/19 22:00	(59.0)	(2.8)	(0.0)	(61.0)
12/18/19 9:15	(17.4)	24.4	(3.0)	9.0	12/18/19 22:15	(25.3)	6.2	0.0	(19.6)
12/18/19 9:30	(8.3)	7.6	(0.7)	(1.6)	12/18/19 22:30	10.3	20.0	(0.0)	23.3
12/18/19 9:45	(10.5)	12.6	0.1	5.0	12/18/19 22:45	(46.4)	15.4	(0.0)	(31.4)
12/18/19 10:00	(9.0)	31.0	0.9	23.1	12/18/19 23:00	(19.5)	(11.2)	0.0	(30.7)
12/18/19 10:15	(14.2)	31.8	2.7	20.3	12/18/19 23:15	(14.7)	(6.6)	(0.0)	(20.7)
12/18/19 10:30	(18.6)	43.5	2.6	27.4	12/18/19 23:30	(43.1)	4.3	(0.0)	(39.2)
12/18/19 10:45	(7.2)	37.6	2.0	32.4	12/18/19 23:45	(10.9)	4.5	(0.0)	(7.9)
12/18/19 11:00	(10.2)	4.1	2.5	(8.4)	12/19/19 0:00	(18.6)	10.5	0.0	(8.8)
12/18/19 11:15	(10.3)	(12.1)	2.0	(20.3)	12/19/19 0:15	(17.8)	2.4	0.0	(15.9)
12/18/19 11:30	(9.6)	(10.7)	1.9	(16.6)	12/19/19 0:30	(6.5)	(12.9)	0.0	(17.1)
12/18/19 11:45	(3.8)	24.6	(1.0)	20.0	12/19/19 0:45	(10.1)	(35.8)	0.0	(45.9)
12/18/19 12:00	(17.5)	8.8	0.5	(12.0)	12/19/19 1:00	(29.1)	(42.1)	(0.0)	(70.1)
12/18/19 12:15	(8.8)	(3.8)	0.2	(10.3)	12/19/19 1:15	24.5	(15.2)	(0.0)	17.9
12/18/19 12:30	(7.2)	9.3	2.8	5.4	12/19/19 1:30	42.1	17.9	(0.0)	55.3
12/18/19 12:45	(3.4)	4.3	(1.7)	(3.7)	12/19/19 1:45	(24.8)	(25.8)	(0.0)	(45.0)
12/18/19 13:00	5.9	(8.4)	(4.8)	(7.8)	12/19/19 2:00	21.3	(5.6)	0.0	21.8
12/18/19 13:15	2.3	(5.3)	1.7	(3.9)	12/19/19 2:15	(5.5)	17.7	(0.0)	13.7
12/18/19 13:30	2.6	4.3	1.2	7.5	12/19/19 2:30	(11.1)	46.2	(0.0)	37.3
12/18/19 13:45	(1.6)	7.4	1.4	8.2	12/19/19 2:45	(19.4)	25.8	0.0	14.8
12/18/19 14:00	(3.5)	8.4	(0.9)	4.7	12/19/19 3:00	16.0	(30.9)	0.0	(15.0)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/19/19 3:15	9.7	15.3	0.0	25.0	12/19/19 16:15	29.0	(1.8)	8.9	37.8
12/19/19 3:30	(33.7)	2.6	(0.0)	(31.4)	12/19/19 16:30	50.3	5.3	5.5	61.1
12/19/19 3:45	12.3	(7.4)	0.0	7.5	12/19/19 16:45	28.7	13.3	2.2	44.2
12/19/19 4:00	20.8	1.1	(0.0)	21.6	12/19/19 17:00	37.8	8.1	0.2	46.2
12/19/19 4:15	(21.1)	(7.9)	0.0	(29.0)	12/19/19 17:15	36.5	9.1	0.0	45.6
12/19/19 4:30	26.4	15.7	(0.0)	41.5	12/19/19 17:30	(12.1)	23.5	(0.0)	15.1
12/19/19 4:45	19.8	29.2	0.0	49.0	12/19/19 17:45	15.2	14.0	(0.0)	29.2
12/19/19 5:00	(8.2)	9.1	(0.0)	8.1	12/19/19 18:00	5.4	18.1	(0.0)	18.4
12/19/19 5:15	42.6	23.4	0.0	66.0	12/19/19 18:15	(12.5)	26.1	0.0	18.9
12/19/19 5:30	31.5	9.1	0.0	38.5	12/19/19 18:30	35.0	(19.3)	0.0	21.7
12/19/19 5:45	21.3	(6.0)	(0.0)	16.8	12/19/19 18:45	(10.4)	(19.7)	(0.0)	(30.2)
12/19/19 6:00	75.0	6.3	0.0	81.3	12/19/19 19:00	(30.0)	(7.1)	0.0	(37.1)
12/19/19 6:15	47.1	24.2	0.0	71.4	12/19/19 19:15	6.9	(10.3)	(0.0)	(8.8)
12/19/19 6:30	30.2	27.5	(0.0)	57.7	12/19/19 19:30	(7.5)	(17.3)	0.0	(24.8)
12/19/19 6:45	31.8	(9.0)	(0.0)	27.8	12/19/19 19:45	(26.3)	(7.4)	0.0	(33.2)
12/19/19 7:00	14.1	(33.2)	(0.0)	(23.2)	12/19/19 20:00	8.7	(17.4)	(0.0)	(19.1)
12/19/19 7:15	(13.7)	(35.3)	(0.4)	(38.9)	12/19/19 20:15	(7.1)	(22.6)	0.0	(24.3)
12/19/19 7:30	19.8	(47.4)	(2.0)	(29.6)	12/19/19 20:30	(41.6)	(18.5)	0.0	(59.4)
12/19/19 7:45	3.1	(58.7)	(3.5)	(59.9)	12/19/19 20:45	(11.1)	(11.8)	(0.0)	(18.9)
12/19/19 8:00	(28.7)	(48.7)	(5.6)	(82.8)	12/19/19 21:00	(23.3)	(25.6)	0.0	(48.9)
12/19/19 8:15	16.3	(32.3)	(5.1)	(44.0)	12/19/19 21:15	(51.5)	(14.4)	(0.0)	(65.9)
12/19/19 8:30	(7.5)	34.8	(6.0)	22.8	12/19/19 21:30	(19.1)	(16.9)	(0.0)	(36.1)
12/19/19 8:45	(31.7)	70.9	(17.8)	22.4	12/19/19 21:45	(32.8)	4.7	0.0	(28.3)
12/19/19 9:00	11.5	57.8	(12.7)	48.9	12/19/19 22:00	(62.6)	(6.9)	(0.0)	(67.3)
12/19/19 9:15	(10.0)	57.2	(18.0)	33.1	12/19/19 22:15	(10.8)	(17.0)	0.0	(27.6)
12/19/19 9:30	(13.7)	44.0	11.6	41.9	12/19/19 22:30	(14.2)	14.4	0.0	6.3
12/19/19 9:45	19.3	16.6	7.2	35.2	12/19/19 22:45	(10.9)	(6.6)	(0.0)	(16.5)
12/19/19 10:00	(9.1)	5.9	(11.3)	(15.6)	12/19/19 23:00	(24.8)	2.8	(0.0)	(23.5)
12/19/19 10:15	23.3	5.1	3.4	29.0	12/19/19 23:15	(13.9)	8.0	0.0	(5.9)
12/19/19 10:30	(15.4)	(14.1)	4.7	(29.0)	12/19/19 23:30	(51.0)	25.9	0.0	(29.7)
12/19/19 10:45	11.4	(33.0)	(2.6)	(26.2)	12/19/19 23:45	15.4	53.3	(0.0)	65.0
12/19/19 11:00	(18.1)	(39.3)	3.4	(53.8)	12/20/19 0:00	(14.8)	(25.2)	0.0	(37.5)
12/19/19 11:15	(44.8)	(66.2)	12.3	(99.2)	12/20/19 0:15	(28.8)	18.4	(0.0)	(11.9)
12/19/19 11:30	12.9	(58.9)	(12.4)	(60.4)	12/20/19 0:30	(15.1)	26.0	0.0	20.4
12/19/19 11:45	(12.2)	38.6	5.4	31.0	12/20/19 0:45	5.2	4.7	0.0	4.0
12/19/19 12:00	(13.8)	(36.6)	(3.8)	(38.3)	12/20/19 1:00	(12.6)	(11.0)	(0.0)	(22.1)
12/19/19 12:15	21.3	(26.5)	6.6	(6.9)	12/20/19 1:15	(13.9)	53.8	(0.0)	43.7
12/19/19 12:30	(2.2)	(6.0)	(5.3)	(11.3)	12/20/19 1:30	9.4	(9.6)	(0.0)	(14.5)
12/19/19 12:45	(42.0)	32.2	(3.7)	(16.5)	12/20/19 1:45	2.7	(24.6)	0.0	(22.5)
12/19/19 13:00	(8.8)	32.6	4.5	33.9	12/20/19 2:00	(34.2)	30.3	0.0	(6.0)
12/19/19 13:15	(8.2)	46.3	4.4	43.1	12/20/19 2:15	14.0	(7.5)	0.0	7.9
12/19/19 13:30	(25.8)	9.1	7.5	(10.7)	12/20/19 2:30	6.3	(1.8)	0.0	5.5
12/19/19 13:45	42.1	(43.5)	3.8	4.4	12/20/19 2:45	(12.3)	(8.7)	(0.0)	(19.9)
12/19/19 14:00	10.4	(29.7)	(3.1)	(20.9)	12/20/19 3:00	(24.4)	10.4	(0.0)	(25.9)
12/19/19 14:15	(11.4)	7.1	4.1	(3.0)	12/20/19 3:15	5.1	6.1	0.0	8.0
12/19/19 14:30	8.3	(6.9)	(4.0)	(9.1)	12/20/19 3:30	7.3	(6.3)	(0.0)	2.0
12/19/19 14:45	30.2	(51.9)	2.3	(20.3)	12/20/19 3:45	6.5	(4.6)	(0.0)	3.0
12/19/19 15:00	21.9	(38.9)	7.9	(9.6)	12/20/19 4:00	18.4	(6.7)	0.0	16.2
12/19/19 15:15	9.2	5.6	6.0	9.2	12/20/19 4:15	23.2	(35.7)	0.0	(12.5)
12/19/19 15:30	31.0	(26.3)	7.7	11.7	12/20/19 4:30	(3.7)	(17.8)	0.0	(19.7)
12/19/19 15:45	13.0	11.4	10.6	32.4	12/20/19 4:45	14.1	11.9	0.0	25.4
12/19/19 16:00	13.1	2.2	9.8	24.1	12/20/19 5:00	20.9	12.3	0.0	33.2

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/20/19 5:15	22.1	14.8	(0.0)	36.9	12/20/19 18:15	(16.4)	2.4	(0.0)	(15.8)
12/20/19 5:30	34.7	13.3	(0.0)	47.9	12/20/19 18:30	(37.3)	(8.7)	(0.0)	(45.9)
12/20/19 5:45	45.5	19.8	(0.0)	65.4	12/20/19 18:45	12.4	(11.0)	0.0	(5.6)
12/20/19 6:00	44.2	18.8	0.0	62.9	12/20/19 19:00	(13.3)	(17.8)	0.0	(30.7)
12/20/19 6:15	31.2	5.0	(0.0)	36.2	12/20/19 19:15	(29.9)	4.0	(0.0)	(26.6)
12/20/19 6:30	39.6	12.7	(0.0)	52.3	12/20/19 19:30	10.7	(14.4)	0.0	(9.3)
12/20/19 6:45	39.7	21.7	(0.0)	61.4	12/20/19 19:45	(4.9)	(11.4)	0.0	(16.3)
12/20/19 7:00	(13.8)	12.3	0.0	6.4	12/20/19 20:00	(27.1)	2.9	(0.0)	(24.8)
12/20/19 7:15	16.0	5.7	(0.3)	20.8	12/20/19 20:15	13.9	4.7	0.0	16.6
12/20/19 7:30	2.1	(4.7)	(3.2)	(8.1)	12/20/19 20:30	(6.5)	(16.2)	(0.0)	(21.9)
12/20/19 7:45	(7.7)	9.3	(10.0)	(8.3)	12/20/19 20:45	(32.1)	(17.6)	0.0	(49.7)
12/20/19 8:00	(7.4)	13.2	(15.9)	(10.2)	12/20/19 21:00	(34.5)	(10.0)	(0.0)	(44.3)
12/20/19 8:15	(15.8)	27.6	(18.6)	(6.8)	12/20/19 21:15	22.7	13.2	(0.0)	35.9
12/20/19 8:30	(7.6)	26.4	(19.3)	(6.7)	12/20/19 21:30	(24.2)	5.9	0.0	(18.3)
12/20/19 8:45	(10.3)	5.5	(17.6)	(22.3)	12/20/19 21:45	(46.5)	(0.6)	0.0	(46.7)
12/20/19 9:00	(5.8)	29.3	(10.3)	15.9	12/20/19 22:00	(54.4)	8.3	0.0	(46.5)
12/20/19 9:15	(19.0)	56.8	(3.9)	36.7	12/20/19 22:15	(20.4)	23.7	(0.0)	4.4
12/20/19 9:30	(81.9)	109.7	(1.0)	26.9	12/20/19 22:30	(36.5)	21.8	0.0	(15.0)
12/20/19 9:45	(19.7)	17.8	(0.5)	(4.5)	12/20/19 22:45	(34.8)	15.2	(0.0)	(19.6)
12/20/19 10:00	(2.5)	13.1	0.5	13.1	12/20/19 23:00	(29.1)	(9.3)	(0.0)	(37.7)
12/20/19 10:15	(7.6)	27.2	0.7	20.3	12/20/19 23:15	(17.6)	(18.1)	0.0	(35.7)
12/20/19 10:30	(14.8)	23.3	1.9	10.3	12/20/19 23:30	(20.0)	(6.1)	(0.0)	(23.4)
12/20/19 10:45	(18.9)	64.5	2.4	48.6	12/20/19 23:45	(16.9)	14.9	0.0	(2.0)
12/20/19 11:00	(9.6)	32.8	1.6	27.6	12/21/19 0:00	(22.3)	21.5	0.0	(3.2)
12/20/19 11:15	(22.0)	53.5	1.6	33.2	12/21/19 0:15	(16.5)	15.9	(0.0)	(3.5)
12/20/19 11:30	(20.4)	52.5	1.3	33.4	12/21/19 0:30	(15.0)	17.7	(0.0)	2.7
12/20/19 11:45	(23.8)	41.7	0.9	18.8	12/21/19 0:45	(17.2)	10.8	0.0	(7.0)
12/20/19 12:00	13.3	11.6	1.8	25.9	12/21/19 1:00	(10.6)	(2.0)	0.0	(12.6)
12/20/19 12:15	17.5	2.3	(1.6)	19.3	12/21/19 1:15	25.0	(15.0)	0.0	15.6
12/20/19 12:30	(4.8)	(4.5)	(0.4)	(7.3)	12/21/19 1:30	(10.9)	(9.5)	0.0	(18.8)
12/20/19 12:45	(4.6)	1.1	(0.9)	(5.3)	12/21/19 1:45	(7.6)	6.4	0.0	(1.8)
12/20/19 13:00	(19.6)	(6.9)	(0.9)	(27.3)	12/21/19 2:00	(2.4)	(11.0)	(0.0)	(12.8)
12/20/19 13:15	21.6	13.1	(1.3)	33.2	12/21/19 2:15	2.7	(10.5)	(0.0)	(7.9)
12/20/19 13:30	14.0	9.2	(1.4)	20.9	12/21/19 2:30	(2.9)	4.1	0.0	(2.2)
12/20/19 13:45	(21.9)	(15.8)	(0.4)	(37.0)	12/21/19 2:45	2.2	11.8	(0.0)	13.5
12/20/19 14:00	16.1	(9.4)	(1.9)	11.6	12/21/19 3:00	(7.2)	10.7	0.0	3.5
12/20/19 14:15	10.3	4.5	(0.3)	14.8	12/21/19 3:15	2.5	1.7	0.0	3.0
12/20/19 14:30	(12.8)	10.3	1.0	11.2	12/21/19 3:30	3.1	5.8	(0.0)	8.8
12/20/19 14:45	24.6	14.3	3.8	42.8	12/21/19 3:45	29.9	9.5	0.0	39.4
12/20/19 15:00	15.6	3.3	6.2	21.9	12/21/19 4:00	10.3	2.2	0.0	11.8
12/20/19 15:15	(23.2)	(1.3)	12.3	(12.2)	12/21/19 4:15	17.4	3.2	(0.0)	20.5
12/20/19 15:30	29.2	(5.7)	14.6	38.2	12/21/19 4:30	11.7	(8.2)	0.0	(9.5)
12/20/19 15:45	7.3	(7.6)	18.1	17.7	12/21/19 4:45	15.5	(5.2)	0.0	10.3
12/20/19 16:00	10.9	(2.7)	16.7	26.3	12/21/19 5:00	9.4	(8.7)	0.1	(8.8)
12/20/19 16:15	36.8	6.2	15.0	55.6	12/21/19 5:15	28.7	(16.8)	(0.0)	13.2
12/20/19 16:30	54.9	(6.7)	6.6	54.9	12/21/19 5:30	7.7	(6.4)	(0.0)	(10.4)
12/20/19 16:45	52.9	(25.4)	1.9	29.3	12/21/19 5:45	29.7	(10.1)	(0.0)	21.1
12/20/19 17:00	53.4	(24.6)	0.1	29.0	12/21/19 6:00	(43.3)	(30.8)	0.0	(74.1)
12/20/19 17:15	27.2	(13.7)	(0.0)	13.5	12/21/19 6:15	25.7	(31.5)	0.0	(19.0)
12/20/19 17:30	15.4	(6.3)	(0.0)	11.1	12/21/19 6:30	34.3	(3.5)	0.0	32.6
12/20/19 17:45	(20.6)	(15.9)	(0.0)	(36.5)	12/21/19 6:45	20.1	(5.4)	(0.0)	15.7
12/20/19 18:00	12.3	(11.0)	0.0	(17.9)	12/21/19 7:00	30.6	9.4	(0.0)	39.9

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/21/19 7:15	7.3	11.1	(0.4)	17.9	12/21/19 20:15	10.6	(45.2)	0.0	(36.0)
12/21/19 7:30	(12.0)	(17.4)	(3.4)	(32.2)	12/21/19 20:30	(24.0)	(19.1)	0.0	(43.1)
12/21/19 7:45	11.9	(10.5)	(10.8)	(21.1)	12/21/19 20:45	8.1	(1.2)	(0.0)	(7.3)
12/21/19 8:00	16.5	10.2	(15.1)	10.1	12/21/19 21:00	(10.1)	(3.5)	(0.0)	(12.9)
12/21/19 8:15	7.0	13.0	(17.9)	(11.7)	12/21/19 21:15	(45.8)	6.9	0.0	(40.1)
12/21/19 8:30	9.8	13.6	(17.4)	(12.2)	12/21/19 21:30	15.3	16.0	0.0	26.3
12/21/19 8:45	7.0	37.5	(19.2)	24.9	12/21/19 21:45	(19.1)	18.3	0.0	(1.7)
12/21/19 9:00	(2.5)	14.5	(10.1)	5.3	12/21/19 22:00	(38.2)	12.5	0.0	(26.0)
12/21/19 9:15	(7.7)	15.6	(4.6)	10.2	12/21/19 22:15	(17.1)	5.0	0.0	(14.7)
12/21/19 9:30	7.0	35.8	(3.2)	38.3	12/21/19 22:30	(23.7)	(17.7)	0.1	(41.4)
12/21/19 9:45	(9.5)	22.4	1.5	15.7	12/21/19 22:45	(49.2)	(13.0)	(0.0)	(62.2)
12/21/19 10:00	(22.4)	10.4	5.5	(9.7)	12/21/19 23:00	10.6	3.3	(0.1)	12.7
12/21/19 10:15	20.6	5.6	2.5	28.5	12/21/19 23:15	(10.4)	8.3	0.0	(4.7)
12/21/19 10:30	(13.7)	1.7	0.4	(14.5)	12/21/19 23:30	(40.6)	11.5	(0.0)	(29.1)
12/21/19 10:45	(34.9)	7.1	1.8	(33.0)	12/21/19 23:45	(13.2)	8.2	(0.0)	(14.2)
12/21/19 11:00	13.7	11.2	1.4	22.0	12/22/19 0:00	(19.1)	(25.3)	0.0	(44.4)
12/21/19 11:15	(22.1)	(1.4)	1.2	(21.3)	12/22/19 0:15	(13.0)	(12.6)	0.0	(22.5)
12/21/19 11:30	(35.9)	(10.5)	1.5	(45.0)	12/22/19 0:30	37.3	(17.0)	(0.0)	24.2
12/21/19 11:45	11.3	(11.4)	2.2	(7.3)	12/22/19 0:45	(19.7)	4.4	0.0	(18.9)
12/21/19 12:00	6.5	(12.4)	(1.1)	(7.4)	12/22/19 1:00	(37.1)	8.1	(0.0)	(29.4)
12/21/19 12:15	(25.1)	(5.9)	(1.3)	(32.2)	12/22/19 1:15	14.7	(1.3)	0.0	13.8
12/21/19 12:30	8.8	(1.9)	(0.4)	7.2	12/22/19 1:30	(6.4)	8.2	0.0	5.1
12/21/19 12:45	(1.6)	9.6	(0.6)	8.1	12/22/19 1:45	(18.4)	19.3	0.0	6.7
12/21/19 13:00	(36.4)	19.2	(1.4)	(18.7)	12/22/19 2:00	11.5	8.4	(0.0)	13.9
12/21/19 13:15	16.4	2.2	(0.7)	16.3	12/22/19 2:15	3.7	2.6	0.0	4.3
12/21/19 13:30	1.7	(4.9)	(0.6)	(6.0)	12/22/19 2:30	(21.5)	9.0	(0.0)	(13.3)
12/21/19 13:45	(24.8)	(11.7)	(2.8)	(37.4)	12/22/19 2:45	(14.5)	(7.9)	(0.0)	(18.2)
12/21/19 14:00	(20.9)	(15.9)	(0.5)	(35.3)	12/22/19 3:00	13.4	5.0	(0.0)	16.6
12/21/19 14:15	31.4	(2.1)	(0.9)	30.4	12/22/19 3:15	(13.5)	29.9	(0.0)	19.8
12/21/19 14:30	15.2	2.7	1.1	18.4	12/22/19 3:30	12.9	19.6	0.0	30.9
12/21/19 14:45	(9.9)	9.3	(1.0)	13.0	12/22/19 3:45	9.2	19.1	(0.0)	28.3
12/21/19 15:00	22.1	2.6	4.3	27.8	12/22/19 4:00	(12.0)	38.9	0.0	29.2
12/21/19 15:15	20.9	(3.5)	12.7	31.2	12/22/19 4:15	20.0	35.5	(0.0)	55.2
12/21/19 15:30	10.0	(9.9)	17.3	15.4	12/22/19 4:30	5.1	4.7	0.0	9.5
12/21/19 15:45	(11.6)	(16.3)	19.3	(9.3)	12/22/19 4:45	(29.4)	(16.2)	0.0	(45.4)
12/21/19 16:00	24.7	(11.2)	17.0	30.5	12/22/19 5:00	37.6	(34.1)	(0.0)	9.4
12/21/19 16:15	49.0	(12.8)	16.4	52.5	12/22/19 5:15	16.8	(11.9)	(0.0)	11.4
12/21/19 16:30	40.2	(8.3)	7.0	38.9	12/22/19 5:30	11.5	13.8	0.0	21.4
12/21/19 16:45	51.9	(15.9)	0.7	36.7	12/22/19 5:45	15.5	29.6	0.0	44.1
12/21/19 17:00	72.7	(4.7)	0.2	68.2	12/22/19 6:00	(26.8)	36.3	(0.0)	17.2
12/21/19 17:15	13.1	(8.8)	0.1	6.7	12/22/19 6:15	12.5	24.9	(0.0)	35.7
12/21/19 17:30	(8.5)	(1.0)	(0.0)	(8.3)	12/22/19 6:30	27.8	25.5	(0.0)	53.3
12/21/19 17:45	23.6	0.8	(0.0)	24.4	12/22/19 6:45	24.0	22.0	(0.0)	46.0
12/21/19 18:00	(7.0)	1.3	0.0	(6.1)	12/22/19 7:00	(13.0)	17.8	0.0	6.4
12/21/19 18:15	(23.1)	(12.3)	(0.0)	(35.4)	12/22/19 7:15	11.3	9.3	(0.3)	17.5
12/21/19 18:30	13.3	(28.4)	(0.0)	(20.9)	12/22/19 7:30	15.1	(9.9)	(3.8)	2.7
12/21/19 18:45	(6.6)	(34.8)	0.0	(41.2)	12/22/19 7:45	(17.9)	7.9	(9.3)	(17.8)
12/21/19 19:00	(25.5)	(34.2)	0.1	(59.6)	12/22/19 8:00	11.4	12.4	(8.2)	14.8
12/21/19 19:15	13.5	(24.1)	(0.1)	(15.4)	12/22/19 8:15	8.6	(3.9)	(5.8)	(5.1)
12/21/19 19:30	(7.2)	(39.1)	(0.1)	(46.4)	12/22/19 8:30	11.4	(23.4)	(19.2)	(31.3)
12/21/19 19:45	(25.6)	(40.3)	0.1	(65.8)	12/22/19 8:45	13.3	(27.0)	(13.1)	(26.7)
12/21/19 20:00	7.8	(27.2)	(0.0)	(25.9)	12/22/19 9:00	6.4	(4.9)	(5.3)	(7.0)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/22/19 9:15	27.5	(6.7)	(8.7)	16.2	12/22/19 22:15	(12.6)	8.5	(0.0)	(8.3)
12/22/19 9:30	(18.9)	(2.0)	4.2	(20.3)	12/22/19 22:30	(37.2)	3.5	0.0	(34.1)
12/22/19 9:45	8.1	20.3	(4.3)	23.8	12/22/19 22:45	(54.1)	5.4	0.0	(49.7)
12/22/19 10:00	(20.2)	27.9	(1.9)	7.6	12/22/19 23:00	(11.8)	5.2	0.0	(11.9)
12/22/19 10:15	15.5	23.6	5.8	35.8	12/22/19 23:15	(20.8)	(14.4)	0.0	(35.2)
12/22/19 10:30	(8.8)	28.4	2.0	21.7	12/22/19 23:30	(55.8)	4.8	(0.0)	(51.4)
12/22/19 10:45	(32.2)	26.1	(2.5)	(14.7)	12/22/19 23:45	(27.5)	7.8	0.0	(19.7)
12/22/19 11:00	13.6	18.8	(3.1)	24.3	12/23/19 0:00	(20.6)	9.1	(0.0)	(13.4)
12/22/19 11:15	3.7	11.9	1.9	17.0	12/23/19 0:15	(8.2)	7.3	0.0	(4.2)
12/22/19 11:30	(21.9)	(5.0)	(5.6)	(29.5)	12/23/19 0:30	(14.4)	2.2	0.0	(12.8)
12/22/19 11:45	13.0	(3.5)	1.4	12.1	12/23/19 0:45	(10.6)	1.7	0.0	(9.5)
12/22/19 12:00	(16.3)	(3.2)	(0.7)	(19.5)	12/23/19 1:00	21.7	(5.2)	(0.0)	16.8
12/22/19 12:15	(33.6)	(9.1)	(3.9)	(46.0)	12/23/19 1:15	(5.7)	(2.6)	(0.0)	(7.7)
12/22/19 12:30	15.3	(7.1)	2.9	14.8	12/23/19 1:30	(44.6)	(3.6)	0.0	(48.2)
12/22/19 12:45	10.9	2.9	5.2	13.6	12/23/19 1:45	28.8	(3.8)	(0.0)	25.9
12/22/19 13:00	(17.7)	10.5	5.6	(9.3)	12/23/19 2:00	6.7	(1.2)	(0.0)	5.6
12/22/19 13:15	17.3	(9.7)	2.5	11.8	12/23/19 2:15	(7.0)	1.7	0.0	(6.9)
12/22/19 13:30	22.1	(3.7)	8.0	26.9	12/23/19 2:30	7.1	6.3	0.0	12.8
12/22/19 13:45	17.6	3.3	(1.5)	19.6	12/23/19 2:45	31.4	2.4	(0.0)	32.5
12/22/19 14:00	(18.6)	24.2	3.3	22.9	12/23/19 3:00	6.7	5.3	(0.0)	12.0
12/22/19 14:15	18.5	2.2	3.3	20.7	12/23/19 3:15	(59.7)	(0.2)	0.0	(59.8)
12/22/19 14:30	(13.1)	(6.9)	7.3	(13.6)	12/23/19 3:30	(24.7)	(1.9)	(0.0)	(25.5)
12/22/19 14:45	19.3	(5.7)	2.8	16.7	12/23/19 3:45	30.1	(6.0)	(0.0)	24.2
12/22/19 15:00	22.9	(0.5)	9.4	32.2	12/23/19 4:00	21.4	(1.9)	0.0	20.1
12/22/19 15:15	28.9	5.5	11.3	43.7	12/23/19 4:15	15.9	2.4	0.0	18.2
12/22/19 15:30	(16.9)	20.9	8.4	22.9	12/23/19 4:30	22.0	3.0	0.0	25.0
12/22/19 15:45	35.5	24.3	2.9	62.7	12/23/19 4:45	21.7	2.9	(0.0)	24.6
12/22/19 16:00	23.8	8.7	3.2	35.7	12/23/19 5:00	14.2	(4.7)	0.0	11.9
12/22/19 16:15	13.2	3.5	3.6	16.0	12/23/19 5:15	40.9	(13.5)	(0.0)	27.4
12/22/19 16:30	64.9	(3.0)	2.4	64.3	12/23/19 5:30	30.2	(4.9)	0.0	25.4
12/22/19 16:45	70.8	(13.8)	0.8	57.8	12/23/19 5:45	13.3	3.0	0.0	13.9
12/22/19 17:00	27.8	(10.9)	(0.1)	19.1	12/23/19 6:00	59.7	10.0	(0.0)	69.7
12/22/19 17:15	21.0	(14.2)	(0.0)	7.2	12/23/19 6:15	40.3	1.6	0.0	41.6
12/22/19 17:30	16.0	(2.2)	0.0	14.9	12/23/19 6:30	20.7	3.8	(0.0)	21.3
12/22/19 17:45	(14.7)	(2.7)	0.0	(14.8)	12/23/19 6:45	43.7	11.2	0.0	54.5
12/22/19 18:00	15.9	3.7	(0.0)	16.6	12/23/19 7:00	38.8	(3.4)	0.0	36.4
12/22/19 18:15	(23.1)	0.9	(0.0)	(22.2)	12/23/19 7:15	12.9	(17.9)	0.1	(9.8)
12/22/19 18:30	(35.6)	2.9	0.0	(33.5)	12/23/19 7:30	(15.8)	(26.3)	(0.2)	(39.4)
12/22/19 18:45	20.5	4.6	(0.0)	23.7	12/23/19 7:45	9.3	(8.4)	(2.8)	(5.5)
12/22/19 19:00	(3.8)	5.3	(0.0)	2.0	12/23/19 8:00	16.1	14.8	(4.8)	24.3
12/22/19 19:15	(25.4)	11.3	(0.0)	(14.1)	12/23/19 8:15	(20.3)	6.6	(5.4)	(18.6)
12/22/19 19:30	8.7	4.8	(0.0)	13.2	12/23/19 8:30	8.8	5.6	(10.2)	4.9
12/22/19 19:45	(12.8)	(8.4)	0.0	(21.2)	12/23/19 8:45	8.2	(2.7)	(6.3)	4.6
12/22/19 20:00	(13.7)	(6.8)	0.0	(19.6)	12/23/19 9:00	41.8	(4.0)	3.8	43.0
12/22/19 20:15	(7.9)	1.0	(0.1)	(7.6)	12/23/19 9:15	10.2	10.8	(13.1)	9.2
12/22/19 20:30	(32.5)	(10.8)	0.0	(43.4)	12/23/19 9:30	(11.5)	11.2	(6.5)	(8.4)
12/22/19 20:45	12.0	(3.6)	(0.0)	12.4	12/23/19 9:45	7.7	2.6	(8.2)	(9.2)
12/22/19 21:00	(18.3)	25.8	(0.0)	8.6	12/23/19 10:00	2.8	(2.6)	3.2	(5.1)
12/22/19 21:15	(41.9)	23.4	0.0	(20.1)	12/23/19 10:15	(13.7)	(2.5)	(3.3)	(17.4)
12/22/19 21:30	(8.7)	13.6	(0.0)	18.2	12/23/19 10:30	(24.4)	(1.5)	(2.5)	(25.7)
12/22/19 21:45	(27.4)	(3.9)	(0.0)	(31.3)	12/23/19 10:45	4.0	(5.4)	(1.7)	(8.6)
12/22/19 22:00	(57.7)	12.8	(0.0)	(44.9)	12/23/19 11:00	19.9	2.1	1.4	23.0

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/23/19 11:15	(15.8)	4.7	(5.4)	(15.4)	12/24/19 0:15	(16.9)	(32.5)	0.0	(49.4)
12/23/19 11:30	9.5	2.3	(5.6)	6.4	12/24/19 0:30	(35.9)	(49.1)	0.0	(85.0)
12/23/19 11:45	(4.4)	(0.6)	5.9	2.0	12/24/19 0:45	9.8	(4.4)	0.0	7.1
12/23/19 12:00	(33.0)	0.4	(2.9)	(34.8)	12/24/19 1:00	(16.4)	13.7	(0.0)	(3.5)
12/23/19 12:15	(8.6)	(6.4)	2.9	(11.0)	12/24/19 1:15	(28.0)	5.0	0.0	(23.1)
12/23/19 12:30	(27.1)	(17.3)	(6.2)	(49.8)	12/24/19 1:30	14.7	(5.7)	0.0	12.3
12/23/19 12:45	(14.0)	(4.7)	5.7	(14.4)	12/24/19 1:45	(5.0)	(16.5)	(0.0)	(21.5)
12/23/19 13:00	(9.9)	1.4	(0.7)	(9.8)	12/24/19 2:00	(37.5)	(9.2)	0.0	(44.5)
12/23/19 13:15	18.2	(10.5)	(5.5)	(10.9)	12/24/19 2:15	(4.0)	11.2	0.0	12.3
12/23/19 13:30	31.6	(12.5)	1.8	20.3	12/24/19 2:30	(9.4)	10.3	0.0	(5.2)
12/23/19 13:45	10.9	7.2	8.5	26.3	12/24/19 2:45	(7.7)	(12.6)	0.0	(19.3)
12/23/19 14:00	(20.8)	1.2	11.3	(13.2)	12/24/19 3:00	(4.4)	(20.6)	0.0	(23.5)
12/23/19 14:15	25.4	2.5	(8.6)	23.5	12/24/19 3:15	(3.3)	(33.1)	(0.0)	(33.1)
12/23/19 14:30	(2.0)	(8.0)	(4.0)	(12.1)	12/24/19 3:30	(3.0)	(27.0)	0.0	(29.4)
12/23/19 14:45	(9.6)	(5.3)	(7.0)	(18.0)	12/24/19 3:45	8.8	(35.8)	0.0	(27.2)
12/23/19 15:00	12.7	(18.0)	11.5	10.5	12/24/19 4:00	14.3	(31.8)	(0.0)	(20.6)
12/23/19 15:15	14.5	(12.5)	(4.5)	(5.1)	12/24/19 4:15	16.1	7.7	(0.0)	22.5
12/23/19 15:30	(10.8)	(14.0)	8.4	(15.0)	12/24/19 4:30	12.4	(22.4)	(0.0)	(10.0)
12/23/19 15:45	30.5	(3.2)	27.4	56.0	12/24/19 4:45	17.5	(32.4)	0.0	(14.9)
12/23/19 16:00	13.7	1.8	2.2	16.1	12/24/19 5:00	23.7	(29.5)	(0.0)	(6.3)
12/23/19 16:15	(16.1)	(8.9)	12.9	(11.7)	12/24/19 5:15	25.0	(23.0)	0.0	5.0
12/23/19 16:30	42.2	(14.9)	5.6	32.8	12/24/19 5:30	20.1	(19.3)	(0.0)	4.9
12/23/19 16:45	65.8	(13.9)	2.1	54.0	12/24/19 5:45	17.1	(41.7)	0.0	(24.6)
12/23/19 17:00	44.1	(18.4)	0.2	30.9	12/24/19 6:00	28.3	17.3	(0.0)	42.3
12/23/19 17:15	5.5	(64.9)	0.0	(61.4)	12/24/19 6:15	34.4	11.6	0.0	40.2
12/23/19 17:30	14.0	(43.3)	(0.1)	(29.3)	12/24/19 6:30	37.8	(7.7)	(0.0)	32.7
12/23/19 17:45	12.7	(22.5)	(0.0)	(17.5)	12/24/19 6:45	29.5	20.0	0.0	49.5
12/23/19 18:00	17.7	(15.5)	(0.0)	(15.9)	12/24/19 7:00	25.9	33.2	0.0	59.1
12/23/19 18:15	(22.8)	(14.3)	0.0	(36.8)	12/24/19 7:15	15.6	(10.0)	0.0	9.1
12/23/19 18:30	(30.8)	7.7	(0.0)	(24.5)	12/24/19 7:30	13.7	(8.9)	(0.2)	7.5
12/23/19 18:45	(18.6)	(38.8)	(0.0)	(44.3)	12/24/19 7:45	11.2	(20.6)	(1.2)	(10.5)
12/23/19 19:00	(8.6)	(24.4)	0.0	(28.9)	12/24/19 8:00	21.6	(18.2)	(2.2)	2.4
12/23/19 19:15	(26.2)	15.0	0.0	(12.0)	12/24/19 8:15	35.0	(43.7)	(2.0)	(11.2)
12/23/19 19:30	8.0	26.8	(0.0)	28.3	12/24/19 8:30	20.6	(25.1)	(3.1)	(7.6)
12/23/19 19:45	(9.6)	29.2	(0.0)	19.7	12/24/19 8:45	(40.9)	(17.7)	(3.8)	(62.4)
12/23/19 20:00	(31.9)	33.0	0.0	9.7	12/24/19 9:00	(5.0)	(9.7)	(4.3)	(16.4)
12/23/19 20:15	15.9	19.0	0.0	29.2	12/24/19 9:15	(4.3)	(48.9)	(8.2)	(54.9)
12/23/19 20:30	(15.6)	12.9	(0.0)	(3.1)	12/24/19 9:30	18.2	16.2	(4.5)	30.4
12/23/19 20:45	(30.5)	4.0	0.0	(27.0)	12/24/19 9:45	(1.9)	44.4	(23.9)	20.5
12/23/19 21:00	(12.8)	(4.6)	(0.0)	(16.2)	12/24/19 10:00	8.6	22.4	(5.1)	30.4
12/23/19 21:15	(7.6)	36.7	(0.0)	33.8	12/24/19 10:15	4.9	(12.9)	3.3	(8.1)
12/23/19 21:30	(45.7)	27.1	(0.0)	(19.1)	12/24/19 10:30	(6.9)	(6.6)	(8.3)	(17.0)
12/23/19 21:45	(18.1)	19.1	(0.0)	10.8	12/24/19 10:45	(17.0)	16.8	(3.7)	(5.3)
12/23/19 22:00	(31.8)	15.9	(0.0)	(15.9)	12/24/19 11:00	(22.2)	19.8	(4.5)	(5.8)
12/23/19 22:15	(12.1)	18.8	(0.0)	17.5	12/24/19 11:15	(15.3)	5.9	(3.1)	(16.1)
12/23/19 22:30	(19.7)	3.6	(0.0)	(17.1)	12/24/19 11:30	(24.0)	24.8	13.9	15.2
12/23/19 22:45	(36.1)	6.4	(0.0)	(30.3)	12/24/19 11:45	(8.2)	30.8	4.3	26.9
12/23/19 23:00	(53.0)	(11.0)	0.0	(63.9)	12/24/19 12:00	(11.1)	14.8	(1.8)	2.6
12/23/19 23:15	(28.7)	(24.6)	(0.0)	(53.3)	12/24/19 12:15	(13.2)	28.5	(10.2)	5.6
12/23/19 23:30	(29.6)	(36.4)	(0.0)	(66.0)	12/24/19 12:30	(23.5)	35.1	(10.2)	4.6
12/23/19 23:45	(9.7)	(24.3)	0.0	(30.8)	12/24/19 12:45	8.9	10.0	5.7	22.9
12/24/19 0:00	(15.2)	(8.7)	(0.0)	(22.7)	12/24/19 13:00	12.8	4.8	(4.1)	13.2

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/24/19 13:15	8.9	9.0	(3.8)	14.9	12/25/19 2:15	(4.0)	(3.8)	0.0	(7.2)
12/24/19 13:30	(9.3)	22.9	5.3	19.2	12/25/19 2:30	(6.6)	(9.8)	(0.0)	(16.4)
12/24/19 13:45	(15.4)	33.8	15.9	34.3	12/25/19 2:45	(4.0)	(7.7)	(0.0)	(11.7)
12/24/19 14:00	(5.6)	28.5	(13.6)	10.9	12/25/19 3:00	5.1	(12.8)	(0.0)	(8.6)
12/24/19 14:15	(20.5)	12.0	(4.8)	(13.3)	12/25/19 3:15	(1.8)	(24.8)	(0.0)	(25.5)
12/24/19 14:30	(12.5)	32.6	3.8	23.9	12/25/19 3:30	(0.6)	(31.9)	0.0	(32.0)
12/24/19 14:45	12.7	23.6	16.7	51.7	12/25/19 3:45	1.4	(19.5)	0.0	(18.5)
12/24/19 15:00	7.6	27.1	5.0	30.6	12/25/19 4:00	8.7	(29.8)	(0.0)	(21.1)
12/24/19 15:15	(18.3)	15.8	10.0	7.6	12/25/19 4:15	19.7	(9.1)	(0.0)	16.8
12/24/19 15:30	11.8	2.1	3.3	13.5	12/25/19 4:30	6.8	(10.3)	(0.0)	(5.9)
12/24/19 15:45	10.8	8.6	7.3	26.1	12/25/19 4:45	7.1	(34.3)	(0.0)	(27.2)
12/24/19 16:00	(8.0)	24.9	15.7	32.9	12/25/19 5:00	15.1	(32.6)	0.0	(18.0)
12/24/19 16:15	(6.5)	17.9	6.7	20.2	12/25/19 5:15	17.5	(8.4)	0.0	13.9
12/24/19 16:30	45.6	0.9	1.6	47.6	12/25/19 5:30	11.0	14.4	(0.0)	22.6
12/24/19 16:45	99.9	18.9	(1.9)	116.9	12/25/19 5:45	17.4	(20.9)	0.0	(4.6)
12/24/19 17:00	48.6	39.3	3.6	91.6	12/25/19 6:00	19.6	5.8	(0.0)	25.0
12/24/19 17:15	11.0	40.3	(0.2)	51.0	12/25/19 6:15	18.0	11.3	(0.0)	29.2
12/24/19 17:30	8.8	24.7	0.2	33.5	12/25/19 6:30	16.2	7.3	(0.0)	23.5
12/24/19 17:45	(2.2)	(8.9)	0.2	(10.8)	12/25/19 6:45	21.2	(2.9)	(0.0)	20.8
12/24/19 18:00	(12.8)	(26.3)	0.0	(38.8)	12/25/19 7:00	22.6	(5.9)	0.0	16.9
12/24/19 18:15	(23.9)	5.0	0.0	(22.4)	12/25/19 7:15	(3.1)	(16.6)	(0.0)	(18.1)
12/24/19 18:30	(15.0)	7.4	(0.0)	(7.5)	12/25/19 7:30	10.6	(27.2)	(1.1)	(17.7)
12/24/19 18:45	(19.0)	6.3	(0.0)	(12.8)	12/25/19 7:45	6.2	9.9	(1.0)	14.0
12/24/19 19:00	(17.7)	2.4	0.0	(17.6)	12/25/19 8:00	8.8	5.9	(1.3)	11.0
12/24/19 19:15	(29.4)	23.8	0.0	(9.1)	12/25/19 8:15	(29.0)	11.7	(8.6)	(24.9)
12/24/19 19:30	(15.0)	14.9	0.0	(5.5)	12/25/19 8:30	(26.3)	26.7	(25.7)	(25.4)
12/24/19 19:45	5.8	17.0	(0.0)	22.8	12/25/19 8:45	2.0	7.9	(10.4)	(4.7)
12/24/19 20:00	(7.5)	(5.1)	0.0	(10.0)	12/25/19 9:00	3.9	15.8	(6.1)	13.6
12/24/19 20:15	(11.9)	(37.2)	0.0	(49.2)	12/25/19 9:15	(8.8)	23.4	(1.7)	14.7
12/24/19 20:30	(12.4)	12.4	(0.1)	(4.8)	12/25/19 9:30	(16.5)	39.9	(0.4)	36.0
12/24/19 20:45	(11.0)	7.0	0.1	(4.7)	12/25/19 9:45	(34.4)	21.2	(0.4)	20.8
12/24/19 21:00	(11.2)	12.8	0.0	2.6	12/25/19 10:00	(24.5)	20.5	1.4	(11.0)
12/24/19 21:15	(9.6)	(4.2)	(0.0)	(11.7)	12/25/19 10:15	(22.3)	(5.7)	3.6	(22.4)
12/24/19 21:30	(21.8)	(13.0)	0.0	(34.6)	12/25/19 10:30	(36.5)	(23.6)	1.6	(59.1)
12/24/19 21:45	(13.7)	27.3	0.0	14.0	12/25/19 10:45	(28.9)	(21.0)	(2.0)	(51.1)
12/24/19 22:00	(29.0)	12.2	(0.0)	(20.8)	12/25/19 11:00	36.8	25.0	2.6	64.0
12/24/19 22:15	(17.5)	(20.0)	(0.0)	(37.6)	12/25/19 11:15	(6.8)	19.0	1.8	17.5
12/24/19 22:30	(25.0)	2.5	0.0	(23.2)	12/25/19 11:30	6.5	12.4	(1.3)	18.1
12/24/19 22:45	(26.6)	3.3	(0.0)	(25.2)	12/25/19 11:45	(2.7)	5.3	(1.3)	2.9
12/24/19 23:00	(23.8)	(5.6)	(0.0)	(27.8)	12/25/19 12:00	(4.6)	15.8	(9.6)	4.7
12/24/19 23:15	(10.9)	6.2	(0.0)	(8.6)	12/25/19 12:15	8.4	(9.1)	(10.1)	(10.7)
12/24/19 23:30	(24.4)	22.9	(0.0)	(4.4)	12/25/19 12:30	7.8	4.8	(7.6)	5.8
12/24/19 23:45	(23.5)	(5.9)	0.0	(29.2)	12/25/19 12:45	3.5	(8.6)	(4.5)	(9.5)
12/25/19 0:00	(24.6)	(6.3)	(0.0)	(30.9)	12/25/19 13:00	2.6	(5.8)	(2.8)	(6.6)
12/25/19 0:15	(21.1)	(3.2)	0.0	(22.1)	12/25/19 13:15	5.5	8.7	(5.9)	9.4
12/25/19 0:30	38.8	3.3	0.0	41.1	12/25/19 13:30	3.0	5.9	(1.3)	7.2
12/25/19 0:45	26.0	5.6	0.0	28.1	12/25/19 13:45	7.7	(3.9)	(2.5)	6.1
12/25/19 1:00	(32.8)	17.1	0.0	(18.9)	12/25/19 14:00	6.7	(13.2)	4.5	(3.1)
12/25/19 1:15	(9.4)	1.5	(0.0)	(8.3)	12/25/19 14:15	12.7	(22.3)	(5.4)	(14.7)
12/25/19 1:30	(3.5)	(7.8)	0.0	(9.8)	12/25/19 14:30	7.8	(18.1)	7.3	(4.8)
12/25/19 1:45	4.1	(5.8)	0.0	(2.9)	12/25/19 14:45	6.0	(16.5)	0.3	(10.5)
12/25/19 2:00	(1.4)	(10.9)	0.0	(11.2)	12/25/19 15:00	3.7	(24.8)	(2.6)	(24.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/25/19 15:15	2.3	(96.6)	14.5	(80.7)	12/26/19 4:15	19.9	14.0	(0.0)	33.9
12/25/19 15:30	8.9	(59.7)	15.6	(35.2)	12/26/19 4:30	15.9	8.0	0.0	23.9
12/25/19 15:45	11.1	(58.1)	17.3	(29.6)	12/26/19 4:45	17.6	(2.0)	(0.0)	15.8
12/25/19 16:00	14.6	(48.4)	16.8	(17.0)	12/26/19 5:00	22.5	(10.0)	0.0	12.4
12/25/19 16:15	13.9	(30.4)	15.1	(3.9)	12/26/19 5:15	30.7	(14.6)	(0.0)	16.1
12/25/19 16:30	42.4	(23.4)	7.6	27.2	12/26/19 5:30	30.6	(5.7)	(0.0)	24.8
12/25/19 16:45	53.5	21.9	2.2	77.6	12/26/19 5:45	31.3	(5.8)	0.0	25.6
12/25/19 17:00	41.4	(47.8)	0.1	(15.3)	12/26/19 6:00	29.9	(20.6)	0.0	9.8
12/25/19 17:15	18.6	(23.5)	(0.0)	(7.0)	12/26/19 6:15	19.4	(26.8)	(0.0)	(8.8)
12/25/19 17:30	5.2	(75.3)	(0.0)	(72.3)	12/26/19 6:30	32.1	(10.3)	(0.0)	21.8
12/25/19 17:45	(3.7)	(125.0)	(0.0)	(128.6)	12/26/19 6:45	29.7	(3.9)	0.0	26.4
12/25/19 18:00	(5.5)	(77.9)	0.0	(83.2)	12/26/19 7:00	27.7	(4.6)	(0.0)	24.3
12/25/19 18:15	(4.6)	38.2	(0.0)	33.9	12/26/19 7:15	9.0	(9.5)	(0.2)	(4.0)
12/25/19 18:30	(3.2)	47.4	0.0	44.8	12/26/19 7:30	28.2	9.9	(2.1)	36.0
12/25/19 18:45	(6.1)	(4.7)	(0.0)	(9.5)	12/26/19 7:45	29.9	17.1	(7.4)	39.5
12/25/19 19:00	(4.0)	(25.1)	(0.0)	(28.1)	12/26/19 8:00	(19.8)	21.9	(12.2)	(10.1)
12/25/19 19:15	(8.5)	12.5	0.0	6.5	12/26/19 8:15	38.3	14.3	(16.2)	36.5
12/25/19 19:30	(1.6)	7.6	(0.0)	6.5	12/26/19 8:30	14.3	5.9	(21.2)	(19.0)
12/25/19 19:45	11.2	92.3	(0.0)	103.5	12/26/19 8:45	(38.2)	(11.3)	(16.3)	(65.9)
12/25/19 20:00	(4.6)	104.2	0.0	100.7	12/26/19 9:00	21.2	8.2	(5.4)	25.3
12/25/19 20:15	(8.4)	87.1	(0.0)	78.6	12/26/19 9:15	(9.5)	17.5	(3.6)	7.7
12/25/19 20:30	(17.0)	(12.8)	0.0	(23.7)	12/26/19 9:30	(3.7)	19.2	(4.3)	11.2
12/25/19 20:45	(9.5)	(33.0)	0.0	(42.5)	12/26/19 9:45	16.8	7.2	(7.0)	15.6
12/25/19 21:00	(9.9)	(6.3)	0.0	(15.6)	12/26/19 10:00	8.1	4.6	(3.1)	10.1
12/25/19 21:15	(9.8)	14.9	(0.0)	5.9	12/26/19 10:15	(12.4)	3.6	2.5	11.1
12/25/19 21:30	(23.1)	12.2	(0.0)	(10.9)	12/26/19 10:30	(21.6)	13.6	5.0	(8.4)
12/25/19 21:45	(20.8)	36.9	0.0	18.8	12/26/19 10:45	(3.4)	(1.9)	(1.4)	(5.3)
12/25/19 22:00	(24.4)	93.6	(0.0)	69.1	12/26/19 11:00	(9.6)	(0.6)	2.2	(8.0)
12/25/19 22:15	(25.5)	52.1	(0.0)	26.6	12/26/19 11:15	(7.8)	1.0	(1.2)	(8.0)
12/25/19 22:30	(27.9)	52.2	(0.0)	24.2	12/26/19 11:30	9.1	4.8	2.5	13.8
12/25/19 22:45	(28.6)	23.2	0.0	(8.7)	12/26/19 11:45	(18.7)	6.6	1.1	(14.8)
12/25/19 23:00	(24.0)	2.9	0.0	(22.9)	12/26/19 12:00	(13.9)	3.5	1.5	(11.5)
12/25/19 23:15	(5.3)	(1.0)	(0.0)	(6.3)	12/26/19 12:15	(11.1)	1.4	(0.3)	(9.8)
12/25/19 23:30	(21.9)	12.5	(0.0)	(11.0)	12/26/19 12:30	(9.9)	1.9	(2.4)	(10.5)
12/25/19 23:45	(20.9)	41.5	0.0	20.7	12/26/19 12:45	(9.5)	(4.8)	6.2	(9.0)
12/26/19 0:00	(15.9)	36.5	(0.0)	21.6	12/26/19 13:00	(1.2)	(7.9)	(4.9)	(12.8)
12/26/19 0:15	6.4	10.4	0.0	16.6	12/26/19 13:15	(5.2)	(6.5)	7.0	(4.7)
12/26/19 0:30	(11.1)	7.1	0.0	(4.1)	12/26/19 13:30	(4.2)	(6.1)	1.1	(8.8)
12/26/19 0:45	(5.6)	13.3	0.0	7.7	12/26/19 13:45	(5.1)	(11.1)	(14.7)	(30.4)
12/26/19 1:00	(12.2)	13.3	(0.0)	3.0	12/26/19 14:00	(4.0)	(9.8)	3.9	(11.3)
12/26/19 1:15	(1.2)	(3.9)	(0.0)	(4.4)	12/26/19 14:15	(8.3)	(11.5)	(3.3)	(22.0)
12/26/19 1:30	(3.0)	12.6	0.0	9.6	12/26/19 14:30	32.8	(16.5)	3.9	22.2
12/26/19 1:45	2.5	15.0	0.0	15.3	12/26/19 14:45	13.1	(15.8)	8.0	5.4
12/26/19 2:00	(3.5)	21.5	0.0	20.2	12/26/19 15:00	9.3	(3.0)	16.6	23.2
12/26/19 2:15	(4.5)	20.8	(0.0)	16.8	12/26/19 15:15	(16.4)	8.3	9.4	13.4
12/26/19 2:30	(3.4)	6.3	(0.0)	3.1	12/26/19 15:30	37.7	(15.1)	13.5	36.1
12/26/19 2:45	2.5	1.0	(0.0)	3.0	12/26/19 15:45	27.1	(14.9)	5.4	17.5
12/26/19 3:00	(3.6)	(0.3)	(0.0)	(3.7)	12/26/19 16:00	(8.0)	(21.6)	10.0	(16.3)
12/26/19 3:15	(1.9)	(1.1)	0.0	(2.9)	12/26/19 16:15	16.5	(22.6)	17.4	12.2
12/26/19 3:30	4.2	1.6	(0.0)	5.9	12/26/19 16:30	61.6	(17.3)	9.0	53.3
12/26/19 3:45	(3.1)	(1.1)	0.0	(4.0)	12/26/19 16:45	40.9	(36.6)	2.4	8.5
12/26/19 4:00	18.6	8.2	0.0	26.7	12/26/19 17:00	27.8	(29.9)	0.2	(8.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/26/19 17:15	40.3	(29.7)	(0.0)	13.4	12/27/19 6:15	(17.9)	(6.8)	0.0	(15.8)
12/26/19 17:30	25.0	(35.6)	0.0	(10.5)	12/27/19 6:30	(20.1)	17.7	(0.0)	20.7
12/26/19 17:45	(21.7)	(11.8)	0.0	(33.5)	12/27/19 6:45	28.5	8.8	0.0	34.2
12/26/19 18:00	14.5	(2.2)	(0.0)	13.7	12/27/19 7:00	58.2	9.9	(0.0)	59.6
12/26/19 18:15	(10.3)	2.7	0.0	(10.0)	12/27/19 7:15	16.7	39.6	(0.0)	54.0
12/26/19 18:30	(10.2)	(8.2)	(0.0)	(18.4)	12/27/19 7:30	28.2	15.3	(0.3)	42.3
12/26/19 18:45	(24.9)	(10.5)	0.0	(33.8)	12/27/19 7:45	4.5	(6.7)	(2.5)	(5.7)
12/26/19 19:00	9.7	(12.0)	(0.0)	(13.2)	12/27/19 8:00	(25.1)	(33.1)	(4.0)	(59.1)
12/26/19 19:15	(10.7)	(6.7)	0.0	(17.0)	12/27/19 8:15	39.1	(11.2)	(2.3)	28.1
12/26/19 19:30	(19.8)	(13.9)	(0.0)	(33.3)	12/27/19 8:30	6.2	(46.7)	(1.2)	(44.2)
12/26/19 19:45	(8.6)	(6.9)	0.0	(11.9)	12/27/19 8:45	(24.7)	35.6	1.0	14.7
12/26/19 20:00	(17.1)	13.5	(0.0)	(5.6)	12/27/19 9:00	(9.5)	70.2	(8.9)	57.8
12/26/19 20:15	(21.2)	26.5	(0.0)	12.6	12/27/19 9:15	13.7	28.3	3.9	45.0
12/26/19 20:30	9.0	15.6	0.0	21.9	12/27/19 9:30	20.9	34.2	(2.3)	52.9
12/26/19 20:45	(18.7)	(51.7)	0.0	(70.4)	12/27/19 9:45	34.6	(27.9)	(4.5)	9.9
12/26/19 21:00	(31.4)	(11.1)	(0.0)	(42.5)	12/27/19 10:00	18.9	(13.3)	1.9	7.7
12/26/19 21:15	8.4	(34.8)	(0.0)	(31.1)	12/27/19 10:15	(15.2)	(4.6)	(10.6)	(26.7)
12/26/19 21:30	(13.6)	(25.7)	0.0	(38.7)	12/27/19 10:30	9.2	(35.3)	(3.5)	(34.2)
12/26/19 21:45	(31.2)	7.4	(0.0)	(25.4)	12/27/19 10:45	(30.9)	24.2	(9.7)	(19.4)
12/26/19 22:00	(63.6)	30.5	(0.0)	(33.2)	12/27/19 11:00	(62.7)	10.6	9.7	(43.2)
12/26/19 22:15	(16.1)	35.7	0.0	20.4	12/27/19 11:15	(18.0)	21.3	(4.5)	12.7
12/26/19 22:30	(19.9)	23.3	(0.0)	7.6	12/27/19 11:30	37.9	(22.7)	(6.8)	11.8
12/26/19 22:45	(37.8)	(9.2)	(0.0)	(45.4)	12/27/19 11:45	(40.3)	(22.3)	8.9	(54.1)
12/26/19 23:00	(40.5)	10.5	0.0	(33.9)	12/27/19 12:00	22.8	(53.7)	(4.6)	(38.3)
12/26/19 23:15	(8.3)	4.4	(0.0)	10.6	12/27/19 12:15	14.0	(61.3)	(6.3)	(50.8)
12/26/19 23:30	(41.3)	3.5	(0.0)	(37.8)	12/27/19 12:30	(10.9)	40.3	5.9	42.0
12/26/19 23:45	(28.8)	(22.0)	0.0	(47.8)	12/27/19 12:45	19.0	35.8	2.4	56.4
12/27/19 0:00	(14.7)	(32.4)	(0.0)	(45.6)	12/27/19 13:00	(20.3)	14.7	(8.4)	(30.3)
12/27/19 0:15	(7.7)	(8.9)	(0.0)	(11.1)	12/27/19 13:15	(26.1)	(56.3)	4.1	(82.2)
12/27/19 0:30	9.5	(25.3)	0.0	(18.4)	12/27/19 13:30	(5.9)	(30.6)	12.8	(23.0)
12/27/19 0:45	(9.6)	(35.8)	0.0	(42.6)	12/27/19 13:45	(26.3)	(12.7)	5.2	(34.8)
12/27/19 1:00	(17.3)	(12.9)	0.0	(30.3)	12/27/19 14:00	5.3	82.9	6.1	92.7
12/27/19 1:15	(11.9)	(25.7)	0.0	(34.5)	12/27/19 14:15	12.8	61.5	3.0	70.4
12/27/19 1:30	(8.5)	(14.6)	(0.0)	(19.0)	12/27/19 14:30	15.8	(28.6)	4.5	(21.8)
12/27/19 1:45	(11.4)	(11.2)	(0.0)	(22.5)	12/27/19 14:45	6.3	(71.1)	0.7	(69.4)
12/27/19 2:00	12.0	(29.3)	0.0	(29.7)	12/27/19 15:00	(10.8)	(4.7)	1.1	(14.4)
12/27/19 2:15	5.9	16.8	(0.0)	18.6	12/27/19 15:15	12.8	(5.9)	0.5	7.3
12/27/19 2:30	(17.7)	30.6	0.0	18.7	12/27/19 15:30	16.2	7.0	2.4	19.6
12/27/19 2:45	3.0	13.1	(0.0)	14.3	12/27/19 15:45	7.7	25.8	2.5	30.9
12/27/19 3:00	19.3	3.1	(0.0)	21.1	12/27/19 16:00	45.7	28.1	1.7	75.4
12/27/19 3:15	(9.2)	6.8	(0.0)	10.9	12/27/19 16:15	37.0	25.7	1.4	64.2
12/27/19 3:30	(14.1)	6.9	0.0	(8.3)	12/27/19 16:30	16.6	(17.2)	0.4	(7.1)
12/27/19 3:45	16.2	1.0	(0.0)	16.3	12/27/19 16:45	72.3	(16.6)	0.1	55.7
12/27/19 4:00	9.5	(2.9)	(0.0)	7.7	12/27/19 17:00	34.8	25.5	0.0	60.2
12/27/19 4:15	23.8	(6.8)	0.0	18.0	12/27/19 17:15	(6.3)	35.5	(0.0)	35.0
12/27/19 4:30	34.5	36.1	0.0	70.6	12/27/19 17:30	(20.1)	19.7	(0.0)	6.3
12/27/19 4:45	18.2	61.7	(0.0)	74.3	12/27/19 17:45	19.5	3.8	0.0	23.3
12/27/19 5:00	34.4	23.1	(0.0)	57.0	12/27/19 18:00	(6.3)	14.3	0.1	12.2
12/27/19 5:15	28.5	(3.4)	(0.0)	25.1	12/27/19 18:15	(14.0)	33.1	(0.0)	19.5
12/27/19 5:30	(33.0)	24.3	(0.0)	(10.1)	12/27/19 18:30	(28.0)	35.3	(0.0)	13.3
12/27/19 5:45	29.4	28.3	(0.0)	55.2	12/27/19 18:45	(8.8)	10.4	(0.0)	12.2
12/27/19 6:00	36.8	9.3	(0.0)	45.3	12/27/19 19:00	(15.0)	(2.3)	0.0	(16.6)

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	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/27/19 19:15	(40.3)	18.7	(0.0)	(23.8)	12/28/19 8:15	26.9	(6.3)	(0.2)	21.2
12/27/19 19:30	17.5	(1.7)	(0.0)	16.5	12/28/19 8:30	21.6	(3.5)	(0.1)	18.3
12/27/19 19:45	(17.0)	2.8	0.0	(14.3)	12/28/19 8:45	26.9	12.0	(0.2)	38.7
12/27/19 20:00	(23.9)	(8.3)	0.0	(32.2)	12/28/19 9:00	12.9	4.0	(1.0)	16.4
12/27/19 20:15	9.1	3.6	0.0	12.7	12/28/19 9:15	16.4	(7.5)	(0.8)	12.9
12/27/19 20:30	(17.1)	(3.3)	(0.0)	(19.0)	12/28/19 9:30	7.6	(7.2)	(1.4)	(6.1)
12/27/19 20:45	(20.4)	8.7	0.0	(11.7)	12/28/19 9:45	9.3	(19.5)	(0.7)	(14.9)
12/27/19 21:00	(46.3)	10.1	0.0	(36.1)	12/28/19 10:00	11.0	(1.7)	(1.7)	9.7
12/27/19 21:15	(4.9)	34.7	(0.0)	33.5	12/28/19 10:15	28.1	8.3	(0.3)	35.0
12/27/19 21:30	(23.5)	12.2	0.0	(16.7)	12/28/19 10:30	(14.5)	(12.1)	(0.2)	(25.7)
12/27/19 21:45	(47.7)	9.7	(0.0)	(38.5)	12/28/19 10:45	15.4	(25.5)	(0.4)	(25.3)
12/27/19 22:00	(11.6)	9.2	(0.0)	(5.5)	12/28/19 11:00	18.3	(24.2)	0.3	(11.3)
12/27/19 22:15	(26.2)	(3.8)	(0.0)	(30.0)	12/28/19 11:15	16.1	(20.7)	(0.4)	(5.1)
12/27/19 22:30	(43.2)	(5.5)	0.0	(48.6)	12/28/19 11:30	(14.6)	(27.4)	(0.5)	(40.5)
12/27/19 22:45	(13.8)	(1.9)	0.0	(15.3)	12/28/19 11:45	29.7	(36.1)	(0.5)	(7.5)
12/27/19 23:00	15.4	(8.5)	(0.0)	(13.3)	12/28/19 12:00	5.8	14.1	(1.2)	18.9
12/27/19 23:15	(32.0)	(3.4)	(0.0)	(35.2)	12/28/19 12:15	(30.2)	(20.6)	(3.4)	(54.2)
12/27/19 23:30	(14.7)	(2.6)	0.0	(17.3)	12/28/19 12:30	16.7	(25.8)	(3.8)	(15.5)
12/27/19 23:45	(17.2)	4.7	(0.0)	(14.5)	12/28/19 12:45	5.2	(26.9)	(3.8)	(25.8)
12/28/19 0:00	(16.1)	7.0	0.0	(9.2)	12/28/19 13:00	(17.7)	(15.4)	(0.3)	(33.2)
12/28/19 0:15	(24.1)	5.1	0.0	(19.1)	12/28/19 13:15	(11.8)	(10.5)	0.3	(21.8)
12/28/19 0:30	(9.5)	(0.2)	0.0	(9.5)	12/28/19 13:30	20.1	(8.0)	(1.7)	13.0
12/28/19 0:45	(9.8)	(0.4)	(0.0)	(10.2)	12/28/19 13:45	1.5	12.5	(3.4)	9.8
12/28/19 1:00	(32.4)	(0.4)	0.0	(32.5)	12/28/19 14:00	(35.1)	(20.8)	(1.9)	(57.6)
12/28/19 1:15	7.4	3.9	(0.0)	10.3	12/28/19 14:15	(14.3)	(13.7)	(7.3)	(35.4)
12/28/19 1:30	15.8	(12.3)	(0.0)	7.8	12/28/19 14:30	(5.3)	(8.8)	(7.3)	(19.8)
12/28/19 1:45	10.6	2.4	0.0	10.7	12/28/19 14:45	16.8	(7.8)	(4.6)	6.9
12/28/19 2:00	(41.3)	16.0	(0.0)	(25.3)	12/28/19 15:00	26.8	56.7	8.1	91.2
12/28/19 2:15	(9.4)	8.4	0.0	6.8	12/28/19 15:15	15.4	11.5	10.9	37.7
12/28/19 2:30	(28.1)	(13.2)	(0.0)	(41.3)	12/28/19 15:30	(20.0)	23.0	8.8	16.1
12/28/19 2:45	(4.1)	4.4	0.0	3.2	12/28/19 15:45	(14.6)	(25.4)	4.3	(25.6)
12/28/19 3:00	2.9	11.2	0.0	14.1	12/28/19 16:00	14.9	(21.5)	6.3	(3.0)
12/28/19 3:15	(3.5)	3.8	(0.0)	6.8	12/28/19 16:15	26.2	(14.9)	4.3	21.3
12/28/19 3:30	14.7	(15.6)	0.0	(16.0)	12/28/19 16:30	49.2	(10.9)	2.3	41.0
12/28/19 3:45	17.4	(2.5)	0.0	16.5	12/28/19 16:45	63.9	(16.1)	1.3	49.3
12/28/19 4:00	25.7	1.1	0.0	26.9	12/28/19 17:00	47.7	(22.5)	0.1	25.8
12/28/19 4:15	14.3	0.1	(0.0)	14.3	12/28/19 17:15	(19.6)	12.2	(0.0)	16.5
12/28/19 4:30	21.7	1.2	(0.0)	22.8	12/28/19 17:30	15.6	(15.2)	(0.0)	(13.6)
12/28/19 4:45	11.4	(2.4)	(0.0)	10.2	12/28/19 17:45	(12.6)	(18.6)	0.0	(30.8)
12/28/19 5:00	9.7	1.2	(0.0)	10.1	12/28/19 18:00	(45.1)	(13.8)	(0.0)	(58.8)
12/28/19 5:15	16.4	0.5	0.0	16.0	12/28/19 18:15	14.6	(8.9)	(0.0)	9.7
12/28/19 5:30	34.0	(1.5)	(0.0)	32.7	12/28/19 18:30	5.2	(6.3)	0.0	(8.9)
12/28/19 5:45	23.0	3.4	0.0	26.4	12/28/19 18:45	(20.6)	(6.4)	0.0	(25.6)
12/28/19 6:00	(18.1)	0.8	0.0	(17.6)	12/28/19 19:00	5.7	(16.6)	(0.0)	(16.0)
12/28/19 6:15	47.1	(5.0)	0.0	42.0	12/28/19 19:15	(7.7)	(9.7)	(0.0)	(17.2)
12/28/19 6:30	28.9	(5.8)	0.0	23.1	12/28/19 19:30	(35.9)	(2.8)	(0.0)	(38.7)
12/28/19 6:45	(18.9)	(8.6)	(0.0)	(22.7)	12/28/19 19:45	10.7	(16.0)	0.0	(12.5)
12/28/19 7:00	(21.3)	(5.4)	(0.0)	(25.1)	12/28/19 20:00	(10.7)	(32.7)	(0.0)	(40.7)
12/28/19 7:15	16.2	(4.6)	(0.0)	11.7	12/28/19 20:15	(17.6)	(12.1)	0.0	(25.8)
12/28/19 7:30	10.8	(29.4)	(0.0)	(22.1)	12/28/19 20:30	12.2	(10.9)	(0.0)	(8.9)
12/28/19 7:45	18.7	(37.8)	(0.8)	(29.5)	12/28/19 20:45	(10.9)	(21.9)	0.0	(32.8)
12/28/19 8:00	32.8	(17.2)	(1.5)	14.1	12/28/19 21:00	(45.1)	(6.6)	0.0	(51.7)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/28/19 21:15	11.7	(8.6)	0.0	(5.9)	12/29/19 10:15	11.4	(15.8)	2.1	16.7
12/28/19 21:30	(17.8)	(8.6)	(0.0)	(26.3)	12/29/19 10:30	18.6	55.3	2.0	75.3
12/28/19 21:45	(38.6)	(2.9)	0.0	(41.5)	12/29/19 10:45	(16.9)	(3.6)	0.8	(18.2)
12/28/19 22:00	(9.9)	2.4	(0.0)	(10.3)	12/29/19 11:00	12.7	(0.8)	(0.4)	12.7
12/28/19 22:15	(29.7)	7.5	(0.0)	(22.8)	12/29/19 11:15	(13.3)	6.8	3.3	(7.2)
12/28/19 22:30	(42.7)	6.7	0.0	(36.2)	12/29/19 11:30	(15.8)	(11.2)	(0.5)	(26.5)
12/28/19 22:45	(25.5)	(5.2)	(0.0)	(29.0)	12/29/19 11:45	9.1	(1.7)	0.3	8.5
12/28/19 23:00	(12.6)	3.3	(0.0)	(10.7)	12/29/19 12:00	3.6	2.8	0.6	6.5
12/28/19 23:15	(26.0)	(5.9)	(0.0)	(30.5)	12/29/19 12:15	(44.6)	(21.1)	0.3	(65.0)
12/28/19 23:30	(33.9)	(5.0)	(0.0)	(39.0)	12/29/19 12:30	(3.4)	(58.0)	(0.9)	(59.5)
12/28/19 23:45	(12.4)	(15.2)	0.0	(20.6)	12/29/19 12:45	(4.0)	(16.1)	0.6	(17.3)
12/29/19 0:00	(22.3)	(14.2)	(0.0)	(36.5)	12/29/19 13:00	(3.2)	4.3	(1.5)	(6.0)
12/29/19 0:15	(28.2)	(3.5)	(0.0)	(31.4)	12/29/19 13:15	(5.7)	13.1	1.3	8.1
12/29/19 0:30	(9.3)	3.0	0.0	(8.6)	12/29/19 13:30	(4.6)	(6.4)	(0.8)	(10.5)
12/29/19 0:45	(16.9)	(9.6)	0.0	(26.5)	12/29/19 13:45	(3.3)	(6.7)	(0.8)	(9.3)
12/29/19 1:00	33.8	(4.4)	(0.0)	32.7	12/29/19 14:00	(5.6)	5.7	(2.3)	(2.9)
12/29/19 1:15	14.8	5.9	0.0	20.1	12/29/19 14:15	(4.6)	10.6	(3.3)	3.8
12/29/19 1:30	(9.9)	(8.5)	0.0	(18.3)	12/29/19 14:30	6.7	(9.3)	0.2	(4.5)
12/29/19 1:45	(29.6)	(13.4)	(0.0)	(40.4)	12/29/19 14:45	(1.9)	(11.8)	0.7	(13.3)
12/29/19 2:00	20.1	(12.1)	(0.0)	11.9	12/29/19 15:00	8.8	(29.3)	6.7	(15.0)
12/29/19 2:15	9.8	(10.3)	0.0	(3.6)	12/29/19 15:15	(5.9)	(26.5)	8.8	(19.7)
12/29/19 2:30	(11.9)	5.4	(0.0)	(11.0)	12/29/19 15:30	20.6	(14.2)	14.2	20.6
12/29/19 2:45	8.7	12.6	0.0	20.3	12/29/19 15:45	18.3	(20.6)	18.5	16.2
12/29/19 3:00	(6.0)	6.0	(0.0)	(4.9)	12/29/19 16:00	32.8	(24.4)	17.2	25.7
12/29/19 3:15	(70.8)	30.0	0.0	(40.7)	12/29/19 16:15	26.9	(16.2)	16.4	27.0
12/29/19 3:30	(15.8)	(6.9)	0.0	(14.5)	12/29/19 16:30	47.7	(14.5)	9.6	42.8
12/29/19 3:45	9.1	(13.3)	(0.0)	(4.2)	12/29/19 16:45	59.2	(19.0)	3.0	43.2
12/29/19 4:00	(1.8)	(4.6)	(0.0)	(6.0)	12/29/19 17:00	63.1	(9.3)	0.4	54.2
12/29/19 4:15	5.5	(8.3)	(0.0)	(4.0)	12/29/19 17:15	35.8	3.0	(0.0)	37.1
12/29/19 4:30	16.1	(4.8)	0.0	13.0	12/29/19 17:30	27.7	4.4	(0.0)	31.1
12/29/19 4:45	11.1	(28.1)	0.0	(17.4)	12/29/19 17:45	7.0	7.3	0.0	14.3
12/29/19 5:00	6.8	33.3	(0.0)	39.9	12/29/19 18:00	30.6	6.2	(0.0)	36.8
12/29/19 5:15	6.6	(13.5)	(0.0)	(8.9)	12/29/19 18:15	(5.3)	2.1	(0.0)	(3.5)
12/29/19 5:30	10.1	(30.5)	(0.0)	(21.0)	12/29/19 18:30	5.3	12.7	(0.0)	17.7
12/29/19 5:45	23.1	(1.1)	(0.0)	22.1	12/29/19 18:45	(12.7)	4.5	0.0	(9.2)
12/29/19 6:00	46.7	(10.3)	0.0	36.5	12/29/19 19:00	(16.5)	4.3	0.0	(14.4)
12/29/19 6:15	16.6	(16.1)	(0.0)	(12.2)	12/29/19 19:15	(4.5)	11.9	(0.0)	7.7
12/29/19 6:30	(15.6)	(21.9)	(0.0)	(32.0)	12/29/19 19:30	(9.4)	12.4	0.0	3.4
12/29/19 6:45	27.4	(15.2)	(0.0)	12.3	12/29/19 19:45	(9.9)	27.2	0.0	18.0
12/29/19 7:00	19.6	(18.4)	0.0	2.9	12/29/19 20:00	(3.3)	21.8	(0.0)	19.9
12/29/19 7:15	23.2	(6.3)	(0.2)	19.1	12/29/19 20:15	(5.7)	3.1	(0.0)	(3.0)
12/29/19 7:30	9.4	(1.5)	(1.8)	7.8	12/29/19 20:30	(12.7)	7.8	(0.0)	(4.9)
12/29/19 7:45	13.0	(5.2)	(7.0)	5.2	12/29/19 20:45	(17.3)	8.3	0.0	(8.9)
12/29/19 8:00	34.1	6.2	(12.2)	27.9	12/29/19 21:00	(18.4)	5.8	(0.0)	(12.8)
12/29/19 8:15	12.9	11.3	(14.8)	9.3	12/29/19 21:15	(17.2)	19.2	(0.0)	4.8
12/29/19 8:30	(25.0)	22.1	(14.7)	(18.3)	12/29/19 21:30	(28.9)	9.0	0.0	(19.9)
12/29/19 8:45	12.2	6.9	(17.2)	3.4	12/29/19 21:45	(18.4)	10.3	0.0	(13.1)
12/29/19 9:00	(4.9)	8.9	(11.1)	(6.3)	12/29/19 22:00	(18.4)	9.4	0.0	(14.3)
12/29/19 9:15	(9.3)	(5.5)	(7.0)	(19.0)	12/29/19 22:15	(46.0)	9.2	(0.0)	(37.1)
12/29/19 9:30	2.9	10.7	(7.6)	6.1	12/29/19 22:30	(53.1)	12.2	(0.0)	(40.8)
12/29/19 9:45	2.9	(6.2)	(2.1)	(5.8)	12/29/19 22:45	(24.8)	(9.8)	0.0	(33.8)
12/29/19 10:00	(10.1)	(10.2)	(0.3)	(19.8)	12/29/19 23:00	(26.5)	(11.7)	(0.0)	(36.6)

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/29/19 23:15	(16.2)	1.2	(0.0)	(15.2)	12/30/19 12:15	(2.7)	(21.9)	0.5	(23.8)
12/29/19 23:30	32.1	(2.3)	0.0	30.1	12/30/19 12:30	(13.3)	(9.1)	0.0	(22.2)
12/29/19 23:45	6.7	(4.0)	0.0	(7.6)	12/30/19 12:45	(4.8)	52.5	(0.3)	47.4
12/30/19 0:00	(17.7)	(7.1)	(0.0)	(24.2)	12/30/19 13:00	8.1	15.4	(0.7)	22.8
12/30/19 0:15	(32.4)	(12.6)	0.0	(44.9)	12/30/19 13:15	3.4	(7.4)	(1.5)	(6.8)
12/30/19 0:30	23.1	(10.1)	0.0	17.0	12/30/19 13:30	(3.7)	13.3	(1.5)	8.1
12/30/19 0:45	5.0	(9.9)	(0.0)	(4.9)	12/30/19 13:45	(5.1)	16.9	(2.3)	9.5
12/30/19 1:00	(32.8)	(8.9)	(0.0)	(35.3)	12/30/19 14:00	26.9	21.5	(1.3)	47.2
12/30/19 1:15	18.1	12.8	(0.0)	22.7	12/30/19 14:15	(10.8)	51.8	(0.6)	40.5
12/30/19 1:30	(4.7)	(3.5)	0.1	(7.6)	12/30/19 14:30	(13.7)	74.6	0.3	62.7
12/30/19 1:45	(17.1)	11.0	0.0	(6.7)	12/30/19 14:45	(19.5)	77.0	(0.3)	59.0
12/30/19 2:00	17.0	7.0	(0.0)	13.3	12/30/19 15:00	4.2	55.2	2.8	62.1
12/30/19 2:15	13.8	(3.7)	(0.0)	11.1	12/30/19 15:15	4.5	51.3	11.2	67.0
12/30/19 2:30	(13.3)	(9.3)	0.0	(20.5)	12/30/19 15:30	20.1	27.9	17.1	65.0
12/30/19 2:45	6.5	(10.2)	(0.0)	(9.6)	12/30/19 15:45	21.2	21.1	19.1	61.3
12/30/19 3:00	(16.1)	(12.7)	(0.0)	(25.1)	12/30/19 16:00	24.3	18.2	17.4	59.9
12/30/19 3:15	25.9	(2.3)	(0.0)	23.6	12/30/19 16:15	29.4	4.1	16.8	49.3
12/30/19 3:30	(12.0)	2.3	0.0	(9.8)	12/30/19 16:30	50.2	(2.0)	9.9	59.3
12/30/19 3:45	18.9	16.0	0.0	31.7	12/30/19 16:45	57.7	2.9	3.1	63.7
12/30/19 4:00	20.8	11.0	0.0	31.9	12/30/19 17:00	48.9	16.2	0.5	65.2
12/30/19 4:15	6.4	(19.3)	(0.0)	(17.8)	12/30/19 17:15	18.0	(8.1)	(0.0)	9.9
12/30/19 4:30	16.3	(15.3)	0.0	(12.2)	12/30/19 17:30	27.6	(6.7)	(0.0)	21.5
12/30/19 4:45	29.6	(10.3)	(0.0)	19.2	12/30/19 17:45	17.1	(1.7)	(0.0)	16.9
12/30/19 5:00	15.4	8.5	0.1	20.9	12/30/19 18:00	(12.6)	2.8	(0.0)	(12.3)
12/30/19 5:15	11.7	6.9	(0.1)	16.1	12/30/19 18:15	(17.6)	(4.6)	(0.0)	(21.8)
12/30/19 5:30	(20.6)	(4.8)	0.0	(25.1)	12/30/19 18:30	(7.3)	6.4	0.0	(1.5)
12/30/19 5:45	27.3	(6.7)	(0.0)	20.5	12/30/19 18:45	(12.2)	2.4	0.0	(11.1)
12/30/19 6:00	24.4	7.6	(0.0)	31.2	12/30/19 19:00	(17.7)	(17.7)	(0.0)	(35.3)
12/30/19 6:15	50.5	9.1	(0.0)	59.2	12/30/19 19:15	(13.3)	(4.3)	(0.0)	(16.5)
12/30/19 6:30	28.3	(2.9)	0.0	26.2	12/30/19 19:30	(9.2)	13.3	0.0	4.9
12/30/19 6:45	36.2	11.0	(0.0)	46.0	12/30/19 19:45	(33.4)	11.6	0.0	(21.7)
12/30/19 7:00	21.3	5.4	0.0	26.7	12/30/19 20:00	(18.1)	(17.6)	(0.0)	(32.1)
12/30/19 7:15	6.7	17.8	0.1	21.0	12/30/19 20:15	13.3	(25.4)	(0.0)	(12.1)
12/30/19 7:30	11.6	(4.8)	(2.4)	8.9	12/30/19 20:30	13.8	(39.3)	0.0	(30.6)
12/30/19 7:45	(12.7)	(5.8)	(8.1)	(21.9)	12/30/19 20:45	10.0	(36.1)	(0.0)	(30.3)
12/30/19 8:00	14.9	24.6	(14.1)	23.6	12/30/19 21:00	(29.3)	(69.8)	(0.0)	(99.1)
12/30/19 8:15	(11.7)	25.1	(18.1)	(5.0)	12/30/19 21:15	(30.2)	(71.9)	0.0	(102.1)
12/30/19 8:30	(36.5)	20.5	(17.8)	(33.8)	12/30/19 21:30	(9.4)	(71.6)	0.0	(77.1)
12/30/19 8:45	20.6	18.1	(15.5)	22.2	12/30/19 21:45	(27.0)	(74.9)	(0.0)	(102.0)
12/30/19 9:00	(7.0)	(6.6)	(12.3)	(23.5)	12/30/19 22:00	(55.0)	(59.2)	(0.0)	(114.2)
12/30/19 9:15	(39.3)	(18.7)	(4.1)	(62.1)	12/30/19 22:15	7.9	(33.3)	0.0	(28.0)
12/30/19 9:30	21.4	(20.2)	(3.2)	(6.3)	12/30/19 22:30	(31.2)	(15.3)	(0.0)	(46.6)
12/30/19 9:45	(6.9)	(34.6)	(1.6)	(43.1)	12/30/19 22:45	(53.0)	(15.3)	(0.0)	(68.3)
12/30/19 10:00	(21.8)	(30.8)	(0.3)	(52.3)	12/30/19 23:00	(51.8)	(18.7)	0.0	(70.5)
12/30/19 10:15	(8.0)	(17.4)	0.3	(22.9)	12/30/19 23:15	(18.6)	(5.8)	0.0	(24.4)
12/30/19 10:30	14.7	(10.3)	1.2	(15.4)	12/30/19 23:30	24.2	69.6	(0.0)	93.8
12/30/19 10:45	7.9	4.9	1.9	10.7	12/30/19 23:45	(17.8)	29.7	0.0	11.9
12/30/19 11:00	(35.1)	4.8	1.2	(31.5)	12/31/19 0:00	4.0	9.7	(0.0)	7.0
12/30/19 11:15	(19.5)	16.6	0.7	(9.8)	12/31/19 0:15	29.5	(23.2)	0.0	8.6
12/30/19 11:30	(5.9)	26.5	0.8	21.4	12/31/19 0:30	8.1	20.9	0.0	21.6
12/30/19 11:45	(17.6)	(12.5)	0.2	(29.8)	12/31/19 0:45	(46.2)	33.1	0.0	(16.5)
12/30/19 12:00	(9.3)	(13.2)	1.2	(21.1)	12/31/19 1:00	(13.0)	15.5	0.0	7.3

Exhibit XES-0002

	Load	Wind	Solar	NetLoad		Load	Wind	Solar	NetLoad
	Following	Following	Following	Following		Following	Following	Following	Following
DateTime	÷ 2	÷ 2	÷ 2	÷ 2	DateTime	÷ 2	÷ 2	÷ 2	÷ 2
12/31/19 1:15	(4.3)	53.9	0.0	50.3	12/31/19 14:15	(22.7)	(30.1)	(0.7)	(49.1)
12/31/19 1:30	(11.3)	44.7	(0.0)	33.6	12/31/19 14:30	(18.9)	(11.3)	0.2	(29.9)
12/31/19 1:45	(3.9)	22.8	(0.0)	19.0	12/31/19 14:45	12.4	(9.0)	0.5	4.4
12/31/19 2:00	(3.2)	24.2	0.0	21.0	12/31/19 15:00	8.0	(32.5)	3.0	(21.5)
12/31/19 2:15	(1.8)	12.5	(0.0)	12.0	12/31/19 15:15	16.9	(57.2)	10.5	(29.8)
12/31/19 2:30	(4.4)	25.2	0.0	20.8	12/31/19 15:30	24.2	(44.1)	16.6	(3.3)
12/31/19 2:45	26.9	23.5	0.0	49.1	12/31/19 15:45	26.9	(45.6)	19.1	1.0
12/31/19 3:00	(17.8)	11.2	0.0	12.1	12/31/19 16:00	26.7	(55.4)	17.5	(11.3)
12/31/19 3:15	(5.8)	4.4	(0.0)	(5.0)	12/31/19 16:15	23.4	(36.5)	16.9	4.7
12/31/19 3:30	28.4	10.8	0.0	39.2	12/31/19 16:30	47.2	(66.7)	10.9	(10.7)
12/31/19 3:45	9.6	24.2	0.0	33.8	12/31/19 16:45	71.4	(58.9)	3.4	18.7
12/31/19 4:00	(28.8)	4.1	(0.0)	(32.0)	12/31/19 17:00	57.8	(51.9)	0.5	15.6
12/31/19 4:15	20.4	(6.7)	(0.0)	16.7	12/31/19 17:15	49.5	(16.3)	0.0	33.1
12/31/19 4:30	16.6	(2.1)	0.0	14.6	12/31/19 17:30	41.4	(1.5)	(0.0)	40.4
12/31/19 4:45	(12.5)	10.0	0.0	9.1	12/31/19 17:45	14.6	9.5	(0.0)	23.6
12/31/19 5:00	32.5	19.1	(0.0)	51.5	12/31/19 18:00	(28.9)	15.1	(0.0)	(22.5)
12/31/19 5:15	28.2	12.0	0.0	40.2	12/31/19 18:15	(34.4)	(17.7)	0.0	(44.2)
12/31/19 5:30	24.1	(7.0)	0.1	17.9	12/31/19 18:30	(10.5)	(30.3)	(0.0)	(34.6)
12/31/19 5:45	(22.0)	9.6	0.0	(14.0)	12/31/19 18:45	(17.8)	(41.5)	0.0	(59.4)
12/31/19 6:00	20.0	11.4	(0.1)	30.4	12/31/19 19:00	(43.8)	(53.2)	0.0	(97.0)
12/31/19 6:15	22.6	20.2	(0.1)	41.6	12/31/19 19:15	(10.6)	(33.3)	(0.0)	(43.9)
12/31/19 6:30	32.6	31.2	(0.0)	62.4	12/31/19 19:30	(17.8)	(58.8)	0.0	(76.6)
12/31/19 6:45	37.5	8.1	(0.0)	44.9	12/31/19 19:45	(28.1)	(33.1)	(0.0)	(61.2)
12/31/19 7:00	29.1	(4.5)	0.0	24.8	12/31/19 20:00	(63.8)	6.5	0.0	(58.8)
12/31/19 7:15	(15.0)	5.6	(0.1)	12.0	12/31/19 20:15	(29.5)	28.5	0.0	21.9
12/31/19 7:30	9.3	6.2	(2.1)	12.8	12/31/19 20:30	15.6	38.0	0.0	47.2
12/31/19 7:45	(16.9)	(18.1)	(8.1)	(37.1)	12/31/19 20:45	(15.5)	25.4	(0.0)	9.9
12/31/19 8:00	6.0	(1.4)	(14.8)	(18.8)	12/31/19 21:00	(25.6)	37.9	(0.0)	25.1
12/31/19 8:15	22.8	11.7	(18.6)	19.7	12/31/19 21:15	41.6	38.7	0.0	76.8
12/31/19 8:30	(6.1)	12.1	(18.6)	(12.5)	12/31/19 21:30	(21.0)	20.7	0.0	(10.9)
12/31/19 8:45	(34.9)	12.3	(18.8)	(41.4)	12/31/19 21:45	(36.9)	12.9	(0.0)	(25.8)
12/31/19 9:00	13.4	30.0	(13.0)	27.1	12/31/19 22:00	(31.7)	53.0	(0.0)	22.4
12/31/19 9:15	(20.1)	48.2	(6.2)	21.9	12/31/19 22:15	(14.4)	33.7	0.0	21.2
12/31/19 9:30	(30.2)	34.1	(2.3)	13.5	12/31/19 22:30	(51.2)	26.9	(0.0)	(25.0)
12/31/19 9:45	17.9	19.8	(0.3)	30.6	12/31/19 22:45	(15.7)	38.4	0.0	29.8
12/31/19 10:00	(3.4)	28.6	0.2	27.8	12/31/19 23:00	(20.7)	47.8	(0.0)	27.3
12/31/19 10:15	(15.9)	19.8	1.0	20.7	12/31/19 23:15	(23.7)	36.3	0.0	17.0
12/31/19 10:30	8.9	12.8	1.7	16.5	12/31/19 23:30	(15.8)	58.0	(0.0)	49.9
12/31/19 10:45	(12.8)	5.3	2.5	(5.1)	12/31/19 23:45	(11.1)	33.1	0.0	24.3
12/31/19 11:00	(26.0)	14.0	1.7	(13.9)	1/1/20 0:00	(31.4)	17.4	0.0	(18.2)
12/31/19 11:15	12.5	5.5	1.4	13.1					
12/31/19 11:30	(10.8)	(4.8)	1.4	(10.9)					
12/31/19 11:45	(20.9)	7.5	0.9	(13.9)					
12/31/19 12:00	(30.0)	9.8	0.7	(20.2)					
12/31/19 12:15	(34.9)	19.4	0.3	(15.7)					
12/31/19 12:30	(10.5)	13.1	(0.3)	2.3					
12/31/19 12:45	(5.7)	9.5	(0.5)	7.5					
12/31/19 13:00	20.8	(11.9)	(0.6)	11.0					
12/31/19 13:15	6.5	16.4	(1.5)	21.1					
12/31/19 13:30	(47.1)	17.0	(1.5)	(33.3)					
12/31/19 13:45	21.9	(10.0)	(1.6)	12.0					
12/31/19 14:00	(6.9)	(28.7)	(1.0)	(32.5)					

Date/Time	Flex Reserve
1/1/2019 1:00	819.84
1/1/2019 2:00	602.22
1/1/2019 3:00	486
1/1/2019 4:00	341.7
1/1/2019 5:00	190.38
1/1/2019 6:00	148.26
1/1/2019 7:00	94.44
1/1/2019 8:00	42.18
1/1/2019 9:00	35.16
1/1/2019 10:00	48.42
1/1/2019 11:00	184.14
1/1/2019 12:00	333.12
1/1/2019 13:00	402.54
1/1/2019 14:00	368.22
1/1/2019 15:00	301.14
1/1/2019 16:00	244.2
1/1/2019 17:00	415.02
1/1/2019 18:00	558.54
1/1/2019 19:00	663.84
1/1/2019 20:00	676.32
1/1/2019 21:00	778.5
1/1/2019 22:00	795.66
1/1/2019 23:00	676.32
1/2/2019 0:00	638.1
1/2/2019 1:00	614.7
1/2/2019 2:00	608.46
1/2/2019 3:00	672.42
1/2/2019 4:00	737.94
1/2/2019 5:00	751.98
1/2/2019 6:00	751.2
1/2/2019 7:00	782.4
1/2/2019 8:00	710.64
1/2/2019 9:00	488.34
1/2/2019 10:00	223.92
1/2/2019 11:00	82.74
1/2/2019 12:00	63.24
1/2/2019 13:00	70.26
1/2/2019 14:00	140.46
1/2/2019 15:00	144.36
1/2/2019 16:00	143.58
1/2/2019 17:00	155.28
1/2/2019 18:00	225.48
1/2/2019 19:00	351.06
1/2/2019 20:00	443.88
1/2/2019 21:00	428.28
1/2/2019 22:00	226.26
1/2/2019 23:00	174
1/3/2019 0:00	215.34
1/3/2019 1:00	190.38
1/3/2019 2:00	220.8
1/3/2019 3:00	217.68
1/3/2019 4:00	223.92
1/3/2019 5:00	376.02
1/3/2019 6:00	527.34

Date/Time	Flex Reserve
1/3/2019 7:00	505.5
1/3/2019 8:00	430.62
1/3/2019 9:00	363.54
1/3/2019 10:00	343.26
1/3/2019 11:00	343.26
1/3/2019 12:00	322.2
1/3/2019 13:00	358.86
1/3/2019 14:00	457.14
1/3/2019 15:00	447
1/3/2019 16:00	350.28
1/3/2019 17:00	403.32
1/3/2019 18:00	563.22
1/3/2019 19:00	652.92
1/3/2019 20:00	696.6
1/3/2019 21:00	599.88
1/3/2019 22:00	583.5
1/3/2019 23:00	630.3
1/4/2019 0:00	717.66
1/4/2019 1:00	780.84
1/4/2019 2:00	867.42
1/4/2019 3:00	896
1/4/2019 4:00	896
1/4/2019 5:00	896
1/4/2019 6:00	896
1/4/2019 7:00	896
1/4/2019 8:00	896
1/4/2019 9:00	808.14
1/4/2019 10:00	598.32
1/4/2019 11:00	469.62
1/4/2019 12:00	450.12
1/4/2019 13:00	340.92
1/4/2019 14:00	271.5
1/4/2019 15:00	199.74
1/4/2019 16:00	166.98
1/4/2019 17:00	250.44
1/4/2019 18:00	441.54
1/4/2019 19:00	632.64
1/4/2019 20:00	710.64
1/4/2019 21:00	764.46
1/4/2019 22:00	876.78
1/4/2019 23:00	896
1/5/2019 0:00	896
1/5/2019 1:00	864.3
1/5/2019 2:00	528.9
1/5/2019 3:00	370.56
1/5/2019 4:00	327.66
1/5/2019 5:00	242.64
1/5/2019 6:00	229.38
1/5/2019 7:00	188.82
1/5/2019 8:00	225.48
1/5/2019 9:00	242.64
1/5/2019 10:00	188.04
1/5/2019 11:00	124.86
1/5/2019 12:00	123.3

Date/Time	Flex Reserve
1/5/2019 13:00	106.92
1/5/2019 14:00	51.54
1/5/2019 15:00	51.54
1/5/2019 16:00	74.16
1/5/2019 17:00	177.12
1/5/2019 18:00	354.18
1/5/2019 19:00	606.12
1/5/2019 20:00	684.12
1/5/2019 21:00	516.42
1/5/2019 22:00	185.7
1/5/2019 23:00	77.28
1/6/2019 0:00	50.76
1/6/2019 1:00	102.24
1/6/2019 2:00	115.5
1/6/2019 3:00	209.88
1/6/2019 4:00	334.68
1/6/2019 5:00	382.26
1/6/2019 6:00	553.08
1/6/2019 7:00	383.82
1/6/2019 8:00	480.54
1/6/2019 9:00	529.68
1/6/2019 10:00	479.76
1/6/2019 11:00	404.1
1/6/2019 12:00	351.84
1/6/2019 13:00	422.82
1/6/2019 14:00	499.26
1/6/2019 15:00	335.46
1/6/2019 16:00	313.62
1/6/2019 17:00	611.58
1/6/2019 18:00	733.26
1/6/2019 19:00	896
1/6/2019 20:00	896
1/6/2019 21:00	896
1/6/2019 22:00	896
1/6/2019 23:00	896
1/7/2019 0:00	896
1/7/2019 1:00	896
1/7/2019 2:00	896
1/7/2019 3:00	896
1/7/2019 4:00	896
1/7/2019 5:00	896
1/7/2019 6:00	896
1/7/2019 7:00	857.28
1/7/2019 8:00	755.1
1/7/2019 9:00	576.48
1/7/2019 10:00	450.12
1/7/2019 11:00	637.32
1/7/2019 12:00	896
1/7/2019 13:00	896
1/7/2019 14:00	896
1/7/2019 15:00	896
1/7/2019 16:00	896
1/7/2019 17:00	896
1/7/2019 18:00	896

Date/Time	Flex Reserve
1/7/2019 19:00	896
1/7/2019 20:00	896
1/7/2019 21:00	896
1/7/2019 22:00	896
1/7/2019 23:00	896
1/8/2019 0:00	896
1/8/2019 1:00	896
1/8/2019 2:00	896
1/8/2019 3:00	896
1/8/2019 4:00	896
1/8/2019 5:00	896
1/8/2019 6:00	896
1/8/2019 7:00	827.64
1/8/2019 8:00	726.24
1/8/2019 9:00	564.78
1/8/2019 10:00	544.5
1/8/2019 11:00	659.16
1/8/2019 12:00	819.06
1/8/2019 13:00	883.8
1/8/2019 14:00	896
1/8/2019 15:00	869.76
1/8/2019 16:00	721.56
1/8/2019 17:00	743.4
1/8/2019 18:00	872.88
1/8/2019 19:00	896
1/8/2019 20:00	896
1/8/2019 21:00	896
1/8/2019 22:00	896
1/8/2019 23:00	896
1/9/2019 0:00	896
1/9/2019 1:00	896
1/9/2019 2:00	708.3
1/9/2019 3:00	596.76
1/9/2019 4:00	611.58
1/9/2019 5:00	580.38
1/9/2019 6:00	636.54
1/9/2019 7:00	648.24
1/9/2019 8:00	832.32
1/9/2019 9:00	896
1/9/2019 10:00	856.5
1/9/2019 11:00	868.2
1/9/2019 12:00	896
1/9/2019 13:00	896
1/9/2019 14:00	781.62
1/9/2019 15:00	691.14
1/9/2019 16:00	743.4
1/9/2019 17:00	839.34
1/9/2019 18:00	896
1/9/2019 19:00	787.86
1/9/2019 20:00	424.38
1/9/2019 21:00	297.24
1/9/2019 22:00	294.12
1/9/2019 23:00	259.02
1/10/2019 0:00	304.26

Date/Time	Flex Reserve
1/10/2019 1:00	355.74
1/10/2019 2:00	411.12
1/10/2019 3:00	308.16
1/10/2019 4:00	287.88
1/10/2019 5:00	333.9
1/10/2019 6:00	386.94
1/10/2019 7:00	403.32
1/10/2019 8:00	389.28
1/10/2019 9:00	363.54
1/10/2019 10:00	259.8
1/10/2019 11:00	203.64
1/10/2019 12:00	248.88
1/10/2019 13:00	230.16
1/10/2019 14:00	255.9
1/10/2019 15:00	295.68
1/10/2019 16:00	388.5
1/10/2019 17:00	496.14
1/10/2019 18:00	624.06
1/10/2019 19:00	691.92
1/10/2019 20:00	598.32
1/10/2019 21:00	427.5
1/10/2019 22:00	303.48
1/10/2019 23:00	135.78
1/11/2019 0:00	118.62
1/11/2019 1:00	196.62
1/11/2019 2:00	379.92
1/11/2019 3:00	638.88
1/11/2019 4:00	565.56
1/11/2019 5:00	896
1/11/2019 6:00	896
1/11/2019 7:00	896
1/11/2019 8:00	896
1/11/2019 9:00	896
1/11/2019 10:00	896
1/11/2019 11:00	896
1/11/2019 12:00	896
1/11/2019 13:00	896
1/11/2019 14:00	896
1/11/2019 15:00	896
1/11/2019 16:00	896
1/11/2019 17:00	896
1/11/2019 18:00	896
1/11/2019 19:00	896
1/11/2019 20:00	896
1/11/2019 21:00	896
1/11/2019 22:00	896
1/11/2019 23:00	896
1/12/2019 0:00	896
1/12/2019 1:00	896
1/12/2019 2:00	896
1/12/2019 3:00	896
1/12/2019 4:00	896
1/12/2019 5:00	896
1/12/2019 6:00	896

Date/Time	Flex Reserve
1/12/2019 7:00	896
1/12/2019 8:00	896
1/12/2019 9:00	801.9
1/12/2019 10:00	597.54
1/12/2019 11:00	433.74
1/12/2019 12:00	416.58
1/12/2019 13:00	407.22
1/12/2019 14:00	309.72
1/12/2019 15:00	224.7
1/12/2019 16:00	124.08
1/12/2019 17:00	63.24
1/12/2019 18:00	52.32
1/12/2019 19:00	44.52
1/12/2019 20:00	59.34
1/12/2019 21:00	52.32
1/12/2019 22:00	42.18
1/12/2019 23:00	57.78
1/13/2019 0:00	78.84
1/13/2019 1:00	87.42
1/13/2019 2:00	54.66
1/13/2019 3:00	60.9
1/13/2019 4:00	92.88
1/13/2019 5:00	124.08
1/13/2019 6:00	96.78
1/13/2019 7:00	103.02
1/13/2019 8:00	121.74
1/13/2019 9:00	202.86
1/13/2019 10:00	165.42
1/13/2019 11:00	134.22
1/13/2019 12:00	163.08
1/13/2019 13:00	232.5
1/13/2019 14:00	268.38
1/13/2019 15:00	203.64
1/13/2019 16:00	109.26
1/13/2019 17:00	129.54
1/13/2019 18:00	287.1
1/13/2019 19:00	278.52
1/13/2019 20:00	292.56
1/13/2019 21:00	361.98
1/13/2019 22:00	393.96
1/13/2019 23:00	422.82
1/14/2019 0:00	410.34
1/14/2019 1:00	285.54
1/14/2019 2:00	250.44
1/14/2019 3:00	205.98
1/14/2019 4:00	280.86
1/14/2019 5:00	383.04
1/14/2019 6:00	422.04
1/14/2019 7:00	587.4
1/14/2019 8:00	654.48
1/14/2019 9:00	609.24
1/14/2019 10:00	376.02
1/14/2019 11:00	202.08
1/14/2019 12:00	147.48

Date/Time	Flex Reserve
1/14/2019 13:00	163.86
1/14/2019 14:00	224.7
1/14/2019 15:00	222.36
1/14/2019 16:00	237.96
1/14/2019 17:00	292.56
1/14/2019 18:00	324.54
1/14/2019 19:00	305.04
1/14/2019 20:00	325.32
1/14/2019 21:00	319.08
1/14/2019 22:00	244.98
1/14/2019 23:00	210.66
1/15/2019 0:00	229.38
1/15/2019 1:00	229.38
1/15/2019 2:00	283.2
1/15/2019 3:00	286.32
1/15/2019 4:00	290.22
1/15/2019 5:00	269.16
1/15/2019 6:00	308.16
1/15/2019 7:00	317.52
1/15/2019 8:00	294.12
1/15/2019 9:00	328.44
1/15/2019 10:00	304.26
1/15/2019 11:00	369
1/15/2019 12:00	378.36
1/15/2019 13:00	308.94
1/15/2019 14:00	282.42
1/15/2019 15:00	233.28
1/15/2019 16:00	213
1/15/2019 17:00	152.94
1/15/2019 18:00	111.6
1/15/2019 19:00	93.66
1/15/2019 20:00	197.4
1/15/2019 21:00	246.54
1/15/2019 22:00	428.28
1/15/2019 23:00	644.34
1/16/2019 0:00	752.76
1/16/2019 1:00	896
1/16/2019 2:00	896
1/16/2019 3:00	896
1/16/2019 4:00	896
1/16/2019 5:00	896
1/16/2019 6:00	896
1/16/2019 7:00	896
1/16/2019 8:00	896
1/16/2019 9:00	845.58
1/16/2019 10:00	585.06
1/16/2019 11:00	259.8
1/16/2019 12:00	165.42
1/16/2019 13:00	149.04
1/16/2019 14:00	310.5
1/16/2019 15:00	536.7
1/16/2019 16:00	716.1
1/16/2019 17:00	822.96
1/16/2019 18:00	896

Date/Time	Flex Reserve
1/16/2019 19:00	896
1/16/2019 20:00	896
1/16/2019 21:00	896
1/16/2019 22:00	858.06
1/16/2019 23:00	896
1/17/2019 0:00	896
1/17/2019 1:00	896
1/17/2019 2:00	896
1/17/2019 3:00	896
1/17/2019 4:00	896
1/17/2019 5:00	896
1/17/2019 6:00	633.42
1/17/2019 7:00	483.66
1/17/2019 8:00	437.64
1/17/2019 9:00	479.76
1/17/2019 10:00	525
1/17/2019 11:00	693.48
1/17/2019 12:00	896
1/17/2019 13:00	896
1/17/2019 14:00	896
1/17/2019 15:00	896
1/17/2019 16:00	896
1/17/2019 17:00	896
1/17/2019 18:00	896
1/17/2019 19:00	896
1/17/2019 20:00	896
1/17/2019 21:00	896
1/17/2019 22:00	896
1/17/2019 23:00	896
1/18/2019 0:00	896
1/18/2019 1:00	896
1/18/2019 2:00	896
1/18/2019 3:00	858.84
1/18/2019 4:00	896
1/18/2019 5:00	872.1
1/18/2019 6:00	896
1/18/2019 7:00	896
1/18/2019 8:00	896
1/18/2019 9:00	896
1/18/2019 10:00	896
1/18/2019 11:00	896
1/18/2019 12:00	896
1/18/2019 13:00	896
1/18/2019 14:00	896
1/18/2019 15:00	896
1/18/2019 16:00	896
1/18/2019 17:00	896
1/18/2019 18:00	896
1/18/2019 19:00	896
1/18/2019 20:00	896
1/18/2019 21:00	896
1/18/2019 22:00	896
1/18/2019 23:00	896
1/19/2019 0:00	896

Date/Time	Flex Reserve
1/19/2019 1:00	896
1/19/2019 2:00	896
1/19/2019 3:00	896
1/19/2019 4:00	896
1/19/2019 5:00	896
1/19/2019 6:00	896
1/19/2019 7:00	896
1/19/2019 8:00	896
1/19/2019 9:00	867.42
1/19/2019 10:00	556.98
1/19/2019 11:00	555.42
1/19/2019 12:00	645.9
1/19/2019 13:00	632.64
1/19/2019 14:00	677.88
1/19/2019 15:00	808.14
1/19/2019 16:00	825.3
1/19/2019 17:00	695.82
1/19/2019 18:00	857.28
1/19/2019 19:00	896
1/19/2019 20:00	896
1/19/2019 21:00	896
1/19/2019 22:00	896
1/19/2019 23:00	832.32
1/20/2019 0:00	896
1/20/2019 1:00	788.64
1/20/2019 2:00	749.64
1/20/2019 3:00	814.38
1/20/2019 4:00	896
1/20/2019 5:00	896
1/20/2019 6:00	896
1/20/2019 7:00	805.02
1/20/2019 8:00	695.04
1/20/2019 9:00	631.86
1/20/2019 10:00	500.82
1/20/2019 11:00	241.86
1/20/2019 12:00	93.66
1/20/2019 13:00	117.06
1/20/2019 14:00	223.92
1/20/2019 15:00	275.4
1/20/2019 16:00	362.76
1/20/2019 17:00	704.4
1/20/2019 18:00	896
1/20/2019 19:00	896
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1/20/2019 21:00	896
1/20/2019 22:00	896
1/20/2019 23:00	896
1/21/2019 0:00	896
1/21/2019 1:00	896
1/21/2019 2:00	896
1/21/2019 3:00	896
1/21/2019 4:00	865.86
1/21/2019 5:00	571.02
1/21/2019 6:00	354.18

Date/Time	Flex Reserve
1/21/2019 7:00	152.94
1/21/2019 8:00	186.48
1/21/2019 9:00	184.92
1/21/2019 10:00	162.3
1/21/2019 11:00	299.58
1/21/2019 12:00	482.88
1/21/2019 13:00	645.9
1/21/2019 14:00	896
1/21/2019 15:00	896
1/21/2019 16:00	896
1/21/2019 17:00	896
1/21/2019 18:00	896
1/21/2019 19:00	478.98
1/21/2019 20:00	571.8
1/21/2019 21:00	896
1/21/2019 22:00	896
1/21/2019 23:00	896
1/22/2019 0:00	896
1/22/2019 1:00	896
1/22/2019 2:00	896
1/22/2019 3:00	896
1/22/2019 4:00	896
1/22/2019 5:00	896
1/22/2019 6:00	896
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1/22/2019 9:00	896
1/22/2019 10:00	896
1/22/2019 11:00	896
1/22/2019 12:00	896
1/22/2019 13:00	896
1/22/2019 14:00	896
1/22/2019 15:00	896
1/22/2019 16:00	896
1/22/2019 17:00	896
1/22/2019 18:00	896
1/22/2019 19:00	896
1/22/2019 20:00	896
1/22/2019 21:00	896
1/22/2019 22:00	896
1/22/2019 23:00	896
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1/23/2019 2:00	896
1/23/2019 3:00	896
1/23/2019 4:00	896
1/23/2019 5:00	896
1/23/2019 6:00	896
1/23/2019 7:00	896
1/23/2019 8:00	896
1/23/2019 9:00	896
1/23/2019 10:00	896
1/23/2019 11:00	743.4
1/23/2019 12:00	754.32

Date/Time	Flex Reserve
1/23/2019 13:00	834.66
1/23/2019 14:00	896
1/23/2019 15:00	872.88
1/23/2019 16:00	826.86
1/23/2019 17:00	812.04
1/23/2019 18:00	803.46
1/23/2019 19:00	785.52
1/23/2019 20:00	794.1
1/23/2019 21:00	896
1/23/2019 22:00	896
1/23/2019 23:00	896
1/24/2019 0:00	896
1/24/2019 1:00	896
1/24/2019 2:00	896
1/24/2019 3:00	737.16
1/24/2019 4:00	516.42
1/24/2019 5:00	478.2
1/24/2019 6:00	896
1/24/2019 7:00	711.42
1/24/2019 8:00	482.88
1/24/2019 9:00	533.58
1/24/2019 10:00	896
1/24/2019 11:00	896
1/24/2019 12:00	606.9
1/24/2019 13:00	297.24
1/24/2019 14:00	174.78
1/24/2019 15:00	145.92
1/24/2019 16:00	286.32
1/24/2019 17:00	671.64
1/24/2019 18:00	896
1/24/2019 19:00	896
1/24/2019 20:00	896
1/24/2019 21:00	896
1/24/2019 22:00	896
1/24/2019 23:00	896
1/25/2019 0:00	896
1/25/2019 1:00	896
1/25/2019 2:00	896
1/25/2019 3:00	896
1/25/2019 4:00	896
1/25/2019 5:00	896
1/25/2019 6:00	896
1/25/2019 7:00	896
1/25/2019 8:00	896
1/25/2019 9:00	896
1/25/2019 10:00	896
1/25/2019 11:00	896
1/25/2019 12:00	896
1/25/2019 13:00	896
1/25/2019 14:00	896
1/25/2019 15:00	896
1/25/2019 16:00	861.96
1/25/2019 17:00	806.58
1/25/2019 18:00	833.88

Date/Time	Flex Reserve
1/25/2019 19:00	811.26
1/25/2019 20:00	896
1/25/2019 21:00	896
1/25/2019 22:00	896
1/25/2019 23:00	896
1/26/2019 0:00	896
1/26/2019 1:00	896
1/26/2019 2:00	896
1/26/2019 3:00	896
1/26/2019 4:00	896
1/26/2019 5:00	896
1/26/2019 6:00	890.04
1/26/2019 7:00	879.12
1/26/2019 8:00	890.82
1/26/2019 9:00	896
1/26/2019 10:00	875.22
1/26/2019 11:00	896
1/26/2019 12:00	896
1/26/2019 13:00	896
1/26/2019 14:00	896
1/26/2019 15:00	896
1/26/2019 16:00	896
1/26/2019 17:00	896
1/26/2019 18:00	896
1/26/2019 19:00	896
1/26/2019 20:00	896
1/26/2019 21:00	896
1/26/2019 22:00	896
1/26/2019 23:00	896
1/27/2019 0:00	896
1/27/2019 1:00	896
1/27/2019 2:00	896
1/27/2019 3:00	896
1/27/2019 4:00	896
1/27/2019 5:00	896
1/27/2019 6:00	896
1/27/2019 7:00	896
1/27/2019 8:00	896
1/27/2019 9:00	896
1/27/2019 10:00	896
1/27/2019 11:00	843.24
1/27/2019 12:00	896
1/27/2019 13:00	896
1/27/2019 14:00	896
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1/27/2019 19:00	896
1/27/2019 20:00	896
1/27/2019 21:00	896
1/27/2019 22:00	896
1/27/2019 23:00	896
1/28/2019 0:00	896

Date/Time	Flex Reserve
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1/28/2019 2:00	896
1/28/2019 3:00	896
1/28/2019 4:00	896
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1/28/2019 14:00	896
1/28/2019 15:00	896
1/28/2019 16:00	896
1/28/2019 17:00	896
1/28/2019 18:00	896
1/28/2019 19:00	896
1/28/2019 20:00	699.72
1/28/2019 21:00	567.12
1/28/2019 22:00	702.06
1/28/2019 23:00	867.42
1/29/2019 0:00	896
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1/29/2019 2:00	896
1/29/2019 3:00	896
1/29/2019 4:00	896
1/29/2019 5:00	865.08
1/29/2019 6:00	635.76
1/29/2019 7:00	615.48
1/29/2019 8:00	596.76
1/29/2019 9:00	542.16
1/29/2019 10:00	599.1
1/29/2019 11:00	684.9
1/29/2019 12:00	796.44
1/29/2019 13:00	833.1
1/29/2019 14:00	814.38
1/29/2019 15:00	862.74
1/29/2019 16:00	863.52
1/29/2019 17:00	764.46
1/29/2019 18:00	744.96
1/29/2019 19:00	705.18
1/29/2019 20:00	516.42
1/29/2019 21:00	213.78
1/29/2019 22:00	82.74
1/29/2019 23:00	197.4
1/30/2019 0:00	402.54
1/30/2019 1:00	553.86
1/30/2019 2:00	531.24
1/30/2019 3:00	896
1/30/2019 4:00	896
1/30/2019 5:00	896
1/30/2019 6:00	896

Date/Time	Flex Reserve
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1/30/2019 8:00	896
1/30/2019 9:00	891.6
1/30/2019 10:00	638.88
1/30/2019 11:00	548.4
1/30/2019 12:00	542.16
1/30/2019 13:00	644.34
1/30/2019 14:00	595.98
1/30/2019 15:00	525
1/30/2019 16:00	490.68
1/30/2019 17:00	490.68
1/30/2019 18:00	486
1/30/2019 19:00	605.2147
1/30/2019 20:00	631.2076
1/30/2019 21:00	658.4651
1/30/2019 22:00	665.153
1/30/2019 23:00	621.9565
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1/31/2019 1:00	562.9749
1/31/2019 2:00	607.4279
1/31/2019 3:00	662.0227
1/31/2019 4:00	709.9193
1/31/2019 5:00	724.6823
1/31/2019 6:00	738.6414
1/31/2019 7:00	743.7446
1/31/2019 8:00	750.4074
1/31/2019 9:00	784.7546
1/31/2019 10:00	737.7646
1/31/2019 11:00	708.4882
1/31/2019 12:00	711.3294
1/31/2019 13:00	731.6894
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1/31/2019 20:00	549.1417
1/31/2019 21:00	614.9933
1/31/2019 22:00	644.101
1/31/2019 23:00	718.6627
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2/1/2019 1:00	769.4043
2/1/2019 2:00	754.1379
2/1/2019 3:00	692.0735
2/1/2019 4:00	618.4801
2/1/2019 5:00	441.8
2/1/2019 6:00	297.6943
2/1/2019 7:00	264.8943
2/1/2019 8:00	227.479
2/1/2019 9:00	288.8366
2/1/2019 10:00	306.7896
2/1/2019 11:00	284.0752
2/1/2019 12:00	291.5341

Date/Time	Flex Reserve
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2/1/2019 14:00	502.6506
2/1/2019 15:00	604.8142
2/1/2019 16:00	692.0546
2/1/2019 17:00	709.3105
2/1/2019 18:00	694.3649
2/1/2019 19:00	725.5098
2/1/2019 20:00	732.0023
2/1/2019 21:00	715.1269
2/1/2019 22:00	707.7524
2/1/2019 23:00	698.2472
2/2/2019 0:00	675.4744
2/2/2019 1:00	637.393
2/2/2019 2:00	554.6055
2/2/2019 3:00	411.579
2/2/2019 4:00	307.9954
2/2/2019 5:00	276.6117
2/2/2019 6:00	409.5162
2/2/2019 7:00	536.0429
2/2/2019 8:00	503.664
2/2/2019 9:00	675.4171
2/2/2019 10:00	677.7282
2/2/2019 11:00	653.6363
2/2/2019 12:00	537.0091
2/2/2019 13:00	468.7948
2/2/2019 14:00	385.4961
2/2/2019 15:00	417.5673
2/2/2019 16:00	391.0028
2/2/2019 17:00	311.1576
2/2/2019 18:00	296.3787
2/2/2019 19:00	277.6576
2/2/2019 20:00	368.4665
2/2/2019 21:00	402.3545
2/2/2019 22:00	411.0957
2/2/2019 23:00	420.8416
2/3/2019 0:00	482.4125
2/3/2019 1:00	539.8276
2/3/2019 2:00	604.4147
2/3/2019 3:00	548.0584
2/3/2019 4:00	555.7051
2/3/2019 5:00	580.3666
2/3/2019 6:00	449.6018
2/3/2019 7:00	359.5838
2/3/2019 8:00	330.5975
2/3/2019 9:00	586.5361
2/3/2019 10:00	687.4139
2/3/2019 11:00	739.8045
2/3/2019 12:00	802.1081
2/3/2019 13:00	832.3903
2/3/2019 14:00	835.9981
2/3/2019 15:00	876.9763
2/3/2019 16:00	897.4233
2/3/2019 17:00	868.4665
2/3/2019 18:00	771.4198

Date/Time	Flex Reserve
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2/3/2019 20:00	676.4873
2/3/2019 21:00	671.3521
2/3/2019 22:00	671.087
2/3/2019 23:00	689.119
2/4/2019 0:00	664.1327
2/4/2019 1:00	598.513
2/4/2019 2:00	505.8253
2/4/2019 3:00	350.4151
2/4/2019 4:00	254.7597
2/4/2019 5:00	283.3338
2/4/2019 6:00	511.0881
2/4/2019 7:00	647.3085
2/4/2019 8:00	703.0014
2/4/2019 9:00	775.5925
2/4/2019 10:00	822.1568
2/4/2019 11:00	860.6986
2/4/2019 12:00	871.8046
2/4/2019 13:00	886.4308
2/4/2019 14:00	921.8605
2/4/2019 15:00	919.9195
2/4/2019 16:00	928.0686
2/4/2019 17:00	913.3567
2/4/2019 18:00	873.4879
2/4/2019 19:00	873.4928
2/4/2019 20:00	896
2/4/2019 21:00	896
2/4/2019 22:00	896
2/4/2019 23:00	896
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2/5/2019 1:00	896
2/5/2019 2:00	671.64
2/5/2019 3:00	565.56
2/5/2019 4:00	535.14
2/5/2019 5:00	484.44
2/5/2019 6:00	379.14
2/5/2019 7:00	358.86
2/5/2019 8:00	334.68
2/5/2019 9:00	333.9
2/5/2019 10:00	424.38
2/5/2019 11:00	616.26
2/5/2019 12:00	741.06
2/5/2019 13:00	815.16
2/5/2019 14:00	787.08
2/5/2019 15:00	896
2/5/2019 16:00	896
2/5/2019 17:00	896
2/5/2019 18:00	896
2/5/2019 19:00	896
2/5/2019 20:00	896
2/5/2019 21:00	896
2/5/2019 22:00	896
2/5/2019 23:00	896
2/6/2019 0:00	896

Date/Time	Flex Reserve
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2/6/2019 2:00	896
2/6/2019 3:00	896
2/6/2019 4:00	896
2/6/2019 5:00	896
2/6/2019 6:00	896
2/6/2019 7:00	896
2/6/2019 8:00	693.48
2/6/2019 9:00	389.28
2/6/2019 10:00	287.88
2/6/2019 11:00	236.4
2/6/2019 12:00	335.46
2/6/2019 13:00	550.74
2/6/2019 14:00	627.18
2/6/2019 15:00	711.42
2/6/2019 16:00	727.02
2/6/2019 17:00	583.5
2/6/2019 18:00	588.18
2/6/2019 19:00	525
2/6/2019 20:00	471.18
2/6/2019 21:00	401.76
2/6/2019 22:00	274.62
2/6/2019 23:00	219.24
2/7/2019 0:00	302.7
2/7/2019 1:00	455.58
2/7/2019 2:00	586.62
2/7/2019 3:00	713.76
2/7/2019 4:00	701.28
2/7/2019 5:00	724.68
2/7/2019 6:00	727.02
2/7/2019 7:00	731.7
2/7/2019 8:00	526.56
2/7/2019 9:00	347.16
2/7/2019 10:00	255.9
2/7/2019 11:00	244.98
2/7/2019 12:00	243.42
2/7/2019 13:00	231.72
2/7/2019 14:00	235.62
2/7/2019 15:00	167.76
2/7/2019 16:00	93.66
2/7/2019 17:00	104.58
2/7/2019 18:00	96
2/7/2019 19:00	109.26
2/7/2019 20:00	223.92
2/7/2019 21:00	427.5
2/7/2019 22:00	896
2/7/2019 23:00	896
2/8/2019 0:00	896
2/8/2019 1:00	896
2/8/2019 2:00	896
2/8/2019 3:00	896
2/8/2019 4:00	896
2/8/2019 5:00	696.6
2/8/2019 6:00	486.78

Date/Time	Flex Reserve
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2/8/2019 8:00	542.94
2/8/2019 9:00	716.88
2/8/2019 10:00	896
2/8/2019 11:00	896
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2/8/2019 19:00	896
2/8/2019 20:00	896
2/8/2019 21:00	896
2/8/2019 22:00	896
2/8/2019 23:00	896
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2/9/2019 3:00	896
2/9/2019 4:00	896
2/9/2019 5:00	896
2/9/2019 6:00	896
2/9/2019 7:00	896
2/9/2019 8:00	893.16
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2/9/2019 11:00	896
2/9/2019 12:00	896
2/9/2019 13:00	896
2/9/2019 14:00	896
2/9/2019 15:00	896
2/9/2019 16:00	896
2/9/2019 17:00	896
2/9/2019 18:00	896
2/9/2019 19:00	896
2/9/2019 20:00	896
2/9/2019 21:00	896
2/9/2019 22:00	896
2/9/2019 23:00	896
2/10/2019 0:00	896
2/10/2019 1:00	896
2/10/2019 2:00	896
2/10/2019 3:00	896
2/10/2019 4:00	782.4
2/10/2019 5:00	558.54
2/10/2019 6:00	439.98
2/10/2019 7:00	301.92
2/10/2019 8:00	211.44
2/10/2019 9:00	70.26
2/10/2019 10:00	55.44
2/10/2019 11:00	219.24
2/10/2019 12:00	454.8

Date/Time	Flex Reserve
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2/10/2019 14:00	896
2/10/2019 15:00	896
2/10/2019 16:00	896
2/10/2019 17:00	896
2/10/2019 18:00	896
2/10/2019 19:00	869.3603
2/10/2019 20:00	873.489
2/10/2019 21:00	873.4895
2/10/2019 22:00	873.4896
2/10/2019 23:00	865.2476
2/11/2019 0:00	846.2548
2/11/2019 1:00	791.6275
2/11/2019 2:00	749.852
2/11/2019 3:00	718.4915
2/11/2019 4:00	684.4375
2/11/2019 5:00	695.3194
2/11/2019 6:00	702.1238
2/11/2019 7:00	697.3025
2/11/2019 8:00	698.332
2/11/2019 9:00	686.0452
2/11/2019 10:00	614.1022
2/11/2019 11:00	632.1274
2/11/2019 12:00	777.3257
2/11/2019 13:00	872.5027
2/11/2019 14:00	870.1408
2/11/2019 15:00	874.0738
2/11/2019 16:00	880.6403
2/11/2019 17:00	898.1099
2/11/2019 18:00	877.0946
2/11/2019 19:00	866.296
2/11/2019 20:00	811.9304
2/11/2019 21:00	778.1718
2/11/2019 22:00	817.84
2/11/2019 23:00	839.1617
2/12/2019 0:00	808.3843
2/12/2019 1:00	786.3281
2/12/2019 2:00	769.0484
2/12/2019 3:00	741.537
2/12/2019 4:00	729.8014
2/12/2019 5:00	730.392
2/12/2019 6:00	755.0952
2/12/2019 7:00	739.0561
2/12/2019 8:00	768.3467
2/12/2019 9:00	782.0036
2/12/2019 10:00	811.4553
2/12/2019 11:00	793.8054
2/12/2019 12:00	793.8574
2/12/2019 13:00	793.6506
2/12/2019 14:00	761.4546
2/12/2019 15:00	702.1886
2/12/2019 16:00	659.0787
2/12/2019 17:00	465.0001
2/12/2019 18:00	577.6166

Date/Time	Flex Reserve
2/12/2019 19:00	647.7909
2/12/2019 20:00	674.2276
2/12/2019 21:00	713.367
2/12/2019 22:00	668.0832
2/12/2019 23:00	629.9186
2/13/2019 0:00	631.072
2/13/2019 1:00	639.4627
2/13/2019 2:00	671.6345
2/13/2019 3:00	663.4591
2/13/2019 4:00	628.4853
2/13/2019 5:00	633.266
2/13/2019 6:00	604.5319
2/13/2019 7:00	511.6144
2/13/2019 8:00	613.3656
2/13/2019 9:00	757.9979
2/13/2019 10:00	807.0572
2/13/2019 11:00	790.855
2/13/2019 12:00	814.3292
2/13/2019 13:00	825.9758
2/13/2019 14:00	827.1713
2/13/2019 15:00	803.4475
2/13/2019 16:00	750.4519
2/13/2019 17:00	765.4735
2/13/2019 18:00	718.6453
2/13/2019 19:00	769.8494
2/13/2019 20:00	766.9536
2/13/2019 21:00	816.8019
2/13/2019 22:00	810.7804
2/13/2019 23:00	765.1037
2/14/2019 0:00	748.5563
2/14/2019 1:00	717.0417
2/14/2019 2:00	711.7559
2/14/2019 3:00	729.2648
2/14/2019 4:00	691.4767
2/14/2019 5:00	701.8093
2/14/2019 6:00	721.6558
2/14/2019 7:00	790.7819
2/14/2019 8:00	763.0524
2/14/2019 9:00	777.8838
2/14/2019 10:00	804.4814
2/14/2019 11:00	805.4323
2/14/2019 12:00	804.4331
2/14/2019 13:00	805.2596
2/14/2019 14:00	817.9833
2/14/2019 15:00	766.5528
2/14/2019 16:00	684.0689
2/14/2019 17:00	618.6265
2/14/2019 18:00	628.5094
2/14/2019 19:00	577.6691
2/14/2019 20:00	543.2756
2/14/2019 21:00	526.866
2/14/2019 22:00	640.3932
2/14/2019 23:00	697.3916
2/15/2019 0:00	733.9407

Date/Time	Flex Reserve
2/15/2019 1:00	722.4408
2/15/2019 2:00	747.9448
2/15/2019 3:00	725.9275
2/15/2019 4:00	727.8171
2/15/2019 5:00	720.9898
2/15/2019 6:00	749.7989
2/15/2019 7:00	684.6373
2/15/2019 8:00	715.5854
2/15/2019 9:00	719.1812
2/15/2019 10:00	768.4694
2/15/2019 11:00	793.3781
2/15/2019 12:00	774.1992
2/15/2019 13:00	730.9654
2/15/2019 14:00	704.9861
2/15/2019 15:00	723.9027
2/15/2019 16:00	746.2559
2/15/2019 17:00	807.2061
2/15/2019 18:00	815.0446
2/15/2019 19:00	817.0563
2/15/2019 20:00	791.6083
2/15/2019 21:00	828.678
2/15/2019 22:00	829.608
2/15/2019 23:00	783.7058
2/16/2019 0:00	817.0511
2/16/2019 1:00	797.4481
2/16/2019 2:00	789.3614
2/16/2019 3:00	777.8506
2/16/2019 4:00	779.6768
2/16/2019 5:00	773.4991
2/16/2019 6:00	692.0115
2/16/2019 7:00	667.2799
2/16/2019 8:00	718.8164
2/16/2019 9:00	746.1115
2/16/2019 10:00	748.6555
2/16/2019 11:00	717.9836
2/16/2019 12:00	685.5579
2/16/2019 13:00	716.4559
2/16/2019 14:00	841.2895
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2/16/2019 16:00	938.6855
2/16/2019 17:00	938.6762
2/16/2019 18:00	884.3893
2/16/2019 19:00	873.493
2/16/2019 20:00	865.2443
2/16/2019 21:00	852.1828
2/16/2019 22:00	818.8105
2/16/2019 23:00	805.9149
2/17/2019 0:00	809.3346
2/17/2019 1:00	783.3088
2/17/2019 2:00	705.2424
2/17/2019 3:00	665.7221
2/17/2019 4:00	678.6988
2/17/2019 5:00	685.4232
2/17/2019 6:00	689.9271

Date/Time	Flex Reserve
2/17/2019 7:00	667.1147
2/17/2019 8:00	685.8518
2/17/2019 9:00	738.344
2/17/2019 10:00	759.7832
2/17/2019 11:00	740.022
2/17/2019 12:00	731.9731
2/17/2019 13:00	754.8515
2/17/2019 14:00	785.682
2/17/2019 15:00	786.3901
2/17/2019 16:00	776.134
2/17/2019 17:00	782.6313
2/17/2019 18:00	754.8834
2/17/2019 19:00	772.6367
2/17/2019 20:00	744.4975
2/17/2019 21:00	729.3687
2/17/2019 22:00	727.6084
2/17/2019 23:00	683.887
2/18/2019 0:00	669.7014
2/18/2019 1:00	693.2139
2/18/2019 2:00	447.7382
2/18/2019 3:00	296.1444
2/18/2019 4:00	162.7257
2/18/2019 5:00	98.47442
2/18/2019 6:00	49.02867
2/18/2019 7:00	53.56624
2/18/2019 8:00	92.19747
2/18/2019 9:00	184.2598
2/18/2019 10:00	319.4827
2/18/2019 11:00	411.5598
2/18/2019 12:00	443.8866
2/18/2019 13:00	605.7
2/18/2019 14:00	694.1982
2/18/2019 15:00	725.8338
2/18/2019 16:00	755.9957
2/18/2019 17:00	777.3074
2/18/2019 18:00	744.2209
2/18/2019 19:00	758.9598
2/18/2019 20:00	773.2349
2/18/2019 21:00	726.4564
2/18/2019 22:00	723.5213
2/18/2019 23:00	724.886
2/19/2019 0:00	730.8041
2/19/2019 1:00	743.2489
2/19/2019 2:00	739.499
2/19/2019 3:00	733.317
2/19/2019 4:00	726.8935
2/19/2019 5:00	752.2211
2/19/2019 6:00	804.4683
2/19/2019 7:00	833.6968
2/19/2019 8:00	847.7129
2/19/2019 9:00	861.0894
2/19/2019 10:00	848.3269
2/19/2019 11:00	872.2769
2/19/2019 12:00	839.8235

Date/Time	Flex Reserve
2/19/2019 13:00	780.3815
2/19/2019 14:00	727.5804
2/19/2019 15:00	655.778
2/19/2019 16:00	486.7703
2/19/2019 17:00	411.646
2/19/2019 18:00	335.2207
2/19/2019 19:00	307.0007
2/19/2019 20:00	302.7913
2/19/2019 21:00	178.8621
2/19/2019 22:00	128.7194
2/19/2019 23:00	169.6694
2/20/2019 0:00	276.6278
2/20/2019 1:00	534.1355
2/20/2019 2:00	622.7688
2/20/2019 3:00	642.9287
2/20/2019 4:00	661.9734
2/20/2019 5:00	667.1593
2/20/2019 6:00	746.8686
2/20/2019 7:00	739.4549
2/20/2019 8:00	788.1275
2/20/2019 9:00	833.1009
2/20/2019 10:00	821.1566
2/20/2019 11:00	815.0954
2/20/2019 12:00	817.3524
2/20/2019 13:00	805.9552
2/20/2019 14:00	799.4669
2/20/2019 15:00	820.8062
2/20/2019 16:00	834.8023
2/20/2019 17:00	786.7672
2/20/2019 18:00	752.4519
2/20/2019 19:00	761.2152
2/20/2019 20:00	784.3489
2/20/2019 21:00	788.3763
2/20/2019 22:00	758.2239
2/20/2019 23:00	764.4207
2/21/2019 0:00	756.1852
2/21/2019 1:00	735.4176
2/21/2019 2:00	742.0999
2/21/2019 3:00	751.2329
2/21/2019 4:00	700.5178
2/21/2019 5:00	665.3861
2/21/2019 6:00	625.3608
2/21/2019 7:00	617.031
2/21/2019 8:00	570.5097
2/21/2019 9:00	609.5654
2/21/2019 10:00	676.2767
2/21/2019 11:00	727.188
2/21/2019 12:00	707.0352
2/21/2019 13:00	670.9617
2/21/2019 14:00	636.7044
2/21/2019 15:00	674.6508
2/21/2019 16:00	744.3583
2/21/2019 17:00	769.5063
2/21/2019 18:00	713.801

Date/Time	Flex Reserve
2/21/2019 19:00	669.5329
2/21/2019 20:00	667.0678
2/21/2019 21:00	695.3794
2/21/2019 22:00	656.1581
2/21/2019 23:00	613.3488
2/22/2019 0:00	557.937
2/22/2019 1:00	212.016
2/22/2019 2:00	141.6218
2/22/2019 3:00	91.18405
2/22/2019 4:00	206.0063
2/22/2019 5:00	218.1076
2/22/2019 6:00	253.1919
2/22/2019 7:00	251.8283
2/22/2019 8:00	294.2592
2/22/2019 9:00	318.2305
2/22/2019 10:00	349.3495
2/22/2019 11:00	451.0686
2/22/2019 12:00	532.2884
2/22/2019 13:00	645.4279
2/22/2019 14:00	736.4706
2/22/2019 15:00	795.501
2/22/2019 16:00	768.9279
2/22/2019 17:00	676.1844
2/22/2019 18:00	464.1802
2/22/2019 19:00	425.7719
2/22/2019 20:00	515.1808
2/22/2019 21:00	491.289
2/22/2019 22:00	443.1039
2/22/2019 23:00	422.9007
2/23/2019 0:00	355.636
2/23/2019 1:00	371.1539
2/23/2019 2:00	467.8929
2/23/2019 3:00	575.3024
2/23/2019 4:00	622.1901
2/23/2019 5:00	655.4263
2/23/2019 6:00	699.0885
2/23/2019 7:00	744.0418
2/23/2019 8:00	772.141
2/23/2019 9:00	846.102
2/23/2019 10:00	882.0391
2/23/2019 11:00	908.453
2/23/2019 12:00	923.0371
2/23/2019 13:00	921.9368
2/23/2019 14:00	916.9411
2/23/2019 15:00	906.5161
2/23/2019 16:00	899.3294
2/23/2019 17:00	891.7724
2/23/2019 18:00	830.9674
2/23/2019 19:00	832.218
2/23/2019 20:00	857.8724
2/23/2019 21:00	825.3867
2/23/2019 22:00	815.0268
2/23/2019 23:00	766.3829
2/24/2019 0:00	751.0137

Date/Time	Flex Reserve
2/24/2019 1:00	726.1504
2/24/2019 2:00	714.7417
2/24/2019 3:00	693.6854
2/24/2019 4:00	655.3291
2/24/2019 5:00	618.8503
2/24/2019 6:00	552.9509
2/24/2019 7:00	478.3242
2/24/2019 8:00	341.0357
2/24/2019 9:00	543.9207
2/24/2019 10:00	665.1991
2/24/2019 11:00	711.8961
2/24/2019 12:00	738.5282
2/24/2019 13:00	767.2125
2/24/2019 14:00	813.3057
2/24/2019 15:00	844.8666
2/24/2019 16:00	850.001
2/24/2019 17:00	864.0869
2/24/2019 18:00	866.3015
2/24/2019 19:00	873.491
2/24/2019 20:00	861.7108
2/24/2019 21:00	873.4918
2/24/2019 22:00	863.4212
2/24/2019 23:00	841.8343
2/25/2019 0:00	807.3826
2/25/2019 1:00	753.5676
2/25/2019 2:00	706.8234
2/25/2019 3:00	611.3698
2/25/2019 4:00	374.3897
2/25/2019 5:00	297.8675
2/25/2019 6:00	267.3989
2/25/2019 7:00	176.9306
2/25/2019 8:00	200.6631
2/25/2019 9:00	305.724
2/25/2019 10:00	358.707
2/25/2019 11:00	386.0603
2/25/2019 12:00	267.6536
2/25/2019 13:00	337.4352
2/25/2019 14:00	440.0701
2/25/2019 15:00	482.5663
2/25/2019 16:00	653.0379
2/25/2019 17:00	587.5596
2/25/2019 18:00	592.5704
2/25/2019 19:00	377.6778
2/25/2019 20:00	239.6534
2/25/2019 21:00	178.7797
2/25/2019 22:00	200.0477
2/25/2019 23:00	234.7528
2/26/2019 0:00	289.7056
2/26/2019 1:00	304.95
2/26/2019 2:00	284.6834
2/26/2019 3:00	314.9918
2/26/2019 4:00	244.8477
2/26/2019 5:00	188.7442
2/26/2019 6:00	159.2049

Date/Time	Flex Reserve
2/26/2019 7:00	144.6851
2/26/2019 8:00	205.7487
2/26/2019 9:00	360.1219
2/26/2019 10:00	482.2273
2/26/2019 11:00	519.0775
2/26/2019 12:00	410.7759
2/26/2019 13:00	454.7792
2/26/2019 14:00	520.5073
2/26/2019 15:00	642.8217
2/26/2019 16:00	652.0697
2/26/2019 17:00	498.4892
2/26/2019 18:00	366.5196
2/26/2019 19:00	368.9497
2/26/2019 20:00	597.3202
2/26/2019 21:00	569.6597
2/26/2019 22:00	502.2745
2/26/2019 23:00	549.2432
2/27/2019 0:00	619.3298
2/27/2019 1:00	614.8879
2/27/2019 2:00	619.562
2/27/2019 3:00	637.7641
2/27/2019 4:00	588.4663
2/27/2019 5:00	342.3841
2/27/2019 6:00	262.3616
2/27/2019 7:00	236.3531
2/27/2019 8:00	191.9472
2/27/2019 9:00	159.8098
2/27/2019 10:00	158.9827
2/27/2019 11:00	218.0938
2/27/2019 12:00	253.219
2/27/2019 13:00	360.8686
2/27/2019 14:00	511.8465
2/27/2019 15:00	546.1372
2/27/2019 16:00	614.3775
2/27/2019 17:00	683.2011
2/27/2019 18:00	655.8981
2/27/2019 19:00	615.4208
2/27/2019 20:00	596.7921
2/27/2019 21:00	585.0462
2/27/2019 22:00	514.7351
2/27/2019 23:00	563.1523
2/28/2019 0:00	534.5634
2/28/2019 1:00	618.7009
2/28/2019 2:00	655.3695
2/28/2019 3:00	712.1276
2/28/2019 4:00	645.6056
2/28/2019 5:00	626.9474
2/28/2019 6:00	681.314
2/28/2019 7:00	657.9797
2/28/2019 8:00	634.6355
2/28/2019 9:00	627.1075
2/28/2019 10:00	525.3992
2/28/2019 11:00	407.915
2/28/2019 12:00	545.178

Date/Time	Flex Reserve
2/28/2019 13:00	611.9107
2/28/2019 14:00	694.3951
2/28/2019 15:00	773.143
2/28/2019 16:00	834.501
2/28/2019 17:00	849.9985
2/28/2019 18:00	815.3262
2/28/2019 19:00	781.0604
2/28/2019 20:00	785.5827
2/28/2019 21:00	828.2261
2/28/2019 22:00	833.8193
2/28/2019 23:00	797.8529
3/1/2019 0:00	757.2815
3/1/2019 1:00	712.2159
3/1/2019 2:00	675.0763
3/1/2019 3:00	712.4104
3/1/2019 4:00	787.2461
3/1/2019 5:00	759.8351
3/1/2019 6:00	725.6446
3/1/2019 7:00	755.2728
3/1/2019 8:00	760.132
3/1/2019 9:00	791.5179
3/1/2019 10:00	829.426
3/1/2019 11:00	856.663
3/1/2019 12:00	876.426
3/1/2019 13:00	883.6731
3/1/2019 14:00	899.3302
3/1/2019 15:00	887.1781
3/1/2019 16:00	836.0117
3/1/2019 17:00	744.5792
3/1/2019 18:00	640.1709
3/1/2019 19:00	656.411
3/1/2019 20:00	697.6549
3/1/2019 21:00	699.2546
3/1/2019 22:00	757.6687
3/1/2019 23:00	819.7578
3/2/2019 0:00	844.0094
3/2/2019 1:00	815.1814
3/2/2019 2:00	802.0286
3/2/2019 3:00	783.3058
3/2/2019 4:00	784.4966
3/2/2019 5:00	802.3761
3/2/2019 6:00	814.2398
3/2/2019 7:00	819.5915
3/2/2019 8:00	734.2865
3/2/2019 9:00	698.8417
3/2/2019 10:00	688.1382
3/2/2019 11:00	564.2121
3/2/2019 12:00	426.9591
3/2/2019 13:00	432.651
3/2/2019 14:00	502.8032
3/2/2019 15:00	538.0981
3/2/2019 16:00	626.5976
3/2/2019 17:00	645.1677
3/2/2019 18:00	603.9196

Date/Time	Flex Reserve
3/2/2019 19:00	546.5604
3/2/2019 20:00	576.9368
3/2/2019 21:00	509.0632
3/2/2019 22:00	357.2257
3/2/2019 23:00	281.2801
3/3/2019 0:00	242.2487
3/3/2019 1:00	215.2096
3/3/2019 2:00	150.6335
3/3/2019 3:00	99.2057
3/3/2019 4:00	67.66304
3/3/2019 5:00	33.98885
3/3/2019 6:00	53.29092
3/3/2019 7:00	41.01526
3/3/2019 8:00	34.09443
3/3/2019 9:00	54.83313
3/3/2019 10:00	78.21763
3/3/2019 11:00	128.9807
3/3/2019 12:00	173.7559
3/3/2019 13:00	188.1872
3/3/2019 14:00	177.6774
3/3/2019 15:00	175.6162
3/3/2019 16:00	112.888
3/3/2019 17:00	125.6331
3/3/2019 18:00	88.09302
3/3/2019 19:00	139.069
3/3/2019 20:00	203.5665
3/3/2019 21:00	240.2589
3/3/2019 22:00	251.4158
3/3/2019 23:00	226.4119
3/4/2019 0:00	240.4861
3/4/2019 1:00	425.0831
3/4/2019 2:00	610.834
3/4/2019 3:00	614.372
3/4/2019 4:00	612.8974
3/4/2019 5:00	606.2604
3/4/2019 6:00	479.2394
3/4/2019 7:00	437.7849
3/4/2019 8:00	429.1711
3/4/2019 9:00	413.2056
3/4/2019 10:00	332.3388
3/4/2019 11:00	292.6449
3/4/2019 12:00	348.6765
3/4/2019 13:00	292.6722
3/4/2019 14:00	365.3539
3/4/2019 15:00	259.5146
3/4/2019 16:00	310.6642
3/4/2019 17:00	240.712
3/4/2019 18:00	169.8069
3/4/2019 19:00	221.5546
3/4/2019 20:00	355.6839
3/4/2019 21:00	380.7625
3/4/2019 22:00	324.7748
3/4/2019 23:00	432.2996
3/5/2019 0:00	597.2779

Date/Time	Flex Reserve
3/5/2019 1:00	666.0376
3/5/2019 2:00	664.9138
3/5/2019 3:00	693.4924
3/5/2019 4:00	713.1746
3/5/2019 5:00	740.6908
3/5/2019 6:00	700.0345
3/5/2019 7:00	707.3835
3/5/2019 8:00	749.4613
3/5/2019 9:00	725.5998
3/5/2019 10:00	699.5603
3/5/2019 11:00	691.0886
3/5/2019 12:00	720.9598
3/5/2019 13:00	762.7054
3/5/2019 14:00	790.9915
3/5/2019 15:00	821.1451
3/5/2019 16:00	844.096
3/5/2019 17:00	849.5527
3/5/2019 18:00	828.7071
3/5/2019 19:00	852.9739
3/5/2019 20:00	873.4894
3/5/2019 21:00	873.4919
3/5/2019 22:00	873.4941
3/5/2019 23:00	858.2551
3/6/2019 0:00	829.5256
3/6/2019 1:00	764.8791
3/6/2019 2:00	690.1043
3/6/2019 3:00	546.505
3/6/2019 4:00	234.5408
3/6/2019 5:00	191.1625
3/6/2019 6:00	162.8388
3/6/2019 7:00	154.1578
3/6/2019 8:00	179.2699
3/6/2019 9:00	287.9903
3/6/2019 10:00	305.7768
3/6/2019 11:00	476.1963
3/6/2019 12:00	508.1407
3/6/2019 13:00	506.1861
3/6/2019 14:00	482.4585
3/6/2019 15:00	465.4744
3/6/2019 16:00	516.3813
3/6/2019 17:00	390.3832
3/6/2019 18:00	284.3773
3/6/2019 19:00	398.6394
3/6/2019 20:00	506.5376
3/6/2019 21:00	517.0581
3/6/2019 22:00	207.8624
3/6/2019 23:00	229.2434
3/7/2019 0:00	355.9106
3/7/2019 1:00	441.3334
3/7/2019 2:00	443.7166
3/7/2019 3:00	330.9203
3/7/2019 4:00	322.2784
3/7/2019 5:00	167.5655
3/7/2019 6:00	140.4691

Date/Time	Flex Reserve
3/7/2019 7:00	164.3683
3/7/2019 8:00	210.4917
3/7/2019 9:00	439.303
3/7/2019 10:00	489.268
3/7/2019 11:00	523.4426
3/7/2019 12:00	505.976
3/7/2019 13:00	501.7499
3/7/2019 14:00	512.1722
3/7/2019 15:00	479.5272
3/7/2019 16:00	432.4124
3/7/2019 17:00	446.7956
3/7/2019 18:00	316.6931
3/7/2019 19:00	365.1334
3/7/2019 20:00	453.4422
3/7/2019 21:00	648.3684
3/7/2019 22:00	631.2277
3/7/2019 23:00	624.1161
3/8/2019 0:00	631.063
3/8/2019 1:00	638.5776
3/8/2019 2:00	427.5089
3/8/2019 3:00	130.9334
3/8/2019 4:00	185.9591
3/8/2019 5:00	330.4639
3/8/2019 6:00	536.4295
3/8/2019 7:00	609.9321
3/8/2019 8:00	704.5689
3/8/2019 9:00	732.0995
3/8/2019 10:00	784.7
3/8/2019 11:00	813.2342
3/8/2019 12:00	880.4921
3/8/2019 13:00	938.6756
3/8/2019 14:00	938.6862
3/8/2019 15:00	938.6895
3/8/2019 16:00	938.6816
3/8/2019 17:00	938.6849
3/8/2019 18:00	895.2522
3/8/2019 19:00	873.4928
3/8/2019 20:00	858.2309
3/8/2019 21:00	791.4905
3/8/2019 22:00	801.373
3/8/2019 23:00	843.5193
3/9/2019 0:00	822.4236
3/9/2019 1:00	696.6209
3/9/2019 2:00	768.1981
3/9/2019 3:00	827.5458
3/9/2019 4:00	803.0299
3/9/2019 5:00	793.2992
3/9/2019 6:00	842.5314
3/9/2019 7:00	866.0238
3/9/2019 8:00	915.9723
3/9/2019 9:00	911.7636
3/9/2019 10:00	898.2041
3/9/2019 11:00	898.1256
3/9/2019 12:00	883.6864

Date/Time	Flex Reserve
3/9/2019 13:00	868.1371
3/9/2019 14:00	833.7136
3/9/2019 15:00	817.2804
3/9/2019 16:00	817.6755
3/9/2019 17:00	841.2684
3/9/2019 18:00	845.846
3/9/2019 19:00	817.0994
3/9/2019 20:00	784.1585
3/9/2019 21:00	678.7326
3/9/2019 22:00	518.5703
3/9/2019 23:00	381.3915
3/10/2019 0:00	381.1028
3/10/2019 1:00	379.4733
3/10/2019 2:00	448.074
3/10/2019 3:00	510.718
3/10/2019 4:00	586.2149
3/10/2019 5:00	649.7699
3/10/2019 6:00	691.2435
3/10/2019 7:00	716.0196
3/10/2019 8:00	748.586
3/10/2019 9:00	828.1322
3/10/2019 10:00	877.2587
3/10/2019 11:00	922.0444
3/10/2019 12:00	914.2499
3/10/2019 13:00	902.2319
3/10/2019 14:00	897.0267
3/10/2019 15:00	895.5962
3/10/2019 16:00	891.1812
3/10/2019 17:00	911.6804
3/10/2019 18:00	921.4271
3/10/2019 19:00	909.0985
3/10/2019 20:00	873.4937
3/10/2019 21:00	873.4913
3/10/2019 22:00	859.7372
3/10/2019 23:00	792.4478
3/11/2019 0:00	754.1436
3/11/2019 1:00	693.2508
3/11/2019 2:00	618.1484
3/11/2019 3:00	533.4237
3/11/2019 4:00	368.5131
3/11/2019 5:00	412.1799
3/11/2019 6:00	518.9124
3/11/2019 7:00	545.4618
3/11/2019 8:00	582.8437
3/11/2019 9:00	373.6344
3/11/2019 10:00	346.8632
3/11/2019 11:00	279.2951
3/11/2019 12:00	212.8892
3/11/2019 13:00	236.1454
3/11/2019 14:00	405.2485
3/11/2019 15:00	706.4546
3/11/2019 16:00	791.9201
3/11/2019 17:00	851.1565
3/11/2019 18:00	895.2332

Date/Time	Flex Reserve
3/11/2019 19:00	851.7961
3/11/2019 20:00	815.9261
3/11/2019 21:00	774.1791
3/11/2019 22:00	750.7138
3/11/2019 23:00	744.8716
3/12/2019 0:00	706.5896
3/12/2019 1:00	675.512
3/12/2019 2:00	712.5939
3/12/2019 3:00	684.6253
3/12/2019 4:00	656.2294
3/12/2019 5:00	665.877
3/12/2019 6:00	651.3856
3/12/2019 7:00	683.3891
3/12/2019 8:00	729.0513
3/12/2019 9:00	800.6685
3/12/2019 10:00	811.3337
3/12/2019 11:00	828.0222
3/12/2019 12:00	856.6268
3/12/2019 13:00	884.5644
3/12/2019 14:00	891.6548
3/12/2019 15:00	879.1132
3/12/2019 16:00	823.7433
3/12/2019 17:00	762.1508
3/12/2019 18:00	718.08
3/12/2019 19:00	732.9691
3/12/2019 20:00	745.8176
3/12/2019 21:00	734.8374
3/12/2019 22:00	843.4636
3/12/2019 23:00	873.4938
3/13/2019 0:00	873.4917
3/13/2019 1:00	848.6492
3/13/2019 2:00	833.5801
3/13/2019 3:00	810.0184
3/13/2019 4:00	807.4223
3/13/2019 5:00	798.0991
3/13/2019 6:00	800.7702
3/13/2019 7:00	813.3404
3/13/2019 8:00	863.4278
3/13/2019 9:00	861.346
3/13/2019 10:00	837.8478
3/13/2019 11:00	849.8679
3/13/2019 12:00	777.994
3/13/2019 13:00	783.4645
3/13/2019 14:00	736.642
3/13/2019 15:00	601.1022
3/13/2019 16:00	403.5793
3/13/2019 17:00	277.6382
3/13/2019 18:00	266.4105
3/13/2019 19:00	217.2184
3/13/2019 20:00	208.1144
3/13/2019 21:00	280.8557
3/13/2019 22:00	345.8772
3/13/2019 23:00	316.1719
3/14/2019 0:00	409.1877

Date/Time	Flex Reserve
3/14/2019 1:00	532.7043
3/14/2019 2:00	586.6617
3/14/2019 3:00	604.5757
3/14/2019 4:00	620.5722
3/14/2019 5:00	620.6275
3/14/2019 6:00	637.9054
3/14/2019 7:00	660.1267
3/14/2019 8:00	633.291
3/14/2019 9:00	706.2967
3/14/2019 10:00	718.5249
3/14/2019 11:00	777.4429
3/14/2019 12:00	805.2874
3/14/2019 13:00	816.2285
3/14/2019 14:00	829.824
3/14/2019 15:00	851.4492
3/14/2019 16:00	865.5128
3/14/2019 17:00	858.6692
3/14/2019 18:00	852.1507
3/14/2019 19:00	782.1223
3/14/2019 20:00	709.6795
3/14/2019 21:00	700.1683
3/14/2019 22:00	684.5437
3/14/2019 23:00	655.5446
3/15/2019 0:00	629.3414
3/15/2019 1:00	593.5984
3/15/2019 2:00	581.9141
3/15/2019 3:00	537.5455
3/15/2019 4:00	483.9901
3/15/2019 5:00	479.3131
3/15/2019 6:00	560.0287
3/15/2019 7:00	616.8353
3/15/2019 8:00	677.3623
3/15/2019 9:00	727.9979
3/15/2019 10:00	704.8295
3/15/2019 11:00	679.9029
3/15/2019 12:00	616.4846
3/15/2019 13:00	518.4662
3/15/2019 14:00	480.6843
3/15/2019 15:00	426.9769
3/15/2019 16:00	404.7437
3/15/2019 17:00	371.0737
3/15/2019 18:00	305.0756
3/15/2019 19:00	190.6358
3/15/2019 20:00	221.8537
3/15/2019 21:00	429.2342
3/15/2019 22:00	569.9045
3/15/2019 23:00	625.2533
3/16/2019 0:00	627.3855
3/16/2019 1:00	589.0594
3/16/2019 2:00	548.8673
3/16/2019 3:00	394.203
3/16/2019 4:00	292.4438
3/16/2019 5:00	369.5597
3/16/2019 6:00	579.1331

Date/Time	Flex Reserve
3/16/2019 7:00	633.6726
3/16/2019 8:00	673.6494
3/16/2019 9:00	680.6376
3/16/2019 10:00	637.3326
3/16/2019 11:00	558.45
3/16/2019 12:00	542.8218
3/16/2019 13:00	425.2928
3/16/2019 14:00	426.0777
3/16/2019 15:00	378.2541
3/16/2019 16:00	329.155
3/16/2019 17:00	330.2597
3/16/2019 18:00	272.2641
3/16/2019 19:00	111.8415
3/16/2019 20:00	110.1877
3/16/2019 21:00	206.6679
3/16/2019 22:00	298.002
3/16/2019 23:00	437.0098
3/17/2019 0:00	537.6937
3/17/2019 1:00	623.4895
3/17/2019 2:00	656.0938
3/17/2019 3:00	719.2748
3/17/2019 4:00	742.6752
3/17/2019 5:00	744.5194
3/17/2019 6:00	735.2603
3/17/2019 7:00	732.0641
3/17/2019 8:00	715.1861
3/17/2019 9:00	704.2204
3/17/2019 10:00	707.4353
3/17/2019 11:00	698.2203
3/17/2019 12:00	724.2426
3/17/2019 13:00	781.7867
3/17/2019 14:00	792.9745
3/17/2019 15:00	787.7002
3/17/2019 16:00	789.3859
3/17/2019 17:00	791.1273
3/17/2019 18:00	773.9272
3/17/2019 19:00	700.1733
3/17/2019 20:00	661.6881
3/17/2019 21:00	690.8509
3/17/2019 22:00	700.8201
3/17/2019 23:00	710.1022
3/18/2019 0:00	716.1171
3/18/2019 1:00	733.0046
3/18/2019 2:00	708.4923
3/18/2019 3:00	677.6169
3/18/2019 4:00	661.4748
3/18/2019 5:00	621.7639
3/18/2019 6:00	610.1073
3/18/2019 7:00	620.9083
3/18/2019 8:00	670.7488
3/18/2019 9:00	723.8691
3/18/2019 10:00	792.0336
3/18/2019 11:00	863.8256
3/18/2019 12:00	901.3297

Date/Time	Flex Reserve
3/18/2019 13:00	911.298
3/18/2019 14:00	886.9475
3/18/2019 15:00	840.2609
3/18/2019 16:00	816.2329
3/18/2019 17:00	767.3369
3/18/2019 18:00	706.5642
3/18/2019 19:00	596.6268
3/18/2019 20:00	602.8258
3/18/2019 21:00	610.7193
3/18/2019 22:00	700.9288
3/18/2019 23:00	731.4047
3/19/2019 0:00	739.471
3/19/2019 1:00	714.069
3/19/2019 2:00	775.8436
3/19/2019 3:00	814.5026
3/19/2019 4:00	819.7529
3/19/2019 5:00	849.3823
3/19/2019 6:00	864.7214
3/19/2019 7:00	873.4859
3/19/2019 8:00	873.4938
3/19/2019 9:00	927.7774
3/19/2019 10:00	938.6989
3/19/2019 11:00	938.7
3/19/2019 12:00	925.7913
3/19/2019 13:00	920.7669
3/19/2019 14:00	926.7701
3/19/2019 15:00	897.4651
3/19/2019 16:00	893.1168
3/19/2019 17:00	872.5721
3/19/2019 18:00	885.064
3/19/2019 19:00	840.3591
3/19/2019 20:00	740.9188
3/19/2019 21:00	691.3453
3/19/2019 22:00	609.0804
3/19/2019 23:00	494.1624
3/20/2019 0:00	378.3669
3/20/2019 1:00	376.2955
3/20/2019 2:00	577.126
3/20/2019 3:00	682.2163
3/20/2019 4:00	716.8233
3/20/2019 5:00	760.7878
3/20/2019 6:00	782.3018
3/20/2019 7:00	834.5224
3/20/2019 8:00	881.7788
3/20/2019 9:00	928.3395
3/20/2019 10:00	928.121
3/20/2019 11:00	899.365
3/20/2019 12:00	879.4043
3/20/2019 13:00	878.5213
3/20/2019 14:00	868.7804
3/20/2019 15:00	833.8759
3/20/2019 16:00	782.2843
3/20/2019 17:00	756.9563
3/20/2019 18:00	719.1978

Date/Time	Flex Reserve
3/20/2019 19:00	551.5244
3/20/2019 20:00	327.3898
3/20/2019 21:00	330.6537
3/20/2019 22:00	237.6408
3/20/2019 23:00	101.0245
3/21/2019 0:00	38.21617
3/21/2019 1:00	33.5392
3/21/2019 2:00	28.76368
3/21/2019 3:00	20.24545
3/21/2019 4:00	66.58301
3/21/2019 5:00	215.7763
3/21/2019 6:00	425.9733
3/21/2019 7:00	497.039
3/21/2019 8:00	408.312
3/21/2019 9:00	537.1498
3/21/2019 10:00	563.0758
3/21/2019 11:00	687.1538
3/21/2019 12:00	740.5626
3/21/2019 13:00	773.0781
3/21/2019 14:00	840.3956
3/21/2019 15:00	908.0754
3/21/2019 16:00	920.9173
3/21/2019 17:00	929.0763
3/21/2019 18:00	931.8144
3/21/2019 19:00	892.4016
3/21/2019 20:00	873.4948
3/21/2019 21:00	873.4935
3/21/2019 22:00	873.4957
3/21/2019 23:00	873.4935
3/22/2019 0:00	850.5755
3/22/2019 1:00	834.0692
3/22/2019 2:00	820.0232
3/22/2019 3:00	777.6194
3/22/2019 4:00	760.4093
3/22/2019 5:00	809.3337
3/22/2019 6:00	807.1239
3/22/2019 7:00	790.475
3/22/2019 8:00	733.5011
3/22/2019 9:00	781.4044
3/22/2019 10:00	789.4521
3/22/2019 11:00	815.9954
3/22/2019 12:00	855.3637
3/22/2019 13:00	863.2041
3/22/2019 14:00	874.0727
3/22/2019 15:00	880.1198
3/22/2019 16:00	916.0493
3/22/2019 17:00	921.0166
3/22/2019 18:00	864.0885
3/22/2019 19:00	693.3197
3/22/2019 20:00	668.2034
3/22/2019 21:00	676.2505
3/22/2019 22:00	715.6067
3/22/2019 23:00	816.3157
3/23/2019 0:00	805.5634

Date/Time	Flex Reserve
3/23/2019 1:00	828.8949
3/23/2019 2:00	831.7645
3/23/2019 3:00	821.1921
3/23/2019 4:00	798.6525
3/23/2019 5:00	769.3382
3/23/2019 6:00	761.584
3/23/2019 7:00	758.922
3/23/2019 8:00	752.9601
3/23/2019 9:00	791.7007
3/23/2019 10:00	801.7906
3/23/2019 11:00	803.7539
3/23/2019 12:00	790.3317
3/23/2019 13:00	780.0017
3/23/2019 14:00	825.2063
3/23/2019 15:00	855.6148
3/23/2019 16:00	850.3719
3/23/2019 17:00	848.5708
3/23/2019 18:00	869.3075
3/23/2019 19:00	862.576
3/23/2019 20:00	806.0698
3/23/2019 21:00	773.5015
3/23/2019 22:00	758.9198
3/23/2019 23:00	717.0272
3/24/2019 0:00	682.4738
3/24/2019 1:00	636.8814
3/24/2019 2:00	515.825
3/24/2019 3:00	484.5094
3/24/2019 4:00	447.2811
3/24/2019 5:00	336.6431
3/24/2019 6:00	205.918
3/24/2019 7:00	129.8707
3/24/2019 8:00	192.1063
3/24/2019 9:00	314.9236
3/24/2019 10:00	341.7387
3/24/2019 11:00	328.4044
3/24/2019 12:00	308.6375
3/24/2019 13:00	339.9082
3/24/2019 14:00	263.1364
3/24/2019 15:00	204.6409
3/24/2019 16:00	261.7257
3/24/2019 17:00	292.0882
3/24/2019 18:00	198.6642
3/24/2019 19:00	341.5381
3/24/2019 20:00	426.0577
3/24/2019 21:00	416.9406
3/24/2019 22:00	284.9068
3/24/2019 23:00	187.2621
3/25/2019 0:00	339.8925
3/25/2019 1:00	362.6417
3/25/2019 2:00	385.6299
3/25/2019 3:00	342.4358
3/25/2019 4:00	271.9829
3/25/2019 5:00	282.5834
3/25/2019 6:00	247.4229

Date/Time	Flex Reserve
3/25/2019 7:00	280.8362
3/25/2019 8:00	215.6861
3/25/2019 9:00	333.9408
3/25/2019 10:00	563.2231
3/25/2019 11:00	689.9975
3/25/2019 12:00	715.1126
3/25/2019 13:00	766.0982
3/25/2019 14:00	790.3099
3/25/2019 15:00	773.1228
3/25/2019 16:00	784.418
3/25/2019 17:00	800.9716
3/25/2019 18:00	815.3345
3/25/2019 19:00	725.0535
3/25/2019 20:00	623.0114
3/25/2019 21:00	586.0816
3/25/2019 22:00	464.9625
3/25/2019 23:00	453.2481
3/26/2019 0:00	561.7027
3/26/2019 1:00	619.3973
3/26/2019 2:00	672.1477
3/26/2019 3:00	703.5023
3/26/2019 4:00	735.3704
3/26/2019 5:00	737.1301
3/26/2019 6:00	728.0625
3/26/2019 7:00	710.9965
3/26/2019 8:00	758.3335
3/26/2019 9:00	810.8406
3/26/2019 10:00	810.3813
3/26/2019 11:00	780.7376
3/26/2019 12:00	776.7271
3/26/2019 13:00	765.6714
3/26/2019 14:00	810.86
3/26/2019 15:00	817.2456
3/26/2019 16:00	823.2915
3/26/2019 17:00	830.5085
3/26/2019 18:00	821.9804
3/26/2019 19:00	812.6073
3/26/2019 20:00	832.6085
3/26/2019 21:00	869.222
3/26/2019 22:00	873.4946
3/26/2019 23:00	850.1745
3/27/2019 0:00	802.2759
3/27/2019 1:00	770.8229
3/27/2019 2:00	753.2057
3/27/2019 3:00	735.1298
3/27/2019 4:00	736.1704
3/27/2019 5:00	796.727
3/27/2019 6:00	815.3053
3/27/2019 7:00	800.2275
3/27/2019 8:00	799.4429
3/27/2019 9:00	822.2509
3/27/2019 10:00	748.0262
3/27/2019 11:00	684.1288
3/27/2019 12:00	665.3799

Date/Time	Flex Reserve
3/27/2019 13:00	556.0585
3/27/2019 14:00	493.0188
3/27/2019 15:00	580.4789
3/27/2019 16:00	684.8126
3/27/2019 17:00	727.9713
3/27/2019 18:00	768.0259
3/27/2019 19:00	749.487
3/27/2019 20:00	804.8945
3/27/2019 21:00	835.3454
3/27/2019 22:00	833.5815
3/27/2019 23:00	790.3289
3/28/2019 0:00	771.1576
3/28/2019 1:00	733.5785
3/28/2019 2:00	705.1148
3/28/2019 3:00	649.8705
3/28/2019 4:00	659.4171
3/28/2019 5:00	653.8249
3/28/2019 6:00	636.4434
3/28/2019 7:00	635.4061
3/28/2019 8:00	705.5518
3/28/2019 9:00	727.5548
3/28/2019 10:00	690.8135
3/28/2019 11:00	664.3447
3/28/2019 12:00	628.4651
3/28/2019 13:00	685.2329
3/28/2019 14:00	720.7696
3/28/2019 15:00	807.8231
3/28/2019 16:00	869.7137
3/28/2019 17:00	893.4564
3/28/2019 18:00	875.0053
3/28/2019 19:00	756.0021
3/28/2019 20:00	631.0612
3/28/2019 21:00	398.1173
3/28/2019 22:00	405.2279
3/28/2019 23:00	388.2171
3/29/2019 0:00	363.4179
3/29/2019 1:00	494.5931
3/29/2019 2:00	412.8607
3/29/2019 3:00	406.8065
3/29/2019 4:00	472.1709
3/29/2019 5:00	473.5645
3/29/2019 6:00	413.3938
3/29/2019 7:00	289.8964
3/29/2019 8:00	271.9192
3/29/2019 9:00	239.5752
3/29/2019 10:00	222.8246
3/29/2019 11:00	237.3419
3/29/2019 12:00	246.1014
3/29/2019 13:00	362.3018
3/29/2019 14:00	340.9778
3/29/2019 15:00	486.0811
3/29/2019 16:00	474.9355
3/29/2019 17:00	653.6858
3/29/2019 18:00	741.1123

Date/Time	Flex Reserve
3/29/2019 19:00	732.4896
3/29/2019 20:00	710.2151
3/29/2019 21:00	718.3266
3/29/2019 22:00	738.0482
3/29/2019 23:00	802.634
3/30/2019 0:00	829.5021
3/30/2019 1:00	837.3843
3/30/2019 2:00	834.8125
3/30/2019 3:00	834.3553
3/30/2019 4:00	846.4109
3/30/2019 5:00	850.1024
3/30/2019 6:00	818.1794
3/30/2019 7:00	781.2101
3/30/2019 8:00	772.0648
3/30/2019 9:00	817.0647
3/30/2019 10:00	801.6897
3/30/2019 11:00	792.9998
3/30/2019 12:00	756.5109
3/30/2019 13:00	738.8053
3/30/2019 14:00	741.1061
3/30/2019 15:00	743.1232
3/30/2019 16:00	711.6949
3/30/2019 17:00	667.6152
3/30/2019 18:00	488.6168
3/30/2019 19:00	232.3784
3/30/2019 20:00	78.35539
3/30/2019 21:00	46.77034
3/30/2019 22:00	26.70353
3/30/2019 23:00	40.46668
3/31/2019 0:00	69.86519
3/31/2019 1:00	118.9066
3/31/2019 2:00	136.2267
3/31/2019 3:00	132.6881
3/31/2019 4:00	113.5522
3/31/2019 5:00	133.9483
3/31/2019 6:00	143.0359
3/31/2019 7:00	163.7214
3/31/2019 8:00	184.608
3/31/2019 9:00	200.4297
3/31/2019 10:00	240.8116
3/31/2019 11:00	201.8482
3/31/2019 12:00	191.7583
3/31/2019 13:00	246.8076
3/31/2019 14:00	263.8835
3/31/2019 15:00	261.1262
3/31/2019 16:00	285.6661
3/31/2019 17:00	301.749
3/31/2019 18:00	321.025
3/31/2019 19:00	440.3744
3/31/2019 20:00	614.8222
3/31/2019 21:00	650.4255
3/31/2019 22:00	659.7607
3/31/2019 23:00	672.5777
4/1/2019 0:00	650.8028

Date/Time	Flex Reserve
4/1/2019 1:00	647.0603
4/1/2019 2:00	619.3194
4/1/2019 3:00	565.5835
4/1/2019 4:00	483.3701
4/1/2019 5:00	366.9778
4/1/2019 6:00	223.3922
4/1/2019 7:00	211.4478
4/1/2019 8:00	242.4775
4/1/2019 9:00	403.9449
4/1/2019 10:00	495.0432
4/1/2019 11:00	673.263
4/1/2019 12:00	728.7883
4/1/2019 13:00	776.7176
4/1/2019 14:00	791.0917
4/1/2019 15:00	801.0335
4/1/2019 16:00	802.1977
4/1/2019 17:00	800.6145
4/1/2019 18:00	814.2824
4/1/2019 19:00	757.9383
4/1/2019 20:00	748.6065
4/1/2019 21:00	654.5781
4/1/2019 22:00	653.1275
4/1/2019 23:00	622.3904
4/2/2019 0:00	502.2773
4/2/2019 1:00	513.0883
4/2/2019 2:00	478.2428
4/2/2019 3:00	451.9863
4/2/2019 4:00	428.8693
4/2/2019 5:00	360.9297
4/2/2019 6:00	323.0522
4/2/2019 7:00	319.7495
4/2/2019 8:00	294.0852
4/2/2019 9:00	408.6706
4/2/2019 10:00	555.5759
4/2/2019 11:00	693.1667
4/2/2019 12:00	727.8361
4/2/2019 13:00	760.0758
4/2/2019 14:00	804.283
4/2/2019 15:00	831.572
4/2/2019 16:00	848.6732
4/2/2019 17:00	833.4016
4/2/2019 18:00	844.9387
4/2/2019 19:00	821.7796
4/2/2019 20:00	803.6685
4/2/2019 21:00	853.8678
4/2/2019 22:00	865.2491
4/2/2019 23:00	873.4954
4/3/2019 0:00	862.3898
4/3/2019 1:00	817.4636
4/3/2019 2:00	786.4984
4/3/2019 3:00	785.2474
4/3/2019 4:00	767.2735
4/3/2019 5:00	757.4143
4/3/2019 6:00	717.7539

Date/Time	Flex Reserve
4/3/2019 7:00	644.4063
4/3/2019 8:00	585.2359
4/3/2019 9:00	377.5335
4/3/2019 10:00	354.7411
4/3/2019 11:00	292.5438
4/3/2019 12:00	291.9829
4/3/2019 13:00	284.0869
4/3/2019 14:00	276.8478
4/3/2019 15:00	285.0183
4/3/2019 16:00	511.245
4/3/2019 17:00	648.9025
4/3/2019 18:00	619.6865
4/3/2019 19:00	575.2314
4/3/2019 20:00	536.0917
4/3/2019 21:00	414.7845
4/3/2019 22:00	411.0526
4/3/2019 23:00	461.0156
4/4/2019 0:00	316.1042
4/4/2019 1:00	174.8812
4/4/2019 2:00	96.36398
4/4/2019 3:00	188.3892
4/4/2019 4:00	357.0695
4/4/2019 5:00	422.3606
4/4/2019 6:00	448.4578
4/4/2019 7:00	465.6766
4/4/2019 8:00	444.3905
4/4/2019 9:00	569.0318
4/4/2019 10:00	574.7029
4/4/2019 11:00	624.8367
4/4/2019 12:00	696.1309
4/4/2019 13:00	694.5401
4/4/2019 14:00	674.2397
4/4/2019 15:00	656.6769
4/4/2019 16:00	678.4044
4/4/2019 17:00	703.6869
4/4/2019 18:00	705.4335
4/4/2019 19:00	671.7066
4/4/2019 20:00	688.4794
4/4/2019 21:00	749.7532
4/4/2019 22:00	800.5271
4/4/2019 23:00	795.8593
4/5/2019 0:00	782.2212
4/5/2019 1:00	764.3847
4/5/2019 2:00	757.5385
4/5/2019 3:00	728.3852
4/5/2019 4:00	678.9961
4/5/2019 5:00	608.8843
4/5/2019 6:00	614.389
4/5/2019 7:00	600.4239
4/5/2019 8:00	584.0481
4/5/2019 9:00	554.9238
4/5/2019 10:00	368.7559
4/5/2019 11:00	280.4784
4/5/2019 12:00	257.9302

Date/Time	Flex Reserve
4/5/2019 13:00	297.001
4/5/2019 14:00	351.7729
4/5/2019 15:00	466.4686
4/5/2019 16:00	685.178
4/5/2019 17:00	758.77
4/5/2019 18:00	731.5307
4/5/2019 19:00	660.1435
4/5/2019 20:00	662.9137
4/5/2019 21:00	749.4858
4/5/2019 22:00	810.1676
4/5/2019 23:00	743.3494
4/6/2019 0:00	767.3898
4/6/2019 1:00	751.2727
4/6/2019 2:00	779.1518
4/6/2019 3:00	762.946
4/6/2019 4:00	763.4176
4/6/2019 5:00	748.9163
4/6/2019 6:00	746.1856
4/6/2019 7:00	759.1247
4/6/2019 8:00	790.3201
4/6/2019 9:00	799.6993
4/6/2019 10:00	822.5144
4/6/2019 11:00	832.6064
4/6/2019 12:00	772.0664
4/6/2019 13:00	694.4449
4/6/2019 14:00	550.8259
4/6/2019 15:00	491.8709
4/6/2019 16:00	544.709
4/6/2019 17:00	555.2219
4/6/2019 18:00	687.2671
4/6/2019 19:00	612.7392
4/6/2019 20:00	637.8026
4/6/2019 21:00	610.0733
4/6/2019 22:00	594.1149
4/6/2019 23:00	624.8787
4/7/2019 0:00	736.1934
4/7/2019 1:00	785.9812
4/7/2019 2:00	764.437
4/7/2019 3:00	772.4105
4/7/2019 4:00	775.2392
4/7/2019 5:00	799.1979
4/7/2019 6:00	807.0544
4/7/2019 7:00	796.1984
4/7/2019 8:00	843.8929
4/7/2019 9:00	863.3908
4/7/2019 10:00	851.0437
4/7/2019 11:00	797.9601
4/7/2019 12:00	770.4498
4/7/2019 13:00	769.6319
4/7/2019 14:00	702.9086
4/7/2019 15:00	684.5978
4/7/2019 16:00	696.2396
4/7/2019 17:00	716.7128
4/7/2019 18:00	728.4963

Date/Time	Flex Reserve
4/7/2019 19:00	744.7281
4/7/2019 20:00	697.3987
4/7/2019 21:00	708.1204
4/7/2019 22:00	739.0068
4/7/2019 23:00	745.3091
4/8/2019 0:00	753.3105
4/8/2019 1:00	777.0447
4/8/2019 2:00	747.2817
4/8/2019 3:00	730.2532
4/8/2019 4:00	733.1669
4/8/2019 5:00	738.2674
4/8/2019 6:00	721.1422
4/8/2019 7:00	757.6955
4/8/2019 8:00	796.8877
4/8/2019 9:00	787.8604
4/8/2019 10:00	810.0204
4/8/2019 11:00	787.1042
4/8/2019 12:00	735.0469
4/8/2019 13:00	715.2715
4/8/2019 14:00	681.8126
4/8/2019 15:00	680.3368
4/8/2019 16:00	634.1473
4/8/2019 17:00	526.0433
4/8/2019 18:00	537.3933
4/8/2019 19:00	453.1952
4/8/2019 20:00	504.1023
4/8/2019 21:00	584.8766
4/8/2019 22:00	457.6686
4/8/2019 23:00	291.4645
4/9/2019 0:00	268.2386
4/9/2019 1:00	391.9562
4/9/2019 2:00	503.6892
4/9/2019 3:00	632.718
4/9/2019 4:00	642.1729
4/9/2019 5:00	628.23
4/9/2019 6:00	651.5323
4/9/2019 7:00	680.0928
4/9/2019 8:00	748.581
4/9/2019 9:00	763.702
4/9/2019 10:00	741.5272
4/9/2019 11:00	752.8052
4/9/2019 12:00	771.3686
4/9/2019 13:00	811.0995
4/9/2019 14:00	862.4354
4/9/2019 15:00	886.8623
4/9/2019 16:00	872.9046
4/9/2019 17:00	814.7481
4/9/2019 18:00	805.0938
4/9/2019 19:00	802.5902
4/9/2019 20:00	777.4769
4/9/2019 21:00	732.1849
4/9/2019 22:00	696.6767
4/9/2019 23:00	762.1884
4/10/2019 0:00	734.841

Date/Time	Flex Reserve
4/10/2019 1:00	782.4115
4/10/2019 2:00	820.1967
4/10/2019 3:00	844.3391
4/10/2019 4:00	850.8265
4/10/2019 5:00	860.7976
4/10/2019 6:00	828.9829
4/10/2019 7:00	847.3942
4/10/2019 8:00	898.4879
4/10/2019 9:00	938.6773
4/10/2019 10:00	916.6264
4/10/2019 11:00	931.819
4/10/2019 12:00	938.6792
4/10/2019 13:00	938.6747
4/10/2019 14:00	938.3462
4/10/2019 15:00	937.8084
4/10/2019 16:00	938.6756
4/10/2019 17:00	938.673
4/10/2019 18:00	908.7708
4/10/2019 19:00	873.4595
4/10/2019 20:00	873.4904
4/10/2019 21:00	873.4903
4/10/2019 22:00	873.1258
4/10/2019 23:00	873.4906
4/11/2019 0:00	873.4912
4/11/2019 1:00	870.9368
4/11/2019 2:00	854.0592
4/11/2019 3:00	854.639
4/11/2019 4:00	845.6994
4/11/2019 5:00	868.7972
4/11/2019 6:00	873.3715
4/11/2019 7:00	873.4875
4/11/2019 8:00	884.3151
4/11/2019 9:00	938.6785
4/11/2019 10:00	938.6767
4/11/2019 11:00	938.6797
4/11/2019 12:00	938.6791
4/11/2019 13:00	938.6819
4/11/2019 14:00	938.6803
4/11/2019 15:00	938.6723
4/11/2019 16:00	938.6727
4/11/2019 17:00	937.5573
4/11/2019 18:00	931.4653
4/11/2019 19:00	881.4906
4/11/2019 20:00	760.3161
4/11/2019 21:00	723.4553
4/11/2019 22:00	684.9365
4/11/2019 23:00	698.7793
4/12/2019 0:00	695.3827
4/12/2019 1:00	702.0259
4/12/2019 2:00	740.6902
4/12/2019 3:00	765.499
4/12/2019 4:00	727.4351
4/12/2019 5:00	699.7241
4/12/2019 6:00	671.3806

Date/Time	Flex Reserve
4/12/2019 7:00	652.5296
4/12/2019 8:00	688.8726
4/12/2019 9:00	699.8631
4/12/2019 10:00	723.2814
4/12/2019 11:00	721.9314
4/12/2019 12:00	717.411
4/12/2019 13:00	690.8281
4/12/2019 14:00	614.279
4/12/2019 15:00	563.3507
4/12/2019 16:00	582.4619
4/12/2019 17:00	595.5384
4/12/2019 18:00	587.5992
4/12/2019 19:00	656.9544
4/12/2019 20:00	636.5918
4/12/2019 21:00	698.9515
4/12/2019 22:00	751.3234
4/12/2019 23:00	753.8282
4/13/2019 0:00	685.2738
4/13/2019 1:00	679.2707
4/13/2019 2:00	661.5063
4/13/2019 3:00	644.807
4/13/2019 4:00	580.1716
4/13/2019 5:00	523.584
4/13/2019 6:00	302.309
4/13/2019 7:00	436.9184
4/13/2019 8:00	574.0138
4/13/2019 9:00	635.1743
4/13/2019 10:00	691.2737
4/13/2019 11:00	719.2431
4/13/2019 12:00	665.6842
4/13/2019 13:00	631.411
4/13/2019 14:00	555.8726
4/13/2019 15:00	463.0748
4/13/2019 16:00	458.8241
4/13/2019 17:00	438.8125
4/13/2019 18:00	491.6125
4/13/2019 19:00	416.3484
4/13/2019 20:00	531.9882
4/13/2019 21:00	529.1034
4/13/2019 22:00	563.9804
4/13/2019 23:00	613.0501
4/14/2019 0:00	625.8318
4/14/2019 1:00	660.0496
4/14/2019 2:00	701.3661
4/14/2019 3:00	694.1575
4/14/2019 4:00	655.9333
4/14/2019 5:00	624.2517
4/14/2019 6:00	610.7712
4/14/2019 7:00	640.2169
4/14/2019 8:00	750.1696
4/14/2019 9:00	757.1667
4/14/2019 10:00	739.2916
4/14/2019 11:00	742.979
4/14/2019 12:00	728.4111

Date/Time	Flex Reserve
4/14/2019 13:00	705.5758
4/14/2019 14:00	708.1253
4/14/2019 15:00	703.5485
4/14/2019 16:00	692.2438
4/14/2019 17:00	673.3644
4/14/2019 18:00	709.9345
4/14/2019 19:00	683.5296
4/14/2019 20:00	620.7362
4/14/2019 21:00	615.3699
4/14/2019 22:00	626.7499
4/14/2019 23:00	641.8821
4/15/2019 0:00	644.6945
4/15/2019 1:00	647.7461
4/15/2019 2:00	630.7321
4/15/2019 3:00	576.5567
4/15/2019 4:00	615.473
4/15/2019 5:00	630.9676
4/15/2019 6:00	630.4655
4/15/2019 7:00	691.7497
4/15/2019 8:00	733.438
4/15/2019 9:00	713.2263
4/15/2019 10:00	709.503
4/15/2019 11:00	719.0532
4/15/2019 12:00	677.1526
4/15/2019 13:00	549.4461
4/15/2019 14:00	461.6645
4/15/2019 15:00	407.1883
4/15/2019 16:00	482.836
4/15/2019 17:00	590.1133
4/15/2019 18:00	761.1412
4/15/2019 19:00	790.4609
4/15/2019 20:00	707.8247
4/15/2019 21:00	745.0617
4/15/2019 22:00	695.9733
4/15/2019 23:00	682.0851
4/16/2019 0:00	675.1332
4/16/2019 1:00	630.9409
4/16/2019 2:00	621.237
4/16/2019 3:00	617.9058
4/16/2019 4:00	600.1126
4/16/2019 5:00	617.6767
4/16/2019 6:00	611.4512
4/16/2019 7:00	614.0547
4/16/2019 8:00	605.4239
4/16/2019 9:00	445.3689
4/16/2019 10:00	511.0706
4/16/2019 11:00	611.4419
4/16/2019 12:00	720.2397
4/16/2019 13:00	753.4565
4/16/2019 14:00	795.3478
4/16/2019 15:00	797.5803
4/16/2019 16:00	811.9122
4/16/2019 17:00	743.9661
4/16/2019 18:00	714.3706

Date/Time	Flex Reserve
4/16/2019 19:00	695.0063
4/16/2019 20:00	650.4148
4/16/2019 21:00	636.3951
4/16/2019 22:00	682.523
4/16/2019 23:00	706.4581
4/17/2019 0:00	710.3008
4/17/2019 1:00	745.1535
4/17/2019 2:00	793.4299
4/17/2019 3:00	779.0072
4/17/2019 4:00	790.5074
4/17/2019 5:00	760.027
4/17/2019 6:00	842.2811
4/17/2019 7:00	884.3098
4/17/2019 8:00	938.6823
4/17/2019 9:00	938.6841
4/17/2019 10:00	938.6777
4/17/2019 11:00	938.6737
4/17/2019 12:00	938.6739
4/17/2019 13:00	938.6803
4/17/2019 14:00	938.6739
4/17/2019 15:00	938.6156
4/17/2019 16:00	938.6798
4/17/2019 17:00	907.0347
4/17/2019 18:00	867.4491
4/17/2019 19:00	815.1719
4/17/2019 20:00	752.1605
4/17/2019 21:00	784.1643
4/17/2019 22:00	808.3859
4/17/2019 23:00	801.2545
4/18/2019 0:00	683.974
4/18/2019 1:00	755.4117
4/18/2019 2:00	831.2377
4/18/2019 3:00	806.3513
4/18/2019 4:00	821.8377
4/18/2019 5:00	809.6733
4/18/2019 6:00	837.6585
4/18/2019 7:00	816.637
4/18/2019 8:00	862.7372
4/18/2019 9:00	909.2055
4/18/2019 10:00	938.6827
4/18/2019 11:00	937.15
4/18/2019 12:00	938.6903
4/18/2019 13:00	938.6869
4/18/2019 14:00	938.6905
4/18/2019 15:00	938.6882
4/18/2019 16:00	938.6875
4/18/2019 17:00	938.687
4/18/2019 18:00	938.6884
4/18/2019 19:00	919.5734
4/18/2019 20:00	882.8514
4/18/2019 21:00	803.4583
4/18/2019 22:00	747.9732
4/18/2019 23:00	614.7386
4/19/2019 0:00	603.2611

Date/Time	Flex Reserve
4/19/2019 1:00	437.2369
4/19/2019 2:00	294.6893
4/19/2019 3:00	188.8214
4/19/2019 4:00	193.055
4/19/2019 5:00	229.1716
4/19/2019 6:00	404.4441
4/19/2019 7:00	604.2886
4/19/2019 8:00	682.7507
4/19/2019 9:00	680.6591
4/19/2019 10:00	669.9769
4/19/2019 11:00	584.8587
4/19/2019 12:00	632.3363
4/19/2019 13:00	628.9815
4/19/2019 14:00	673.4068
4/19/2019 15:00	661.5162
4/19/2019 16:00	644.2789
4/19/2019 17:00	577.5742
4/19/2019 18:00	478.3154
4/19/2019 19:00	223.1913
4/19/2019 20:00	93.21016
4/19/2019 21:00	183.8391
4/19/2019 22:00	459.4659
4/19/2019 23:00	686.9817
4/20/2019 0:00	755.4655
4/20/2019 1:00	767.4584
4/20/2019 2:00	777.9564
4/20/2019 3:00	752.5195
4/20/2019 4:00	755.575
4/20/2019 5:00	742.8085
4/20/2019 6:00	682.7999
4/20/2019 7:00	615.897
4/20/2019 8:00	566.1706
4/20/2019 9:00	550.7661
4/20/2019 10:00	514.7823
4/20/2019 11:00	467.2754
4/20/2019 12:00	441.3141
4/20/2019 13:00	385.7289
4/20/2019 14:00	373.2262
4/20/2019 15:00	359.0496
4/20/2019 16:00	349.0183
4/20/2019 17:00	350.1531
4/20/2019 18:00	399.7875
4/20/2019 19:00	523.5953
4/20/2019 20:00	620.789
4/20/2019 21:00	643.31
4/20/2019 22:00	619.7973
4/20/2019 23:00	614.2084
4/21/2019 0:00	660.5775
4/21/2019 1:00	728.0346
4/21/2019 2:00	762.3012
4/21/2019 3:00	776.1316
4/21/2019 4:00	781.0519
4/21/2019 5:00	780.3644
4/21/2019 6:00	781.0815

Date/Time	Flex Reserve
4/21/2019 7:00	801.5058
4/21/2019 8:00	844.0747
4/21/2019 9:00	870.5471
4/21/2019 10:00	889.5375
4/21/2019 11:00	883.9845
4/21/2019 12:00	852.4043
4/21/2019 13:00	834.4685
4/21/2019 14:00	859.7457
4/21/2019 15:00	882.8898
4/21/2019 16:00	888.579
4/21/2019 17:00	881.1923
4/21/2019 18:00	893.6131
4/21/2019 19:00	892.2348
4/21/2019 20:00	879.4817
4/21/2019 21:00	873.495
4/21/2019 22:00	873.4922
4/21/2019 23:00	869.4247
4/22/2019 0:00	845.0354
4/22/2019 1:00	806.5626
4/22/2019 2:00	796.537
4/22/2019 3:00	790.7963
4/22/2019 4:00	800.4191
4/22/2019 5:00	817.1571
4/22/2019 6:00	842.21
4/22/2019 7:00	855.3753
4/22/2019 8:00	854.9208
4/22/2019 9:00	893.5438
4/22/2019 10:00	881.4769
4/22/2019 11:00	877.8597
4/22/2019 12:00	833.2951
4/22/2019 13:00	750.3226
4/22/2019 14:00	703.9239
4/22/2019 15:00	689.4545
4/22/2019 16:00	675.222
4/22/2019 17:00	668.1439
4/22/2019 18:00	634.1343
4/22/2019 19:00	419.3016
4/22/2019 20:00	355.2816
4/22/2019 21:00	275.51
4/22/2019 22:00	187.2692
4/22/2019 23:00	157.1181
4/23/2019 0:00	114.5777
4/23/2019 1:00	73.15274
4/23/2019 2:00	85.78673
4/23/2019 3:00	53.96555
4/23/2019 4:00	37.34249
4/23/2019 5:00	83.17489
4/23/2019 6:00	105.4315
4/23/2019 7:00	94.82241
4/23/2019 8:00	158.3558
4/23/2019 9:00	269.6463
4/23/2019 10:00	661.8124
4/23/2019 11:00	710.6271
4/23/2019 12:00	699.9061

Date/Time	Flex Reserve
4/23/2019 13:00	683.2356
4/23/2019 14:00	659.8514
4/23/2019 15:00	578.0156
4/23/2019 16:00	520.2165
4/23/2019 17:00	592.2934
4/23/2019 18:00	697.2217
4/23/2019 19:00	713.9293
4/23/2019 20:00	693.8593
4/23/2019 21:00	764.8366
4/23/2019 22:00	791.9195
4/23/2019 23:00	755.7403
4/24/2019 0:00	685.2239
4/24/2019 1:00	644.7661
4/24/2019 2:00	617.2012
4/24/2019 3:00	605.1941
4/24/2019 4:00	613.7754
4/24/2019 5:00	624.6038
4/24/2019 6:00	612.9043
4/24/2019 7:00	564.355
4/24/2019 8:00	432.5144
4/24/2019 9:00	347.7614
4/24/2019 10:00	317.1899
4/24/2019 11:00	314.8209
4/24/2019 12:00	328.0181
4/24/2019 13:00	348.4583
4/24/2019 14:00	376.5612
4/24/2019 15:00	343.6658
4/24/2019 16:00	415.2818
4/24/2019 17:00	340.9621
4/24/2019 18:00	292.0981
4/24/2019 19:00	168.5706
4/24/2019 20:00	111.461
4/24/2019 21:00	152.8152
4/24/2019 22:00	356.5538
4/24/2019 23:00	670.8182
4/25/2019 0:00	675.0596
4/25/2019 1:00	718.4969
4/25/2019 2:00	737.2612
4/25/2019 3:00	742.1164
4/25/2019 4:00	744.4895
4/25/2019 5:00	741.226
4/25/2019 6:00	783.9751
4/25/2019 7:00	838.748
4/25/2019 8:00	912.0993
4/25/2019 9:00	923.9949
4/25/2019 10:00	920.1377
4/25/2019 11:00	891.8988
4/25/2019 12:00	886.5169
4/25/2019 13:00	869.2098
4/25/2019 14:00	836.5147
4/25/2019 15:00	773.7879
4/25/2019 16:00	734.4564
4/25/2019 17:00	679.7391
4/25/2019 18:00	556.4164

Date/Time	Flex Reserve
4/25/2019 19:00	399.167
4/25/2019 20:00	271.4913
4/25/2019 21:00	391.4887
4/25/2019 22:00	624.1034
4/25/2019 23:00	712.1149
4/26/2019 0:00	777.3861
4/26/2019 1:00	777.1595
4/26/2019 2:00	784.5904
4/26/2019 3:00	787.7377
4/26/2019 4:00	792.9316
4/26/2019 5:00	805.0985
4/26/2019 6:00	838.7318
4/26/2019 7:00	882.3177
4/26/2019 8:00	937.7228
4/26/2019 9:00	925.4783
4/26/2019 10:00	886.4859
4/26/2019 11:00	839.8483
4/26/2019 12:00	776.144
4/26/2019 13:00	719.1529
4/26/2019 14:00	673.275
4/26/2019 15:00	632.4233
4/26/2019 16:00	632.8431
4/26/2019 17:00	715.2916
4/26/2019 18:00	767.834
4/26/2019 19:00	780.7424
4/26/2019 20:00	701.3151
4/26/2019 21:00	787.6968
4/26/2019 22:00	740.0695
4/26/2019 23:00	674.5302
4/27/2019 0:00	756.8961
4/27/2019 1:00	757.6388
4/27/2019 2:00	726.9124
4/27/2019 3:00	706.8517
4/27/2019 4:00	725.3059
4/27/2019 5:00	716.8343
4/27/2019 6:00	742.3518
4/27/2019 7:00	785.7792
4/27/2019 8:00	845.589
4/27/2019 9:00	873.001
4/27/2019 10:00	890.6665
4/27/2019 11:00	879.7642
4/27/2019 12:00	868.1795
4/27/2019 13:00	773.251
4/27/2019 14:00	480.3665
4/27/2019 15:00	411.4255
4/27/2019 16:00	605.7328
4/27/2019 17:00	738.3071
4/27/2019 18:00	847.2621
4/27/2019 19:00	869.441
4/27/2019 20:00	834.2883
4/27/2019 21:00	867.2158
4/27/2019 22:00	860.6213
4/27/2019 23:00	857.2312
4/28/2019 0:00	846.0489

Date/Time	Flex Reserve
4/28/2019 1:00	799.6353
4/28/2019 2:00	775.4535
4/28/2019 3:00	761.4997
4/28/2019 4:00	750.4062
4/28/2019 5:00	759.8485
4/28/2019 6:00	762.444
4/28/2019 7:00	762.721
4/28/2019 8:00	786.2467
4/28/2019 9:00	758.9715
4/28/2019 10:00	768.8104
4/28/2019 11:00	790.5236
4/28/2019 12:00	794.9434
4/28/2019 13:00	834.6345
4/28/2019 14:00	861.3265
4/28/2019 15:00	878.0077
4/28/2019 16:00	880.1574
4/28/2019 17:00	821.1764
4/28/2019 18:00	886.8019
4/28/2019 19:00	870.5114
4/28/2019 20:00	873.4935
4/28/2019 21:00	873.4942
4/28/2019 22:00	873.4931
4/28/2019 23:00	858.4775
4/29/2019 0:00	826.6521
4/29/2019 1:00	774.4436
4/29/2019 2:00	773.3362
4/29/2019 3:00	769.1209
4/29/2019 4:00	777.1624
4/29/2019 5:00	792.7482
4/29/2019 6:00	856.9032
4/29/2019 7:00	871.8714
4/29/2019 8:00	884.3108
4/29/2019 9:00	877.6217
4/29/2019 10:00	802.1176
4/29/2019 11:00	723.0004
4/29/2019 12:00	670.4832
4/29/2019 13:00	468.3095
4/29/2019 14:00	397.1783
4/29/2019 15:00	432.2517
4/29/2019 16:00	533.8423
4/29/2019 17:00	597.1388
4/29/2019 18:00	633.8415
4/29/2019 19:00	625.3753
4/29/2019 20:00	648.8283
4/29/2019 21:00	711.991
4/29/2019 22:00	768.3115
4/29/2019 23:00	771.8827
4/30/2019 0:00	816.2891
4/30/2019 1:00	812.3592
4/30/2019 2:00	791.1787
4/30/2019 3:00	742.5277
4/30/2019 4:00	659.6635
4/30/2019 5:00	782.4612
4/30/2019 6:00	834.0538

Date/Time	Flex Reserve
4/30/2019 7:00	854.2005
4/30/2019 8:00	852.5314
4/30/2019 9:00	882.2458
4/30/2019 10:00	917.3444
4/30/2019 11:00	898.4681
4/30/2019 12:00	888.8184
4/30/2019 13:00	890.2105
4/30/2019 14:00	872.1691
4/30/2019 15:00	839.9161
4/30/2019 16:00	820.7728
4/30/2019 17:00	803.6747
4/30/2019 18:00	835.2097
4/30/2019 19:00	784.0031
4/30/2019 20:00	674.9673
4/30/2019 21:00	629.624
4/30/2019 22:00	591.1204
4/30/2019 23:00	430.9373
5/1/2019 0:00	243.3196
5/1/2019 1:00	298.9482
5/1/2019 2:00	671.9293
5/1/2019 3:00	718.9012
5/1/2019 4:00	737.3937
5/1/2019 5:00	747.0928
5/1/2019 6:00	617.7217
5/1/2019 7:00	473.711
5/1/2019 8:00	632.2171
5/1/2019 9:00	678.151
5/1/2019 10:00	694.9255
5/1/2019 11:00	540.5836
5/1/2019 12:00	575.0148
5/1/2019 13:00	762.0701
5/1/2019 14:00	878.2761
5/1/2019 15:00	879.5139
5/1/2019 16:00	894.6378
5/1/2019 17:00	905.9537
5/1/2019 18:00	911.1342
5/1/2019 19:00	815.3145
5/1/2019 20:00	701.9926
5/1/2019 21:00	596.2393
5/1/2019 22:00	522.6168
5/1/2019 23:00	382.7332
5/2/2019 0:00	279.2254
5/2/2019 1:00	235.891
5/2/2019 2:00	153.6856
5/2/2019 3:00	234.4379
5/2/2019 4:00	393.6173
5/2/2019 5:00	496.486
5/2/2019 6:00	615.0635
5/2/2019 7:00	669.3877
5/2/2019 8:00	757.114
5/2/2019 9:00	783.3832
5/2/2019 10:00	838.6084
5/2/2019 11:00	833.8059
5/2/2019 12:00	811.746

Date/Time	Flex Reserve
5/2/2019 13:00	815.3839
5/2/2019 14:00	813.98
5/2/2019 15:00	815.9605
5/2/2019 16:00	829.0208
5/2/2019 17:00	843.728
5/2/2019 18:00	850.707
5/2/2019 19:00	813.7786
5/2/2019 20:00	715.2952
5/2/2019 21:00	633.403
5/2/2019 22:00	609.5977
5/2/2019 23:00	658.6404
5/3/2019 0:00	659.8068
5/3/2019 1:00	653.0455
5/3/2019 2:00	629.5799
5/3/2019 3:00	619.2531
5/3/2019 4:00	616.3247
5/3/2019 5:00	612.0417
5/3/2019 6:00	612.4074
5/3/2019 7:00	670.2947
5/3/2019 8:00	730.1476
5/3/2019 9:00	713.9288
5/3/2019 10:00	721.6304
5/3/2019 11:00	689.3112
5/3/2019 12:00	523.4184
5/3/2019 13:00	417.6078
5/3/2019 14:00	385.2482
5/3/2019 15:00	338.9447
5/3/2019 16:00	333.6221
5/3/2019 17:00	368.9032
5/3/2019 18:00	467.3153
5/3/2019 19:00	630.6209
5/3/2019 20:00	663.7453
5/3/2019 21:00	667.1817
5/3/2019 22:00	751.6528
5/3/2019 23:00	789.0577
5/4/2019 0:00	752.4726
5/4/2019 1:00	734.2916
5/4/2019 2:00	687.3035
5/4/2019 3:00	650.4962
5/4/2019 4:00	644.3543
5/4/2019 5:00	658.8139
5/4/2019 6:00	624.2086
5/4/2019 7:00	582.0017
5/4/2019 8:00	626.1574
5/4/2019 9:00	586.5438
5/4/2019 10:00	564.5773
5/4/2019 11:00	482.0543
5/4/2019 12:00	508.816
5/4/2019 13:00	610.0501
5/4/2019 14:00	556.2218
5/4/2019 15:00	478.5921
5/4/2019 16:00	538.6884
5/4/2019 17:00	462.2083
5/4/2019 18:00	378.8289

Date/Time	Flex Reserve
5/4/2019 19:00	365.8831
5/4/2019 20:00	315.5815
5/4/2019 21:00	379.9909
5/4/2019 22:00	606.6054
5/4/2019 23:00	661.5016
5/5/2019 0:00	657.2656
5/5/2019 1:00	669.1863
5/5/2019 2:00	667.914
5/5/2019 3:00	644.5713
5/5/2019 4:00	624.9029
5/5/2019 5:00	610.8178
5/5/2019 6:00	605.3825
5/5/2019 7:00	638.8734
5/5/2019 8:00	685.6376
5/5/2019 9:00	667.126
5/5/2019 10:00	592.6495
5/5/2019 11:00	518.0384
5/5/2019 12:00	477.1825
5/5/2019 13:00	453.086
5/5/2019 14:00	410.7945
5/5/2019 15:00	324.8643
5/5/2019 16:00	333.6732
5/5/2019 17:00	280.1795
5/5/2019 18:00	229.0796
5/5/2019 19:00	181.6522
5/5/2019 20:00	204.6125
5/5/2019 21:00	448.7674
5/5/2019 22:00	642.6225
5/5/2019 23:00	658.7367
5/6/2019 0:00	681.8017
5/6/2019 1:00	676.1593
5/6/2019 2:00	668.5518
5/6/2019 3:00	655.9059
5/6/2019 4:00	636.324
5/6/2019 5:00	599.7131
5/6/2019 6:00	621.8328
5/6/2019 7:00	610.455
5/6/2019 8:00	555.432
5/6/2019 9:00	472.5378
5/6/2019 10:00	472.3523
5/6/2019 11:00	370.3645
5/6/2019 12:00	322.528
5/6/2019 13:00	355.2965
5/6/2019 14:00	535.1503
5/6/2019 15:00	682.1632
5/6/2019 16:00	713.7357
5/6/2019 17:00	773.226
5/6/2019 18:00	801.8216
5/6/2019 19:00	828.669
5/6/2019 20:00	805.8088
5/6/2019 21:00	749.6715
5/6/2019 22:00	640.305
5/6/2019 23:00	654.0817
5/7/2019 0:00	643.2864

Date/Time	Flex Reserve
5/7/2019 1:00	551.035
5/7/2019 2:00	325.6041
5/7/2019 3:00	257.4616
5/7/2019 4:00	370.3599
5/7/2019 5:00	154.4658
5/7/2019 6:00	154.8879
5/7/2019 7:00	330.1154
5/7/2019 8:00	641.4411
5/7/2019 9:00	701.8246
5/7/2019 10:00	632.7841
5/7/2019 11:00	673.8196
5/7/2019 12:00	658.8758
5/7/2019 13:00	689.9552
5/7/2019 14:00	741.1031
5/7/2019 15:00	753.6097
5/7/2019 16:00	748.5864
5/7/2019 17:00	746.0511
5/7/2019 18:00	725.8808
5/7/2019 19:00	717.9118
5/7/2019 20:00	663.7413
5/7/2019 21:00	612.6258
5/7/2019 22:00	499.1778
5/7/2019 23:00	530.2709
5/8/2019 0:00	597.7492
5/8/2019 1:00	168.9706
5/8/2019 2:00	116.4728
5/8/2019 3:00	97.95911
5/8/2019 4:00	119.9851
5/8/2019 5:00	329.8891
5/8/2019 6:00	675.3016
5/8/2019 7:00	787.878
5/8/2019 8:00	882.0615
5/8/2019 9:00	921.5014
5/8/2019 10:00	923.603
5/8/2019 11:00	906.9713
5/8/2019 12:00	919.2843
5/8/2019 13:00	914.2875
5/8/2019 14:00	906.7801
5/8/2019 15:00	901.4339
5/8/2019 16:00	917.7176
5/8/2019 17:00	930.3427
5/8/2019 18:00	883.7652
5/8/2019 19:00	873.4906
5/8/2019 20:00	873.4907
5/8/2019 21:00	873.4898
5/8/2019 22:00	873.4871
5/8/2019 23:00	873.491
5/9/2019 0:00	845.5517
5/9/2019 1:00	809.8412
5/9/2019 2:00	780.994
5/9/2019 3:00	740.7759
5/9/2019 4:00	691.5951
5/9/2019 5:00	642.3078
5/9/2019 6:00	611.8019

Date/Time	Flex Reserve
5/9/2019 7:00	612.5533
5/9/2019 8:00	585.7726
5/9/2019 9:00	455.7133
5/9/2019 10:00	349.3142
5/9/2019 11:00	331.3905
5/9/2019 12:00	308.7679
5/9/2019 13:00	234.6275
5/9/2019 14:00	271.396
5/9/2019 15:00	305.6771
5/9/2019 16:00	264.7757
5/9/2019 17:00	241.2929
5/9/2019 18:00	262.3398
5/9/2019 19:00	248.2751
5/9/2019 20:00	128.2328
5/9/2019 21:00	136.508
5/9/2019 22:00	160.9814
5/9/2019 23:00	162.813
5/10/2019 0:00	152.0526
5/10/2019 1:00	208.5756
5/10/2019 2:00	336.3081
5/10/2019 3:00	558.5349
5/10/2019 4:00	490.6388
5/10/2019 5:00	470.2841
5/10/2019 6:00	499.7246
5/10/2019 7:00	640.2812
5/10/2019 8:00	680.4186
5/10/2019 9:00	725.7244
5/10/2019 10:00	806.1511
5/10/2019 11:00	864.6167
5/10/2019 12:00	849.2108
5/10/2019 13:00	831.2461
5/10/2019 14:00	841.8696
5/10/2019 15:00	832.4605
5/10/2019 16:00	802.6954
5/10/2019 17:00	745.1587
5/10/2019 18:00	672.2213
5/10/2019 19:00	565.2365
5/10/2019 20:00	580.2486
5/10/2019 21:00	868.7188
5/10/2019 22:00	1030.828
5/10/2019 23:00	1040.8
5/11/2019 0:00	1040.8
5/11/2019 1:00	1040.8
5/11/2019 2:00	1040.111
5/11/2019 3:00	1029.98
5/11/2019 4:00	972.1925
5/11/2019 5:00	957.4582
5/11/2019 6:00	1017.687
5/11/2019 7:00	960.2148
5/11/2019 8:00	791.9339
5/11/2019 9:00	818.8915
5/11/2019 10:00	822.1134
5/11/2019 11:00	819.5205
5/11/2019 12:00	821.1353

Date/Time	Flex Reserve
5/11/2019 13:00	826.3245
5/11/2019 14:00	816.8134
5/11/2019 15:00	813.1771
5/11/2019 16:00	824.7305
5/11/2019 17:00	822.4036
5/11/2019 18:00	842.9238
5/11/2019 19:00	822.128
5/11/2019 20:00	1040.644
5/11/2019 21:00	1040.8
5/11/2019 22:00	1021.215
5/11/2019 23:00	891.9425
5/12/2019 0:00	669.1577
5/12/2019 1:00	569.257
5/12/2019 2:00	533.3804
5/12/2019 3:00	605.9456
5/12/2019 4:00	705.0784
5/12/2019 5:00	834.0985
5/12/2019 6:00	786.1991
5/12/2019 7:00	638.8985
5/12/2019 8:00	635.1881
5/12/2019 9:00	615.9062
5/12/2019 10:00	742.3302
5/12/2019 11:00	779.712
5/12/2019 12:00	765.2914
5/12/2019 13:00	774.2339
5/12/2019 14:00	764.8135
5/12/2019 15:00	774.9892
5/12/2019 16:00	764.0546
5/12/2019 17:00	760.3794
5/12/2019 18:00	690.5853
5/12/2019 19:00	458.5998
5/12/2019 20:00	375.0476
5/12/2019 21:00	886.2815
5/12/2019 22:00	1040.8
5/12/2019 23:00	1040.8
5/13/2019 0:00	1040.8
5/13/2019 1:00	1040.054
5/13/2019 2:00	992.3476
5/13/2019 3:00	918.6951
5/13/2019 4:00	926.4596
5/13/2019 5:00	973.3826
5/13/2019 6:00	784.9622
5/13/2019 7:00	702.4891
5/13/2019 8:00	693.0624
5/13/2019 9:00	686.7498
5/13/2019 10:00	698.865
5/13/2019 11:00	670.3524
5/13/2019 12:00	517.7078
5/13/2019 13:00	467.8166
5/13/2019 14:00	469.1143
5/13/2019 15:00	482.3548
5/13/2019 16:00	575.5993
5/13/2019 17:00	687.6922
5/13/2019 18:00	515.3297

Date/Time	Flex Reserve
5/13/2019 19:00	377.707
5/13/2019 20:00	255.5583
5/13/2019 21:00	524.4438
5/13/2019 22:00	290.3778
5/13/2019 23:00	240.695
5/14/2019 0:00	188.7487
5/14/2019 1:00	161.9402
5/14/2019 2:00	196.9232
5/14/2019 3:00	275.1751
5/14/2019 4:00	236.9975
5/14/2019 5:00	216.2488
5/14/2019 6:00	297.7355
5/14/2019 7:00	326.9861
5/14/2019 8:00	456.7427
5/14/2019 9:00	508.8319
5/14/2019 10:00	451.3763
5/14/2019 11:00	416.7354
5/14/2019 12:00	379.7762
5/14/2019 13:00	396.5875
5/14/2019 14:00	476.0542
5/14/2019 15:00	469.6503
5/14/2019 16:00	440.1056
5/14/2019 17:00	415.763
5/14/2019 18:00	705.8498
5/14/2019 19:00	686.6043
5/14/2019 20:00	596.7735
5/14/2019 21:00	858.3103
5/14/2019 22:00	914.402
5/14/2019 23:00	954.7207
5/15/2019 0:00	503.2654
5/15/2019 1:00	303.6166
5/15/2019 2:00	393.6942
5/15/2019 3:00	624.1208
5/15/2019 4:00	756.8486
5/15/2019 5:00	559.0852
5/15/2019 6:00	363.5544
5/15/2019 7:00	297.64
5/15/2019 8:00	415.1199
5/15/2019 9:00	356.2987
5/15/2019 10:00	203.7165
5/15/2019 11:00	212.1295
5/15/2019 12:00	147.6745
5/15/2019 13:00	124.9798
5/15/2019 14:00	131.5778
5/15/2019 15:00	139.2506
5/15/2019 16:00	136.8153
5/15/2019 17:00	227.8238
5/15/2019 18:00	311.368
5/15/2019 19:00	355.1881
5/15/2019 20:00	546.7583
5/15/2019 21:00	826.5753
5/15/2019 22:00	1040.8
5/15/2019 23:00	1040.8
5/16/2019 0:00	883.9305

Date/Time	Flex Reserve
5/16/2019 1:00	577.5419
5/16/2019 2:00	501.9637
5/16/2019 3:00	624.4915
5/16/2019 4:00	610.3614
5/16/2019 5:00	501.2163
5/16/2019 6:00	458.299
5/16/2019 7:00	418.6949
5/16/2019 8:00	360.5772
5/16/2019 9:00	259.8607
5/16/2019 10:00	192.6996
5/16/2019 11:00	269.6984
5/16/2019 12:00	356.7721
5/16/2019 13:00	471.0583
5/16/2019 14:00	644.3898
5/16/2019 15:00	918.6392
5/16/2019 16:00	1040.798
5/16/2019 17:00	1040.8
5/16/2019 18:00	986.5411
5/16/2019 19:00	857.3699
5/16/2019 20:00	1010.156
5/16/2019 21:00	1015.898
5/16/2019 22:00	1015.898
5/16/2019 23:00	1015.898
5/17/2019 0:00	1015.898
5/17/2019 1:00	1015.898
5/17/2019 2:00	1015.898
5/17/2019 3:00	1015.898
5/17/2019 4:00	1015.898
5/17/2019 5:00	1015.898
5/17/2019 6:00	991.9537
5/17/2019 7:00	1040.762
5/17/2019 8:00	1040.8
5/17/2019 9:00	1040.8
5/17/2019 10:00	1040.8
5/17/2019 11:00	1040.8
5/17/2019 12:00	1040.8
5/17/2019 13:00	1040.8
5/17/2019 14:00	1040.8
5/17/2019 15:00	1040.8
5/17/2019 16:00	1040.8
5/17/2019 17:00	1040.8
5/17/2019 18:00	1040.8
5/17/2019 19:00	1040.8
5/17/2019 20:00	1040.8
5/17/2019 21:00	1040.8
5/17/2019 22:00	1040.8
5/17/2019 23:00	1040.8
5/18/2019 0:00	903.3718
5/18/2019 1:00	774.1956
5/18/2019 2:00	681.8949
5/18/2019 3:00	656.0103
5/18/2019 4:00	719.7724
5/18/2019 5:00	753.3851
5/18/2019 6:00	568.6501

Date/Time	Flex Reserve
5/18/2019 7:00	526.3097
5/18/2019 8:00	685.3782
5/18/2019 9:00	903.4161
5/18/2019 10:00	888.5029
5/18/2019 11:00	803.7899
5/18/2019 12:00	979.1439
5/18/2019 13:00	1040.8
5/18/2019 14:00	1040.8
5/18/2019 15:00	1040.8
5/18/2019 16:00	1040.8
5/18/2019 17:00	1040.8
5/18/2019 18:00	1040.8
5/18/2019 19:00	1040.8
5/18/2019 20:00	1040.8
5/18/2019 21:00	1008.338
5/18/2019 22:00	1040.8
5/18/2019 23:00	1040.8
5/19/2019 0:00	1040.8
5/19/2019 1:00	1040.8
5/19/2019 2:00	1040.8
5/19/2019 3:00	1040.8
5/19/2019 4:00	1040.8
5/19/2019 5:00	1040.8
5/19/2019 6:00	1040.25
5/19/2019 7:00	1021.3
5/19/2019 8:00	1003.02
5/19/2019 9:00	826.1682
5/19/2019 10:00	657.9705
5/19/2019 11:00	514.9011
5/19/2019 12:00	462.8459
5/19/2019 13:00	615.6445
5/19/2019 14:00	905.4991
5/19/2019 15:00	1040.8
5/19/2019 16:00	1040.8
5/19/2019 17:00	1040.8
5/19/2019 18:00	1040.8
5/19/2019 19:00	1040.8
5/19/2019 20:00	1040.8
5/19/2019 21:00	1040.8
5/19/2019 22:00	1040.8
5/19/2019 23:00	1040.8
5/20/2019 0:00	1040.8
5/20/2019 1:00	1040.8
5/20/2019 2:00	1040.8
5/20/2019 3:00	1040.8
5/20/2019 4:00	1040.8
5/20/2019 5:00	1040.8
5/20/2019 6:00	1040.8
5/20/2019 7:00	1040.8
5/20/2019 8:00	1040.8
5/20/2019 9:00	1040.8
5/20/2019 10:00	1040.8
5/20/2019 11:00	1040.8
5/20/2019 12:00	1040.8

Date/Time	Flex Reserve
5/20/2019 13:00	1040.8
5/20/2019 14:00	1040.8
5/20/2019 15:00	1040.8
5/20/2019 16:00	1040.8
5/20/2019 17:00	1040.8
5/20/2019 18:00	1040.8
5/20/2019 19:00	1040.8
5/20/2019 20:00	1040.8
5/20/2019 21:00	1040.8
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5/20/2019 23:00	1040.8
5/21/2019 0:00	1037.102
5/21/2019 1:00	1028.222
5/21/2019 2:00	969.0056
5/21/2019 3:00	916.3019
5/21/2019 4:00	975.9948
5/21/2019 5:00	955.288
5/21/2019 6:00	865.4256
5/21/2019 7:00	972.3555
5/21/2019 8:00	994.9458
5/21/2019 9:00	945.9376
5/21/2019 10:00	1040.772
5/21/2019 11:00	1040.8
5/21/2019 12:00	1040.8
5/21/2019 13:00	1040.8
5/21/2019 14:00	1040.8
5/21/2019 15:00	1040.8
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5/21/2019 17:00	1040.8
5/21/2019 18:00	1040.8
5/21/2019 19:00	1040.8
5/21/2019 20:00	1040.8
5/21/2019 21:00	1040.8
5/21/2019 22:00	1040.8
5/21/2019 23:00	1040.8
5/22/2019 0:00	1040.8
5/22/2019 1:00	1040.8
5/22/2019 2:00	1040.8
5/22/2019 3:00	1040.8
5/22/2019 4:00	1040.8
5/22/2019 5:00	1040.8
5/22/2019 6:00	1040.8
5/22/2019 7:00	987.4417
5/22/2019 8:00	1000.075
5/22/2019 9:00	998.9911
5/22/2019 10:00	925.5884
5/22/2019 11:00	866.3832
5/22/2019 12:00	809.8529
5/22/2019 13:00	717.8171
5/22/2019 14:00	726.298
5/22/2019 15:00	717.427
5/22/2019 16:00	722.8214
5/22/2019 17:00	804.4039
5/22/2019 18:00	1007.639

Date/Time	Flex Reserve
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5/22/2019 20:00	1040.8
5/22/2019 21:00	1040.8
5/22/2019 22:00	1040.8
5/22/2019 23:00	1040.8
5/23/2019 0:00	1040.8
5/23/2019 1:00	1024.052
5/23/2019 2:00	795.5209
5/23/2019 3:00	939.0222
5/23/2019 4:00	836.5194
5/23/2019 5:00	915.7144
5/23/2019 6:00	566.8124
5/23/2019 7:00	298.6299
5/23/2019 8:00	190.729
5/23/2019 9:00	163.0295
5/23/2019 10:00	157.4026
5/23/2019 11:00	139.8732
5/23/2019 12:00	249.726
5/23/2019 13:00	538.0962
5/23/2019 14:00	597.7362
5/23/2019 15:00	757.6378
5/23/2019 16:00	852.9257
5/23/2019 17:00	963.3534
5/23/2019 18:00	552.9544
5/23/2019 19:00	436.9237
5/23/2019 20:00	429.5872
5/23/2019 21:00	515.5736
5/23/2019 22:00	580.5259
5/23/2019 23:00	789.6698
5/24/2019 0:00	1040.8
5/24/2019 1:00	1040.8
5/24/2019 2:00	1040.8
5/24/2019 3:00	1040.8
5/24/2019 4:00	1040.8
5/24/2019 5:00	991.1689
5/24/2019 6:00	759.9601
5/24/2019 7:00	853.2395
5/24/2019 8:00	965.9577
5/24/2019 9:00	742.0733
5/24/2019 10:00	967.7238
5/24/2019 11:00	1040.8
5/24/2019 12:00	1040.8
5/24/2019 13:00	1040.8
5/24/2019 14:00	1040.8
5/24/2019 15:00	1040.8
5/24/2019 16:00	1040.8
5/24/2019 17:00	1040.8
5/24/2019 18:00	1040.8
5/24/2019 19:00	823.1228
5/24/2019 20:00	765.4438
5/24/2019 21:00	894.7555
5/24/2019 22:00	840.7399
5/24/2019 23:00	811.7857
5/25/2019 0:00	855.0515

Date/Time	Flex Reserve
5/25/2019 1:00	905.5759
5/25/2019 2:00	790.4667
5/25/2019 3:00	833.8568
5/25/2019 4:00	791.5055
5/25/2019 5:00	649.5309
5/25/2019 6:00	563.7577
5/25/2019 7:00	642.835
5/25/2019 8:00	485.5993
5/25/2019 9:00	491.9846
5/25/2019 10:00	499.268
5/25/2019 11:00	373.6541
5/25/2019 12:00	402.9365
5/25/2019 13:00	464.1055
5/25/2019 14:00	656.1485
5/25/2019 15:00	757.4637
5/25/2019 16:00	727.4255
5/25/2019 17:00	827.8117
5/25/2019 18:00	1040.746
5/25/2019 19:00	1040.8
5/25/2019 20:00	1040.8
5/25/2019 21:00	1040.8
5/25/2019 22:00	1040.8
5/25/2019 23:00	1040.8
5/26/2019 0:00	1040.8
5/26/2019 1:00	1040.8
5/26/2019 2:00	1040.8
5/26/2019 3:00	1026.971
5/26/2019 4:00	981.2525
5/26/2019 5:00	775.6494
5/26/2019 6:00	566.0712
5/26/2019 7:00	458.4697
5/26/2019 8:00	413.3505
5/26/2019 9:00	330.1006
5/26/2019 10:00	256.9466
5/26/2019 11:00	370.7028
5/26/2019 12:00	565.0054
5/26/2019 13:00	703.9301
5/26/2019 14:00	1011.873
5/26/2019 15:00	1040.8
5/26/2019 16:00	1040.8
5/26/2019 17:00	1040.8
5/26/2019 18:00	1040.8
5/26/2019 19:00	1040.8
5/26/2019 20:00	1040.8
5/26/2019 21:00	1040.8
5/26/2019 22:00	1040.8
5/26/2019 23:00	1040.8
5/27/2019 0:00	1040.8
5/27/2019 1:00	802.567
5/27/2019 2:00	637.4948
5/27/2019 3:00	384.9244
5/27/2019 4:00	262.6841
5/27/2019 5:00	268.1648
5/27/2019 6:00	411.3564

Date/Time	Flex Reserve
5/27/2019 7:00	314.5711
5/27/2019 8:00	226.6825
5/27/2019 9:00	167.5969
5/27/2019 10:00	187.7332
5/27/2019 11:00	368.4649
5/27/2019 12:00	744.7254
5/27/2019 13:00	1015.069
5/27/2019 14:00	1040.8
5/27/2019 15:00	1040.8
5/27/2019 16:00	1040.8
5/27/2019 17:00	1040.8
5/27/2019 18:00	1040.8
5/27/2019 19:00	1039.563
5/27/2019 20:00	1039.948
5/27/2019 21:00	1039.948
5/27/2019 22:00	1039.948
5/27/2019 23:00	1039.948
5/28/2019 0:00	1039.948
5/28/2019 1:00	954.6541
5/28/2019 2:00	936.8076
5/28/2019 3:00	858.0386
5/28/2019 4:00	787.5535
5/28/2019 5:00	538.9804
5/28/2019 6:00	498.1794
5/28/2019 7:00	515.3605
5/28/2019 8:00	453.6353
5/28/2019 9:00	613.1907
5/28/2019 10:00	695.2515
5/28/2019 11:00	887.2461
5/28/2019 12:00	1004.619
5/28/2019 13:00	966.5432
5/28/2019 14:00	797.811
5/28/2019 15:00	963.1474
5/28/2019 16:00	1040.8
5/28/2019 17:00	1040.8
5/28/2019 18:00	1003.891
5/28/2019 19:00	1040.8
5/28/2019 20:00	1040.8
5/28/2019 21:00	1040.8
5/28/2019 22:00	1040.8
5/28/2019 23:00	1040.8
5/29/2019 0:00	1040.8
5/29/2019 1:00	1040.8
5/29/2019 2:00	1040.8
5/29/2019 3:00	1037.998
5/29/2019 4:00	1037.929
5/29/2019 5:00	1040.797
5/29/2019 6:00	1040.8
5/29/2019 7:00	1040.8
5/29/2019 8:00	1040.8
5/29/2019 9:00	1040.8
5/29/2019 10:00	1040.8
5/29/2019 11:00	1040.8
5/29/2019 12:00	1040.8

Date/Time	Flex Reserve
5/29/2019 13:00	1040.8
5/29/2019 14:00	1040.8
5/29/2019 15:00	979.0054
5/29/2019 16:00	962.4948
5/29/2019 17:00	967.8647
5/29/2019 18:00	901.9102
5/29/2019 19:00	818.9509
5/29/2019 20:00	660.0929
5/29/2019 21:00	397.698
5/29/2019 22:00	234.0651
5/29/2019 23:00	217.5704
5/30/2019 0:00	233.9447
5/30/2019 1:00	299.2932
5/30/2019 2:00	361.9114
5/30/2019 3:00	503.16
5/30/2019 4:00	662.7297
5/30/2019 5:00	685.1376
5/30/2019 6:00	809.385
5/30/2019 7:00	773.0573
5/30/2019 8:00	559.7524
5/30/2019 9:00	294.9564
5/30/2019 10:00	184.9954
5/30/2019 11:00	73.02231
5/30/2019 12:00	27.83241
5/30/2019 13:00	22.50933
5/30/2019 14:00	26.05775
5/30/2019 15:00	40.95287
5/30/2019 16:00	57.89245
5/30/2019 17:00	73.40966
5/30/2019 18:00	140.9825
5/30/2019 19:00	261.5516
5/30/2019 20:00	346.8301
5/30/2019 21:00	248.6741
5/30/2019 22:00	243.3421
5/30/2019 23:00	307.5249
5/31/2019 0:00	266.927
5/31/2019 1:00	252.2001
5/31/2019 2:00	256.7741
5/31/2019 3:00	353.3024
5/31/2019 4:00	583.5724
5/31/2019 5:00	477.0016
5/31/2019 6:00	340.9045
5/31/2019 7:00	351.2984
5/31/2019 8:00	409.9134
5/31/2019 9:00	428.8245
5/31/2019 10:00	558.6293
5/31/2019 11:00	407.8124
5/31/2019 12:00	273.4787
5/31/2019 13:00	154.2339
5/31/2019 14:00	114.7859
5/31/2019 15:00	82.16598
5/31/2019 16:00	104.6935
5/31/2019 17:00	149.5654
5/31/2019 18:00	279.6332

Date/Time	Flex Reserve
5/31/2019 19:00	372.009
5/31/2019 20:00	613.1853
5/31/2019 21:00	1032.591
5/31/2019 22:00	995.1675
5/31/2019 23:00	712.0774
6/1/2019 0:00	707.8232
6/1/2019 1:00	759.7954
6/1/2019 2:00	658.1259
6/1/2019 3:00	511.1134
6/1/2019 4:00	513.4587
6/1/2019 5:00	605.7428
6/1/2019 6:00	645.6426
6/1/2019 7:00	563.9299
6/1/2019 8:00	385.2461
6/1/2019 9:00	225.5684
6/1/2019 10:00	128.4826
6/1/2019 11:00	45.52432
6/1/2019 12:00	82.23323
6/1/2019 13:00	234.8756
6/1/2019 14:00	393.5181
6/1/2019 15:00	528.0908
6/1/2019 16:00	685.9781
6/1/2019 17:00	980.7939
6/1/2019 18:00	1040.8
6/1/2019 19:00	1040.8
6/1/2019 20:00	1040.8
6/1/2019 21:00	1003.534
6/1/2019 22:00	956.3372
6/1/2019 23:00	1032.695
6/2/2019 0:00	1036.102
6/2/2019 1:00	981.7426
6/2/2019 2:00	855.3096
6/2/2019 3:00	888.2688
6/2/2019 4:00	792.139
6/2/2019 5:00	773.5343
6/2/2019 6:00	681.0524
6/2/2019 7:00	661.5097
6/2/2019 8:00	592.6722
6/2/2019 9:00	619.3717
6/2/2019 10:00	758.2836
6/2/2019 11:00	914.3312
6/2/2019 12:00	1040.771
6/2/2019 13:00	1040.8
6/2/2019 14:00	1040.8
6/2/2019 15:00	1040.8
6/2/2019 16:00	1040.8
6/2/2019 17:00	1040.8
6/2/2019 18:00	1040.8
6/2/2019 19:00	954.1398
6/2/2019 20:00	1007.693
6/2/2019 21:00	1040.8
6/2/2019 22:00	1040.8
6/2/2019 23:00	1040.8
6/3/2019 0:00	955.7104

Date/Time	Flex Reserve
6/3/2019 1:00	800.2773
6/3/2019 2:00	667.0712
6/3/2019 3:00	689.0986
6/3/2019 4:00	708.0508
6/3/2019 5:00	608.7574
6/3/2019 6:00	520.7839
6/3/2019 7:00	318.1354
6/3/2019 8:00	298.1313
6/3/2019 9:00	179.4428
6/3/2019 10:00	63.56078
6/3/2019 11:00	56.93837
6/3/2019 12:00	70.74469
6/3/2019 13:00	113.6563
6/3/2019 14:00	206.3353
6/3/2019 15:00	296.4139
6/3/2019 16:00	472.5716
6/3/2019 17:00	823.4095
6/3/2019 18:00	1000.972
6/3/2019 19:00	1018.142
6/3/2019 20:00	1026.386
6/3/2019 21:00	937.6505
6/3/2019 22:00	821.4133
6/3/2019 23:00	725.0745
6/4/2019 0:00	371.5184
6/4/2019 1:00	229.4689
6/4/2019 2:00	415.8217
6/4/2019 3:00	664.3817
6/4/2019 4:00	785.6282
6/4/2019 5:00	775.2308
6/4/2019 6:00	886.1074
6/4/2019 7:00	826.3521
6/4/2019 8:00	789.8646
6/4/2019 9:00	753.9413
6/4/2019 10:00	748.697
6/4/2019 11:00	597.6099
6/4/2019 12:00	496.7481
6/4/2019 13:00	454.8386
6/4/2019 14:00	420.8122
6/4/2019 15:00	368.4757
6/4/2019 16:00	538.1521
6/4/2019 17:00	495.5932
6/4/2019 18:00	919.763
6/4/2019 19:00	783.4066
6/4/2019 20:00	619.4826
6/4/2019 21:00	683.7762
6/4/2019 22:00	412.7608
6/4/2019 23:00	321.6302
6/5/2019 0:00	167.6554
6/5/2019 1:00	251.5319
6/5/2019 2:00	196.6633
6/5/2019 3:00	236.6358
6/5/2019 4:00	267.4609
6/5/2019 5:00	312.8237
6/5/2019 6:00	261.553

Date/Time	Flex Reserve
6/5/2019 7:00	221.0569
6/5/2019 8:00	155.3113
6/5/2019 9:00	98.17638
6/5/2019 10:00	88.03186
6/5/2019 11:00	74.17795
6/5/2019 12:00	69.66261
6/5/2019 13:00	60.57475
6/5/2019 14:00	70.51952
6/5/2019 15:00	140.798
6/5/2019 16:00	275.2168
6/5/2019 17:00	342.3044
6/5/2019 18:00	451.6081
6/5/2019 19:00	335.9652
6/5/2019 20:00	264.9029
6/5/2019 21:00	416.2456
6/5/2019 22:00	353.087
6/5/2019 23:00	392.9634
6/6/2019 0:00	640.2799
6/6/2019 1:00	682.0998
6/6/2019 2:00	539.5806
6/6/2019 3:00	414.6676
6/6/2019 4:00	388.4752
6/6/2019 5:00	303.988
6/6/2019 6:00	275.3064
6/6/2019 7:00	213.43
6/6/2019 8:00	140.492
6/6/2019 9:00	55.86482
6/6/2019 10:00	30.49368
6/6/2019 11:00	29.59848
6/6/2019 12:00	37.97611
6/6/2019 13:00	63.74836
6/6/2019 14:00	86.33919
6/6/2019 15:00	108.1352
6/6/2019 16:00	118.0012
6/6/2019 17:00	131.6148
6/6/2019 18:00	176.4402
6/6/2019 19:00	302.9595
6/6/2019 20:00	563.7315
6/6/2019 21:00	902.0521
6/6/2019 22:00	1040.8
6/6/2019 23:00	1040.8
6/7/2019 0:00	1040.8
6/7/2019 1:00	1040.8
6/7/2019 2:00	1040.8
6/7/2019 3:00	1040.8
6/7/2019 4:00	1040.8
6/7/2019 5:00	1040.8
6/7/2019 6:00	1040.8
6/7/2019 7:00	1040.8
6/7/2019 8:00	1040.8
6/7/2019 9:00	1040.8
6/7/2019 10:00	996.2142
6/7/2019 11:00	932.5315
6/7/2019 12:00	1004.556

Date/Time	Flex Reserve
6/7/2019 13:00	1040.8
6/7/2019 14:00	1040.8
6/7/2019 15:00	1040.8
6/7/2019 16:00	1040.8
6/7/2019 17:00	1040.8
6/7/2019 18:00	1040.8
6/7/2019 19:00	1040.8
6/7/2019 20:00	1033.959
6/7/2019 21:00	1040.8
6/7/2019 22:00	1040.8
6/7/2019 23:00	1040.8
6/8/2019 0:00	1019.804
6/8/2019 1:00	1040.8
6/8/2019 2:00	1040.8
6/8/2019 3:00	1012.034
6/8/2019 4:00	954.8617
6/8/2019 5:00	955.1816
6/8/2019 6:00	998.0941
6/8/2019 7:00	757.6791
6/8/2019 8:00	701.6489
6/8/2019 9:00	725.9238
6/8/2019 10:00	706.2483
6/8/2019 11:00	851.4195
6/8/2019 12:00	921.9665
6/8/2019 13:00	1011.13
6/8/2019 14:00	1040.8
6/8/2019 15:00	1040.8
6/8/2019 16:00	1040.8
6/8/2019 17:00	1040.8
6/8/2019 18:00	1040.8
6/8/2019 19:00	1040.8
6/8/2019 20:00	1040.8
6/8/2019 21:00	1040.8
6/8/2019 22:00	1040.8
6/8/2019 23:00	1040.8
6/9/2019 0:00	1040.8
6/9/2019 1:00	1040.8
6/9/2019 2:00	1040.8
6/9/2019 3:00	1040.8
6/9/2019 4:00	1028.283
6/9/2019 5:00	1040.268
6/9/2019 6:00	1037.389
6/9/2019 7:00	1033.56
6/9/2019 8:00	1040.8
6/9/2019 9:00	1040.8
6/9/2019 10:00	1040.8
6/9/2019 11:00	1040.8
6/9/2019 12:00	1040.286
6/9/2019 13:00	976.4661
6/9/2019 14:00	948.594
6/9/2019 15:00	824.4351
6/9/2019 16:00	774.3792
6/9/2019 17:00	686.0963
6/9/2019 18:00	522.4854

Date/Time	Flex Reserve
6/9/2019 19:00	387.711
6/9/2019 20:00	240.9285
6/9/2019 21:00	159.5382
6/9/2019 22:00	130.425
6/9/2019 23:00	149.01
6/10/2019 0:00	174.9883
6/10/2019 1:00	258.957
6/10/2019 2:00	408.6302
6/10/2019 3:00	613.0441
6/10/2019 4:00	680.669
6/10/2019 5:00	710.8237
6/10/2019 6:00	846.3817
6/10/2019 7:00	955.9476
6/10/2019 8:00	1030.358
6/10/2019 9:00	1040.8
6/10/2019 10:00	1040.8
6/10/2019 11:00	1040.8
6/10/2019 12:00	1040.8
6/10/2019 13:00	1040.8
6/10/2019 14:00	1040.8
6/10/2019 15:00	1040.8
6/10/2019 16:00	1040.8
6/10/2019 17:00	1040.8
6/10/2019 18:00	1040.8
6/10/2019 19:00	1040.8
6/10/2019 20:00	1040.8
6/10/2019 21:00	1040.8
6/10/2019 22:00	1040.8
6/10/2019 23:00	1040.8
6/11/2019 0:00	1038.562
6/11/2019 1:00	946.0607
6/11/2019 2:00	824.3984
6/11/2019 3:00	710.2334
6/11/2019 4:00	610.7805
6/11/2019 5:00	676.7314
6/11/2019 6:00	869.9513
6/11/2019 7:00	1030.597
6/11/2019 8:00	989.2306
6/11/2019 9:00	793.6005
6/11/2019 10:00	979.5163
6/11/2019 11:00	1040.8
6/11/2019 12:00	1040.8
6/11/2019 13:00	1040.8
6/11/2019 14:00	1038.959
6/11/2019 15:00	990.7664
6/11/2019 16:00	1027.834
6/11/2019 17:00	1040.8
6/11/2019 18:00	1040.8
6/11/2019 19:00	1040.8
6/11/2019 20:00	1040.8
6/11/2019 21:00	1040.8
6/11/2019 22:00	1040.8
6/11/2019 23:00	1040.8
6/12/2019 0:00	1028.901

Date/Time	Flex Reserve
6/12/2019 1:00	863.9462
6/12/2019 2:00	1001.58
6/12/2019 3:00	1040.796
6/12/2019 4:00	1040.8
6/12/2019 5:00	1040.8
6/12/2019 6:00	1040.8
6/12/2019 7:00	1018.528
6/12/2019 8:00	737.0512
6/12/2019 9:00	767.4272
6/12/2019 10:00	868.8288
6/12/2019 11:00	806.0773
6/12/2019 12:00	696.999
6/12/2019 13:00	579.7299
6/12/2019 14:00	387.5674
6/12/2019 15:00	227.4236
6/12/2019 16:00	145.9437
6/12/2019 17:00	86.0921
6/12/2019 18:00	67.90789
6/12/2019 19:00	102.7752
6/12/2019 20:00	172.4991
6/12/2019 21:00	330.4024
6/12/2019 22:00	612.2896
6/12/2019 23:00	1014.18
6/13/2019 0:00	1040.8
6/13/2019 1:00	1040.8
6/13/2019 2:00	1040.8
6/13/2019 3:00	1040.8
6/13/2019 4:00	985.3579
6/13/2019 5:00	1008.471
6/13/2019 6:00	1036.84
6/13/2019 7:00	1040.8
6/13/2019 8:00	1030.885
6/13/2019 9:00	728.8455
6/13/2019 10:00	453.4012
6/13/2019 11:00	349.9155
6/13/2019 12:00	214.5216
6/13/2019 13:00	161.4438
6/13/2019 14:00	121.0813
6/13/2019 15:00	88.22698
6/13/2019 16:00	151.2711
6/13/2019 17:00	328.82
6/13/2019 18:00	654.3716
6/13/2019 19:00	777.5064
6/13/2019 20:00	1040.763
6/13/2019 21:00	910.7096
6/13/2019 22:00	441.2859
6/13/2019 23:00	374.948
6/14/2019 0:00	559.4638
6/14/2019 1:00	495.345
6/14/2019 2:00	564.0518
6/14/2019 3:00	587.0071
6/14/2019 4:00	571.8342
6/14/2019 5:00	685.2986
6/14/2019 6:00	768.4166

Date/Time	Flex Reserve
6/14/2019 7:00	824.2056
6/14/2019 8:00	661.153
6/14/2019 9:00	376.1587
6/14/2019 10:00	355.7644
6/14/2019 11:00	562.4587
6/14/2019 12:00	499.719
6/14/2019 13:00	568.0768
6/14/2019 14:00	639.0166
6/14/2019 15:00	664.9554
6/14/2019 16:00	655.7439
6/14/2019 17:00	425.284
6/14/2019 18:00	554.2636
6/14/2019 19:00	1028.613
6/14/2019 20:00	995.9611
6/14/2019 21:00	1004.821
6/14/2019 22:00	1040.8
6/14/2019 23:00	1040.8
6/15/2019 0:00	1040.8
6/15/2019 1:00	939.7054
6/15/2019 2:00	852.552
6/15/2019 3:00	932.2162
6/15/2019 4:00	976.4844
6/15/2019 5:00	1028.335
6/15/2019 6:00	918.9584
6/15/2019 7:00	850.8722
6/15/2019 8:00	799.9444
6/15/2019 9:00	907.2643
6/15/2019 10:00	841.8866
6/15/2019 11:00	747.507
6/15/2019 12:00	616.8576
6/15/2019 13:00	523.7929
6/15/2019 14:00	456.4044
6/15/2019 15:00	289.4122
6/15/2019 16:00	214.6605
6/15/2019 17:00	359.3588
6/15/2019 18:00	494.3723
6/15/2019 19:00	611.8752
6/15/2019 20:00	472.1794
6/15/2019 21:00	372.903
6/15/2019 22:00	268.468
6/15/2019 23:00	126.4076
6/16/2019 0:00	150.0056
6/16/2019 1:00	233.4272
6/16/2019 2:00	280.7067
6/16/2019 3:00	445.1486
6/16/2019 4:00	523.5764
6/16/2019 5:00	501.0061
6/16/2019 6:00	282.5117
6/16/2019 7:00	286.6047
6/16/2019 8:00	350.1643
6/16/2019 9:00	302.9541
6/16/2019 10:00	501.1896
6/16/2019 11:00	841.7614
6/16/2019 12:00	958.8231

Date/Time	Flex Reserve
6/16/2019 13:00	1032.487
6/16/2019 14:00	1040.8
6/16/2019 15:00	1040.8
6/16/2019 16:00	1040.8
6/16/2019 17:00	1040.8
6/16/2019 18:00	1040.8
6/16/2019 19:00	1029.326
6/16/2019 20:00	782.5534
6/16/2019 21:00	873.1094
6/16/2019 22:00	934.8904
6/16/2019 23:00	867.0649
6/17/2019 0:00	790.8116
6/17/2019 1:00	586.7236
6/17/2019 2:00	572.8151
6/17/2019 3:00	924.375
6/17/2019 4:00	708.3861
6/17/2019 5:00	628.5761
6/17/2019 6:00	605.1315
6/17/2019 7:00	345.178
6/17/2019 8:00	213.6884
6/17/2019 9:00	205.1338
6/17/2019 10:00	280.2127
6/17/2019 11:00	299.5776
6/17/2019 12:00	190.7446
6/17/2019 13:00	189.3961
6/17/2019 14:00	245.5055
6/17/2019 15:00	271.8371
6/17/2019 16:00	369.5728
6/17/2019 17:00	635.8046
6/17/2019 18:00	1000.408
6/17/2019 19:00	1024.721
6/17/2019 20:00	796.0899
6/17/2019 21:00	522.8345
6/17/2019 22:00	659.8501
6/17/2019 23:00	394.1966
6/18/2019 0:00	205.7904
6/18/2019 1:00	216.475
6/18/2019 2:00	268.3059
6/18/2019 3:00	254.7214
6/18/2019 4:00	134.8457
6/18/2019 5:00	113.3332
6/18/2019 6:00	117.9384
6/18/2019 7:00	166.7498
6/18/2019 8:00	163.7527
6/18/2019 9:00	142.8924
6/18/2019 10:00	83.41208
6/18/2019 11:00	65.7961
6/18/2019 12:00	73.2348
6/18/2019 13:00	84.23586
6/18/2019 14:00	80.68198
6/18/2019 15:00	80.49606
6/18/2019 16:00	67.56795
6/18/2019 17:00	109.3091
6/18/2019 18:00	194.5052

Date/Time	Flex Reserve
6/18/2019 19:00	264.6657
6/18/2019 20:00	289.2136
6/18/2019 21:00	133.0587
6/18/2019 22:00	191.0476
6/18/2019 23:00	459.232
6/19/2019 0:00	519.6145
6/19/2019 1:00	443.8114
6/19/2019 2:00	431.207
6/19/2019 3:00	499.6154
6/19/2019 4:00	645.1616
6/19/2019 5:00	886.8034
6/19/2019 6:00	1031.577
6/19/2019 7:00	1040.8
6/19/2019 8:00	993.6756
6/19/2019 9:00	633.1927
6/19/2019 10:00	526.7084
6/19/2019 11:00	630.7783
6/19/2019 12:00	709.9676
6/19/2019 13:00	599.9643
6/19/2019 14:00	377.4655
6/19/2019 15:00	152.2278
6/19/2019 16:00	70.95741
6/19/2019 17:00	109.9834
6/19/2019 18:00	174.6224
6/19/2019 19:00	297.3855
6/19/2019 20:00	529.5134
6/19/2019 21:00	889.7823
6/19/2019 22:00	1040.8
6/19/2019 23:00	1040.8
6/20/2019 0:00	1040.8
6/20/2019 1:00	1040.8
6/20/2019 2:00	1040.8
6/20/2019 3:00	1040.8
6/20/2019 4:00	1040.8
6/20/2019 5:00	1040.8
6/20/2019 6:00	1040.8
6/20/2019 7:00	1040.8
6/20/2019 8:00	833.1815
6/20/2019 9:00	498.7985
6/20/2019 10:00	363.9555
6/20/2019 11:00	205.452
6/20/2019 12:00	239.6765
6/20/2019 13:00	622.4441
6/20/2019 14:00	1023.849
6/20/2019 15:00	1040.8
6/20/2019 16:00	1040.8
6/20/2019 17:00	1040.8
6/20/2019 18:00	1040.8
6/20/2019 19:00	1040.8
6/20/2019 20:00	1034.876
6/20/2019 21:00	1031.888
6/20/2019 22:00	1040.8
6/20/2019 23:00	912.5895
6/21/2019 0:00	667.2105

Date/Time	Flex Reserve
6/21/2019 1:00	939.0176
6/21/2019 2:00	1040.8
6/21/2019 3:00	1040.8
6/21/2019 4:00	1040.8
6/21/2019 5:00	1040.8
6/21/2019 6:00	1040.8
6/21/2019 7:00	1040.8
6/21/2019 8:00	1040.8
6/21/2019 9:00	1040.8
6/21/2019 10:00	1040.8
6/21/2019 11:00	1040.8
6/21/2019 12:00	1040.8
6/21/2019 13:00	1040.8
6/21/2019 14:00	1040.8
6/21/2019 15:00	1040.8
6/21/2019 16:00	1040.8
6/21/2019 17:00	1040.8
6/21/2019 18:00	1040.8
6/21/2019 19:00	1040.8
6/21/2019 20:00	1040.8
6/21/2019 21:00	1040.8
6/21/2019 22:00	1040.8
6/21/2019 23:00	1040.8
6/22/2019 0:00	1038.799
6/22/2019 1:00	1007.427
6/22/2019 2:00	976.5856
6/22/2019 3:00	771.9583
6/22/2019 4:00	699.4835
6/22/2019 5:00	643.7201
6/22/2019 6:00	664.7833
6/22/2019 7:00	740.6375
6/22/2019 8:00	1005.91
6/22/2019 9:00	879.582
6/22/2019 10:00	501.911
6/22/2019 11:00	302.9553
6/22/2019 12:00	166.1709
6/22/2019 13:00	144.7739
6/22/2019 14:00	167.0104
6/22/2019 15:00	112.199
6/22/2019 16:00	96.06795
6/22/2019 17:00	236.0494
6/22/2019 18:00	631.2419
6/22/2019 19:00	771.5229
6/22/2019 20:00	652.8919
6/22/2019 21:00	1006.627
6/22/2019 22:00	1010.705
6/22/2019 23:00	1006.352
6/23/2019 0:00	699.4778
6/23/2019 1:00	313.7635
6/23/2019 2:00	167.2749
6/23/2019 3:00	364.4412
6/23/2019 4:00	401.7678
6/23/2019 5:00	414.8093
6/23/2019 6:00	498.6783

Date/Time	Flex Reserve
6/23/2019 7:00	679.3283
6/23/2019 8:00	740.2574
6/23/2019 9:00	745.6079
6/23/2019 10:00	1015.178
6/23/2019 11:00	930.2822
6/23/2019 12:00	764.2226
6/23/2019 13:00	621.6651
6/23/2019 14:00	666.7166
6/23/2019 15:00	1040.724
6/23/2019 16:00	1040.8
6/23/2019 17:00	1040.8
6/23/2019 18:00	1040.8
6/23/2019 19:00	1040.8
6/23/2019 20:00	881.9647
6/23/2019 21:00	569.6579
6/23/2019 22:00	355.0921
6/23/2019 23:00	357.5279
6/24/2019 0:00	478.8451
6/24/2019 1:00	499.5033
6/24/2019 2:00	531.8911
6/24/2019 3:00	809.1003
6/24/2019 4:00	973.0314
6/24/2019 5:00	1038.427
6/24/2019 6:00	1040.8
6/24/2019 7:00	1040.8
6/24/2019 8:00	1022.731
6/24/2019 9:00	655.3885
6/24/2019 10:00	603.9954
6/24/2019 11:00	520.2027
6/24/2019 12:00	449.6602
6/24/2019 13:00	596.319
6/24/2019 14:00	743.5091
6/24/2019 15:00	880.4429
6/24/2019 16:00	952.6905
6/24/2019 17:00	772.0263
6/24/2019 18:00	625.2672
6/24/2019 19:00	385.2441
6/24/2019 20:00	383.6353
6/24/2019 21:00	514.9938
6/24/2019 22:00	775.7801
6/24/2019 23:00	1040.737
6/25/2019 0:00	1040.8
6/25/2019 1:00	1014.255
6/25/2019 2:00	884.6866
6/25/2019 3:00	571.7001
6/25/2019 4:00	430.6893
6/25/2019 5:00	477.4745
6/25/2019 6:00	418.648
6/25/2019 7:00	238.4719
6/25/2019 8:00	145.5788
6/25/2019 9:00	69.67646
6/25/2019 10:00	56.81754
6/25/2019 11:00	77.47805
6/25/2019 12:00	139.138

Date/Time	Flex Reserve
6/25/2019 13:00	274.4297
6/25/2019 14:00	468.3819
6/25/2019 15:00	548.7249
6/25/2019 16:00	486.0459
6/25/2019 17:00	761.7473
6/25/2019 18:00	876.5127
6/25/2019 19:00	529.3068
6/25/2019 20:00	472.7164
6/25/2019 21:00	799.5302
6/25/2019 22:00	1000.15
6/25/2019 23:00	1040.8
6/26/2019 0:00	1040.8
6/26/2019 1:00	1040.8
6/26/2019 2:00	1027.385
6/26/2019 3:00	966.7729
6/26/2019 4:00	932.2603
6/26/2019 5:00	964.3479
6/26/2019 6:00	904.6798
6/26/2019 7:00	581.1813
6/26/2019 8:00	470.0712
6/26/2019 9:00	210.5436
6/26/2019 10:00	99.55372
6/26/2019 11:00	123.1827
6/26/2019 12:00	184.5101
6/26/2019 13:00	344.5449
6/26/2019 14:00	633.8128
6/26/2019 15:00	1004.16
6/26/2019 16:00	1040.8
6/26/2019 17:00	1040.8
6/26/2019 18:00	975.3378
6/26/2019 19:00	808.8732
6/26/2019 20:00	873.3694
6/26/2019 21:00	930.5374
6/26/2019 22:00	975.3447
6/26/2019 23:00	1040.393
6/27/2019 0:00	1040.8
6/27/2019 1:00	1000.27
6/27/2019 2:00	835.1255
6/27/2019 3:00	759.1975
6/27/2019 4:00	745.2021
6/27/2019 5:00	760.1857
6/27/2019 6:00	872.5982
6/27/2019 7:00	749.9902
6/27/2019 8:00	607.0073
6/27/2019 9:00	321.926
6/27/2019 10:00	166.9492
6/27/2019 11:00	248.4403
6/27/2019 12:00	325.1253
6/27/2019 13:00	300.6915
6/27/2019 14:00	265.2665
6/27/2019 15:00	248.9871
6/27/2019 16:00	227.3652
6/27/2019 17:00	412.0988
6/27/2019 18:00	767.2873

Date/Time	Flex Reserve
6/27/2019 19:00	997.0356
6/27/2019 20:00	1029.733
6/27/2019 21:00	1040.8
6/27/2019 22:00	1040.8
6/27/2019 23:00	1040.8
6/28/2019 0:00	1040.8
6/28/2019 1:00	1040.8
6/28/2019 2:00	1040.8
6/28/2019 3:00	1005.039
6/28/2019 4:00	860.4361
6/28/2019 5:00	811.5333
6/28/2019 6:00	560.078
6/28/2019 7:00	713.1178
6/28/2019 8:00	762.2174
6/28/2019 9:00	658.4179
6/28/2019 10:00	498.6471
6/28/2019 11:00	400.3703
6/28/2019 12:00	300.5928
6/28/2019 13:00	240.8599
6/28/2019 14:00	195.1683
6/28/2019 15:00	191.1379
6/28/2019 16:00	181.7667
6/28/2019 17:00	254.3523
6/28/2019 18:00	366.0603
6/28/2019 19:00	604.5086
6/28/2019 20:00	869.3831
6/28/2019 21:00	1040.769
6/28/2019 22:00	1040.8
6/28/2019 23:00	1040.8
6/29/2019 0:00	1040.8
6/29/2019 1:00	1040.8
6/29/2019 2:00	1040.8
6/29/2019 3:00	1040.8
6/29/2019 4:00	836.9535
6/29/2019 5:00	594.503
6/29/2019 6:00	414.3789
6/29/2019 7:00	235.0001
6/29/2019 8:00	145.0451
6/29/2019 9:00	154.1525
6/29/2019 10:00	326.712
6/29/2019 11:00	476.1353
6/29/2019 12:00	760.8423
6/29/2019 13:00	1017.733
6/29/2019 14:00	973.288
6/29/2019 15:00	804.6254
6/29/2019 16:00	587.3831
6/29/2019 17:00	584.3771
6/29/2019 18:00	775.1583
6/29/2019 19:00	847.231
6/29/2019 20:00	920.4859
6/29/2019 21:00	1039.533
6/29/2019 22:00	879.0508
6/29/2019 23:00	787.081
6/30/2019 0:00	782.6359

Date/Time	Flex Reserve
6/30/2019 1:00	677.703
6/30/2019 2:00	797.4673
6/30/2019 3:00	546.5337
6/30/2019 4:00	434.705
6/30/2019 5:00	449.5713
6/30/2019 6:00	288.8707
6/30/2019 7:00	173.5388
6/30/2019 8:00	130.6554
6/30/2019 9:00	83.71325
6/30/2019 10:00	91.96633
6/30/2019 11:00	126.4189
6/30/2019 12:00	165.6303
6/30/2019 13:00	230.0311
6/30/2019 14:00	440.8431
6/30/2019 15:00	572.1387
6/30/2019 16:00	711.1278
6/30/2019 17:00	961.9829
6/30/2019 18:00	1040.8
6/30/2019 19:00	1040.8
6/30/2019 20:00	1040.8
6/30/2019 21:00	1040.8
6/30/2019 22:00	1040.8
6/30/2019 23:00	1040.8
7/1/2019 0:00	883.8693
7/1/2019 1:00	726.1048
7/1/2019 2:00	686.9109
7/1/2019 3:00	663.5643
7/1/2019 4:00	875.0839
7/1/2019 5:00	694.7712
7/1/2019 6:00	564.1114
7/1/2019 7:00	376.7804
7/1/2019 8:00	600.5652
7/1/2019 9:00	618.8088
7/1/2019 10:00	600.3599
7/1/2019 11:00	586.9105
7/1/2019 12:00	561.032
7/1/2019 13:00	521.3929
7/1/2019 14:00	446.7294
7/1/2019 15:00	356.5715
7/1/2019 16:00	385.6027
7/1/2019 17:00	295.4913
7/1/2019 18:00	249.5021
7/1/2019 19:00	277.5236
7/1/2019 20:00	349.6505
7/1/2019 21:00	393.4677
7/1/2019 22:00	514.1416
7/1/2019 23:00	770.5188
7/2/2019 0:00	1007.375
7/2/2019 1:00	817.0052
7/2/2019 2:00	622.735
7/2/2019 3:00	787.5225
7/2/2019 4:00	747.5419
7/2/2019 5:00	593.6553
7/2/2019 6:00	420.7407

Date/Time	Flex Reserve
7/2/2019 7:00	498.6093
7/2/2019 8:00	444.9107
7/2/2019 9:00	301.5439
7/2/2019 10:00	156.9143
7/2/2019 11:00	59.7243
7/2/2019 12:00	26.89636
7/2/2019 13:00	33.69916
7/2/2019 14:00	93.59494
7/2/2019 15:00	235.8185
7/2/2019 16:00	336.4629
7/2/2019 17:00	408.9874
7/2/2019 18:00	569.053
7/2/2019 19:00	455.5828
7/2/2019 20:00	501.4243
7/2/2019 21:00	844.3498
7/2/2019 22:00	1014.756
7/2/2019 23:00	904.9568
7/3/2019 0:00	772.8904
7/3/2019 1:00	613.3178
7/3/2019 2:00	471.0774
7/3/2019 3:00	470.3883
7/3/2019 4:00	354.8592
7/3/2019 5:00	267.76
7/3/2019 6:00	186.3854
7/3/2019 7:00	83.25433
7/3/2019 8:00	150.8487
7/3/2019 9:00	322.5396
7/3/2019 10:00	400.9923
7/3/2019 11:00	632.6191
7/3/2019 12:00	595.0708
7/3/2019 13:00	577.7556
7/3/2019 14:00	571.1632
7/3/2019 15:00	605.6437
7/3/2019 16:00	687.6728
7/3/2019 17:00	752.9937
7/3/2019 18:00	965.3229
7/3/2019 19:00	1040.8
7/3/2019 20:00	1040.8
7/3/2019 21:00	1040.8
7/3/2019 22:00	1040.8
7/3/2019 23:00	1040.8
7/4/2019 0:00	1040.8
7/4/2019 1:00	1040.8
7/4/2019 2:00	1040.8
7/4/2019 3:00	1040.8
7/4/2019 4:00	1013.824
7/4/2019 5:00	989.4602
7/4/2019 6:00	963.1843
7/4/2019 7:00	928.1055
7/4/2019 8:00	782.5175
7/4/2019 9:00	763.3237
7/4/2019 10:00	764.2568
7/4/2019 11:00	672.8112
7/4/2019 12:00	480.8243

Date/Time	Flex Reserve
7/4/2019 13:00	415.4652
7/4/2019 14:00	330.3679
7/4/2019 15:00	435.4667
7/4/2019 16:00	627.7369
7/4/2019 17:00	543.3943
7/4/2019 18:00	434.3641
7/4/2019 19:00	804.3397
7/4/2019 20:00	1018.443
7/4/2019 21:00	953.0173
7/4/2019 22:00	1040.715
7/4/2019 23:00	1040.8
7/5/2019 0:00	1040.8
7/5/2019 1:00	1040.8
7/5/2019 2:00	1001.237
7/5/2019 3:00	882.4923
7/5/2019 4:00	790.9911
7/5/2019 5:00	816.3607
7/5/2019 6:00	835.279
7/5/2019 7:00	920.4664
7/5/2019 8:00	941.1073
7/5/2019 9:00	920.6421
7/5/2019 10:00	804.3588
7/5/2019 11:00	568.449
7/5/2019 12:00	444.2516
7/5/2019 13:00	378.4647
7/5/2019 14:00	382.5085
7/5/2019 15:00	429.1669
7/5/2019 16:00	467.8989
7/5/2019 17:00	391.4266
7/5/2019 18:00	229.4703
7/5/2019 19:00	364.703
7/5/2019 20:00	587.749
7/5/2019 21:00	857.87
7/5/2019 22:00	1027.897
7/5/2019 23:00	955.2589
7/6/2019 0:00	994.2311
7/6/2019 1:00	876.985
7/6/2019 2:00	497.3617
7/6/2019 3:00	326.9626
7/6/2019 4:00	445.7199
7/6/2019 5:00	504.2286
7/6/2019 6:00	539.5627
7/6/2019 7:00	720.388
7/6/2019 8:00	724.8098
7/6/2019 9:00	610.9659
7/6/2019 10:00	546.0536
7/6/2019 11:00	517.7466
7/6/2019 12:00	413.5636
7/6/2019 13:00	377.8471
7/6/2019 14:00	409.6796
7/6/2019 15:00	600.3535
7/6/2019 16:00	732.9627
7/6/2019 17:00	737.9061
7/6/2019 18:00	951.9607

Date/Time	Flex Reserve
7/6/2019 19:00	1040.8
7/6/2019 20:00	1040.8
7/6/2019 21:00	1040.8
7/6/2019 22:00	1040.8
7/6/2019 23:00	1040.8
7/7/2019 0:00	1040.8
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7/7/2019 2:00	1040.8
7/7/2019 3:00	1040.8
7/7/2019 4:00	1032.449
7/7/2019 5:00	1007.295
7/7/2019 6:00	985.1313
7/7/2019 7:00	985.8314
7/7/2019 8:00	1014.085
7/7/2019 9:00	849.069
7/7/2019 10:00	837.8261
7/7/2019 11:00	937.9995
7/7/2019 12:00	1027.313
7/7/2019 13:00	1040.8
7/7/2019 14:00	1040.8
7/7/2019 15:00	1040.8
7/7/2019 16:00	1040.8
7/7/2019 17:00	1040.8
7/7/2019 18:00	1040.8
7/7/2019 19:00	1040.8
7/7/2019 20:00	1040.8
7/7/2019 21:00	1040.8
7/7/2019 22:00	1040.8
7/7/2019 23:00	1040.8
7/8/2019 0:00	1040.8
7/8/2019 1:00	1040.8
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7/8/2019 3:00	1040.8
7/8/2019 4:00	1040.8
7/8/2019 5:00	1040.8
7/8/2019 6:00	1040.8
7/8/2019 7:00	941.5104
7/8/2019 8:00	623.5181
7/8/2019 9:00	436.1559
7/8/2019 10:00	246.2143
7/8/2019 11:00	88.67898
7/8/2019 12:00	78.10367
7/8/2019 13:00	145.2766
7/8/2019 14:00	273.5969
7/8/2019 15:00	574.2123
7/8/2019 16:00	746.8303
7/8/2019 17:00	1040.725
7/8/2019 18:00	844.148
7/8/2019 19:00	742.9729
7/8/2019 20:00	613.0639
7/8/2019 21:00	673.646
7/8/2019 22:00	327.0581
7/8/2019 23:00	145.7474
7/9/2019 0:00	120.3528

Date/Time	Flex Reserve
7/9/2019 1:00	184.4995
7/9/2019 2:00	286.4855
7/9/2019 3:00	360.749
7/9/2019 4:00	383.7655
7/9/2019 5:00	455.764
7/9/2019 6:00	671.4115
7/9/2019 7:00	735.753
7/9/2019 8:00	592.9179
7/9/2019 9:00	441.5265
7/9/2019 10:00	462.837
7/9/2019 11:00	351.9121
7/9/2019 12:00	232.0301
7/9/2019 13:00	122.5359
7/9/2019 14:00	127.8744
7/9/2019 15:00	157.6653
7/9/2019 16:00	212.7417
7/9/2019 17:00	300.5147
7/9/2019 18:00	478.2068
7/9/2019 19:00	522.8992
7/9/2019 20:00	876.2077
7/9/2019 21:00	1040.8
7/9/2019 22:00	1040.8
7/9/2019 23:00	1040.8
7/10/2019 0:00	1040.8
7/10/2019 1:00	1040.8
7/10/2019 2:00	1040.8
7/10/2019 3:00	1040.8
7/10/2019 4:00	1040.8
7/10/2019 5:00	1040.8
7/10/2019 6:00	1040.8
7/10/2019 7:00	1040.8
7/10/2019 8:00	948.7065
7/10/2019 9:00	627.424
7/10/2019 10:00	368.3623
7/10/2019 11:00	200.5526
7/10/2019 12:00	130.4561
7/10/2019 13:00	96.69102
7/10/2019 14:00	127.5752
7/10/2019 15:00	163.7734
7/10/2019 16:00	235.5418
7/10/2019 17:00	278.1049
7/10/2019 18:00	310.3118
7/10/2019 19:00	370.9102
7/10/2019 20:00	442.8196
7/10/2019 21:00	752.6229
7/10/2019 22:00	1031.941
7/10/2019 23:00	1040.8
7/11/2019 0:00	1040.8
7/11/2019 1:00	1040.8
7/11/2019 2:00	1040.8
7/11/2019 3:00	1040.8
7/11/2019 4:00	1040.8
7/11/2019 5:00	1040.8
7/11/2019 6:00	1040.8

Date/Time	Flex Reserve
7/11/2019 7:00	1040.8
7/11/2019 8:00	1040.8
7/11/2019 9:00	1040.8
7/11/2019 10:00	1028.557
7/11/2019 11:00	862.0088
7/11/2019 12:00	505.1044
7/11/2019 13:00	200.3364
7/11/2019 14:00	143.6172
7/11/2019 15:00	126.6684
7/11/2019 16:00	113.8001
7/11/2019 17:00	126.3707
7/11/2019 18:00	314.5954
7/11/2019 19:00	552.3178
7/11/2019 20:00	891.9313
7/11/2019 21:00	1040.8
7/11/2019 22:00	1025.282
7/11/2019 23:00	953.2561
7/12/2019 0:00	1040.8
7/12/2019 1:00	1040.8
7/12/2019 2:00	1040.8
7/12/2019 3:00	1040.8
7/12/2019 4:00	1040.8
7/12/2019 5:00	1040.8
7/12/2019 6:00	882.6547
7/12/2019 7:00	582.9898
7/12/2019 8:00	510.9082
7/12/2019 9:00	489.0949
7/12/2019 10:00	344.3473
7/12/2019 11:00	302.0483
7/12/2019 12:00	309.8392
7/12/2019 13:00	323.0264
7/12/2019 14:00	422.4363
7/12/2019 15:00	352.7958
7/12/2019 16:00	519.3394
7/12/2019 17:00	650.3285
7/12/2019 18:00	618.3101
7/12/2019 19:00	822.0411
7/12/2019 20:00	983.9481
7/12/2019 21:00	650.0326
7/12/2019 22:00	460.853
7/12/2019 23:00	441.1901
7/13/2019 0:00	815.4973
7/13/2019 1:00	1040.8
7/13/2019 2:00	1040.8
7/13/2019 3:00	1040.8
7/13/2019 4:00	1040.8
7/13/2019 5:00	969.1676
7/13/2019 6:00	668.657
7/13/2019 7:00	511.4153
7/13/2019 8:00	429.2452
7/13/2019 9:00	301.5628
7/13/2019 10:00	504.6697
7/13/2019 11:00	896.0694
7/13/2019 12:00	842.23

Date/Time	Flex Reserve
7/13/2019 13:00	693.149
7/13/2019 14:00	591.7587
7/13/2019 15:00	606.3916
7/13/2019 16:00	774.0609
7/13/2019 17:00	993.1417
7/13/2019 18:00	1040.8
7/13/2019 19:00	1040.8
7/13/2019 20:00	1040.8
7/13/2019 21:00	1040.8
7/13/2019 22:00	1040.8
7/13/2019 23:00	1040.8
7/14/2019 0:00	1030.751
7/14/2019 1:00	1040.79
7/14/2019 2:00	1040.8
7/14/2019 3:00	1040.8
7/14/2019 4:00	1040.8
7/14/2019 5:00	1040.8
7/14/2019 6:00	1040.8
7/14/2019 7:00	1040.8
7/14/2019 8:00	904.0733
7/14/2019 9:00	676.0004
7/14/2019 10:00	714.6528
7/14/2019 11:00	978.8549
7/14/2019 12:00	971.2963
7/14/2019 13:00	706.9017
7/14/2019 14:00	434.6997
7/14/2019 15:00	326.9522
7/14/2019 16:00	530.933
7/14/2019 17:00	837.4362
7/14/2019 18:00	1040.8
7/14/2019 19:00	994.6035
7/14/2019 20:00	982.7605
7/14/2019 21:00	1040.8
7/14/2019 22:00	1040.8
7/14/2019 23:00	1040.8
7/15/2019 0:00	1040.8
7/15/2019 1:00	1040.8
7/15/2019 2:00	1040.8
7/15/2019 3:00	1040.8
7/15/2019 4:00	1036.504
7/15/2019 5:00	755.5734
7/15/2019 6:00	459.2266
7/15/2019 7:00	347.9876
7/15/2019 8:00	187.7204
7/15/2019 9:00	89.72763
7/15/2019 10:00	49.80919
7/15/2019 11:00	179.2487
7/15/2019 12:00	273.036
7/15/2019 13:00	333.7264
7/15/2019 14:00	403.7246
7/15/2019 15:00	433.6128
7/15/2019 16:00	420.0797
7/15/2019 17:00	311.3549
7/15/2019 18:00	494.5778

Date/Time	Flex Reserve
7/15/2019 19:00	957.6274
7/15/2019 20:00	1006.771
7/15/2019 21:00	739.6412
7/15/2019 22:00	697.173
7/15/2019 23:00	579.9758
7/16/2019 0:00	722.9437
7/16/2019 1:00	763.4544
7/16/2019 2:00	908.4838
7/16/2019 3:00	1029.396
7/16/2019 4:00	1027.558
7/16/2019 5:00	893.8214
7/16/2019 6:00	951.6881
7/16/2019 7:00	1040.8
7/16/2019 8:00	830.6494
7/16/2019 9:00	471.1933
7/16/2019 10:00	298.5202
7/16/2019 11:00	318.2053
7/16/2019 12:00	321.677
7/16/2019 13:00	367.0095
7/16/2019 14:00	378.7042
7/16/2019 15:00	434.8311
7/16/2019 16:00	627.3529
7/16/2019 17:00	797.5504
7/16/2019 18:00	544.0891
7/16/2019 19:00	603.6343
7/16/2019 20:00	988.6663
7/16/2019 21:00	1040.8
7/16/2019 22:00	1040.8
7/16/2019 23:00	1040.8
7/17/2019 0:00	1040.8
7/17/2019 1:00	1040.8
7/17/2019 2:00	1040.8
7/17/2019 3:00	1040.8
7/17/2019 4:00	1040.8
7/17/2019 5:00	1040.8
7/17/2019 6:00	1040.8
7/17/2019 7:00	1040.8
7/17/2019 8:00	1040.8
7/17/2019 9:00	1040.8
7/17/2019 10:00	1040.8
7/17/2019 11:00	1040.8
7/17/2019 12:00	858.6831
7/17/2019 13:00	661.3707
7/17/2019 14:00	414.6751
7/17/2019 15:00	395.6009
7/17/2019 16:00	519.7997
7/17/2019 17:00	937.2119
7/17/2019 18:00	991.1058
7/17/2019 19:00	1011.405
7/17/2019 20:00	931.7819
7/17/2019 21:00	911.1837
7/17/2019 22:00	666.5618
7/17/2019 23:00	581.3825
7/18/2019 0:00	926.0101

Date/Time	Flex Reserve
7/18/2019 1:00	1040.8
7/18/2019 2:00	1040.8
7/18/2019 3:00	1040.8
7/18/2019 4:00	1040.8
7/18/2019 5:00	1037.946
7/18/2019 6:00	1040.799
7/18/2019 7:00	1040.8
7/18/2019 8:00	1012.709
7/18/2019 9:00	658.752
7/18/2019 10:00	428.6444
7/18/2019 11:00	327.6704
7/18/2019 12:00	281.8734
7/18/2019 13:00	253.9278
7/18/2019 14:00	248.7662
7/18/2019 15:00	270.152
7/18/2019 16:00	290.1725
7/18/2019 17:00	260.7049
7/18/2019 18:00	333.879
7/18/2019 19:00	353.988
7/18/2019 20:00	502.3003
7/18/2019 21:00	694.3671
7/18/2019 22:00	1024.538
7/18/2019 23:00	969.5575
7/19/2019 0:00	1011.828
7/19/2019 1:00	777.4794
7/19/2019 2:00	531.4233
7/19/2019 3:00	404.1822
7/19/2019 4:00	607.5755
7/19/2019 5:00	892.3352
7/19/2019 6:00	1031.724
7/19/2019 7:00	1040.8
7/19/2019 8:00	729.7044
7/19/2019 9:00	748.6783
7/19/2019 10:00	593.6376
7/19/2019 11:00	547.3769
7/19/2019 12:00	538.9703
7/19/2019 13:00	388.9384
7/19/2019 14:00	230.7145
7/19/2019 15:00	131.5149
7/19/2019 16:00	165.9911
7/19/2019 17:00	302.0383
7/19/2019 18:00	388.9056
7/19/2019 19:00	599.893
7/19/2019 20:00	705.135
7/19/2019 21:00	861.3975
7/19/2019 22:00	1038.943
7/19/2019 23:00	1038.943
7/20/2019 0:00	1038.943
7/20/2019 1:00	1038.943
7/20/2019 2:00	913.698
7/20/2019 3:00	719.3905
7/20/2019 4:00	869.4546
7/20/2019 5:00	1040.8
7/20/2019 6:00	1040.8

Date/Time	Flex Reserve
7/20/2019 7:00	1040.8
7/20/2019 8:00	1040.8
7/20/2019 9:00	1040.8
7/20/2019 10:00	1040.8
7/20/2019 11:00	1040.8
7/20/2019 12:00	1040.8
7/20/2019 13:00	1040.8
7/20/2019 14:00	1040.8
7/20/2019 15:00	1040.8
7/20/2019 16:00	1040.8
7/20/2019 17:00	1040.8
7/20/2019 18:00	1040.8
7/20/2019 19:00	1040.8
7/20/2019 20:00	998.0333
7/20/2019 21:00	774.2164
7/20/2019 22:00	568.2624
7/20/2019 23:00	925.6427
7/21/2019 0:00	841.0613
7/21/2019 1:00	642.1237
7/21/2019 2:00	519.2571
7/21/2019 3:00	460.2951
7/21/2019 4:00	183.9514
7/21/2019 5:00	54.75759
7/21/2019 6:00	56.61397
7/21/2019 7:00	132.7907
7/21/2019 8:00	112.0177
7/21/2019 9:00	157.1461
7/21/2019 10:00	112.815
7/21/2019 11:00	93.30088
7/21/2019 12:00	127.1156
7/21/2019 13:00	227.2822
7/21/2019 14:00	439.3423
7/21/2019 15:00	464.2237
7/21/2019 16:00	521.6883
7/21/2019 17:00	634.6967
7/21/2019 18:00	703.3608
7/21/2019 19:00	917.432
7/21/2019 20:00	974.9914
7/21/2019 21:00	1040.8
7/21/2019 22:00	867.9387
7/21/2019 23:00	705.4067
7/22/2019 0:00	606.0687
7/22/2019 1:00	512.6576
7/22/2019 2:00	392.0643
7/22/2019 3:00	337.1331
7/22/2019 4:00	314.4447
7/22/2019 5:00	348.1187
7/22/2019 6:00	354.1677
7/22/2019 7:00	448.8884
7/22/2019 8:00	433.7138
7/22/2019 9:00	568.6593
7/22/2019 10:00	710.2665
7/22/2019 11:00	744.7044
7/22/2019 12:00	736.568

Date/Time	Flex Reserve
7/22/2019 13:00	655.7745
7/22/2019 14:00	702.3557
7/22/2019 15:00	765.192
7/22/2019 16:00	789.192
7/22/2019 17:00	712.5377
7/22/2019 18:00	917.5806
7/22/2019 19:00	1034.903
7/22/2019 20:00	1040.8
7/22/2019 21:00	1040.8
7/22/2019 22:00	1040.8
7/22/2019 23:00	1040.8
7/23/2019 0:00	1040.8
7/23/2019 1:00	1040.8
7/23/2019 2:00	1040.8
7/23/2019 3:00	1040.8
7/23/2019 4:00	1040.8
7/23/2019 5:00	1040.8
7/23/2019 6:00	1040.8
7/23/2019 7:00	1040.8
7/23/2019 8:00	1040.8
7/23/2019 9:00	1040.8
7/23/2019 10:00	1040.8
7/23/2019 11:00	1040.8
7/23/2019 12:00	1040.8
7/23/2019 13:00	1040.8
7/23/2019 14:00	1040.8
7/23/2019 15:00	1040.8
7/23/2019 16:00	950.1721
7/23/2019 17:00	867.0794
7/23/2019 18:00	1008.304
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7/23/2019 20:00	1040.8
7/23/2019 21:00	1040.8
7/23/2019 22:00	1040.8
7/23/2019 23:00	1040.8
7/24/2019 0:00	1040.8
7/24/2019 1:00	1040.8
7/24/2019 2:00	1040.8
7/24/2019 3:00	1040.8
7/24/2019 4:00	1040.8
7/24/2019 5:00	1040.8
7/24/2019 6:00	1040.8
7/24/2019 7:00	1007.107
7/24/2019 8:00	630.8953
7/24/2019 9:00	304.9164
7/24/2019 10:00	195.7431
7/24/2019 11:00	412.1488
7/24/2019 12:00	759.3212
7/24/2019 13:00	795.4995
7/24/2019 14:00	628.75
7/24/2019 15:00	431.8235
7/24/2019 16:00	405.3663
7/24/2019 17:00	561.0073
7/24/2019 18:00	886.7876

Date/Time	Flex Reserve
7/24/2019 19:00	1038.764
7/24/2019 20:00	1040.8
7/24/2019 21:00	1040.8
7/24/2019 22:00	1040.8
7/24/2019 23:00	1040.8
7/25/2019 0:00	1040.8
7/25/2019 1:00	1040.8
7/25/2019 2:00	1040.8
7/25/2019 3:00	1040.8
7/25/2019 4:00	906.3882
7/25/2019 5:00	637.3066
7/25/2019 6:00	609.3214
7/25/2019 7:00	504.5234
7/25/2019 8:00	543.1643
7/25/2019 9:00	456.4737
7/25/2019 10:00	593.4099
7/25/2019 11:00	573.0074
7/25/2019 12:00	354.6793
7/25/2019 13:00	247.1092
7/25/2019 14:00	200.2316
7/25/2019 15:00	183.3693
7/25/2019 16:00	341.052
7/25/2019 17:00	619.4017
7/25/2019 18:00	431.5188
7/25/2019 19:00	588.8727
7/25/2019 20:00	706.3037
7/25/2019 21:00	703.7899
7/25/2019 22:00	680.6051
7/25/2019 23:00	1013.893
7/26/2019 0:00	937.1718
7/26/2019 1:00	684.9562
7/26/2019 2:00	779.1281
7/26/2019 3:00	891.9109
7/26/2019 4:00	746.6871
7/26/2019 5:00	564.9488
7/26/2019 6:00	363.4603
7/26/2019 7:00	217.2595
7/26/2019 8:00	129.4806
7/26/2019 9:00	74.83548
7/26/2019 10:00	127.9774
7/26/2019 11:00	185.4278
7/26/2019 12:00	161.5387
7/26/2019 13:00	142.334
7/26/2019 14:00	160.3663
7/26/2019 15:00	195.7423
7/26/2019 16:00	227.0547
7/26/2019 17:00	456.4788
7/26/2019 18:00	676.0246
7/26/2019 19:00	922.1082
7/26/2019 20:00	1040.8
7/26/2019 21:00	1040.8
7/26/2019 22:00	976.6955
7/26/2019 23:00	909.7207
7/27/2019 0:00	898.9179

Date/Time	Flex Reserve
7/27/2019 1:00	542.109
7/27/2019 2:00	356.3307
7/27/2019 3:00	419.7486
7/27/2019 4:00	395.7836
7/27/2019 5:00	440.6203
7/27/2019 6:00	433.1545
7/27/2019 7:00	347.5293
7/27/2019 8:00	223.881
7/27/2019 9:00	228.987
7/27/2019 10:00	189.3945
7/27/2019 11:00	113.996
7/27/2019 12:00	89.78986
7/27/2019 13:00	119.3159
7/27/2019 14:00	138.8516
7/27/2019 15:00	203.6439
7/27/2019 16:00	291.212
7/27/2019 17:00	463.3793
7/27/2019 18:00	795.2745
7/27/2019 19:00	823.6367
7/27/2019 20:00	879.7055
7/27/2019 21:00	726.6448
7/27/2019 22:00	351.8281
7/27/2019 23:00	161.4621
7/28/2019 0:00	111.7328
7/28/2019 1:00	156.938
7/28/2019 2:00	230.4449
7/28/2019 3:00	279.1716
7/28/2019 4:00	275.9521
7/28/2019 5:00	539.7331
7/28/2019 6:00	857.2583
7/28/2019 7:00	919.1517
7/28/2019 8:00	1009.306
7/28/2019 9:00	1009.57
7/28/2019 10:00	1040.8
7/28/2019 11:00	1040.8
7/28/2019 12:00	1040.8
7/28/2019 13:00	1040.8
7/28/2019 14:00	1040.8
7/28/2019 15:00	1040.8
7/28/2019 16:00	1040.8
7/28/2019 17:00	1040.8
7/28/2019 18:00	965.346
7/28/2019 19:00	824.1823
7/28/2019 20:00	696.8285
7/28/2019 21:00	817.3741
7/28/2019 22:00	1010.841
7/28/2019 23:00	1032.344
7/29/2019 0:00	989.8608
7/29/2019 1:00	910.9674
7/29/2019 2:00	844.4182
7/29/2019 3:00	673.077
7/29/2019 4:00	600.2381
7/29/2019 5:00	602.0169
7/29/2019 6:00	566.3531

Date/Time	Flex Reserve
7/29/2019 7:00	708.6505
7/29/2019 8:00	833.219
7/29/2019 9:00	1006.262
7/29/2019 10:00	1040.8
7/29/2019 11:00	1040.8
7/29/2019 12:00	1040.8
7/29/2019 13:00	1040.8
7/29/2019 14:00	1040.8
7/29/2019 15:00	1040.8
7/29/2019 16:00	1040.8
7/29/2019 17:00	1040.8
7/29/2019 18:00	1040.8
7/29/2019 19:00	1040.8
7/29/2019 20:00	1040.8
7/29/2019 21:00	1040.8
7/29/2019 22:00	1040.8
7/29/2019 23:00	1040.8
7/30/2019 0:00	1040.8
7/30/2019 1:00	1040.8
7/30/2019 2:00	1040.8
7/30/2019 3:00	1040.8
7/30/2019 4:00	1040.8
7/30/2019 5:00	1040.8
7/30/2019 6:00	1040.8
7/30/2019 7:00	1040.8
7/30/2019 8:00	1040.8
7/30/2019 9:00	814.6431
7/30/2019 10:00	668.1395
7/30/2019 11:00	473.9814
7/30/2019 12:00	285.6018
7/30/2019 13:00	233.0948
7/30/2019 14:00	258.9241
7/30/2019 15:00	304.0061
7/30/2019 16:00	604.4474
7/30/2019 17:00	863.2293
7/30/2019 18:00	1040.8
7/30/2019 19:00	1040.8
7/30/2019 20:00	1001.601
7/30/2019 21:00	1032.824
7/30/2019 22:00	1040.8
7/30/2019 23:00	1040.8
7/31/2019 0:00	1033.147
7/31/2019 1:00	1029.409
7/31/2019 2:00	1039.304
7/31/2019 3:00	938.0765
7/31/2019 4:00	869.6191
7/31/2019 5:00	794.1061
7/31/2019 6:00	952.2974
7/31/2019 7:00	1014.147
7/31/2019 8:00	812.0052
7/31/2019 9:00	607.8718
7/31/2019 10:00	556.5144
7/31/2019 11:00	483.8695
7/31/2019 12:00	396.943

Date/Time	Flex Reserve
7/31/2019 13:00	260.9862
7/31/2019 14:00	223.4999
7/31/2019 15:00	275.9278
7/31/2019 16:00	375.971
7/31/2019 17:00	434.6915
7/31/2019 18:00	738.1862
7/31/2019 19:00	886.3355
7/31/2019 20:00	1040.8
7/31/2019 21:00	1031.03
7/31/2019 22:00	947.848
7/31/2019 23:00	851.2922
8/1/2019 0:00	779.4951
8/1/2019 1:00	976.8472
8/1/2019 2:00	1021.839
8/1/2019 3:00	676.5334
8/1/2019 4:00	423.397
8/1/2019 5:00	252.9503
8/1/2019 6:00	400.4163
8/1/2019 7:00	459.3389
8/1/2019 8:00	411.7032
8/1/2019 9:00	335.5469
8/1/2019 10:00	316.5906
8/1/2019 11:00	237.1509
8/1/2019 12:00	122.766
8/1/2019 13:00	99.773
8/1/2019 14:00	138.6618
8/1/2019 15:00	252.7059
8/1/2019 16:00	602.8192
8/1/2019 17:00	777.5825
8/1/2019 18:00	947.7902
8/1/2019 19:00	795.851
8/1/2019 20:00	1040.69
8/1/2019 21:00	599.4863
8/1/2019 22:00	566.2327
8/1/2019 23:00	849.2561
8/2/2019 0:00	737.9208
8/2/2019 1:00	350.8149
8/2/2019 2:00	235.9922
8/2/2019 3:00	296.7096
8/2/2019 4:00	465.3778
8/2/2019 5:00	578.8754
8/2/2019 6:00	630.5842
8/2/2019 7:00	617.1328
8/2/2019 8:00	388.4549
8/2/2019 9:00	227.8279
8/2/2019 10:00	212.3627
8/2/2019 11:00	183.8197
8/2/2019 12:00	146.9113
8/2/2019 13:00	128.8422
8/2/2019 14:00	176.5502
8/2/2019 15:00	338.3199
8/2/2019 16:00	509.29
8/2/2019 17:00	601.5163
8/2/2019 18:00	653.0938

Date/Time	Flex Reserve
8/2/2019 19:00	490.74
8/2/2019 20:00	416.3976
8/2/2019 21:00	406.3072
8/2/2019 22:00	447.1781
8/2/2019 23:00	410.928
8/3/2019 0:00	335.6483
8/3/2019 1:00	226.5679
8/3/2019 2:00	172.2234
8/3/2019 3:00	168.0927
8/3/2019 4:00	113.7358
8/3/2019 5:00	95.3675
8/3/2019 6:00	82.08966
8/3/2019 7:00	85.56329
8/3/2019 8:00	89.7938
8/3/2019 9:00	71.40568
8/3/2019 10:00	83.54445
8/3/2019 11:00	94.45947
8/3/2019 12:00	137.1918
8/3/2019 13:00	125.9217
8/3/2019 14:00	119.1356
8/3/2019 15:00	143.2483
8/3/2019 16:00	167.6875
8/3/2019 17:00	143.7003
8/3/2019 18:00	243.6383
8/3/2019 19:00	524.2365
8/3/2019 20:00	842.2433
8/3/2019 21:00	1019.578
8/3/2019 22:00	1040.8
8/3/2019 23:00	1040.8
8/4/2019 0:00	1040.8
8/4/2019 1:00	1040.8
8/4/2019 2:00	1010.815
8/4/2019 3:00	715.0013
8/4/2019 4:00	562.9197
8/4/2019 5:00	391.5185
8/4/2019 6:00	238.3709
8/4/2019 7:00	196.7159
8/4/2019 8:00	160.6564
8/4/2019 9:00	181.1756
8/4/2019 10:00	252.3821
8/4/2019 11:00	490.7963
8/4/2019 12:00	874.4006
8/4/2019 13:00	1040.795
8/4/2019 14:00	999.3782
8/4/2019 15:00	891.7004
8/4/2019 16:00	792.6307
8/4/2019 17:00	909.555
8/4/2019 18:00	1030.347
8/4/2019 19:00	1040.8
8/4/2019 20:00	1040.8
8/4/2019 21:00	1040.8
8/4/2019 22:00	1040.8
8/4/2019 23:00	1040.8
8/5/2019 0:00	1040.8

Date/Time	Flex Reserve
8/5/2019 1:00	1031.732
8/5/2019 2:00	747.8834
8/5/2019 3:00	612.4373
8/5/2019 4:00	620.0337
8/5/2019 5:00	675.0252
8/5/2019 6:00	656.603
8/5/2019 7:00	693.8875
8/5/2019 8:00	652.279
8/5/2019 9:00	566.4466
8/5/2019 10:00	581.2124
8/5/2019 11:00	369.5694
8/5/2019 12:00	459.063
8/5/2019 13:00	658.0076
8/5/2019 14:00	666.5877
8/5/2019 15:00	564.5278
8/5/2019 16:00	509.1247
8/5/2019 17:00	431.0878
8/5/2019 18:00	426.458
8/5/2019 19:00	576.4345
8/5/2019 20:00	373.8169
8/5/2019 21:00	307.6323
8/5/2019 22:00	274.0128
8/5/2019 23:00	465.0567
8/6/2019 0:00	422.1135
8/6/2019 1:00	814.664
8/6/2019 2:00	409.2649
8/6/2019 3:00	296.4223
8/6/2019 4:00	244.2895
8/6/2019 5:00	250.5866
8/6/2019 6:00	296.2415
8/6/2019 7:00	315.7409
8/6/2019 8:00	260.8622
8/6/2019 9:00	155.5326
8/6/2019 10:00	190.8578
8/6/2019 11:00	253.6099
8/6/2019 12:00	276.1278
8/6/2019 13:00	285.2352
8/6/2019 14:00	228.5538
8/6/2019 15:00	218.6289
8/6/2019 16:00	311.3007
8/6/2019 17:00	258.542
8/6/2019 18:00	471.212
8/6/2019 19:00	901.5875
8/6/2019 20:00	1040.8
8/6/2019 21:00	1040.8
8/6/2019 22:00	1040.8
8/6/2019 23:00	1040.8
8/7/2019 0:00	1040.8
8/7/2019 1:00	1040.8
8/7/2019 2:00	1040.8
8/7/2019 3:00	1040.8
8/7/2019 4:00	1040.8
8/7/2019 5:00	1040.8
8/7/2019 6:00	968.5732

Date/Time	Flex Reserve
8/7/2019 7:00	671.7566
8/7/2019 8:00	659.9911
8/7/2019 9:00	475.3045
8/7/2019 10:00	297.2553
8/7/2019 11:00	212.1939
8/7/2019 12:00	190.5107
8/7/2019 13:00	207.0495
8/7/2019 14:00	298.3023
8/7/2019 15:00	333.9397
8/7/2019 16:00	374.2743
8/7/2019 17:00	376.5483
8/7/2019 18:00	368.3903
8/7/2019 19:00	385.7288
8/7/2019 20:00	674.3277
8/7/2019 21:00	1028.275
8/7/2019 22:00	1040.8
8/7/2019 23:00	1040.8
8/8/2019 0:00	1040.8
8/8/2019 1:00	741.4617
8/8/2019 2:00	536.0815
8/8/2019 3:00	243.0517
8/8/2019 4:00	228.6237
8/8/2019 5:00	225.5066
8/8/2019 6:00	242.7206
8/8/2019 7:00	189.5194
8/8/2019 8:00	99.5338
8/8/2019 9:00	53.23402
8/8/2019 10:00	33.49709
8/8/2019 11:00	32.45944
8/8/2019 12:00	75.78817
8/8/2019 13:00	259.3529
8/8/2019 14:00	549.0919
8/8/2019 15:00	694.8424
8/8/2019 16:00	869.3267
8/8/2019 17:00	755.6441
8/8/2019 18:00	689.1698
8/8/2019 19:00	903.7759
8/8/2019 20:00	753.0889
8/8/2019 21:00	776.7639
8/8/2019 22:00	731.9416
8/8/2019 23:00	830.7395
8/9/2019 0:00	972.3797
8/9/2019 1:00	1040.8
8/9/2019 2:00	922.9597
8/9/2019 3:00	835.0043
8/9/2019 4:00	697.3413
8/9/2019 5:00	795.578
8/9/2019 6:00	817.2437
8/9/2019 7:00	797.1063
8/9/2019 8:00	693.4029
8/9/2019 9:00	355.7904
8/9/2019 10:00	199.8131
8/9/2019 11:00	130.5505
8/9/2019 12:00	139.8123

Date/Time	Flex Reserve
8/9/2019 13:00	227.0968
8/9/2019 14:00	310.5957
8/9/2019 15:00	442.4131
8/9/2019 16:00	517.815
8/9/2019 17:00	852.8734
8/9/2019 18:00	1039.282
8/9/2019 19:00	1013.46
8/9/2019 20:00	1031.738
8/9/2019 21:00	917.9024
8/9/2019 22:00	646.0058
8/9/2019 23:00	564.7637
8/10/2019 0:00	611.4048
8/10/2019 1:00	468.9741
8/10/2019 2:00	258.8913
8/10/2019 3:00	360.6032
8/10/2019 4:00	554.1074
8/10/2019 5:00	387.9569
8/10/2019 6:00	316.5325
8/10/2019 7:00	203.2897
8/10/2019 8:00	154.0336
8/10/2019 9:00	117.3392
8/10/2019 10:00	136.2818
8/10/2019 11:00	192.7269
8/10/2019 12:00	205.4963
8/10/2019 13:00	116.3218
8/10/2019 14:00	99.90187
8/10/2019 15:00	158.4234
8/10/2019 16:00	271.4047
8/10/2019 17:00	334.9226
8/10/2019 18:00	393.003
8/10/2019 19:00	444.481
8/10/2019 20:00	476.3586
8/10/2019 21:00	576.8898
8/10/2019 22:00	555.7657
8/10/2019 23:00	404.1693
8/11/2019 0:00	494.8194
8/11/2019 1:00	516.0513
8/11/2019 2:00	293.5032
8/11/2019 3:00	195.0502
8/11/2019 4:00	231.1226
8/11/2019 5:00	287.2109
8/11/2019 6:00	281.864
8/11/2019 7:00	232.9457
8/11/2019 8:00	239.663
8/11/2019 9:00	257.0515
8/11/2019 10:00	333.9082
8/11/2019 11:00	535.2701
8/11/2019 12:00	530.4932
8/11/2019 13:00	560.786
8/11/2019 14:00	738.4016
8/11/2019 15:00	811.1194
8/11/2019 16:00	872.3833
8/11/2019 17:00	1040.754
8/11/2019 18:00	1040.8

Date/Time	Flex Reserve
8/11/2019 19:00	921.8136
8/11/2019 20:00	455.8803
8/11/2019 21:00	639.2486
8/11/2019 22:00	422.2322
8/11/2019 23:00	251.775
8/12/2019 0:00	284.6609
8/12/2019 1:00	287.7659
8/12/2019 2:00	421.588
8/12/2019 3:00	579.7193
8/12/2019 4:00	662.4302
8/12/2019 5:00	756.0468
8/12/2019 6:00	958.1712
8/12/2019 7:00	1040.8
8/12/2019 8:00	1040.8
8/12/2019 9:00	1040.8
8/12/2019 10:00	1040.8
8/12/2019 11:00	1040.8
8/12/2019 12:00	1040.8
8/12/2019 13:00	1035.922
8/12/2019 14:00	772.3457
8/12/2019 15:00	470.0362
8/12/2019 16:00	334.0173
8/12/2019 17:00	280.6041
8/12/2019 18:00	304.4719
8/12/2019 19:00	533.9008
8/12/2019 20:00	793.8909
8/12/2019 21:00	1040.779
8/12/2019 22:00	1040.8
8/12/2019 23:00	1040.8
8/13/2019 0:00	1040.8
8/13/2019 1:00	1040.8
8/13/2019 2:00	1040.8
8/13/2019 3:00	1000.844
8/13/2019 4:00	950.9995
8/13/2019 5:00	825.7478
8/13/2019 6:00	986.1618
8/13/2019 7:00	955.4237
8/13/2019 8:00	750.4456
8/13/2019 9:00	440.9119
8/13/2019 10:00	474.9452
8/13/2019 11:00	510.8268
8/13/2019 12:00	384.6742
8/13/2019 13:00	287.275
8/13/2019 14:00	443.23
8/13/2019 15:00	718.7006
8/13/2019 16:00	677.9226
8/13/2019 17:00	687.9102
8/13/2019 18:00	871.2863
8/13/2019 19:00	996.2426
8/13/2019 20:00	1040.8
8/13/2019 21:00	1040.8
8/13/2019 22:00	978.454
8/13/2019 23:00	1024.725
8/14/2019 0:00	756.3438

Date/Time	Flex Reserve
8/14/2019 1:00	553.9329
8/14/2019 2:00	625.3562
8/14/2019 3:00	471.9468
8/14/2019 4:00	596.7249
8/14/2019 5:00	690.328
8/14/2019 6:00	987.2763
8/14/2019 7:00	1037.876
8/14/2019 8:00	1040.8
8/14/2019 9:00	1040.8
8/14/2019 10:00	1040.8
8/14/2019 11:00	1040.8
8/14/2019 12:00	1040.8
8/14/2019 13:00	1040.8
8/14/2019 14:00	1036.629
8/14/2019 15:00	721.1412
8/14/2019 16:00	532.6839
8/14/2019 17:00	725.318
8/14/2019 18:00	934.4749
8/14/2019 19:00	1040.8
8/14/2019 20:00	1038.571
8/14/2019 21:00	1040.791
8/14/2019 22:00	1040.8
8/14/2019 23:00	1040.8
8/15/2019 0:00	1040.8
8/15/2019 1:00	1040.8
8/15/2019 2:00	1040.8
8/15/2019 3:00	1040.8
8/15/2019 4:00	1040.8
8/15/2019 5:00	1040.8
8/15/2019 6:00	1040.8
8/15/2019 7:00	1040.8
8/15/2019 8:00	1040.8
8/15/2019 9:00	1024.008
8/15/2019 10:00	975.9261
8/15/2019 11:00	733.6755
8/15/2019 12:00	452.3302
8/15/2019 13:00	256.4565
8/15/2019 14:00	216.3507
8/15/2019 15:00	115.8754
8/15/2019 16:00	94.54523
8/15/2019 17:00	233.5508
8/15/2019 18:00	576.4456
8/15/2019 19:00	954.2167
8/15/2019 20:00	1031.422
8/15/2019 21:00	1040.8
8/15/2019 22:00	1040.8
8/15/2019 23:00	1040.8
8/16/2019 0:00	1040.8
8/16/2019 1:00	1040.8
8/16/2019 2:00	1040.8
8/16/2019 3:00	1040.8
8/16/2019 4:00	1040.8
8/16/2019 5:00	1040.8
8/16/2019 6:00	1040.8

Date/Time	Flex Reserve
8/16/2019 7:00	1040.8
8/16/2019 8:00	939.2808
8/16/2019 9:00	390.3595
8/16/2019 10:00	453.7758
8/16/2019 11:00	256.1467
8/16/2019 12:00	118.6458
8/16/2019 13:00	154.4254
8/16/2019 14:00	286.0755
8/16/2019 15:00	476.726
8/16/2019 16:00	653.9469
8/16/2019 17:00	929.3252
8/16/2019 18:00	951.3048
8/16/2019 19:00	910.1914
8/16/2019 20:00	1028.517
8/16/2019 21:00	1040.8
8/16/2019 22:00	1021.186
8/16/2019 23:00	690.6778
8/17/2019 0:00	842.6919
8/17/2019 1:00	996.8246
8/17/2019 2:00	1040.144
8/17/2019 3:00	1018.884
8/17/2019 4:00	973.0301
8/17/2019 5:00	915.8009
8/17/2019 6:00	960.1261
8/17/2019 7:00	1002.963
8/17/2019 8:00	893.8081
8/17/2019 9:00	806.2209
8/17/2019 10:00	488.1851
8/17/2019 11:00	315.504
8/17/2019 12:00	280.8496
8/17/2019 13:00	485.5613
8/17/2019 14:00	821.6659
8/17/2019 15:00	982.1307
8/17/2019 16:00	1040.8
8/17/2019 17:00	1040.8
8/17/2019 18:00	821.6257
8/17/2019 19:00	934.9332
8/17/2019 20:00	1010.409
8/17/2019 21:00	937.7626
8/17/2019 22:00	1036.822
8/17/2019 23:00	1040.8
8/18/2019 0:00	971.9265
8/18/2019 1:00	597.5158
8/18/2019 2:00	886.9348
8/18/2019 3:00	918.0931
8/18/2019 4:00	821.8734
8/18/2019 5:00	748.929
8/18/2019 6:00	699.8794
8/18/2019 7:00	562.6552
8/18/2019 8:00	419.206
8/18/2019 9:00	219.0066
8/18/2019 10:00	203.8526
8/18/2019 11:00	252.8181
8/18/2019 12:00	379.9843

Date/Time	Flex Reserve
8/18/2019 13:00	567.0869
8/18/2019 14:00	763.0866
8/18/2019 15:00	851.3566
8/18/2019 16:00	899.359
8/18/2019 17:00	942.7785
8/18/2019 18:00	1034.93
8/18/2019 19:00	1040.8
8/18/2019 20:00	1040.8
8/18/2019 21:00	1040.8
8/18/2019 22:00	1040.8
8/18/2019 23:00	1040.8
8/19/2019 0:00	1040.8
8/19/2019 1:00	1040.8
8/19/2019 2:00	1040.8
8/19/2019 3:00	1040.8
8/19/2019 4:00	1012.835
8/19/2019 5:00	1014.846
8/19/2019 6:00	1021.608
8/19/2019 7:00	827.5616
8/19/2019 8:00	629.3794
8/19/2019 9:00	483.3673
8/19/2019 10:00	296.474
8/19/2019 11:00	270.9224
8/19/2019 12:00	213.0464
8/19/2019 13:00	146.5509
8/19/2019 14:00	113.0062
8/19/2019 15:00	115.9516
8/19/2019 16:00	192.2031
8/19/2019 17:00	333.1508
8/19/2019 18:00	466.8165
8/19/2019 19:00	458.5986
8/19/2019 20:00	835.8896
8/19/2019 21:00	1040.8
8/19/2019 22:00	1040.8
8/19/2019 23:00	1040.8
8/20/2019 0:00	1039.312
8/20/2019 1:00	993.7253
8/20/2019 2:00	780.0781
8/20/2019 3:00	579.1462
8/20/2019 4:00	392.697
8/20/2019 5:00	385.296
8/20/2019 6:00	623.4248
8/20/2019 7:00	708.8347
8/20/2019 8:00	683.363
8/20/2019 9:00	366.5828
8/20/2019 10:00	225.9067
8/20/2019 11:00	159.608
8/20/2019 12:00	208.5863
8/20/2019 13:00	359.3802
8/20/2019 14:00	479.3252
8/20/2019 15:00	578.7317
8/20/2019 16:00	707.9736
8/20/2019 17:00	980.9751
8/20/2019 18:00	1011.601

Date/Time	Flex Reserve
8/20/2019 19:00	1040.8
8/20/2019 20:00	1040.8
8/20/2019 21:00	1040.8
8/20/2019 22:00	1040.8
8/20/2019 23:00	1040.8
8/21/2019 0:00	959.5376
8/21/2019 1:00	1040.8
8/21/2019 2:00	821.2071
8/21/2019 3:00	1029.874
8/21/2019 4:00	1039.62
8/21/2019 5:00	944.3447
8/21/2019 6:00	805.5492
8/21/2019 7:00	540.3238
8/21/2019 8:00	321.6792
8/21/2019 9:00	217.3554
8/21/2019 10:00	368.3307
8/21/2019 11:00	400.79
8/21/2019 12:00	180.5845
8/21/2019 13:00	93.12514
8/21/2019 14:00	116.1645
8/21/2019 15:00	210.0049
8/21/2019 16:00	222.8556
8/21/2019 17:00	431.9449
8/21/2019 18:00	547.9097
8/21/2019 19:00	561.9845
8/21/2019 20:00	800.7056
8/21/2019 21:00	840.553
8/21/2019 22:00	972.0902
8/21/2019 23:00	978.4569
8/22/2019 0:00	1040.774
8/22/2019 1:00	1038.194
8/22/2019 2:00	776.5374
8/22/2019 3:00	715.5832
8/22/2019 4:00	431.4734
8/22/2019 5:00	396.199
8/22/2019 6:00	621.8849
8/22/2019 7:00	622.3445
8/22/2019 8:00	548.7703
8/22/2019 9:00	462.7729
8/22/2019 10:00	699.1119
8/22/2019 11:00	1040.709
8/22/2019 12:00	1040.8
8/22/2019 13:00	1040.8
8/22/2019 14:00	1040.8
8/22/2019 15:00	1040.8
8/22/2019 16:00	1040.8
8/22/2019 17:00	1040.8
8/22/2019 18:00	1040.8
8/22/2019 19:00	1040.8
8/22/2019 20:00	1040.8
8/22/2019 21:00	1040.8
8/22/2019 22:00	1040.8
8/22/2019 23:00	1040.8
8/23/2019 0:00	1016.502

Date/Time	Flex Reserve
8/23/2019 1:00	931.8788
8/23/2019 2:00	1035.055
8/23/2019 3:00	997.8881
8/23/2019 4:00	964.2723
8/23/2019 5:00	998.1028
8/23/2019 6:00	1040.8
8/23/2019 7:00	1040.8
8/23/2019 8:00	1018.672
8/23/2019 9:00	816.8177
8/23/2019 10:00	905.2495
8/23/2019 11:00	947.3924
8/23/2019 12:00	855.2734
8/23/2019 13:00	920.9951
8/23/2019 14:00	1039.226
8/23/2019 15:00	1040.8
8/23/2019 16:00	1040.8
8/23/2019 17:00	1040.8
8/23/2019 18:00	1040.8
8/23/2019 19:00	1040.8
8/23/2019 20:00	1040.8
8/23/2019 21:00	1040.8
8/23/2019 22:00	1040.8
8/23/2019 23:00	1040.8
8/24/2019 0:00	1040.8
8/24/2019 1:00	1040.8
8/24/2019 2:00	1040.8
8/24/2019 3:00	1040.8
8/24/2019 4:00	996.4688
8/24/2019 5:00	961.4418
8/24/2019 6:00	1011.246
8/24/2019 7:00	1026.988
8/24/2019 8:00	899.3951
8/24/2019 9:00	860.522
8/24/2019 10:00	646.0056
8/24/2019 11:00	429.0717
8/24/2019 12:00	303.6415
8/24/2019 13:00	238.3333
8/24/2019 14:00	254.8878
8/24/2019 15:00	337.2421
8/24/2019 16:00	347.5224
8/24/2019 17:00	320.5675
8/24/2019 18:00	318.5098
8/24/2019 19:00	435.7152
8/24/2019 20:00	508.1642
8/24/2019 21:00	681.6436
8/24/2019 22:00	807.3424
8/24/2019 23:00	1030.584
8/25/2019 0:00	1040.8
8/25/2019 1:00	1040.8
8/25/2019 2:00	1040.8
8/25/2019 3:00	981.263
8/25/2019 4:00	949.1765
8/25/2019 5:00	921.3468
8/25/2019 6:00	842.8229

Date/Time	Flex Reserve
8/25/2019 7:00	927.4105
8/25/2019 8:00	911.588
8/25/2019 9:00	874.7308
8/25/2019 10:00	794.7251
8/25/2019 11:00	790.7499
8/25/2019 12:00	888.0537
8/25/2019 13:00	974.101
8/25/2019 14:00	747.3721
8/25/2019 15:00	584.0812
8/25/2019 16:00	508.21
8/25/2019 17:00	420.4023
8/25/2019 18:00	373.3877
8/25/2019 19:00	341.0406
8/25/2019 20:00	530.8039
8/25/2019 21:00	718.173
8/25/2019 22:00	775.9404
8/25/2019 23:00	1006.7
8/26/2019 0:00	1040.8
8/26/2019 1:00	1040.8
8/26/2019 2:00	1040.8
8/26/2019 3:00	1040.8
8/26/2019 4:00	1040.8
8/26/2019 5:00	1040.8
8/26/2019 6:00	1040.8
8/26/2019 7:00	1040.8
8/26/2019 8:00	1040.8
8/26/2019 9:00	1040.8
8/26/2019 10:00	1040.8
8/26/2019 11:00	1040.8
8/26/2019 12:00	1040.8
8/26/2019 13:00	1040.8
8/26/2019 14:00	849.0282
8/26/2019 15:00	575.7773
8/26/2019 16:00	421.8661
8/26/2019 17:00	354.8386
8/26/2019 18:00	406.9601
8/26/2019 19:00	535.5006
8/26/2019 20:00	695.982
8/26/2019 21:00	855.7923
8/26/2019 22:00	852.314
8/26/2019 23:00	792.6486
8/27/2019 0:00	770.0056
8/27/2019 1:00	619.5221
8/27/2019 2:00	520.1181
8/27/2019 3:00	525.8793
8/27/2019 4:00	647.1007
8/27/2019 5:00	657.9886
8/27/2019 6:00	575.7097
8/27/2019 7:00	635.1249
8/27/2019 8:00	738.0184
8/27/2019 9:00	958.4862
8/27/2019 10:00	1040.8
8/27/2019 11:00	1040.8
8/27/2019 12:00	1040.8

Date/Time	Flex Reserve
8/27/2019 13:00	992.474
8/27/2019 14:00	831.211
8/27/2019 15:00	635.3855
8/27/2019 16:00	496.4832
8/27/2019 17:00	433.7206
8/27/2019 18:00	491.585
8/27/2019 19:00	738.3345
8/27/2019 20:00	752.8354
8/27/2019 21:00	605.1031
8/27/2019 22:00	504.4706
8/27/2019 23:00	446.9032
8/28/2019 0:00	394.2405
8/28/2019 1:00	398.9009
8/28/2019 2:00	434.4804
8/28/2019 3:00	521.0856
8/28/2019 4:00	520.828
8/28/2019 5:00	515.2832
8/28/2019 6:00	526.4556
8/28/2019 7:00	540.8551
8/28/2019 8:00	492.2928
8/28/2019 9:00	488.9845
8/28/2019 10:00	496.9876
8/28/2019 11:00	523.3267
8/28/2019 12:00	481.3709
8/28/2019 13:00	408.5228
8/28/2019 14:00	287.4369
8/28/2019 15:00	204.3539
8/28/2019 16:00	206.4408
8/28/2019 17:00	297.3489
8/28/2019 18:00	368.7844
8/28/2019 19:00	408.1409
8/28/2019 20:00	510.7711
8/28/2019 21:00	928.2887
8/28/2019 22:00	1040.8
8/28/2019 23:00	1040.8
8/29/2019 0:00	1040.8
8/29/2019 1:00	1040.8
8/29/2019 2:00	1040.8
8/29/2019 3:00	1040.8
8/29/2019 4:00	1037.631
8/29/2019 5:00	1021.902
8/29/2019 6:00	1028.298
8/29/2019 7:00	954.6164
8/29/2019 8:00	1040.785
8/29/2019 9:00	919.8022
8/29/2019 10:00	790.0893
8/29/2019 11:00	868.9166
8/29/2019 12:00	835.8756
8/29/2019 13:00	849.2884
8/29/2019 14:00	1013.348
8/29/2019 15:00	1040.8
8/29/2019 16:00	1040.8
8/29/2019 17:00	1040.8
8/29/2019 18:00	1008.241

Date/Time	Flex Reserve
8/29/2019 19:00	986.7798
8/29/2019 20:00	1040.8
8/29/2019 21:00	1040.8
8/29/2019 22:00	962.0479
8/29/2019 23:00	665.5689
8/30/2019 0:00	436.9967
8/30/2019 1:00	364.943
8/30/2019 2:00	357.7771
8/30/2019 3:00	447.2272
8/30/2019 4:00	397.2511
8/30/2019 5:00	437.2806
8/30/2019 6:00	616.256
8/30/2019 7:00	615.2813
8/30/2019 8:00	561.9552
8/30/2019 9:00	304.8813
8/30/2019 10:00	217.2059
8/30/2019 11:00	179.3013
8/30/2019 12:00	281.2
8/30/2019 13:00	317.3594
8/30/2019 14:00	386.2306
8/30/2019 15:00	619.9479
8/30/2019 16:00	726.0926
8/30/2019 17:00	986.4315
8/30/2019 18:00	1040.8
8/30/2019 19:00	1040.8
8/30/2019 20:00	1040.8
8/30/2019 21:00	1040.8
8/30/2019 22:00	1040.8
8/30/2019 23:00	1040.8
8/31/2019 0:00	1040.8
8/31/2019 1:00	1011.41
8/31/2019 2:00	1007.687
8/31/2019 3:00	827.3149
8/31/2019 4:00	588.1893
8/31/2019 5:00	475.8796
8/31/2019 6:00	415.619
8/31/2019 7:00	355.5983
8/31/2019 8:00	249.6484
8/31/2019 9:00	197.3561
8/31/2019 10:00	206.3024
8/31/2019 11:00	232.0151
8/31/2019 12:00	203.1462
8/31/2019 13:00	160.5849
8/31/2019 14:00	180.4619
8/31/2019 15:00	215.4493
8/31/2019 16:00	405.7469
8/31/2019 17:00	536.0785
8/31/2019 18:00	738.4481
8/31/2019 19:00	954.4614
8/31/2019 20:00	1040.784
8/31/2019 21:00	1040.8
8/31/2019 22:00	1040.8
8/31/2019 23:00	1040.8
9/1/2019 0:00	1040.8

Date/Time	Flex Reserve
9/1/2019 1:00	1040.8
9/1/2019 2:00	1040.8
9/1/2019 3:00	1040.8
9/1/2019 4:00	1040.8
9/1/2019 5:00	988.529
9/1/2019 6:00	1005.095
9/1/2019 7:00	992.7247
9/1/2019 8:00	877.0243
9/1/2019 9:00	841.624
9/1/2019 10:00	708.2973
9/1/2019 11:00	683.3151
9/1/2019 12:00	599.1858
9/1/2019 13:00	451.1211
9/1/2019 14:00	376.6373
9/1/2019 15:00	451.7857
9/1/2019 16:00	436.2566
9/1/2019 17:00	543.7027
9/1/2019 18:00	714.3289
9/1/2019 19:00	1009.652
9/1/2019 20:00	1040.8
9/1/2019 21:00	1040.8
9/1/2019 22:00	1040.8
9/1/2019 23:00	1040.8
9/2/2019 0:00	1040.8
9/2/2019 1:00	1040.8
9/2/2019 2:00	1028.978
9/2/2019 3:00	1040.8
9/2/2019 4:00	1037.343
9/2/2019 5:00	916.5892
9/2/2019 6:00	689.8647
9/2/2019 7:00	575.0883
9/2/2019 8:00	526.1343
9/2/2019 9:00	367.2501
9/2/2019 10:00	245.3538
9/2/2019 11:00	492.7681
9/2/2019 12:00	650.355
9/2/2019 13:00	693.245
9/2/2019 14:00	540.2337
9/2/2019 15:00	488.9189
9/2/2019 16:00	363.6668
9/2/2019 17:00	355.741
9/2/2019 18:00	359.1187
9/2/2019 19:00	485.4675
9/2/2019 20:00	752.402
9/2/2019 21:00	1029.339
9/2/2019 22:00	1040.8
9/2/2019 23:00	1040.8
9/3/2019 0:00	1040.8
9/3/2019 1:00	1040.8
9/3/2019 2:00	1040.8
9/3/2019 3:00	1040.8
9/3/2019 4:00	1040.8
9/3/2019 5:00	1040.8
9/3/2019 6:00	1040.8

Date/Time	Flex Reserve
9/3/2019 7:00	1040.8
9/3/2019 8:00	1040.8
9/3/2019 9:00	1040.8
9/3/2019 10:00	1040.8
9/3/2019 11:00	1040.8
9/3/2019 12:00	1040.8
9/3/2019 13:00	1040.8
9/3/2019 14:00	1040.8
9/3/2019 15:00	1040.8
9/3/2019 16:00	1040.8
9/3/2019 17:00	1040.8
9/3/2019 18:00	1021.777
9/3/2019 19:00	986.7568
9/3/2019 20:00	931.1186
9/3/2019 21:00	1010.027
9/3/2019 22:00	967.6299
9/3/2019 23:00	1021.856
9/4/2019 0:00	973.4451
9/4/2019 1:00	1009.053
9/4/2019 2:00	920.275
9/4/2019 3:00	954.1475
9/4/2019 4:00	910.9381
9/4/2019 5:00	898.0405
9/4/2019 6:00	880.282
9/4/2019 7:00	871.7581
9/4/2019 8:00	855.9475
9/4/2019 9:00	938.1848
9/4/2019 10:00	1021.648
9/4/2019 11:00	953.5848
9/4/2019 12:00	1040.786
9/4/2019 13:00	1040.8
9/4/2019 14:00	1040.8
9/4/2019 15:00	1040.8
9/4/2019 16:00	1040.8
9/4/2019 17:00	1040.8
9/4/2019 18:00	1040.8
9/4/2019 19:00	1040.8
9/4/2019 20:00	1040.8
9/4/2019 21:00	1040.8
9/4/2019 22:00	1040.8
9/4/2019 23:00	1040.8
9/5/2019 0:00	1040.8
9/5/2019 1:00	1040.8
9/5/2019 2:00	1040.8
9/5/2019 3:00	1040.8
9/5/2019 4:00	1040.8
9/5/2019 5:00	1040.8
9/5/2019 6:00	1025.521
9/5/2019 7:00	1017.33
9/5/2019 8:00	1040.8
9/5/2019 9:00	833.5888
9/5/2019 10:00	564.183
9/5/2019 11:00	674.9491
9/5/2019 12:00	537.3406

Date/Time	Flex Reserve
9/5/2019 13:00	337.656
9/5/2019 14:00	219.084
9/5/2019 15:00	163.5784
9/5/2019 16:00	189.1827
9/5/2019 17:00	256.9367
9/5/2019 18:00	420.7325
9/5/2019 19:00	653.5568
9/5/2019 20:00	1008.482
9/5/2019 21:00	1040.8
9/5/2019 22:00	1022.938
9/5/2019 23:00	1040.8
9/6/2019 0:00	1040.8
9/6/2019 1:00	1040.8
9/6/2019 2:00	1040.8
9/6/2019 3:00	1040.8
9/6/2019 4:00	1040.8
9/6/2019 5:00	1040.8
9/6/2019 6:00	1040.8
9/6/2019 7:00	797.1239
9/6/2019 8:00	562.584
9/6/2019 9:00	446.0269
9/6/2019 10:00	405.5217
9/6/2019 11:00	460.3385
9/6/2019 12:00	604.7606
9/6/2019 13:00	701.7424
9/6/2019 14:00	958.9047
9/6/2019 15:00	1040.8
9/6/2019 16:00	1040.8
9/6/2019 17:00	1040.8
9/6/2019 18:00	1040.8
9/6/2019 19:00	709.3063
9/6/2019 20:00	973.7302
9/6/2019 21:00	1040.8
9/6/2019 22:00	1037.452
9/6/2019 23:00	989.5464
9/7/2019 0:00	878.5438
9/7/2019 1:00	639.2268
9/7/2019 2:00	491.5652
9/7/2019 3:00	318.6081
9/7/2019 4:00	275.1578
9/7/2019 5:00	333.9555
9/7/2019 6:00	395.4858
9/7/2019 7:00	525.2687
9/7/2019 8:00	655.3212
9/7/2019 9:00	565.04
9/7/2019 10:00	564.2166
9/7/2019 11:00	820.0917
9/7/2019 12:00	913.6843
9/7/2019 13:00	872.8024
9/7/2019 14:00	818.3497
9/7/2019 15:00	669.4991
9/7/2019 16:00	574.6206
9/7/2019 17:00	450.3858
9/7/2019 18:00	381.5404

Date/Time	Flex Reserve
9/7/2019 19:00	554.9871
9/7/2019 20:00	828.9842
9/7/2019 21:00	978.5093
9/7/2019 22:00	930.445
9/7/2019 23:00	1040.749
9/8/2019 0:00	1040.8
9/8/2019 1:00	1040.8
9/8/2019 2:00	1040.8
9/8/2019 3:00	934.7173
9/8/2019 4:00	863.4696
9/8/2019 5:00	723.4719
9/8/2019 6:00	741.4082
9/8/2019 7:00	837.6774
9/8/2019 8:00	766.4927
9/8/2019 9:00	513.2509
9/8/2019 10:00	233.9254
9/8/2019 11:00	124.1322
9/8/2019 12:00	189.0851
9/8/2019 13:00	358.1254
9/8/2019 14:00	639.6072
9/8/2019 15:00	993.459
9/8/2019 16:00	1040.8
9/8/2019 17:00	1040.8
9/8/2019 18:00	1040.8
9/8/2019 19:00	1040.8
9/8/2019 20:00	1018.166
9/8/2019 21:00	990.3258
9/8/2019 22:00	1040.8
9/8/2019 23:00	1040.8
9/9/2019 0:00	1026.502
9/9/2019 1:00	789.3127
9/9/2019 2:00	630.5346
9/9/2019 3:00	516.0483
9/9/2019 4:00	454.2034
9/9/2019 5:00	369.4248
9/9/2019 6:00	428.7515
9/9/2019 7:00	508.4701
9/9/2019 8:00	523.3004
9/9/2019 9:00	393.912
9/9/2019 10:00	316.8666
9/9/2019 11:00	258.0381
9/9/2019 12:00	153.0089
9/9/2019 13:00	108.1914
9/9/2019 14:00	109.8167
9/9/2019 15:00	129.0654
9/9/2019 16:00	168.1368
9/9/2019 17:00	189.517
9/9/2019 18:00	349.553
9/9/2019 19:00	618.6731
9/9/2019 20:00	985.1951
9/9/2019 21:00	1040.8
9/9/2019 22:00	1040.8
9/9/2019 23:00	1040.8
9/10/2019 0:00	1040.8

Date/Time	Flex Reserve
9/10/2019 1:00	1016.269
9/10/2019 2:00	898.6088
9/10/2019 3:00	789.326
9/10/2019 4:00	681.9955
9/10/2019 5:00	698.3776
9/10/2019 6:00	791.2037
9/10/2019 7:00	895.3078
9/10/2019 8:00	811.2808
9/10/2019 9:00	563.0802
9/10/2019 10:00	370.7234
9/10/2019 11:00	266.9004
9/10/2019 12:00	199.1506
9/10/2019 13:00	391.9018
9/10/2019 14:00	712.6598
9/10/2019 15:00	959.4433
9/10/2019 16:00	1040.792
9/10/2019 17:00	1040.8
9/10/2019 18:00	1040.8
9/10/2019 19:00	1040.8
9/10/2019 20:00	1040.8
9/10/2019 21:00	1040.8
9/10/2019 22:00	1040.8
9/10/2019 23:00	1040.8
9/11/2019 0:00	1040.8
9/11/2019 1:00	1040.8
9/11/2019 2:00	1040.8
9/11/2019 3:00	1040.8
9/11/2019 4:00	1040.8
9/11/2019 5:00	872.0725
9/11/2019 6:00	723.0456
9/11/2019 7:00	647.793
9/11/2019 8:00	614.5175
9/11/2019 9:00	486.5096
9/11/2019 10:00	419.4175
9/11/2019 11:00	388.7001
9/11/2019 12:00	422.4848
9/11/2019 13:00	482.2544
9/11/2019 14:00	822.6697
9/11/2019 15:00	1038.092
9/11/2019 16:00	1040.8
9/11/2019 17:00	1040.8
9/11/2019 18:00	1040.8
9/11/2019 19:00	1040.8
9/11/2019 20:00	1040.8
9/11/2019 21:00	1040.8
9/11/2019 22:00	1040.8
9/11/2019 23:00	1040.8
9/12/2019 0:00	1040.8
9/12/2019 1:00	1040.8
9/12/2019 2:00	1040.8
9/12/2019 3:00	1040.8
9/12/2019 4:00	1040.8
9/12/2019 5:00	1040.8
9/12/2019 6:00	1033.481

Date/Time	Flex Reserve
9/12/2019 7:00	871.9636
9/12/2019 8:00	783.5067
9/12/2019 9:00	700.852
9/12/2019 10:00	842.5561
9/12/2019 11:00	873.1715
9/12/2019 12:00	854.2364
9/12/2019 13:00	859.6732
9/12/2019 14:00	887.1085
9/12/2019 15:00	930.2329
9/12/2019 16:00	897.2937
9/12/2019 17:00	879.7128
9/12/2019 18:00	944.7207
9/12/2019 19:00	952.4821
9/12/2019 20:00	947.9027
9/12/2019 21:00	1037.683
9/12/2019 22:00	851.8393
9/12/2019 23:00	618.9229
9/13/2019 0:00	292.6209
9/13/2019 1:00	246.5641
9/13/2019 2:00	421.7987
9/13/2019 3:00	769.095
9/13/2019 4:00	792.0935
9/13/2019 5:00	920.9267
9/13/2019 6:00	1040.774
9/13/2019 7:00	1040.8
9/13/2019 8:00	1040.8
9/13/2019 9:00	1039.847
9/13/2019 10:00	1040.8
9/13/2019 11:00	1040.8
9/13/2019 12:00	1040.8
9/13/2019 13:00	1040.8
9/13/2019 14:00	947.6054
9/13/2019 15:00	527.9954
9/13/2019 16:00	305.2545
9/13/2019 17:00	266.7412
9/13/2019 18:00	281.034
9/13/2019 19:00	338.5152
9/13/2019 20:00	473.2067
9/13/2019 21:00	754.238
9/13/2019 22:00	1027.159
9/13/2019 23:00	1030.562
9/14/2019 0:00	964.9839
9/14/2019 1:00	843.8784
9/14/2019 2:00	661.1002
9/14/2019 3:00	414.2933
9/14/2019 4:00	410.9689
9/14/2019 5:00	437.4662
9/14/2019 6:00	585.9059
9/14/2019 7:00	841.8283
9/14/2019 8:00	892.8041
9/14/2019 9:00	843.5363
9/14/2019 10:00	594.7317
9/14/2019 11:00	733.6363
9/14/2019 12:00	749.2381

Date/Time	Flex Reserve
9/14/2019 13:00	593.0013
9/14/2019 14:00	482.2909
9/14/2019 15:00	379.2618
9/14/2019 16:00	266.3761
9/14/2019 17:00	168.8904
9/14/2019 18:00	167.4005
9/14/2019 19:00	326.799
9/14/2019 20:00	755.4284
9/14/2019 21:00	1040.766
9/14/2019 22:00	1040.8
9/14/2019 23:00	1040.8
9/15/2019 0:00	1040.8
9/15/2019 1:00	1040.8
9/15/2019 2:00	1028.654
9/15/2019 3:00	1016.71
9/15/2019 4:00	773.1764
9/15/2019 5:00	670.5146
9/15/2019 6:00	580.9103
9/15/2019 7:00	414.8592
9/15/2019 8:00	331.1609
9/15/2019 9:00	262.5825
9/15/2019 10:00	305.9865
9/15/2019 11:00	513.9296
9/15/2019 12:00	857.5219
9/15/2019 13:00	916.4177
9/15/2019 14:00	957.1208
9/15/2019 15:00	1005.737
9/15/2019 16:00	1025.357
9/15/2019 17:00	1040.8
9/15/2019 18:00	1040.8
9/15/2019 19:00	1040.8
9/15/2019 20:00	1040.8
9/15/2019 21:00	1040.8
9/15/2019 22:00	1040.8
9/15/2019 23:00	1040.8
9/16/2019 0:00	1040.8
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9/16/2019 2:00	1040.8
9/16/2019 3:00	1040.8
9/16/2019 4:00	1040.8
9/16/2019 5:00	1040.8
9/16/2019 6:00	1040.8
9/16/2019 7:00	1040.8
9/16/2019 8:00	1040.8
9/16/2019 9:00	1040.8
9/16/2019 10:00	1040.8
9/16/2019 11:00	1040.8
9/16/2019 12:00	993.7655
9/16/2019 13:00	795.4888
9/16/2019 14:00	731.4385
9/16/2019 15:00	798.6201
9/16/2019 16:00	870.5235
9/16/2019 17:00	913.3084
9/16/2019 18:00	862.1077

Date/Time	Flex Reserve
9/16/2019 19:00	1029.504
9/16/2019 20:00	1040.8
9/16/2019 21:00	1040.8
9/16/2019 22:00	1040.8
9/16/2019 23:00	1040.8
9/17/2019 0:00	1040.8
9/17/2019 1:00	1040.8
9/17/2019 2:00	1040.8
9/17/2019 3:00	1040.8
9/17/2019 4:00	1035.271
9/17/2019 5:00	1004.594
9/17/2019 6:00	1035.702
9/17/2019 7:00	1040.8
9/17/2019 8:00	1040.8
9/17/2019 9:00	887.8943
9/17/2019 10:00	688.8297
9/17/2019 11:00	736.0636
9/17/2019 12:00	596.4905
9/17/2019 13:00	428.0975
9/17/2019 14:00	325.0805
9/17/2019 15:00	370.5377
9/17/2019 16:00	615.0236
9/17/2019 17:00	855.9074
9/17/2019 18:00	1040.8
9/17/2019 19:00	1040.8
9/17/2019 20:00	1040.8
9/17/2019 21:00	1040.8
9/17/2019 22:00	1040.8
9/17/2019 23:00	1040.8
9/18/2019 0:00	1040.8
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9/18/2019 2:00	1040.8
9/18/2019 3:00	1040.8
9/18/2019 4:00	1040.8
9/18/2019 5:00	1040.8
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9/18/2019 7:00	1040.8
9/18/2019 8:00	1038.983
9/18/2019 9:00	745.0365
9/18/2019 10:00	428.2327
9/18/2019 11:00	264.5931
9/18/2019 12:00	202.0738
9/18/2019 13:00	214.6898
9/18/2019 14:00	255.4136
9/18/2019 15:00	460.6191
9/18/2019 16:00	718.5581
9/18/2019 17:00	1010.393
9/18/2019 18:00	1040.8
9/18/2019 19:00	1040.8
9/18/2019 20:00	1040.8
9/18/2019 21:00	1040.8
9/18/2019 22:00	1040.8
9/18/2019 23:00	1040.8
9/19/2019 0:00	1040.8

Date/Time	Flex Reserve
9/19/2019 1:00	1040.8
9/19/2019 2:00	1040.8
9/19/2019 3:00	975.0113
9/19/2019 4:00	774.6334
9/19/2019 5:00	673.7255
9/19/2019 6:00	574.6939
9/19/2019 7:00	537.3847
9/19/2019 8:00	440.3705
9/19/2019 9:00	242.1564
9/19/2019 10:00	103.9722
9/19/2019 11:00	90.83443
9/19/2019 12:00	147.6323
9/19/2019 13:00	326.3173
9/19/2019 14:00	654.5804
9/19/2019 15:00	955.7967
9/19/2019 16:00	1039.352
9/19/2019 17:00	1040.8
9/19/2019 18:00	1040.8
9/19/2019 19:00	1040.8
9/19/2019 20:00	1040.8
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9/19/2019 22:00	1040.8
9/19/2019 23:00	1040.8
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9/20/2019 2:00	1040.8
9/20/2019 3:00	1040.8
9/20/2019 4:00	1040.8
9/20/2019 5:00	1040.8
9/20/2019 6:00	1040.8
9/20/2019 7:00	1040.8
9/20/2019 8:00	1040.8
9/20/2019 9:00	1040.8
9/20/2019 10:00	1040.8
9/20/2019 11:00	1040.8
9/20/2019 12:00	1040.8
9/20/2019 13:00	1040.8
9/20/2019 14:00	1040.8
9/20/2019 15:00	1040.8
9/20/2019 16:00	1040.8
9/20/2019 17:00	1040.8
9/20/2019 18:00	1040.8
9/20/2019 19:00	1040.8
9/20/2019 20:00	1040.8
9/20/2019 21:00	1040.8
9/20/2019 22:00	1040.8
9/20/2019 23:00	1040.8
9/21/2019 0:00	1040.8
9/21/2019 1:00	1040.8
9/21/2019 2:00	1040.8
9/21/2019 3:00	1040.8
9/21/2019 4:00	1040.8
9/21/2019 5:00	1040.8
9/21/2019 6:00	1034.131

Date/Time	Flex Reserve
9/21/2019 7:00	899.3974
9/21/2019 8:00	804.5575
9/21/2019 9:00	719.0325
9/21/2019 10:00	919.0918
9/21/2019 11:00	909.0519
9/21/2019 12:00	804.9944
9/21/2019 13:00	681.5669
9/21/2019 14:00	596.8015
9/21/2019 15:00	666.287
9/21/2019 16:00	782.7405
9/21/2019 17:00	1021.489
9/21/2019 18:00	1040.8
9/21/2019 19:00	1040.8
9/21/2019 20:00	1040.8
9/21/2019 21:00	1040.8
9/21/2019 22:00	1040.8
9/21/2019 23:00	1040.8
9/22/2019 0:00	1040.8
9/22/2019 1:00	1040.8
9/22/2019 2:00	1035.918
9/22/2019 3:00	850.9724
9/22/2019 4:00	653.5705
9/22/2019 5:00	403.8832
9/22/2019 6:00	285.1786
9/22/2019 7:00	263.6629
9/22/2019 8:00	303.2613
9/22/2019 9:00	390.09
9/22/2019 10:00	564.9059
9/22/2019 11:00	612.8847
9/22/2019 12:00	703.6232
9/22/2019 13:00	681.133
9/22/2019 14:00	666.2945
9/22/2019 15:00	570.4116
9/22/2019 16:00	465.2156
9/22/2019 17:00	323.5842
9/22/2019 18:00	344.1403
9/22/2019 19:00	431.2291
9/22/2019 20:00	580.8212
9/22/2019 21:00	789.0415
9/22/2019 22:00	1040.741
9/22/2019 23:00	1040.8
9/23/2019 0:00	1040.8
9/23/2019 1:00	1040.8
9/23/2019 2:00	1034.361
9/23/2019 3:00	971.7301
9/23/2019 4:00	971.357
9/23/2019 5:00	997.027
9/23/2019 6:00	767.7817
9/23/2019 7:00	539.6296
9/23/2019 8:00	433.2396
9/23/2019 9:00	300.4598
9/23/2019 10:00	188.0013
9/23/2019 11:00	163.7768
9/23/2019 12:00	154.535

Date/Time	Flex Reserve
9/23/2019 13:00	185.9042
9/23/2019 14:00	230.5198
9/23/2019 15:00	224.3167
9/23/2019 16:00	245.8058
9/23/2019 17:00	312.7754
9/23/2019 18:00	381.852
9/23/2019 19:00	441.9217
9/23/2019 20:00	551.3084
9/23/2019 21:00	523.7899
9/23/2019 22:00	439.8043
9/23/2019 23:00	445.9193
9/24/2019 0:00	401.3429
9/24/2019 1:00	382.9875
9/24/2019 2:00	324.6067
9/24/2019 3:00	409.7969
9/24/2019 4:00	596.5357
9/24/2019 5:00	945.2691
9/24/2019 6:00	1040.8
9/24/2019 7:00	1040.8
9/24/2019 8:00	1040.8
9/24/2019 9:00	1040.8
9/24/2019 10:00	1040.8
9/24/2019 11:00	1040.8
9/24/2019 12:00	1040.8
9/24/2019 13:00	997.3836
9/24/2019 14:00	651.6296
9/24/2019 15:00	483.0509
9/24/2019 16:00	373.1933
9/24/2019 17:00	265.5366
9/24/2019 18:00	101.7799
9/24/2019 19:00	81.20825
9/24/2019 20:00	124.9437
9/24/2019 21:00	155.1363
9/24/2019 22:00	213.2046
9/24/2019 23:00	458.3828
9/25/2019 0:00	736.656
9/25/2019 1:00	642.7255
9/25/2019 2:00	587.9222
9/25/2019 3:00	788.707
9/25/2019 4:00	759.0377
9/25/2019 5:00	770.3976
9/25/2019 6:00	740.4175
9/25/2019 7:00	807.8512
9/25/2019 8:00	913.378
9/25/2019 9:00	676.0006
9/25/2019 10:00	722.5036
9/25/2019 11:00	698.0992
9/25/2019 12:00	691.7315
9/25/2019 13:00	421.8131
9/25/2019 14:00	200.8723
9/25/2019 15:00	241.7651
9/25/2019 16:00	360.0544
9/25/2019 17:00	422.4825
9/25/2019 18:00	525.8474

Date/Time	Flex Reserve
9/25/2019 19:00	883.2568
9/25/2019 20:00	1040.8
9/25/2019 21:00	1040.8
9/25/2019 22:00	1040.8
9/25/2019 23:00	1040.8
9/26/2019 0:00	1040.8
9/26/2019 1:00	1040.8
9/26/2019 2:00	1021.877
9/26/2019 3:00	980.0277
9/26/2019 4:00	983.9814
9/26/2019 5:00	943.8189
9/26/2019 6:00	1023.248
9/26/2019 7:00	1040.8
9/26/2019 8:00	1040.8
9/26/2019 9:00	1040.8
9/26/2019 10:00	1040.8
9/26/2019 11:00	1040.8
9/26/2019 12:00	1040.8
9/26/2019 13:00	1040.8
9/26/2019 14:00	1040.8
9/26/2019 15:00	1040.8
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9/26/2019 18:00	1040.8
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9/26/2019 20:00	1040.8
9/26/2019 21:00	1040.8
9/26/2019 22:00	1040.8
9/26/2019 23:00	1040.8
9/27/2019 0:00	1040.8
9/27/2019 1:00	1040.8
9/27/2019 2:00	1040.8
9/27/2019 3:00	1040.8
9/27/2019 4:00	1040.8
9/27/2019 5:00	1040.8
9/27/2019 6:00	1040.8
9/27/2019 7:00	1040.8
9/27/2019 8:00	995.805
9/27/2019 9:00	746.0621
9/27/2019 10:00	491.4456
9/27/2019 11:00	309.8051
9/27/2019 12:00	240.8102
9/27/2019 13:00	245.2088
9/27/2019 14:00	440.6516
9/27/2019 15:00	733.5498
9/27/2019 16:00	943.5127
9/27/2019 17:00	1040.774
9/27/2019 18:00	1040.8
9/27/2019 19:00	1040.8
9/27/2019 20:00	1040.8
9/27/2019 21:00	1040.8
9/27/2019 22:00	1040.8
9/27/2019 23:00	1018.887
9/28/2019 0:00	1040.8

Date/Time	Flex Reserve
9/28/2019 1:00	1040.8
9/28/2019 2:00	1027.6
9/28/2019 3:00	999.4524
9/28/2019 4:00	990.9465
9/28/2019 5:00	856.0355
9/28/2019 6:00	840.5692
9/28/2019 7:00	871.4301
9/28/2019 8:00	989.4271
9/28/2019 9:00	1040.8
9/28/2019 10:00	1040.8
9/28/2019 11:00	1040.8
9/28/2019 12:00	1040.8
9/28/2019 13:00	1040.8
9/28/2019 14:00	1040.8
9/28/2019 15:00	1040.8
9/28/2019 16:00	1040.8
9/28/2019 17:00	1040.8
9/28/2019 18:00	1040.8
9/28/2019 19:00	1040.8
9/28/2019 20:00	1040.8
9/28/2019 21:00	1040.8
9/28/2019 22:00	1040.8
9/28/2019 23:00	1040.8
9/29/2019 0:00	1040.8
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9/29/2019 3:00	1040.8
9/29/2019 4:00	1040.8
9/29/2019 5:00	1040.8
9/29/2019 6:00	1040.8
9/29/2019 7:00	1040.8
9/29/2019 8:00	1040.8
9/29/2019 9:00	1040.8
9/29/2019 10:00	1040.8
9/29/2019 11:00	1040.8
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9/29/2019 23:00	1040.8
9/30/2019 0:00	1040.8
9/30/2019 1:00	1040.8
9/30/2019 2:00	1040.8
9/30/2019 3:00	1040.8
9/30/2019 4:00	1040.8
9/30/2019 5:00	1040.8
9/30/2019 6:00	1040.8

Date/Time	Flex Reserve
9/30/2019 7:00	1040.8
9/30/2019 8:00	1040.8
9/30/2019 9:00	1040.8
9/30/2019 10:00	1040.8
9/30/2019 11:00	1040.8
9/30/2019 12:00	1040.8
9/30/2019 13:00	1040.8
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9/30/2019 17:00	1040.8
9/30/2019 18:00	1040.8
9/30/2019 19:00	1040.8
9/30/2019 20:00	1040.8
9/30/2019 21:00	1040.8
9/30/2019 22:00	1040.8
9/30/2019 23:00	1040.8
10/1/2019 0:00	1040.8
10/1/2019 1:00	1040.8
10/1/2019 2:00	1040.8
10/1/2019 3:00	1040.8
10/1/2019 4:00	970.6027
10/1/2019 5:00	813.93
10/1/2019 6:00	763.5995
10/1/2019 7:00	637.1741
10/1/2019 8:00	527.1819
10/1/2019 9:00	459.0696
10/1/2019 10:00	419.4569
10/1/2019 11:00	353.0776
10/1/2019 12:00	300.5506
10/1/2019 13:00	400.1494
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10/1/2019 21:00	768.3951
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10/2/2019 8:00	72.84381
10/2/2019 9:00	95.11266
10/2/2019 10:00	78.52424
10/2/2019 11:00	80.58671
10/2/2019 12:00	119.463

Date/Time	Flex Reserve
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10/2/2019 17:00	585.0516
10/2/2019 18:00	591.8654
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10/4/2019 17:00	1040.8
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Date/Time	Flex Reserve
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10/6/2019 17:00	96.78909
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Date/Time	Flex Reserve
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10/7/2019 14:00	472.852
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10/8/2019 23:00	494.1904
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10/9/2019 2:00	307.9423
10/9/2019 3:00	288.5019
10/9/2019 4:00	298.6105
10/9/2019 5:00	368.5369
10/9/2019 6:00	562.8915

Date/Time	Flex Reserve
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10/9/2019 10:00	230.7798
10/9/2019 11:00	203.7513
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10/9/2019 13:00	419.0378
10/9/2019 14:00	711.2336
10/9/2019 15:00	952.2188
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10/11/2019 3:00	806.9755
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10/11/2019 5:00	809.7345
10/11/2019 6:00	740.5001
10/11/2019 7:00	672.9504
10/11/2019 8:00	685.5095
10/11/2019 9:00	698.1507
10/11/2019 10:00	686.3199
10/11/2019 11:00	788.7248
10/11/2019 12:00	955.822

Date/Time	Flex Reserve
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10/11/2019 16:00	1011.233
10/11/2019 17:00	944.919
10/11/2019 18:00	966.2387
10/11/2019 19:00	714.3112
10/11/2019 20:00	769.0866
10/11/2019 21:00	710.0762
10/11/2019 22:00	762.4406
10/11/2019 23:00	973.8835
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10/12/2019 2:00	1040.8
10/12/2019 3:00	1040.8
10/12/2019 4:00	1040.8
10/12/2019 5:00	931.0961
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10/12/2019 8:00	510.2675
10/12/2019 9:00	411.9108
10/12/2019 10:00	248.8372
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10/12/2019 12:00	252.9823
10/12/2019 13:00	220.1456
10/12/2019 14:00	222.9573
10/12/2019 15:00	241.8583
10/12/2019 16:00	238.7008
10/12/2019 17:00	261.8399
10/12/2019 18:00	237.1119
10/12/2019 19:00	331.1379
10/12/2019 20:00	478.8433
10/12/2019 21:00	534.7234
10/12/2019 22:00	610.7354
10/12/2019 23:00	623.4527
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10/13/2019 1:00	568.491
10/13/2019 2:00	498.8814
10/13/2019 3:00	382.9833
10/13/2019 4:00	276.2693
10/13/2019 5:00	326.0861
10/13/2019 6:00	316.9687
10/13/2019 7:00	261.5801
10/13/2019 8:00	209.2215
10/13/2019 9:00	135.2368
10/13/2019 10:00	87.15446
10/13/2019 11:00	76.60464
10/13/2019 12:00	73.59974
10/13/2019 13:00	128.1801
10/13/2019 14:00	162.4118
10/13/2019 15:00	167.1506
10/13/2019 16:00	162.0115
10/13/2019 17:00	244.9893
10/13/2019 18:00	467.1073

Date/Time	Flex Reserve
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10/14/2019 6:00	1038.306
10/14/2019 7:00	1033.963
10/14/2019 8:00	1028.585
10/14/2019 9:00	955.7313
10/14/2019 10:00	736.3395
10/14/2019 11:00	833.3559
10/14/2019 12:00	814.6121
10/14/2019 13:00	731.4706
10/14/2019 14:00	783.261
10/14/2019 15:00	805.402
10/14/2019 16:00	699.2633
10/14/2019 17:00	686.0275
10/14/2019 18:00	480.2558
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10/14/2019 21:00	937.1626
10/14/2019 22:00	1007.234
10/14/2019 23:00	1040.797
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10/15/2019 3:00	1039.097
10/15/2019 4:00	1040.792
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10/15/2019 11:00	714.6501
10/15/2019 12:00	578.2479
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10/15/2019 14:00	411.3943
10/15/2019 15:00	295.2038
10/15/2019 16:00	230.7762
10/15/2019 17:00	177.7054
10/15/2019 18:00	142.0319
10/15/2019 19:00	284.8511
10/15/2019 20:00	399.7196
10/15/2019 21:00	406.2936
10/15/2019 22:00	374.9515
10/15/2019 23:00	388.2647
10/16/2019 0:00	509.5786

Date/Time	Flex Reserve
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10/16/2019 4:00	1024.841
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10/16/2019 7:00	1040.8
10/16/2019 8:00	973.0168
10/16/2019 9:00	618.3563
10/16/2019 10:00	317.1909
10/16/2019 11:00	230.4129
10/16/2019 12:00	313.7353
10/16/2019 13:00	415.4547
10/16/2019 14:00	344.1536
10/16/2019 15:00	303.9299
10/16/2019 16:00	294.0216
10/16/2019 17:00	277.9648
10/16/2019 18:00	428.4274
10/16/2019 19:00	483.0219
10/16/2019 20:00	652.7154
10/16/2019 21:00	824.6233
10/16/2019 22:00	940.2263
10/16/2019 23:00	1040.436
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10/17/2019 2:00	871.5593
10/17/2019 3:00	761.1405
10/17/2019 4:00	618.5483
10/17/2019 5:00	493.3004
10/17/2019 6:00	449.4951
10/17/2019 7:00	384.6649
10/17/2019 8:00	382.9748
10/17/2019 9:00	338.3568
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10/17/2019 12:00	699.0253
10/17/2019 13:00	1024.151
10/17/2019 14:00	989.1648
10/17/2019 15:00	998.5968
10/17/2019 16:00	1014.701
10/17/2019 17:00	1023.95
10/17/2019 18:00	999.3531
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Date/Time	Flex Reserve
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10/19/2019 9:00	791.6969
10/19/2019 10:00	866.1636
10/19/2019 11:00	1040.8
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10/19/2019 13:00	751.9629
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10/19/2019 16:00	873.9393
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10/19/2019 20:00	1040.8
10/19/2019 21:00	1040.8
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10/20/2019 11:00	1040.8
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Date/Time	Flex Reserve
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10/22/2019 17:00	918.201
10/22/2019 18:00	1021.007

Date/Time	Flex Reserve
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10/22/2019 22:00	1040.764
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10/23/2019 22:00	1040.8
10/23/2019 23:00	992.9634
10/24/2019 0:00	690.2786
10/24/2019 1:00	582.7513
10/24/2019 2:00	737.6752
10/24/2019 3:00	993.4358
10/24/2019 4:00	1037.277
10/24/2019 5:00	1040.8
10/24/2019 6:00	1040.8
10/24/2019 7:00	1040.8
10/24/2019 8:00	1040.8
10/24/2019 9:00	975.0774
10/24/2019 10:00	729.7901
10/24/2019 11:00	573.4958
10/24/2019 12:00	448.0017
10/24/2019 13:00	343.7491
10/24/2019 14:00	279.1119
10/24/2019 15:00	276.6107
10/24/2019 16:00	204.9593
10/24/2019 17:00	114.6172
10/24/2019 18:00	90.44955
10/24/2019 19:00	152.5191
10/24/2019 20:00	280.6687
10/24/2019 21:00	361.0261
10/24/2019 22:00	580.7908
10/24/2019 23:00	868.9776
10/25/2019 0:00	1040.784

Date/Time	Flex Reserve
10/25/2019 1:00	1040.8
10/25/2019 2:00	1040.8
10/25/2019 3:00	1012.028
10/25/2019 4:00	808.3867
10/25/2019 5:00	620.0901
10/25/2019 6:00	573.7594
10/25/2019 7:00	624.3531
10/25/2019 8:00	739.6404
10/25/2019 9:00	583.9105
10/25/2019 10:00	364.6831
10/25/2019 11:00	305.0545
10/25/2019 12:00	226.3721
10/25/2019 13:00	144.1793
10/25/2019 14:00	105.9677
10/25/2019 15:00	85.50114
10/25/2019 16:00	55.76728
10/25/2019 17:00	39.44627
10/25/2019 18:00	164.8912
10/25/2019 19:00	435.2203
10/25/2019 20:00	584.7189
10/25/2019 21:00	799.8156
10/25/2019 22:00	1021.06
10/25/2019 23:00	999.8059
10/26/2019 0:00	1040.798
10/26/2019 1:00	1040.8
10/26/2019 2:00	1040.8
10/26/2019 3:00	1040.8
10/26/2019 4:00	1040.8
10/26/2019 5:00	916.0185
10/26/2019 6:00	703.2475
10/26/2019 7:00	682.152
10/26/2019 8:00	632.1383
10/26/2019 9:00	539.0044
10/26/2019 10:00	446.3468
10/26/2019 11:00	594.4092
10/26/2019 12:00	729.1087
10/26/2019 13:00	743.5669
10/26/2019 14:00	706.6684
10/26/2019 15:00	696.543
10/26/2019 16:00	945.4114
10/26/2019 17:00	1040.8
10/26/2019 18:00	1040.8
10/26/2019 19:00	1040.8
10/26/2019 20:00	1040.8
10/26/2019 21:00	1040.8
10/26/2019 22:00	1040.8
10/26/2019 23:00	1040.8
10/27/2019 0:00	1040.8
10/27/2019 1:00	1040.8
10/27/2019 2:00	1040.8
10/27/2019 3:00	1040.8
10/27/2019 4:00	1040.8
10/27/2019 5:00	1040.8
10/27/2019 6:00	1040.348

Date/Time	Flex Reserve
10/27/2019 7:00	912.2689
10/27/2019 8:00	694.7225
10/27/2019 9:00	562.0369
10/27/2019 10:00	512.377
10/27/2019 11:00	468.7058
10/27/2019 12:00	439.3095
10/27/2019 13:00	457.0824
10/27/2019 14:00	373.7065
10/27/2019 15:00	368.6516
10/27/2019 16:00	418.394
10/27/2019 17:00	470.2537
10/27/2019 18:00	438.5467
10/27/2019 19:00	457.9115
10/27/2019 20:00	385.0262
10/27/2019 21:00	294.016
10/27/2019 22:00	333.7977
10/27/2019 23:00	363.1933
10/28/2019 0:00	309.2629
10/28/2019 1:00	346.805
10/28/2019 2:00	238.8946
10/28/2019 3:00	176.6722
10/28/2019 4:00	84.83522
10/28/2019 5:00	64.53913
10/28/2019 6:00	50.66876
10/28/2019 7:00	49.11026
10/28/2019 8:00	63.49477
10/28/2019 9:00	86.56192
10/28/2019 10:00	81.08084
10/28/2019 11:00	81.91401
10/28/2019 12:00	87.95302
10/28/2019 13:00	128.4084
10/28/2019 14:00	149.2342
10/28/2019 15:00	177.4521
10/28/2019 16:00	206.3853
10/28/2019 17:00	310.3566
10/28/2019 18:00	367.7083
10/28/2019 19:00	476.627
10/28/2019 20:00	418.502
10/28/2019 21:00	443.8472
10/28/2019 22:00	489.8081
10/28/2019 23:00	497.1767
10/29/2019 0:00	470.4047
10/29/2019 1:00	241.1747
10/29/2019 2:00	144.3745
10/29/2019 3:00	174.2499
10/29/2019 4:00	505.0097
10/29/2019 5:00	890.0573
10/29/2019 6:00	828.3119
10/29/2019 7:00	773.3037
10/29/2019 8:00	801.5368
10/29/2019 9:00	882.459
10/29/2019 10:00	951.1256
10/29/2019 11:00	1028.748
10/29/2019 12:00	975.1997

Date/Time	Flex Reserve
10/29/2019 13:00	922.3371
10/29/2019 14:00	1004.131
10/29/2019 15:00	1040.8
10/29/2019 16:00	1040.8
10/29/2019 17:00	1040.8
10/29/2019 18:00	1040.8
10/29/2019 19:00	1008.015
10/29/2019 20:00	904.6963
10/29/2019 21:00	893.735
10/29/2019 22:00	872.2353
10/29/2019 23:00	884.5469
10/30/2019 0:00	829.8189
10/30/2019 1:00	878.5114
10/30/2019 2:00	834.0683
10/30/2019 3:00	738.9384
10/30/2019 4:00	757.6828
10/30/2019 5:00	765.6048
10/30/2019 6:00	757.3763
10/30/2019 7:00	710.5463
10/30/2019 8:00	642.251
10/30/2019 9:00	524.4597
10/30/2019 10:00	516.6206
10/30/2019 11:00	569.5857
10/30/2019 12:00	653.1154
10/30/2019 13:00	679.1457
10/30/2019 14:00	594.9482
10/30/2019 15:00	892.6118
10/30/2019 16:00	887.2635
10/30/2019 17:00	996.56
10/30/2019 18:00	1040.8
10/30/2019 19:00	1040.8
10/30/2019 20:00	1040.8
10/30/2019 21:00	1040.8
10/30/2019 22:00	1040.8
10/30/2019 23:00	1040.8
10/31/2019 0:00	1040.8
10/31/2019 1:00	1038.987
10/31/2019 2:00	1040.79
10/31/2019 3:00	966.6814
10/31/2019 4:00	819.0959
10/31/2019 5:00	767.4059
10/31/2019 6:00	871.3834
10/31/2019 7:00	904.9191
10/31/2019 8:00	1040.751
10/31/2019 9:00	1040.8
10/31/2019 10:00	982.202
10/31/2019 11:00	902.7789
10/31/2019 12:00	1014.262
10/31/2019 13:00	956.0109
10/31/2019 14:00	825.439
10/31/2019 15:00	590.8515
10/31/2019 16:00	441.3162
10/31/2019 17:00	618.4076
10/31/2019 18:00	729.0035

Date/Time	Flex Reserve
10/31/2019 19:00	740.5318
10/31/2019 20:00	867.2614
10/31/2019 21:00	826.6881
10/31/2019 22:00	801.5239
10/31/2019 23:00	865.1739
11/1/2019 0:00	942.7642
11/1/2019 1:00	893.9619
11/1/2019 2:00	1029.504
11/1/2019 3:00	1040.8
11/1/2019 4:00	1040.8
11/1/2019 5:00	1040.8
11/1/2019 6:00	1040.8
11/1/2019 7:00	1040.8
11/1/2019 8:00	1040.8
11/1/2019 9:00	1040.8
11/1/2019 10:00	1040.8
11/1/2019 11:00	1040.8
11/1/2019 12:00	1040.8
11/1/2019 13:00	1040.8
11/1/2019 14:00	1040.8
11/1/2019 15:00	1040.8
11/1/2019 16:00	1040.8
11/1/2019 17:00	1040.8
11/1/2019 18:00	1034.092
11/1/2019 19:00	991.8868
11/1/2019 20:00	933.2848
11/1/2019 21:00	696.0088
11/1/2019 22:00	533.884
11/1/2019 23:00	455.0743
11/2/2019 0:00	490.917
11/2/2019 1:00	623.5848
11/2/2019 2:00	783.5562
11/2/2019 3:00	1014.679
11/2/2019 4:00	1040.8
11/2/2019 5:00	1040.8
11/2/2019 6:00	1040.8
11/2/2019 7:00	1040.8
11/2/2019 8:00	1040.8
11/2/2019 9:00	1040.8
11/2/2019 10:00	1040.8
11/2/2019 11:00	956.9146
11/2/2019 12:00	683.0413
11/2/2019 13:00	497.1065
11/2/2019 14:00	490.2079
11/2/2019 15:00	535.9028
11/2/2019 16:00	560.9043
11/2/2019 17:00	309.2141
11/2/2019 18:00	220.5069
11/2/2019 19:00	250.477
11/2/2019 20:00	301.2813
11/2/2019 21:00	240.9829
11/2/2019 22:00	185.1024
11/2/2019 23:00	202.2439
11/3/2019 0:00	257.7926

Date/Time	Flex Reserve
11/3/2019 1:00	370.7796
11/3/2019 2:00	601.139
11/3/2019 3:00	803.0054
11/3/2019 4:00	903.2448
11/3/2019 5:00	1016.925
11/3/2019 6:00	1013.146
11/3/2019 7:00	902.2653
11/3/2019 8:00	793.4356
11/3/2019 9:00	644.3863
11/3/2019 10:00	739.4904
11/3/2019 11:00	990.5649
11/3/2019 12:00	1040.8
11/3/2019 13:00	969.091
11/3/2019 14:00	963.2714
11/3/2019 15:00	970.9521
11/3/2019 16:00	930.9295
11/3/2019 17:00	847.8201
11/3/2019 18:00	752.5253
11/3/2019 19:00	665.7378
11/3/2019 20:00	576.574
11/3/2019 21:00	513.8822
11/3/2019 22:00	397.9207
11/3/2019 23:00	401.1132
11/4/2019 0:00	472.7779
11/4/2019 1:00	559.2513
11/4/2019 2:00	583.9565
11/4/2019 3:00	601.9979
11/4/2019 4:00	587.7235
11/4/2019 5:00	508.5091
11/4/2019 6:00	377.3597
11/4/2019 7:00	398.8391
11/4/2019 8:00	402.0459
11/4/2019 9:00	389.4526
11/4/2019 10:00	531.4641
11/4/2019 11:00	685.2768
11/4/2019 12:00	531.3806
11/4/2019 13:00	365.3299
11/4/2019 14:00	209.8581
11/4/2019 15:00	172.3643
11/4/2019 16:00	221.1047
11/4/2019 17:00	312.7749
11/4/2019 18:00	424.184
11/4/2019 19:00	539.8732
11/4/2019 20:00	671.6432
11/4/2019 21:00	696.9904
11/4/2019 22:00	945.1674
11/4/2019 23:00	1040.8
11/5/2019 0:00	1040.8
11/5/2019 1:00	1037.003
11/5/2019 2:00	1005.182
11/5/2019 3:00	945.7005
11/5/2019 4:00	910.4928
11/5/2019 5:00	906.0641
11/5/2019 6:00	921.2191

Date/Time	Flex Reserve
11/5/2019 7:00	820.6905
11/5/2019 8:00	763.9487
11/5/2019 9:00	682.9905
11/5/2019 10:00	509.1796
11/5/2019 11:00	530.9556
11/5/2019 12:00	683.7601
11/5/2019 13:00	587.7288
11/5/2019 14:00	429.5607
11/5/2019 15:00	333.7916
11/5/2019 16:00	212.475
11/5/2019 17:00	204.5886
11/5/2019 18:00	303.5562
11/5/2019 19:00	412.5217
11/5/2019 20:00	476.432
11/5/2019 21:00	575.1242
11/5/2019 22:00	549.4645
11/5/2019 23:00	432.4732
11/6/2019 0:00	403.655
11/6/2019 1:00	369.9735
11/6/2019 2:00	333.5423
11/6/2019 3:00	334.7436
11/6/2019 4:00	318.7524
11/6/2019 5:00	312.5145
11/6/2019 6:00	284.7569
11/6/2019 7:00	428.3534
11/6/2019 8:00	722.3736
11/6/2019 9:00	793.1439
11/6/2019 10:00	667.3843
11/6/2019 11:00	559.5779
11/6/2019 12:00	888.6483
11/6/2019 13:00	975.6451
11/6/2019 14:00	954.7597
11/6/2019 15:00	962.3064
11/6/2019 16:00	943.0529
11/6/2019 17:00	676.9874
11/6/2019 18:00	562.1389
11/6/2019 19:00	401.0892
11/6/2019 20:00	269.4362
11/6/2019 21:00	178.8707
11/6/2019 22:00	108.8661
11/6/2019 23:00	59.3821
11/7/2019 0:00	35.99842
11/7/2019 1:00	20.70461
11/7/2019 2:00	17.87597
11/7/2019 3:00	17.87597
11/7/2019 4:00	17.87597
11/7/2019 5:00	17.87597
11/7/2019 6:00	18.59542
11/7/2019 7:00	23.08829
11/7/2019 8:00	28.47688
11/7/2019 9:00	38.70349
11/7/2019 10:00	61.75526
11/7/2019 11:00	92.05081
11/7/2019 12:00	267.7725

Date/Time	Flex Reserve
11/7/2019 13:00	289.4864
11/7/2019 14:00	196.5467
11/7/2019 15:00	124.0279
11/7/2019 16:00	135.7441
11/7/2019 17:00	290.2252
11/7/2019 18:00	616.1931
11/7/2019 19:00	948.8235
11/7/2019 20:00	1040.8
11/7/2019 21:00	1040.8
11/7/2019 22:00	1040.8
11/7/2019 23:00	1040.8
11/8/2019 0:00	1025.045
11/8/2019 1:00	917.4952
11/8/2019 2:00	769.9163
11/8/2019 3:00	867.1461
11/8/2019 4:00	975.3074
11/8/2019 5:00	1040.776
11/8/2019 6:00	1040.8
11/8/2019 7:00	1019.476
11/8/2019 8:00	939.3287
11/8/2019 9:00	831.4743
11/8/2019 10:00	712.1229
11/8/2019 11:00	830.5773
11/8/2019 12:00	875.9311
11/8/2019 13:00	907.2916
11/8/2019 14:00	988.6951
11/8/2019 15:00	989.3025
11/8/2019 16:00	876.5484
11/8/2019 17:00	680.8146
11/8/2019 18:00	599.6856
11/8/2019 19:00	626.6008
11/8/2019 20:00	725.6381
11/8/2019 21:00	767.0279
11/8/2019 22:00	632.2557
11/8/2019 23:00	667.9316
11/9/2019 0:00	759.2956
11/9/2019 1:00	553.2729
11/9/2019 2:00	582.3616
11/9/2019 3:00	684.1121
11/9/2019 4:00	732.4735
11/9/2019 5:00	764.4134
11/9/2019 6:00	856.0861
11/9/2019 7:00	1020.369
11/9/2019 8:00	1040.8
11/9/2019 9:00	980.8875
11/9/2019 10:00	766.4537
11/9/2019 11:00	648.5113
11/9/2019 12:00	507.7985
11/9/2019 13:00	576.6226
11/9/2019 14:00	908.2452
11/9/2019 15:00	969.8419
11/9/2019 16:00	839.7375
11/9/2019 17:00	700.2845
11/9/2019 18:00	469.552

Date/Time	Flex Reserve
11/9/2019 19:00	493.545
11/9/2019 20:00	636.5536
11/9/2019 21:00	464.6202
11/9/2019 22:00	327.899
11/9/2019 23:00	360.9172
11/10/2019 0:00	419.3801
11/10/2019 1:00	452.6368
11/10/2019 2:00	316.154
11/10/2019 3:00	365.2057
11/10/2019 4:00	628.5441
11/10/2019 5:00	752.4342
11/10/2019 6:00	828.0644
11/10/2019 7:00	964.9118
11/10/2019 8:00	913.7069
11/10/2019 9:00	646.7642
11/10/2019 10:00	596.3566
11/10/2019 11:00	376.4101
11/10/2019 12:00	149.4117
11/10/2019 13:00	180.038
11/10/2019 14:00	493.8518
11/10/2019 15:00	457.9316
11/10/2019 16:00	543.1953
11/10/2019 17:00	1014.728
11/10/2019 18:00	1040.8
11/10/2019 19:00	1040.8
11/10/2019 20:00	1040.8
11/10/2019 21:00	1036.575
11/10/2019 22:00	1040.8
11/10/2019 23:00	1038.8
11/11/2019 0:00	874.4105
11/11/2019 1:00	598.7049
11/11/2019 2:00	481.4154
11/11/2019 3:00	383.669
11/11/2019 4:00	275.0674
11/11/2019 5:00	243.0443
11/11/2019 6:00	253.4433
11/11/2019 7:00	277.9867
11/11/2019 8:00	306.8748
11/11/2019 9:00	278.1378
11/11/2019 10:00	242.1869
11/11/2019 11:00	156.8244
11/11/2019 12:00	145.9143
11/11/2019 13:00	149.7944
11/11/2019 14:00	128.7328
11/11/2019 15:00	89.17755
11/11/2019 16:00	71.30523
11/11/2019 17:00	52.21239
11/11/2019 18:00	77.94708
11/11/2019 19:00	119.2526
11/11/2019 20:00	226.4804
11/11/2019 21:00	377.5454
11/11/2019 22:00	481.4543
11/11/2019 23:00	589.2143
11/12/2019 0:00	640.4719

Date/Time	Flex Reserve
11/12/2019 1:00	650.096
11/12/2019 2:00	777.4005
11/12/2019 3:00	920.6915
11/12/2019 4:00	1037.01
11/12/2019 5:00	1040.8
11/12/2019 6:00	1040.8
11/12/2019 7:00	1040.8
11/12/2019 8:00	1040.8
11/12/2019 9:00	1040.8
11/12/2019 10:00	1040.8
11/12/2019 11:00	1040.8
11/12/2019 12:00	1036.532
11/12/2019 13:00	981.4111
11/12/2019 14:00	760.9394
11/12/2019 15:00	569.0624
11/12/2019 16:00	633.0001
11/12/2019 17:00	959.8031
11/12/2019 18:00	1040.8
11/12/2019 19:00	1040.8
11/12/2019 20:00	1040.8
11/12/2019 21:00	1040.8
11/12/2019 22:00	1007.937
11/12/2019 23:00	979.7563
11/13/2019 0:00	675.1051
11/13/2019 1:00	481.1724
11/13/2019 2:00	599.8069
11/13/2019 3:00	749.2612
11/13/2019 4:00	932.3985
11/13/2019 5:00	1040.776
11/13/2019 6:00	1040.8
11/13/2019 7:00	1040.8
11/13/2019 8:00	1040.8
11/13/2019 9:00	1040.8
11/13/2019 10:00	1040.8
11/13/2019 11:00	1040.8
11/13/2019 12:00	1040.8
11/13/2019 13:00	1040.8
11/13/2019 14:00	1040.8
11/13/2019 15:00	1040.8
11/13/2019 16:00	1040.8
11/13/2019 17:00	1040.8
11/13/2019 18:00	889.5044
11/13/2019 19:00	471.861
11/13/2019 20:00	311.3334
11/13/2019 21:00	282.8106
11/13/2019 22:00	238.994
11/13/2019 23:00	209.3351
11/14/2019 0:00	193.093
11/14/2019 1:00	250.5709
11/14/2019 2:00	317.7363
11/14/2019 3:00	330.9726
11/14/2019 4:00	237.5153
11/14/2019 5:00	258.0361
11/14/2019 6:00	288.6052

Date/Time	Flex Reserve
11/14/2019 7:00	289.069
11/14/2019 8:00	361.8463
11/14/2019 9:00	362.9315
11/14/2019 10:00	436.7585
11/14/2019 11:00	681.7579
11/14/2019 12:00	712.0227
11/14/2019 13:00	720.6842
11/14/2019 14:00	568.1405
11/14/2019 15:00	532.6119
11/14/2019 16:00	678.9465
11/14/2019 17:00	933.4806
11/14/2019 18:00	1040.8
11/14/2019 19:00	1040.8
11/14/2019 20:00	1040.8
11/14/2019 21:00	1040.8
11/14/2019 22:00	1040.8
11/14/2019 23:00	1040.8
11/15/2019 0:00	1040.8
11/15/2019 1:00	1040.8
11/15/2019 2:00	1040.8
11/15/2019 3:00	1020.259
11/15/2019 4:00	763.3377
11/15/2019 5:00	432.9106
11/15/2019 6:00	323.7585
11/15/2019 7:00	263.6839
11/15/2019 8:00	198.2767
11/15/2019 9:00	168.5589
11/15/2019 10:00	145.0899
11/15/2019 11:00	121.4166
11/15/2019 12:00	117.6862
11/15/2019 13:00	116.356
11/15/2019 14:00	94.33441
11/15/2019 15:00	118.6131
11/15/2019 16:00	202.7683
11/15/2019 17:00	268.7054
11/15/2019 18:00	285.5001
11/15/2019 19:00	349.0739
11/15/2019 20:00	396.3888
11/15/2019 21:00	548.229
11/15/2019 22:00	596.7301
11/15/2019 23:00	512.833
11/16/2019 0:00	491.2409
11/16/2019 1:00	540.3759
11/16/2019 2:00	675.6817
11/16/2019 3:00	856.3061
11/16/2019 4:00	1040.791
11/16/2019 5:00	1040.8
11/16/2019 6:00	1040.8
11/16/2019 7:00	1040.8
11/16/2019 8:00	1040.8
11/16/2019 9:00	1040.8
11/16/2019 10:00	1036.935
11/16/2019 11:00	1031.249
11/16/2019 12:00	993.2366

Date/Time	Flex Reserve
11/16/2019 13:00	966.9746
11/16/2019 14:00	963.6083
11/16/2019 15:00	1040.761
11/16/2019 16:00	1040.8
11/16/2019 17:00	1040.8
11/16/2019 18:00	1040.8
11/16/2019 19:00	1040.8
11/16/2019 20:00	1040.8
11/16/2019 21:00	1040.8
11/16/2019 22:00	1040.8
11/16/2019 23:00	1040.8
11/17/2019 0:00	1040.8
11/17/2019 1:00	1040.8
11/17/2019 2:00	1040.8
11/17/2019 3:00	1040.8
11/17/2019 4:00	916.0301
11/17/2019 5:00	603.0833
11/17/2019 6:00	272.4349
11/17/2019 7:00	292.3759
11/17/2019 8:00	337.5889
11/17/2019 9:00	355.3206
11/17/2019 10:00	431.9246
11/17/2019 11:00	547.9512
11/17/2019 12:00	619.6192
11/17/2019 13:00	669.4757
11/17/2019 14:00	720.7331
11/17/2019 15:00	736.424
11/17/2019 16:00	534.3378
11/17/2019 17:00	359.1778
11/17/2019 18:00	443.7498
11/17/2019 19:00	660.5244
11/17/2019 20:00	851.0934
11/17/2019 21:00	1005.756
11/17/2019 22:00	1040.8
11/17/2019 23:00	1040.8
11/18/2019 0:00	1040.8
11/18/2019 1:00	1040.8
11/18/2019 2:00	1040.8
11/18/2019 3:00	1040.8
11/18/2019 4:00	1040.8
11/18/2019 5:00	1040.8
11/18/2019 6:00	1040.8
11/18/2019 7:00	1040.8
11/18/2019 8:00	1040.8
11/18/2019 9:00	1040.8
11/18/2019 10:00	1040.8
11/18/2019 11:00	1040.8
11/18/2019 12:00	1040.8
11/18/2019 13:00	1040.8
11/18/2019 14:00	1040.8
11/18/2019 15:00	968.9236
11/18/2019 16:00	565.744
11/18/2019 17:00	502.5481
11/18/2019 18:00	541.3155

Date/Time	Flex Reserve
11/18/2019 19:00	414.0243
11/18/2019 20:00	255.7556
11/18/2019 21:00	255.6862
11/18/2019 22:00	419.6979
11/18/2019 23:00	690.2388
11/19/2019 0:00	1022.936
11/19/2019 1:00	1040.8
11/19/2019 2:00	1040.8
11/19/2019 3:00	1040.8
11/19/2019 4:00	1040.8
11/19/2019 5:00	1040.8
11/19/2019 6:00	1040.8
11/19/2019 7:00	904.9996
11/19/2019 8:00	749.1771
11/19/2019 9:00	787.179
11/19/2019 10:00	508.2476
11/19/2019 11:00	357.8589
11/19/2019 12:00	306.119
11/19/2019 13:00	297.1444
11/19/2019 14:00	223.9068
11/19/2019 15:00	166.1026
11/19/2019 16:00	306.5363
11/19/2019 17:00	841.9987
11/19/2019 18:00	1040.8
11/19/2019 19:00	1040.8
11/19/2019 20:00	1040.8
11/19/2019 21:00	1040.8
11/19/2019 22:00	1040.8
11/19/2019 23:00	1040.8
11/20/2019 0:00	1040.8
11/20/2019 1:00	911.6103
11/20/2019 2:00	522.5863
11/20/2019 3:00	389.4553
11/20/2019 4:00	308.8604
11/20/2019 5:00	378.2722
11/20/2019 6:00	547.06
11/20/2019 7:00	750.3465
11/20/2019 8:00	1024.62
11/20/2019 9:00	1040.8
11/20/2019 10:00	1040.8
11/20/2019 11:00	1040.8
11/20/2019 12:00	1040.8
11/20/2019 13:00	1040.8
11/20/2019 14:00	1040.8
11/20/2019 15:00	1040.8
11/20/2019 16:00	1040.8
11/20/2019 17:00	1040.8
11/20/2019 18:00	1040.8
11/20/2019 19:00	1040.8
11/20/2019 20:00	1040.8
11/20/2019 21:00	1040.8
11/20/2019 22:00	1040.8
11/20/2019 23:00	1040.8
11/21/2019 0:00	1040.8

Date/Time	Flex Reserve
11/21/2019 1:00	1040.8
11/21/2019 2:00	1040.8
11/21/2019 3:00	1040.8
11/21/2019 4:00	1028.087
11/21/2019 5:00	899.8007
11/21/2019 6:00	782.1305
11/21/2019 7:00	614.4047
11/21/2019 8:00	507.9098
11/21/2019 9:00	374.7189
11/21/2019 10:00	236.166
11/21/2019 11:00	219.8952
11/21/2019 12:00	211.6452
11/21/2019 13:00	100.7045
11/21/2019 14:00	63.73854
11/21/2019 15:00	61.28685
11/21/2019 16:00	55.10722
11/21/2019 17:00	68.62538
11/21/2019 18:00	74.8653
11/21/2019 19:00	58.31584
11/21/2019 20:00	59.43849
11/21/2019 21:00	99.94089
11/21/2019 22:00	56.79342
11/21/2019 23:00	44.85563
11/22/2019 0:00	57.21296
11/22/2019 1:00	73.15813
11/22/2019 2:00	68.31449
11/22/2019 3:00	92.98739
11/22/2019 4:00	115.9877
11/22/2019 5:00	90.91675
11/22/2019 6:00	66.10194
11/22/2019 7:00	93.31467
11/22/2019 8:00	94.15162
11/22/2019 9:00	89.32956
11/22/2019 10:00	107.5911
11/22/2019 11:00	153.9931
11/22/2019 12:00	148.8883
11/22/2019 13:00	132.5749
11/22/2019 14:00	109.6911
11/22/2019 15:00	90.61789
11/22/2019 16:00	69.41515
11/22/2019 17:00	96.56582
11/22/2019 18:00	259.2523
11/22/2019 19:00	528.4503
11/22/2019 20:00	773.2042
11/22/2019 21:00	1038.681
11/22/2019 22:00	1040.8
11/22/2019 23:00	1040.8
11/23/2019 0:00	1040.8
11/23/2019 1:00	1040.8
11/23/2019 2:00	1040.8
11/23/2019 3:00	1040.8
11/23/2019 4:00	1040.8
11/23/2019 5:00	1040.8
11/23/2019 6:00	1040.8

Date/Time	Flex Reserve
11/23/2019 7:00	1040.8
11/23/2019 8:00	1040.8
11/23/2019 9:00	1040.8
11/23/2019 10:00	1029.674
11/23/2019 11:00	1022.779
11/23/2019 12:00	1034.447
11/23/2019 13:00	889.7727
11/23/2019 14:00	988.2322
11/23/2019 15:00	1038.153
11/23/2019 16:00	980.7116
11/23/2019 17:00	896.1551
11/23/2019 18:00	1038.295
11/23/2019 19:00	1040.8
11/23/2019 20:00	1027.092
11/23/2019 21:00	979.5357
11/23/2019 22:00	958.5783
11/23/2019 23:00	939.8105
11/24/2019 0:00	1016.511
11/24/2019 1:00	1038.135
11/24/2019 2:00	1040.8
11/24/2019 3:00	1027.633
11/24/2019 4:00	965.6283
11/24/2019 5:00	901.4329
11/24/2019 6:00	847.7495
11/24/2019 7:00	886.0333
11/24/2019 8:00	1040.762
11/24/2019 9:00	1040.8
11/24/2019 10:00	1040.8
11/24/2019 11:00	1040.8
11/24/2019 12:00	1040.8
11/24/2019 13:00	1040.8
11/24/2019 14:00	1040.8
11/24/2019 15:00	1031.902
11/24/2019 16:00	907.5647
11/24/2019 17:00	722.0283
11/24/2019 18:00	907.1534
11/24/2019 19:00	1003.24
11/24/2019 20:00	956.8409
11/24/2019 21:00	956.8792
11/24/2019 22:00	1039.121
11/24/2019 23:00	1040.8
11/25/2019 0:00	1040.8
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11/25/2019 2:00	1040.8
11/25/2019 3:00	1040.8
11/25/2019 4:00	987.018
11/25/2019 5:00	791.5043
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11/25/2019 7:00	1040.8
11/25/2019 8:00	1040.8
11/25/2019 9:00	970.0111
11/25/2019 10:00	718.2061
11/25/2019 11:00	627.4792
11/25/2019 12:00	649.0047

Date/Time	Flex Reserve
11/25/2019 13:00	602.6301
11/25/2019 14:00	809.3277
11/25/2019 15:00	1040.8
11/25/2019 16:00	1040.8
11/25/2019 17:00	1040.8
11/25/2019 18:00	1040.8
11/25/2019 19:00	1040.8
11/25/2019 20:00	1040.8
11/25/2019 21:00	1040.8
11/25/2019 22:00	1040.8
11/25/2019 23:00	1040.8
11/26/2019 0:00	1040.8
11/26/2019 1:00	1040.8
11/26/2019 2:00	1040.8
11/26/2019 3:00	1040.8
11/26/2019 4:00	1040.8
11/26/2019 5:00	1040.8
11/26/2019 6:00	1040.8
11/26/2019 7:00	1040.8
11/26/2019 8:00	1040.8
11/26/2019 9:00	1040.8
11/26/2019 10:00	1040.8
11/26/2019 11:00	1040.8
11/26/2019 12:00	1040.8
11/26/2019 13:00	1040.8
11/26/2019 14:00	1040.8
11/26/2019 15:00	1040.8
11/26/2019 16:00	1040.8
11/26/2019 17:00	1040.8
11/26/2019 18:00	1040.8
11/26/2019 19:00	1040.8
11/26/2019 20:00	1040.8
11/26/2019 21:00	1040.8
11/26/2019 22:00	1040.8
11/26/2019 23:00	1040.213
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11/27/2019 1:00	739.273
11/27/2019 2:00	331.6995
11/27/2019 3:00	312.8752
11/27/2019 4:00	257.6866
11/27/2019 5:00	249.4824
11/27/2019 6:00	410.4887
11/27/2019 7:00	425.9591
11/27/2019 8:00	375.1167
11/27/2019 9:00	628.8085
11/27/2019 10:00	930.059
11/27/2019 11:00	1037.953
11/27/2019 12:00	1040.8
11/27/2019 13:00	1040.8
11/27/2019 14:00	1040.8
11/27/2019 15:00	1040.8
11/27/2019 16:00	1040.8
11/27/2019 17:00	1040.8
11/27/2019 18:00	1040.8

Date/Time	Flex Reserve
11/27/2019 19:00	1040.8
11/27/2019 20:00	1040.8
11/27/2019 21:00	1040.8
11/27/2019 22:00	1040.8
11/27/2019 23:00	1040.8
11/28/2019 0:00	1040.8
11/28/2019 1:00	1040.8
11/28/2019 2:00	1040.8
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11/28/2019 17:00	1040.8
11/28/2019 18:00	1040.8
11/28/2019 19:00	1040.8
11/28/2019 20:00	1040.8
11/28/2019 21:00	1040.8
11/28/2019 22:00	1040.8
11/28/2019 23:00	1040.8
11/29/2019 0:00	1040.8
11/29/2019 1:00	1040.8
11/29/2019 2:00	1040.8
11/29/2019 3:00	1040.8
11/29/2019 4:00	1040.8
11/29/2019 5:00	1040.8
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11/29/2019 7:00	1040.8
11/29/2019 8:00	1040.8
11/29/2019 9:00	1040.8
11/29/2019 10:00	1040.8
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11/29/2019 12:00	1040.8
11/29/2019 13:00	1040.8
11/29/2019 14:00	1040.8
11/29/2019 15:00	1040.8
11/29/2019 16:00	1040.8
11/29/2019 17:00	1040.8
11/29/2019 18:00	1040.8
11/29/2019 19:00	1040.8
11/29/2019 20:00	1040.8
11/29/2019 21:00	1040.8
11/29/2019 22:00	1040.8
11/29/2019 23:00	1040.8
11/30/2019 0:00	1040.8

Date/Time	Flex Reserve
11/30/2019 1:00	1040.8
11/30/2019 2:00	1040.8
11/30/2019 3:00	1040.8
11/30/2019 4:00	1040.8
11/30/2019 5:00	1040.8
11/30/2019 6:00	1040.8
11/30/2019 7:00	1040.8
11/30/2019 8:00	1040.8
11/30/2019 9:00	1040.8
11/30/2019 10:00	1040.8
11/30/2019 11:00	1040.8
11/30/2019 12:00	1040.8
11/30/2019 13:00	1040.8
11/30/2019 14:00	1040.8
11/30/2019 15:00	1040.8
11/30/2019 16:00	1040.8
11/30/2019 17:00	1040.8
11/30/2019 18:00	1040.8
11/30/2019 19:00	1040.8
11/30/2019 20:00	1040.8
11/30/2019 21:00	1040.8
11/30/2019 22:00	1040.8
11/30/2019 23:00	1040.8
12/1/2019 0:00	1040.8
12/1/2019 1:00	1040.8
12/1/2019 2:00	1040.8
12/1/2019 3:00	1040.8
12/1/2019 4:00	1040.8
12/1/2019 5:00	1011.486
12/1/2019 6:00	933.5148
12/1/2019 7:00	944.5856
12/1/2019 8:00	878.1957
12/1/2019 9:00	772.6216
12/1/2019 10:00	638.7594
12/1/2019 11:00	503.0647
12/1/2019 12:00	375.8185
12/1/2019 13:00	264.9789
12/1/2019 14:00	155.2948
12/1/2019 15:00	134.7711
12/1/2019 16:00	226.6955
12/1/2019 17:00	386.7694
12/1/2019 18:00	652.0551
12/1/2019 19:00	968.0843
12/1/2019 20:00	1033.107
12/1/2019 21:00	1040.8
12/1/2019 22:00	1040.8
12/1/2019 23:00	1040.8
12/2/2019 0:00	1040.8
12/2/2019 1:00	1040.8
12/2/2019 2:00	1040.8
12/2/2019 3:00	1040.8
12/2/2019 4:00	1040.8
12/2/2019 5:00	1040.8
12/2/2019 6:00	853.112

Date/Time	Flex Reserve
12/2/2019 7:00	705.7788
12/2/2019 8:00	557.1056
12/2/2019 9:00	414.3935
12/2/2019 10:00	226.2963
12/2/2019 11:00	234.7071
12/2/2019 12:00	451.4668
12/2/2019 13:00	644.8189
12/2/2019 14:00	619.0307
12/2/2019 15:00	638.4861
12/2/2019 16:00	780.6873
12/2/2019 17:00	858.0675
12/2/2019 18:00	897.3303
12/2/2019 19:00	848.4005
12/2/2019 20:00	772.5197
12/2/2019 21:00	740.3767
12/2/2019 22:00	708.9491
12/2/2019 23:00	768.0461
12/3/2019 0:00	721.2918
12/3/2019 1:00	837.0321
12/3/2019 2:00	948.7058
12/3/2019 3:00	1008.615
12/3/2019 4:00	924.1409
12/3/2019 5:00	784.6565
12/3/2019 6:00	717.1473
12/3/2019 7:00	862.6214
12/3/2019 8:00	1037.181
12/3/2019 9:00	1040.8
12/3/2019 10:00	1040.8
12/3/2019 11:00	1040.8
12/3/2019 12:00	1040.8
12/3/2019 13:00	1023.495
12/3/2019 14:00	865.6515
12/3/2019 15:00	742.1006
12/3/2019 16:00	736.3446
12/3/2019 17:00	818.3052
12/3/2019 18:00	936.2241
12/3/2019 19:00	994.5797
12/3/2019 20:00	953.8984
12/3/2019 21:00	896.1476
12/3/2019 22:00	900.0462
12/3/2019 23:00	952.9096
12/4/2019 0:00	978.8804
12/4/2019 1:00	1040.788
12/4/2019 2:00	1027.629
12/4/2019 3:00	975.6369
12/4/2019 4:00	939.6419
12/4/2019 5:00	953.1136
12/4/2019 6:00	772.5424
12/4/2019 7:00	665.7125
12/4/2019 8:00	661.2876
12/4/2019 9:00	579.3493
12/4/2019 10:00	356.8015
12/4/2019 11:00	209.5174
12/4/2019 12:00	175.0063

Date/Time	Flex Reserve
12/4/2019 13:00	253.3617
12/4/2019 14:00	278.2542
12/4/2019 15:00	399.3885
12/4/2019 16:00	525.1672
12/4/2019 17:00	641.0639
12/4/2019 18:00	796.6966
12/4/2019 19:00	892.1878
12/4/2019 20:00	1010.42
12/4/2019 21:00	1040.8
12/4/2019 22:00	1040.8
12/4/2019 23:00	1040.2
12/5/2019 0:00	969.6664
12/5/2019 1:00	762.849
12/5/2019 2:00	691.156
12/5/2019 3:00	479.7017
12/5/2019 4:00	350.9298
12/5/2019 5:00	605.5844
12/5/2019 6:00	776.9186
12/5/2019 7:00	810.664
12/5/2019 8:00	994.186
12/5/2019 9:00	1040.8
12/5/2019 10:00	1040.8
12/5/2019 11:00	1040.8
12/5/2019 12:00	1040.8
12/5/2019 13:00	1040.8
12/5/2019 14:00	1040.8
12/5/2019 15:00	1040.8
12/5/2019 16:00	1040.8
12/5/2019 17:00	1040.8
12/5/2019 18:00	1040.8
12/5/2019 19:00	981.1201
12/5/2019 20:00	963.2217
12/5/2019 21:00	680.4114
12/5/2019 22:00	571.52
12/5/2019 23:00	499.8046
12/6/2019 0:00	331.7248
12/6/2019 1:00	188.7817
12/6/2019 2:00	131.8274
12/6/2019 3:00	113.7013
12/6/2019 4:00	267.0931
12/6/2019 5:00	478.7541
12/6/2019 6:00	808.8234
12/6/2019 7:00	940.4015
12/6/2019 8:00	954.3788
12/6/2019 9:00	976.4941
12/6/2019 10:00	1029.276
12/6/2019 11:00	966.4933
12/6/2019 12:00	905.0266
12/6/2019 13:00	822.1364
12/6/2019 14:00	694.185
12/6/2019 15:00	562.047
12/6/2019 16:00	533.2998
12/6/2019 17:00	585.2363
12/6/2019 18:00	839.3509

Date/Time	Flex Reserve
12/6/2019 19:00	885.6305
12/6/2019 20:00	731.6452
12/6/2019 21:00	603.1742
12/6/2019 22:00	489.4526
12/6/2019 23:00	414.4279
12/7/2019 0:00	370.4682
12/7/2019 1:00	497.9428
12/7/2019 2:00	540.9688
12/7/2019 3:00	593.1165
12/7/2019 4:00	759.1123
12/7/2019 5:00	930.1448
12/7/2019 6:00	1040.792
12/7/2019 7:00	1040.8
12/7/2019 8:00	1040.8
12/7/2019 9:00	1040.8
12/7/2019 10:00	934.9847
12/7/2019 11:00	764.0379
12/7/2019 12:00	617.2795
12/7/2019 13:00	582.661
12/7/2019 14:00	840.9605
12/7/2019 15:00	960.1901
12/7/2019 16:00	939.189
12/7/2019 17:00	1026.376
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Date/Time	Flex Reserve
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12/11/2019 3:00	407.9667
12/11/2019 4:00	486.1461
12/11/2019 5:00	578.3218
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Date/Time	Flex Reserve
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12/12/2019 9:00	843.6495
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12/13/2019 9:00	814.7758
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12/13/2019 12:00	1040.8

Date/Time	Flex Reserve
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12/14/2019 2:00	284.9305
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12/14/2019 4:00	221.3293
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12/14/2019 15:00	1040.8
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12/14/2019 21:00	777.6174
12/14/2019 22:00	759.4102
12/14/2019 23:00	519.6456
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12/15/2019 11:00	1040.8
12/15/2019 12:00	1013.068
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12/15/2019 14:00	318.6767
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12/15/2019 16:00	125.5785
12/15/2019 17:00	101.062
12/15/2019 18:00	137.2155

Date/Time	Flex Reserve
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12/15/2019 22:00	90.87168
12/15/2019 23:00	60.74143
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12/16/2019 1:00	140.2496
12/16/2019 2:00	221.9431
12/16/2019 3:00	277.5884
12/16/2019 4:00	410.3231
12/16/2019 5:00	499.958
12/16/2019 6:00	468.9623
12/16/2019 7:00	486.6367
12/16/2019 8:00	640.5292
12/16/2019 9:00	611.5923
12/16/2019 10:00	495.5211
12/16/2019 11:00	466.1972
12/16/2019 12:00	637.6849
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12/16/2019 14:00	997.9355
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12/17/2019 9:00	1040.8
12/17/2019 10:00	1039.416
12/17/2019 11:00	1029.972
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12/17/2019 17:00	1040.8
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12/17/2019 22:00	980.0336
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12/18/2019 0:00	1040.8

Date/Time	Flex Reserve
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12/18/2019 6:00	853.3948
12/18/2019 7:00	936.4076
12/18/2019 8:00	901.9434
12/18/2019 9:00	836.2987
12/18/2019 10:00	634.6755
12/18/2019 11:00	435.0713
12/18/2019 12:00	346.653
12/18/2019 13:00	278.6231
12/18/2019 14:00	279.2888
12/18/2019 15:00	244.7257
12/18/2019 16:00	294.1217
12/18/2019 17:00	352.8858
12/18/2019 18:00	392.1288
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12/20/2019 2:00	1040.8
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12/20/2019 4:00	1040.8
12/20/2019 5:00	1040.8
12/20/2019 6:00	1040.8

Date/Time	Flex Reserve
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12/20/2019 9:00	1040.8
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12/20/2019 15:00	305.451
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12/20/2019 17:00	312.1656
12/20/2019 18:00	425.2118
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12/21/2019 2:00	462.2456
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12/21/2019 9:00	616.6085
12/21/2019 10:00	436.4682
12/21/2019 11:00	327.3605
12/21/2019 12:00	290.4703
12/21/2019 13:00	341.4765
12/21/2019 14:00	295.437
12/21/2019 15:00	338.5093
12/21/2019 16:00	352.4049
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12/21/2019 18:00	535.4602
12/21/2019 19:00	607.5165
12/21/2019 20:00	813.8544
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12/21/2019 22:00	1019.744
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12/22/2019 6:00	833.8778
12/22/2019 7:00	634.4686
12/22/2019 8:00	535.1253
12/22/2019 9:00	546.1597
12/22/2019 10:00	601.0663
12/22/2019 11:00	465.1267
12/22/2019 12:00	358.2357

Date/Time	Flex Reserve
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12/22/2019 17:00	312.6937
12/22/2019 18:00	369.6
12/22/2019 19:00	368.5977
12/22/2019 20:00	338.8774
12/22/2019 21:00	366.2857
12/22/2019 22:00	261.4839
12/22/2019 23:00	194.6208
12/23/2019 0:00	214.9098
12/23/2019 1:00	171.8308
12/23/2019 2:00	181.7588
12/23/2019 3:00	191.8229
12/23/2019 4:00	172.7548
12/23/2019 5:00	184.5639
12/23/2019 6:00	196.4187
12/23/2019 7:00	176.2389
12/23/2019 8:00	223.7614
12/23/2019 9:00	212.2028
12/23/2019 10:00	181.4268
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12/23/2019 12:00	146.8864
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12/23/2019 14:00	186.9303
12/23/2019 15:00	196.0217
12/23/2019 16:00	267.7418
12/23/2019 17:00	305.3708
12/23/2019 18:00	507.4146
12/23/2019 19:00	661.4671
12/23/2019 20:00	730.4576
12/23/2019 21:00	611.0672
12/23/2019 22:00	513.2623
12/23/2019 23:00	399.7899
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12/24/2019 2:00	674.3945
12/24/2019 3:00	705.9133
12/24/2019 4:00	845.0163
12/24/2019 5:00	983.1899
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12/24/2019 11:00	1040.8
12/24/2019 12:00	1040.8
12/24/2019 13:00	1020.443
12/24/2019 14:00	924.2713
12/24/2019 15:00	732.7843
12/24/2019 16:00	578.9989
12/24/2019 17:00	481.8737
12/24/2019 18:00	317.5061

Date/Time	Flex Reserve
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12/24/2019 22:00	295.3579
12/24/2019 23:00	298.8525
12/25/2019 0:00	300.8885
12/25/2019 1:00	294.0432
12/25/2019 2:00	257.6089
12/25/2019 3:00	311.2219
12/25/2019 4:00	435.602
12/25/2019 5:00	563.2639
12/25/2019 6:00	666.8831
12/25/2019 7:00	648.9467
12/25/2019 8:00	679.8128
12/25/2019 9:00	659.8593
12/25/2019 10:00	492.9685
12/25/2019 11:00	435.2532
12/25/2019 12:00	380.6593
12/25/2019 13:00	359.9566
12/25/2019 14:00	384.527
12/25/2019 15:00	469.6834
12/25/2019 16:00	763.3887
12/25/2019 17:00	1034.621
12/25/2019 18:00	1040.796
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12/25/2019 20:00	1040.8
12/25/2019 21:00	1035.861
12/25/2019 22:00	1026.681
12/25/2019 23:00	701.3408
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12/26/2019 1:00	445.8003
12/26/2019 2:00	369.5619
12/26/2019 3:00	233.0551
12/26/2019 4:00	202.9292
12/26/2019 5:00	166.9263
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12/26/2019 9:00	251.4383
12/26/2019 10:00	203.5713
12/26/2019 11:00	144.4549
12/26/2019 12:00	122.2052
12/26/2019 13:00	82.51496
12/26/2019 14:00	95.3474
12/26/2019 15:00	171.7681
12/26/2019 16:00	227.214
12/26/2019 17:00	362.2266
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12/26/2019 20:00	727.0555
12/26/2019 21:00	700.0052
12/26/2019 22:00	814.0668
12/26/2019 23:00	723.6133
12/27/2019 0:00	696.5415

Date/Time	Flex Reserve
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12/27/2019 6:00	677.3618
12/27/2019 7:00	608.1736
12/27/2019 8:00	512.7077
12/27/2019 9:00	591.2704
12/27/2019 10:00	405.5061
12/27/2019 11:00	450.1936
12/27/2019 12:00	431.6047
12/27/2019 13:00	585.6927
12/27/2019 14:00	647.619
12/27/2019 15:00	530.7964
12/27/2019 16:00	633.9488
12/27/2019 17:00	546.109
12/27/2019 18:00	443.947
12/27/2019 19:00	312.5879
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12/27/2019 21:00	238.4515
12/27/2019 22:00	155.8942
12/27/2019 23:00	117.1942
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12/28/2019 2:00	146.1783
12/28/2019 3:00	154.6683
12/28/2019 4:00	148.3323
12/28/2019 5:00	135.8635
12/28/2019 6:00	115.4734
12/28/2019 7:00	128.668
12/28/2019 8:00	209.8565
12/28/2019 9:00	299.2201
12/28/2019 10:00	342.497
12/28/2019 11:00	444.0457
12/28/2019 12:00	597.7163
12/28/2019 13:00	728.7167
12/28/2019 14:00	855.3137
12/28/2019 15:00	909.8075
12/28/2019 16:00	777.5502
12/28/2019 17:00	877.2368
12/28/2019 18:00	955.7889
12/28/2019 19:00	1032.047
12/28/2019 20:00	1040.8
12/28/2019 21:00	1040.8
12/28/2019 22:00	1040.8
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12/29/2019 3:00	1040.8
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12/29/2019 5:00	1040.8
12/29/2019 6:00	1040.8

Date/Time	Flex Reserve
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12/30/2019 2:00	1040.8
12/30/2019 3:00	1040.8
12/30/2019 4:00	1040.8
12/30/2019 5:00	1040.8
12/30/2019 6:00	1040.8
12/30/2019 7:00	1040.8
12/30/2019 8:00	1040.8
12/30/2019 9:00	1040.8
12/30/2019 10:00	1040.8
12/30/2019 11:00	1040.8
12/30/2019 12:00	1040.8
12/30/2019 13:00	1040.8
12/30/2019 14:00	1040.8
12/30/2019 15:00	1040.8
12/30/2019 16:00	975.789
12/30/2019 17:00	877.4152
12/30/2019 18:00	862.7846
12/30/2019 19:00	861.5629
12/30/2019 20:00	881.5615
12/30/2019 21:00	964.076
12/30/2019 22:00	1040.8
12/30/2019 23:00	1040.8
12/31/2019 0:00	1040.8
12/31/2019 1:00	1040.8
12/31/2019 2:00	1040.8
12/31/2019 3:00	1040.8
12/31/2019 4:00	1040.8
12/31/2019 5:00	1040.8
12/31/2019 6:00	1040.8
12/31/2019 7:00	996.7376
12/31/2019 8:00	969.4964
12/31/2019 9:00	958.4359
12/31/2019 10:00	761.3964
12/31/2019 11:00	568.1777
12/31/2019 12:00	501.324

Date/Time	Flex Reserve
12/31/2019 13:00	426.2592
12/31/2019 14:00	382.6262
12/31/2019 15:00	487.4317
12/31/2019 16:00	713.9247
12/31/2019 17:00	1003.96
12/31/2019 18:00	1040.8
12/31/2019 19:00	1040.8
12/31/2019 20:00	1040.8
12/31/2019 21:00	1040.8
12/31/2019 22:00	1040.8
12/31/2019 23:00	1040.8
1/1/2020 0:00	987.989
12/31/2019 21:00	1040.8
12/31/2019 22:00	1040.8
12/31/2019 23:00	1040.8
1/1/2020 0:00	987.989

ATTACHMENT C

[illegible]

EXHIBIT NO. XES-0004

October 30, 2020

DIRECT TESTIMONY OF KEITH A. PARKS

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**EXHIBITS TO
DIRECT TESTIMONY OF KEITH A. PARKS**

<u>Exhibit No.</u>	<u>Description</u>
XES-0005	Table of the Equivalent Availability Factor (“EAF”), Net Capacity Factor (“NCF”), and Equivalent Availability Capacity Factor (“EACF”) of each PSCo-owned unit for each year (2017-2019) and the three-year average for EAF, NCF and EACF of the 2017-2019 period
XES-0006	Table of the Net Capacities (“NC”), Available Capacities (“AC”), Net Capacity Factors (“NCF”), Equivalent Availability Factor (“EAF”), and Ramp Range for each PSCo-owned plant for the three-year average of the 2017-2019 period
XES-0007 (Confidential)	Confidential table of Net Maximum Capacity (“NMC”), Minimum Generating Capability (“Min”), and Ramp Rate for all units. The table includes EAF, NCF, and EACF for non-PSCo owned units
XES-0008 (Confidential)	Confidential table of NMC, Min Capacity, and Ramp Rate for each plant. The table includes NC, AC, NFC, EAF, and Ramp Range for non-PSCo owned plants
XES-0009	The ability for each plant to provide each reserve type: Fast-Moving Reserves, Spinning Reserves, Supplemental Reserves, Following Reserves, and Flex Reserves
XES-0010	Calculations by which the AC of each plant was allocated among Fast-Moving Reserves, Spinning Reserves, Supplemental Reserves, Load Following Reserves, and Flex Reserves
XES-0011	Final allocations of Regulation Reserves (including Fast-Moving and Load Following) and Flex Reserves to each plant

I. INTRODUCTION

Q. PLEASE STATE YOUR NAME, POSITION, AND BUSINESS ADDRESS.

A. My name is Keith A. Parks. I am employed as a Senior Market Operations Analyst for Xcel Energy Services Inc. (“XES”) in the Commercial Operations group in Denver, Colorado. XES is the service company subsidiary of Xcel Energy Inc., the registered public utility holding company parent of Public Service Company of Colorado (“PSCo”). The Commercial Operations group is responsible for generation dispatch for all of Xcel Energy’s generation fleet including owned and contracted assets. My business address is 1800 Larimer Street, Denver, Colorado, 80202.

Q. PLEASE BRIEFLY OUTLINE YOUR EDUCATIONAL AND PROFESSIONAL BACKGROUND.

A. I graduated from the University of Auckland in Auckland, New Zealand in 1997 with a Bachelor of Engineering Degree in Engineering Science. Prior to joining XES, I worked at the National Renewable Energy Laboratory (“NREL”) in Golden, Colorado as a Staff Analyst in the Strategic Energy Analysis Center, for Stratus Consulting in Boulder, Colorado, and for Henwood Energy Services Inc. (now Ventyx) in Sacramento, California as a consultant and computer programmer. I have spent my career modeling complex systems such as electricity generation dispatch, carbon markets, energy storage, hydrogen infrastructure for transportation fuels, and wind energy forecasting. In my current position, I evaluate decarbonization strategies, troubleshoot forecast models, and perform market and emission benefit calculations.

Q. HAVE YOU PREVIOUSLY TESTIFIED BEFORE ANY REGULATORY AUTHORITIES?

1 A. Yes. I have testified before the Colorado Public Utilities Commission. I also submitted
2 testimony in Docket No. ER14-1969-000 in support of revising Xcel Energy Operating
3 Companies Open Access Transmission Tariff (“PSCo Tariff” or “OATT”) to allocation of
4 generation capacity to serve reserves.

5 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?**

6 A. My testimony is a companion to the testimony of Mr. Bartlett, who explains changes to the
7 methodology for calculating the volumes of PSCo generation reserves needed for
8 Regulation and Frequency Response service and Flex Reserves Service, ancillary services
9 under the OATT. The purpose of my testimony is to explain the changes used to identify
10 the PSCo generation units that will provide the necessary capacity to meet the volumes
11 discussed by Mr. Bartlett. Although these services would be provided under the PSCo
12 Tariff, the services are in-fact provided by generation within the PSCo Balancing Authority
13 Area (“BAA”) managed and dispatched by Commercial Operations.

14 **Q. ARE YOU SPONSORING ANY EXHIBITS?**

15 A. Yes. I am sponsoring the following exhibits:

- 16 • Exhibit No. XES-0005: a table of the Equivalent Availability Factor (“EAF”), Net
17 Capacity Factor (“NCF”), and Equivalent Availability Capacity Factor (“EACF”)
18 of each PSCo-owned unit for each year (2017-2019) and the three-year average for
19 EAF, NCF and EACF of the 2017-2019 period;
- 20 • Exhibit No. XES-0006: a table of the Net Capacities (“NC”), Available Capacities
21 (“AC”), Net Capacity Factors (“NCF”), Equivalent Availability Factor (“EAF”),
22 and Ramp Range for each PSCo-owned plant for the three-year average of the
23 2017-2019 period;

- 1 • Confidential Exhibit No. XES-0007: A confidential table of Net Maximum
2 Capacity (“NMC”), Minimum Generating Capability (“Min”), and Ramp Rate for
3 all units. The table includes EAF, NCF, and EACF for non-PSCo owned units;
- 4 • Confidential Exhibit No. XES-0008: A confidential table of NMC, Min Capacity,
5 and Ramp Rate for each plant. The table includes NC, AC, NFC, EAF, and Ramp
6 Range for non-PSCo owned plants;
- 7 • Exhibit No. XES-0009: the ability for each plant to provide each reserve type: Fast-
8 Moving Reserves, Spinning Reserves, Supplemental Reserves, Load Following
9 Reserves, and Flex Reserves;
- 10 • Exhibit No. XES-0010: the calculations by which the AC of each plant was
11 allocated among Fast-Moving Reserves, Spinning Reserves, Supplemental
12 Reserves, Following Reserves, and Flex Reserves;
- 13 • Exhibit No. XES-0011: the final allocations of Regulation Reserves (including
14 Fast-Moving and Load Following) and Flex Reserves to each plant.

15 **II. ALLOCATION OF RESERVES REQUIREMENTS AMONG GENERATION**
16 **CAPACITY**

17 **Q. DOES PSCO PROPOSE A CHANGE TO THE METHODOLOGY FOR**
18 **CALCULATING THE ALLOCATION OF RESERVE REQUIREMENTS AMONG**
19 **GENERATION CAPACITY?**

20 **A.** No. Though, a description of the methodology is reviewed for sake of consistency with
21 prior filings.

22 **Q. IS PSCO PROPOSING ANY CHANGES TO THE FORMULA RATE?**

A. Yes. The rate will be updated using a more recent test period of 2017 to 2019 for units most likely to serve reserves and 2019 for the reserve volumes.

Q. WHY IS PSCO PROPOSING THIS CHANGE?

A. As explained in Mr. Bartlett's testimony, PSCo and others in the BA have added significant volumes of carbon-free wind and solar to our generation portfolio thereby increasing reserves carried. Additionally, PSCo will recover costs based on the current generation portfolio.

Q. HOW DOES PSCO PROPOSE TO DETERMINE THE UNITS AVAILABLE TO PROVIDE RESERVES?

A. The units available during the historic period of 2017-2019 were used. These units include all plants owned by PSCo within the PSCo BAA as well as plants available to PSCo through power purchase agreements ("PPA units").

**Table 1
Resource Pool**

Plant
Alamosa*
Blue Spruce *
Cabin Creek*
Cherokee *
Cherokee CC*
Comanche*
Fort Lupton*
Fruita*
Fort St. Vrain 1-4*
Fort St. Vrain 5-6*
Hayden*
Pawnee*
Rocky Mountain*
Valmont 6*
Manchief ⁺
Brush1/3 ⁺
Brush4D ⁺
Fountain Valley ⁺

Arapahoe ⁺
Plains End ⁺
Spindle Hill ⁺

*PSCo-owned Units

⁺PPA Units

Q. HOW DOES PSCO PROPOSE TO DETERMINE THE DATA FOR THE PPA UNITS?

A. GADS data was provided for all the PPA Units. For the rare case where GADS data was not provided, the available capacity was based on a net maximum capacity weighted pool of similarly operated PSCo-owned plants. The resulting available capacity factor (available capacity divided by net maximum capacity) was multiplied by the PPA plant's net maximum capacity.

Q. HOW DID PSCO DETERMINE WHICH CAPACITY IS AVAILABLE TO PROVIDE RESERVES?

A. As stated before, the methodology for determining which capacity is available to provide reserves is unchanged. Though the supporting working paper has been simplified. To ensure consistency with the prior filing the description of the methodology is as follows. We performed a calculation of each plant's Available Capacity to determine the historic, unloaded capability of each plant to provide reserves. The calculation for determining Available Capacity can be stated as follows:

$$AC(p) = \text{SUM}\{NMC(i) * (EAF(i) - NCF(i))\} \text{ for each } i \text{ that is a subset of } p$$

where

$AC(p)$ = Available Capacity for plant p

$NMC(i)$ = Net Maximum Capability for unit i

$EAF(i)$ = Equivalent Availability Factor for unit i

1 NCF(i) = Net Capacity Factor for unit i

2 The NMC for a unit is equal to its gross maximum capacity less any capacity utilized for
3 its station service or auxiliary load.

4 The EAF is expressed as a percentage and is equal to the unit's total service hours
5 less the unit's planned derated hours, unplanned derated hours, and seasonal derated hours,
6 divided by the hours in the period of the historical review.

7 The NCF is also expressed as a percentage and is equal to the net actual generation
8 of the unit divided by the product of the unit's NMC and the hours in the period of the
9 historical review.

10 To populate these variables, we used PSCo's internal data and data from NERC's
11 GADS system for the years 2017 through 2019. With reference to my exhibits, internal
12 data was used to populate the NMC, Min, and Ramp rate variable for each unit and is
13 shown in Exhibit No. XES-0007. GADS data was used to populate the EAF and NCF
14 variables for each unit as well as the three-year average and is shown in Exhibit No. XES-
15 0005 and XES-0007. Exhibit No. XES-0006 and XES-0008 summarizes the GADS data,
16 showing the total NC, AC, NCF and EAF for each plant for each year of the 2017-2019
17 period.

18 **Q. WHAT IS THE NEXT STEP AFTER DETERMINING THE AVAILABLE**
19 **CAPACITY FOR EACH PLANT?**

20 A. The next step is to allocate the Available Capacity of the resource pool among the reserve
21 products, using an iterative process that allocates capacity capable of providing each
22 reserve service on a pro rata basis to that service. The process begins with the highest
23 quality reserve service and progresses to the lowest quality reserve service. In order of

1 highest to lowest quality, the reserve services are Fast-Moving, Spinning, Supplemental,
2 Following, and Flex Reserves. After each iteration, any amount of a plant's Available
3 Capacity that is allocated to meet a reserve requirement is excluded from further allocation
4 to other reserve products. This prevents double-counting of reserves. The process continues
5 until Available Capacity has been allocated to meet the required reserve amounts. Exhibit
6 No. XES-0007 shows the allocation of Available Capacity to the reserve services.

7 **Q. PLEASE DESCRIBE THE PRO RATA ALLOCATION OF AVAILABLE**
8 **CAPACITY TO FAST-MOVING RESERVES.**

9 A. Fast-Moving Reserves may be provided by online resources that can respond to
10 instantaneous fluctuations in load and VERs. In order to provide this capability, the online
11 resource must be equipped with Automatic Generation Control ("AGC"). As indicated in
12 Column C of Exhibit No. XES-0009, only fifteen of the twenty-one plants in the resource
13 pool are equipped with AGC, creating the subset of plants that are capable of providing
14 Fast-Moving Reserves.

15 The next step is to determine, of the AGC-equipped plants, how much capacity
16 from each can serve Fast-Moving Reserve requirements. Column C of Exhibit No. XES-
17 0010 shows the Available Capacities for each plant. However, it cannot be assumed that a
18 plant can supply its entire Available Capacity to meet Fast-Moving Reserves requirements;
19 the Available Capacity figures represent amounts of unloaded capacity at each plant, but
20 the plant may be limited in reaching the full amount either by its ramp range (i.e., how
21 much additional generation it could provide) or its ramp capacity (i.e., how much additional
22 generation it can provide within ten minutes). Exhibit No. XES-0006 lists each PSCo-

1 owned ramp range and Confidential Exhibit No. XES-0008 lists PPA Units' ramp range.
2 The latter also lists each plant's ramp capacity.

3 For each plant, we selected the smallest amount from among its Available Capacity,
4 ramp range, or ramp capacity values for the allocation and applied the plant's capacity
5 factor to that amount to derive a preliminary amount of Fast-Moving capacity for the plant.
6 The capacity factor is applied as a proxy for amount of time on-line; a necessary condition
7 to serve regulation reserves.

8 Performing this calculation for each AGC-equipped generator and summing the
9 results yields a total of 457.48 MW of Fast-Moving Reserves capacity provided by all of
10 the capable plants. However, only 42.74 MW is needed, as discussed by Mr. Bartlett.
11 Therefore, a pro rata allocation percentage is derived and used to determine each plant's
12 contribution to the 42.74 MW Fast-Moving Reserves requirement. Returning to my
13 example, for Cherokee CC, the pro rata allocation percentage is 20.99% and the resulting
14 final "Allocated Fast-Moving Capacity" is 8.97 MW. The results for all the plants are
15 shown in Exhibit No. XES-0010.

16 **Q. PLEASE DESCRIBE THE PRO RATA ALLOCATION OF AVAILABLE**
17 **CAPACITY TO SPINNING RESERVES.**

18 A. Before allocating capacity to Spinning Reserve, any Fast-Moving Capacity is subtracted
19 from the total Available Capacity. Spinning Reserves may be provided by online resources
20 that are unloaded and capable of providing an amount of reserves within ten minutes. In
21 order to provide Spinning Reserves, plants continue to face constraints in their ramp rates,
22 although the ramp rates for spinning reserve tend to be higher than the ramp rates for Fast-
23 Moving Reserves. Overall, more plants can provide spinning reserve, and, therefore, more

1 plants receive “Allocated Spinning Capacity.” As indicated by Exhibit No. XES-0009, 21
2 of the 21 plants in the resource pool can provide some Spinning Reserves.

3 The calculation of the Allocated Spinning Capacity for each plant capable of
4 providing Spinning Reserves is similar to the calculation of Fast-Moving Reserves. As we
5 did for Fast-Moving Reserves, we selected the smallest amount from among its Available
6 Capacity, Spinning ramp range, or Spinning ramp capacity values for the allocation and
7 applied the plant’s capacity factor to that amount to derive a preliminary amount of
8 Spinning Reserves capacity for the plant. Performing this calculation for each plant and
9 summing the results yields a total of 592.41 MW of Spinning Reserves capacity provided
10 by all of the capable plants. However, only 208 MW is needed. Therefore, a pro rata
11 allocation percentage is derived and used to determine each plant’s contribution to the
12 Spinning Reserves requirement.

13 **Q. PLEASE DESCRIBE THE PRO RATA ALLOCATION OF AVAILABLE**
14 **CAPACITY TO SUPPLEMENTAL RESERVES.**

15 A. Supplemental Reserves may be provided by online resources with spare capacity or offline
16 resources with quick-start capability. On PSCo, Supplemental Reserves are served largely
17 by quick start units that spend the bulk of their time off-line. Thus, the available capacity
18 is not multiplied by the capacity factor nor constrained by ramp ranges. Nevertheless,
19 Supplemental Reserves are still subject to ramp capacity limitations. In other respects, the
20 calculation of the Supplemental Reserve Capacity for each plant capable of providing these
21 reserves is similar to the calculation of the other reserves. We selected the smallest amount
22 from among its Available Capacity and Supplemental ramp range values for the allocation
23 and applied the plant’s capacity factor to that amount to derive a preliminary amount of

Supplemental Reserves capacity for the plant. Performing this calculation for each plant and summing the results yields a total of 671.08 MW of Supplemental Reserves capacity provided by all of the capable plants. However, only 207 MW is needed. Therefore, a pro rata allocation percentage is derived and used to determine each plant's contribution to the Supplemental Reserves requirement.

Q. PLEASE DESCRIBE THE PRO RATA ALLOCATION OF AVAILABLE CAPACITY TO FOLLOWING RESERVES.

A. Following Reserves are served by on-line resources that can be dispatched to a setpoint. The calculation of the Allocated Load Following Capacity for each plant capable of providing Following Reserves is similar to the calculation of Fast-Moving and Spinning Reserves, but with the ramp capacity adjusted to reflect the plant's ability to ramp over a ten-minute schedule. We selected the smallest amount from among its Available Capacity, Following ramp range, or Following ramp capacity values for the allocation and applied the plant's capacity factor to that amount to derive a preliminary amount of Following Capacity for the plant. Performing this calculation for each plant and summing the results yields a total of 521.08 MW of Following Reserves capacity provided by all of the capable plants. However, only 94.71 MW is needed. Therefore, a pro rata allocation percentage is derived and used to determine each plant's contribution to the Following Reserves requirement.

Q. PLEASE DESCRIBE THE PRO RATA ALLOCATION OF AVAILABLE CAPACITY TO FLEX RESERVES.

A. Flex Reserves are resources that are on-line but unloaded, by generation capable of starting in 30 minutes, or interruptible load or other non-generation resources capable of providing

1 capacity within 30 minutes to respond to a Flex Reserve event. These are the final category
2 of reserves involved in the allocation.

3 The calculation of the Allocated Flex Reserve Capacity for each plant capable of
4 providing Following Reserves is similar to the calculation of Supplemental Reserves. We
5 selected the smallest amount from among its Available Capacity or Flex ramp capacity
6 values for the allocation and applied the plant's capacity factor to that amount to derive a
7 preliminary amount of Flex Reserve capacity for the plant. Performing this calculation for
8 each plant and summing the results yields a total of 2523.01 MW of Flex Reserves capacity
9 provided by all of the capable plants. However, only 976.78 MW is needed. Therefore, a
10 pro rata allocation percentage is derived and used to determine each plant's contribution to
11 the Flex Reserves requirement.

12 **Q. WHAT ARE THE FINAL VALUES USED IN THE FORMULA RATE?**

13 There are two reserves charged in the formula rate using this methodology: Regulation
14 Reserves (Schedule 3A) and Flex Reserves (Schedule 16). The former is the sum of Fast-
15 Moving Reserves and Load Following Reserves. Exhibit No. XES-0011 summarizes the
16 allocation of each service to each plant.

17 **Q. ARE THERE ANY FURTHER CHANGES TO THE CALCULATION OF THE**
18 **ALLOCATION OF RESERVE REQUIREMENTS AMONG GENERATION**
19 **CAPACITY IN THE FORMULA?**

20 A. No.

21 **Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?**

22 A. Yes.

**UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION**

Public Service Co. of Colorado


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)
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Docket No. ER21-_____

DECLARATION OF KEITH A. PARKS

I, Keith A. Parks, identified in the foregoing prepared direct testimony, do hereby declare under penalty of perjury, that I prepared or caused such testimony and the exhibits attached thereto to be prepared; that the answers appearing therein are true to the best of my knowledge and belief; and that if asked the questions appearing therein, my answers would, under oath, be the same.

Executed on October 30, 2020.



Keith A. Parks

UNIT NAME	EAF	NCF	EACF	EAF	NCF	EACF	EAF	NCF	EACF	EAF	NCF	EACF
	2017			2018			2019			AVERAGE		
Alamosa 1	88.20	0.10	88.10	88.20	2.67	85.53	88.20	2.35	85.85	88.20	1.71	86.50
Alamosa 2	88.86	0.16	88.70	88.86	3.05	85.81	88.86	2.10	86.75	88.86	1.77	87.09
Blue Spruce 1	93.92	14.02	79.90	93.64	8.35	85.29	90.86	18.31	72.56	92.81	13.56	79.25
Blue Spruce 2	86.38	12.18	74.21	93.90	8.14	85.76	92.35	15.19	77.16	90.88	11.83	79.04
Cabin Creek A	88.44	12.18	76.27	51.00	2.09	48.90	0.00	0.00	0.00	46.48	4.76	41.72
Cabin Creek B	97.26	11.55	85.72	91.08	13.64	77.44	99.60	13.47	86.13	95.98	12.89	83.09
Cherokee 4	86.79	38.40	48.39	90.16	40.17	49.99	74.21	34.74	39.46	83.72	37.77	45.95
Cherokee 5	87.98	61.13	26.85	78.98	52.57	26.41	87.09	59.45	27.64	84.68	57.72	26.97
Cherokee 6	87.99	60.81	27.18	79.25	57.34	21.91	87.63	59.97	27.66	84.96	59.37	25.59
Cherokee 7	88.12	55.73	32.39	77.55	48.63	28.92	87.07	52.83	34.23	84.25	52.40	31.85
Comanche 1	83.78	71.19	12.59	95.69	77.76	17.93	92.02	70.52	21.50	90.50	73.16	17.34
Comanche 2	96.39	82.63	13.77	93.67	75.74	17.93	82.70	61.98	20.73	90.92	73.45	17.47
Comanche 3	80.45	71.89	8.56	91.03	79.46	11.56	85.10	69.65	15.45	85.53	73.67	11.86
Fort Lupton 1	39.82	0.12	39.70	59.28	0.30	58.98	90.66	0.97	89.69	63.25	0.47	62.79
Fort Lupton 2	89.77	0.18	89.59	73.02	0.32	72.70	92.03	0.87	91.16	84.94	0.46	84.48
Fruita	88.86	0.11	88.75	77.99	0.15	77.84	88.86	0.83	88.03	85.23	0.36	84.87
Fort Saint Vrain 1	77.96	34.15	43.81	91.52	49.41	42.10	93.73	53.57	40.16	87.74	45.71	42.03
Fort Saint Vrain 2	87.31	53.22	34.09	92.44	63.41	29.03	87.98	66.16	21.83	89.25	60.93	28.32
Fort Saint Vrain 3	90.84	39.46	51.38	77.25	53.83	23.42	91.13	69.10	22.03	86.41	54.13	32.28
Fort Saint Vrain 4	89.23	51.27	37.96	94.30	65.83	28.46	92.89	70.03	22.86	92.14	62.38	29.76
Fort Saint Vrain 5	88.20	3.27	84.93	93.84	1.89	91.95	87.68	4.05	83.62	89.90	3.07	86.83
Fort Saint Vrain 6	90.96	4.32	86.65	93.36	1.82	91.53	93.42	3.66	89.76	92.58	3.27	89.31
Hayden 1	99.00	75.85	23.15	82.72	65.12	17.60	96.43	71.03	25.40	92.72	70.67	22.05
Hayden 2	87.92	61.41	26.51	93.30	56.75	36.55	98.29	63.48	34.81	93.17	60.55	32.62
Pawnee	95.04	79.59	15.44	97.27	74.14	23.13	76.43	56.74	19.69	89.58	70.16	19.42
Rocky Mountain 1	90.97	43.84	47.13	88.35	55.19	33.16	73.13	47.97	25.16	84.15	49.00	35.15
Rocky Mountain 2	90.38	41.83	48.55	72.57	45.49	27.08	91.43	62.85	28.58	84.79	50.06	34.74
Rocky Mountain 3	92.54	30.23	62.31	81.89	35.31	46.58	82.92	38.31	44.61	85.78	34.62	51.17
Valmont 6	67.15	0.20	66.95	79.48	0.66	78.82	90.80	0.57	90.23	79.14	0.48	78.67

Unit Name	NC	AC	NCF	EAF	Ramp Range
Alamosa	0.61	30.38	0.02	0.87	25.00
Blue Spruce	37.04	231.11	0.13	0.79	155.00
Cabin Creek	28.58	202.20	0.09	0.62	174.00
Cherokee	116.34	141.52	0.38	0.46	128.00
Cherokee CC	336.02	171.48	0.56	0.29	332.00
Comanche	860.24	175.49	0.73	0.15	531.00
Fort Lupton	0.46	73.63	0.00	0.74	80.00
Fruita	0.06	15.28	0.00	0.85	13.00
Fort Saint Vrain CC	382.55	251.94	0.53	0.35	481.00
Fort Saint Vrain CT	10.08	280.07	0.03	0.88	211.00
Hayden	154.99	61.85	0.66	0.26	105.40
Pawnee	354.31	98.08	0.70	0.19	305.00
Rocky Mountain	259.71	263.73	0.42	0.43	446.00
Valmont 6	0.24	40.12	0.00	0.79	33.00

ATTACHMENT C

Unit Name	Fast-Moving	Spinning	Supplemental	Following	Flex
Alamosa	yes	yes	no	yes	yes
Blue Spruce	yes	yes	no	yes	yes
Cabin Creek	yes	yes	yes	yes	yes
Cherokee	no	yes	no	yes	yes
Cherokee CC	yes	yes	no	yes	yes
Comanche	no	yes	no	yes	yes
Fort Lupton	yes	yes	yes	yes	yes
Fruita	no	yes	no	yes	yes
Fort Saint Vrain CC	yes	yes	no	yes	yes
Fort Saint Vrain CT	yes	yes	no	yes	yes
Hayden	no	yes	no	yes	yes
Pawnee	yes	yes	no	yes	yes
Rocky Mountain	yes	yes	no	yes	yes
Valmont 6	yes	yes	no	yes	yes
PPA1	yes	yes	no	yes	yes
PPA2	yes	yes	yes	yes	yes
PPA3	no	yes	no	yes	yes
PPA4	no	yes	no	yes	yes
PPA5	yes	yes	no	yes	yes
PPA6	yes	yes	no	yes	yes
PPA7	yes	yes	yes	yes	yes

Unit Name	Fast-Moving							
	Available Capacity	Ramp Range	Ramp Capacity	AGC Capable?	Capacity Factor	Regulation Capacity	Pro-Rata Allocation	Allocated Regulation Capacity
Alamosa	30.38	25.00	37.00	yes	0.02	0.44	0.00	0.04
Blue Spruce	231.11	155.00	500.00	yes	0.13	19.66	0.04	1.84
Cabin Creek	202.20	174.00	324.00	yes	0.09	15.35	0.03	1.43
Cherokee	141.52	128.00	30.00	no	0.38	0.00	0.00	0.00
Cherokee CC	171.48	332.00	200.00	yes	0.56	96.03	0.21	8.97
Comanche	175.49	531.00	130.00	no	0.73	0.00	0.00	0.00
Fort Lupton	73.63	80.00	160.00	yes	0.00	0.34	0.00	0.03
Fruita	15.28	13.00	20.00	no	0.00	0.00	0.00	0.00
Fort Saint Vrain CC	251.94	481.00	250.00	yes	0.53	133.57	0.29	12.48
Fort Saint Vrain CT	280.07	211.00	320.00	yes	0.03	6.69	0.01	0.62
Hayden	61.85	105.40	80.00	no	0.66	0.00	0.00	0.00
Pawnee	98.08	305.00	40.00	yes	0.70	28.06	0.06	2.62
Rocky Mountain	263.73	446.00	400.00	yes	0.42	111.37	0.24	10.40
Valmont 6	40.12	33.00	90.00	yes	0.00	0.16	0.00	0.01
PPA1	84.41	58.30	50.00	yes	0.20	9.76	0.02	0.91
PPA2	210.62	153.70	420.00	yes	0.04	6.86	0.01	0.64
PPA3	69.62	18.80	30.00	no	0.03	0.00	0.00	0.00
PPA4	121.72	47.13	30.00	no	0.05	0.00	0.00	0.00
PPA5	215.16	112.90	160.00	yes	0.09	10.63	0.02	0.99
PPA6	217.08	114.27	280.00	yes	0.13	14.51	0.03	1.36
PPA7	196.45	90.71	340.00	yes	0.04	4.05	0.01	0.38
Totals								42.74

Reference values from Testimony of Drake T. Bartlett

	Load	Wind	Solar	non-VER	Total
Fast	31.22	5.76	1.33	4.43	42.74
Spinning					208.00
Supplemental					207.00
Following	34.41	58.26	2.04	0.00	94.71
Regulation	65.63	64.02	3.37	4.43	137.45
Flex		976.78			976.78

Unit Name	Spinning							
	Available Capacity	Ramp Range	Ramp Capacity	Spinning Capable?	Capacity Factor	Spinning Capacity	Pro-Rata Allocation	Allocated Spinning Capacity
Alamosa	30.34	25.00	37.00	yes	0.02	0.44	0.00	0.15
Blue Spruce	229.27	155.00	500.00	yes	0.13	19.66	0.03	6.90
Cabin Creek	200.77	174.00	324.00	yes	0.09	15.35	0.03	5.39
Cherokee	141.52	128.00	30.00	yes	0.38	11.33	0.02	3.98
Cherokee CC	162.50	332.00	200.00	yes	0.56	91.01	0.15	31.95
Comanche	175.49	531.00	130.00	yes	0.73	95.50	0.16	33.53
Fort Lupton	73.60	80.00	160.00	yes	0.00	0.34	0.00	0.12
Fruita	15.28	13.00	20.00	yes	0.00	0.05	0.00	0.02
Fort Saint Vrain CC	239.46	481.00	250.00	yes	0.53	127.94	0.22	44.92
Fort Saint Vrain CT	279.45	211.00	320.00	yes	0.03	6.69	0.01	2.35
Hayden	61.85	105.40	80.00	yes	0.66	41.07	0.07	14.42
Pawnee	95.45	305.00	40.00	yes	0.70	28.06	0.05	9.85
Rocky Mountain	253.32	446.00	400.00	yes	0.42	106.98	0.18	37.56
Valmont 6	40.10	33.00	90.00	yes	0.00	0.16	0.00	0.06
PPA1	83.50	58.30	50.00	yes	0.20	9.76	0.02	3.43
PPA2	209.98	153.70	420.00	yes	0.04	6.86	0.01	2.41
PPA3	69.62	18.80	30.00	yes	0.03	0.64	0.00	0.22
PPA4	121.72	47.13	30.00	yes	0.05	1.39	0.00	0.49
PPA5	214.16	112.90	160.00	yes	0.09	10.63	0.02	3.73
PPA6	215.72	114.27	280.00	yes	0.13	14.51	0.02	5.09
PPA7	196.07	90.71	340.00	yes	0.04	4.05	0.01	1.42
Totals								208.00

Unit Name	Supplemental					
	Available Capacity	Ramp Capacity	Supplemental Capable	Supplemental Capacity	Pro-Rata Allocation	Supplemental Capacity
Alamosa	30.19	37.00	no	0.00	0.00	0.00
Blue Spruce	222.37	500.00	no	0.00	0.00	0.00
Cabin Creek	195.38	324.00	yes	195.38	0.29	60.27
Cherokee	137.54	30.00	no	0.00	0.00	0.00
Cherokee CC	130.55	200.00	no	0.00	0.00	0.00
Comanche	141.96	130.00	no	0.00	0.00	0.00
Fort Lupton	73.48	160.00	yes	73.48	0.11	22.67
Fruita	15.26	20.00	no	0.00	0.00	0.00
Fort Saint Vrain CC	194.54	250.00	no	0.00	0.00	0.00
Fort Saint Vrain CT	277.10	320.00	no	0.00	0.00	0.00
Hayden	47.43	80.00	no	0.00	0.00	0.00
Pawnee	85.60	40.00	no	0.00	0.00	0.00
Rocky Mountain	215.76	400.00	no	0.00	0.00	0.00
Valmont 6	40.05	90.00	no	0.00	0.00	0.00
PPA1	80.07	50.00	no	0.00	0.00	0.00
PPA2	207.57	420.00	yes	207.57	0.31	64.03
PPA3	69.39	30.00	no	0.00	0.00	0.00
PPA4	121.24	30.00	no	0.00	0.00	0.00
PPA5	210.43	160.00	no	0.00	0.00	0.00
PPA6	210.63	280.00	no	0.00	0.00	0.00
PPA7	194.65	340.00	yes	194.65	0.29	60.04
Totals						207.00

Unit Name	Load Following							
	Available Capacity	Ramp Range	Ramp Capacity	Load Following Capable?	Capacity Factor	Load Following Capacity	Pro-Rata Allocation	Allocated Load Following Capacity
Alamosa	30.19	25.00	37.00	yes	0.02	0.44	0.00	0.08
Blue Spruce	222.37	155.00	500.00	yes	0.13	19.66	0.04	3.57
Cabin Creek	135.11	174.00	324.00	yes	0.09	11.92	0.02	2.17
Cherokee	137.54	128.00	30.00	yes	0.38	11.33	0.02	2.06
Cherokee CC	130.55	332.00	200.00	yes	0.56	73.11	0.14	13.29
Comanche	141.96	531.00	130.00	yes	0.73	95.50	0.18	17.36
Fort Lupton	50.82	80.00	160.00	yes	0.00	0.23	0.00	0.04
Fruita	15.26	13.00	20.00	yes	0.00	0.05	0.00	0.01
Fort Saint Vrain CC	194.54	481.00	250.00	yes	0.53	103.94	0.20	18.89
Fort Saint Vrain CT	277.10	211.00	320.00	yes	0.03	6.69	0.01	1.22
Hayden	47.43	105.40	80.00	yes	0.66	31.50	0.06	5.72
Pawnee	85.60	305.00	40.00	yes	0.70	28.06	0.05	5.10
Rocky Mountain	215.76	446.00	400.00	yes	0.42	91.12	0.17	16.56
Valmont 6	40.05	33.00	90.00	yes	0.00	0.16	0.00	0.03
PPA1	80.07	58.30	50.00	yes	0.20	9.76	0.02	1.77
PPA2	143.54	153.70	420.00	yes	0.04	6.41	0.01	1.16
PPA3	69.39	18.80	30.00	yes	0.03	0.64	0.00	0.12
PPA4	121.24	47.13	30.00	yes	0.05	1.39	0.00	0.25
PPA5	210.43	112.90	160.00	yes	0.09	10.63	0.02	1.93
PPA6	210.63	114.27	280.00	yes	0.13	14.51	0.03	2.64
PPA7	134.61	90.71	340.00	yes	0.04	4.05	0.01	0.74
Totals								94.71

Unit Name	Flex				
	Available Capacity	Ramp Capacity	Flex Capacity	Pro-Rata Allocation	Allocated Flex Capacity
Alamosa	30.11	111.00	30.11	0.01	11.66
Blue Spruce	218.79	1500.00	218.79	0.09	84.71
Cabin Creek	132.95	972.00	132.95	0.05	51.47
Cherokee	135.48	90.00	90.00	0.04	34.84
Cherokee CC	117.26	600.00	117.26	0.05	45.40
Comanche	124.61	390.00	124.61	0.05	48.24
Fort Lupton	50.77	480.00	50.77	0.02	19.66
Fruita	15.25	60.00	15.25	0.01	5.90
Fort Saint Vrain CC	175.65	750.00	175.65	0.07	68.00
Fort Saint Vrain CT	275.89	960.00	275.89	0.11	106.81
Hayden	41.70	240.00	41.70	0.02	16.15
Pawnee	80.50	120.00	80.50	0.03	31.17
Rocky Mountain	199.20	1200.00	199.20	0.08	77.12
Valmont 6	40.02	270.00	40.02	0.02	15.49
PPA1	78.29	150.00	78.29	0.03	30.31
PPA2	142.38	1260.00	142.38	0.06	55.12
PPA3	69.28	90.00	69.28	0.03	26.82
PPA4	120.98	90.00	90.00	0.04	34.84
PPA5	208.50	480.00	208.50	0.08	80.72
PPA6	207.99	840.00	207.99	0.08	80.52
PPA7	133.87	1020.00	133.87	0.05	51.83
Totals					976.78

Unit Name	CAPACITY (MW)	
	Regulation*	Flex
Alamosa	0.12	11.66
Blue Spruce	5.41	84.71
Cabin Creek	3.60	51.47
Cherokee	2.06	34.84
Cherokee CC	22.26	45.40
Comanche	17.36	48.24
Fort Lupton	0.07	19.66
Fruita	0.01	5.90
Fort Saint Vrain CC	31.37	68.00
Fort Saint Vrain CT	1.84	106.81
Hayden	5.72	16.15
Pawnee	7.72	31.17
Rocky Mountain	26.97	77.12
Valmont 6	0.04	15.49
PPA1	2.69	30.31
PPA2	1.81	55.12
PPA3	0.12	26.82
PPA4	0.25	34.84
PPA5	2.93	80.72
PPA6	3.99	80.52
PPA7	1.11	51.83
	137.45	976.78

Unit Name	CAPACITY (%)	
	Regulation	Flex
Alamosa	0.1%	1.2%
Blue Spruce	3.9%	8.7%
Cabin Creek	2.6%	5.3%
Cherokee	1.5%	3.6%
Cherokee CC	16.2%	4.6%
Comanche	12.6%	4.9%
Fort Lupton	0.1%	2.0%
Fruita	0.0%	0.6%
Fort Saint Vrain CC	22.8%	7.0%
Fort Saint Vrain CT	1.3%	10.9%
Hayden	4.2%	1.7%
Pawnee	5.6%	3.2%
Rocky Mountain	19.6%	7.9%
Valmont 6	0.0%	1.6%
PPA1	2.0%	3.1%
PPA2	1.3%	5.6%
PPA3	0.1%	2.7%
PPA4	0.2%	3.6%
PPA5	2.1%	8.3%
PPA6	2.9%	8.2%
PPA7	0.8%	5.3%
	100.0%	100.0%

*Regulation is the sum of Fast-Moving and Load Following Reserves

ATTACHMENT D

October 30, 2020

DIRECT TESTIMONY OF KOURTNI M. YAGER

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**EXHIBITS TO
DIRECT TESTIMONY OF KOURTNI M. YAGER**

<u>Exhibit No.</u>	<u>Description</u>
XES-0013	Clean Tariff Records
XES-0014	Marked Tariff Records
XES-0015	Roadmap of Changes to Formula Rate Template
XES-0016	Blank Template Populated with Proposed Changes
XES-0017	Impact to Ancillary Service Customers (BGBH)

1 **I. INTRODUCTION AND EXPERIENCE**

2 **Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

3 A. My name is Kourtni M. Yager. My business address is 1800 Larimer Street, Denver,
4 Colorado 80202.

5 **Q. BY WHOM ARE YOU EMPLOYED AND WHAT IS YOUR POSITION?**

6 A. I am employed by Xcel Energy Services Inc. (“XES”), the centralized service company
7 subsidiary of Xcel Energy Inc. (“Xcel Energy”), as Principal Rate Analyst of Revenue
8 Analysis.

9 **Q. PLEASE DESCRIBE XCEL ENERGY.**

10 A. Xcel Energy is a public utility holding company with, among other subsidiaries, four
11 wholly owned, vertically integrated public utility operating company subsidiaries: Public
12 Service Company of Colorado (“PSCo” or the “Company”), Northern States Power
13 Company, a Minnesota corporation (“NSPM”), Northern States Power Company, a
14 Wisconsin corporation (“NSPW”), and Southwestern Public Service Company (“SPS”)
15 (together, the “Xcel Energy Operating Companies”).

16 **Q. ON WHOSE BEHALF ARE YOU TESTIFYING?**

17 A. I am testifying on behalf of PSCo.

18 **Q. PLEASE DESCRIBE YOUR EDUCATIONAL BACKGROUND AND**
19 **PROFESSIONAL EXPERIENCE.**

20 A. I graduated from the University of South Carolina in 2006 with a Bachelor of Science
21 degree in Accounting and Finance, and from Virginia Polytechnic Institute and State
22 University in 2007 with a Masters in Accounting and Information Systems.

23 I have worked in the utility industry for 8 years in progressively more responsible
24 financial roles. In my current position as Principal Rate Analyst in the Revenue Analysis

1 department, I am responsible for developing revenue requirements models to support
2 both retail and wholesale rates charged by PSCo.

3 Prior to working in the utility industry, I held positions in accounting and
4 consulting. I am a Certified Public Accountant, registered in the state of North Carolina.

5 **Q. WHAT ARE YOUR DUTIES IN YOUR CURRENT POSITION?**

6 A. I provide technical expertise for jurisdictional cost of service studies, revenue
7 requirement determinations, formula rate administration, and related projects for the Xcel
8 Energy Operating Companies, with a focus on PSCo. My responsibilities include
9 developing revenue requirements models and preparing and analyzing the revenue
10 requirements that support both PSCo retail rates in Colorado and the wholesale formula
11 rates on file with the Federal Energy Regulatory Commission (“FERC” or
12 “Commission”).

13 **Q. HAVE YOU PREVIOUSLY SUBMITTED TESTIMONY BEFORE THE**
14 **FEDERAL ENERGY REGULATORY COMMISSION OR ANY OTHER**
15 **REGULATORY COMMISSION?**

16 A. Yes, I have submitted testimony before the Commission in Docket Nos. ER19-2077 and
17 ER19-2084. I have also supported the preparation of pre-filed testimony submitted by
18 other witnesses within the Revenue Analysis department.

19 **Q. WERE YOUR TESTIMONY AND EXHIBITS PREPARED BY YOU OR UNDER**
20 **YOUR DIRECT SUPERVISION?**

21 A. Yes.

22 II. PURPOSE OF TESTIMONY

23 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THIS PROCEEDING?**

1 A. The purpose of my testimony is to support PSCo's revisions to Attachment O-PSCo to
2 the Xcel Energy Operating Companies Open Access Transmission Tariff ("Xcel Energy
3 Tariff" or "Tariff"). Attachment O-PSCo is a transmission formula rate template (the
4 "Template" or "Formula Rate Template") used to calculate the rates applicable to PSCo's
5 wholesale transmission service and ancillary services customers. As part of this filing,
6 PSCo is submitting revisions specific to rates calculated for Ancillary Service Schedules
7 3, 3A, and 16. I refer to these revisions as the "Revised Rates." In my testimony:

- 8 • I provide an overview of PSCo;
- 9 • I explain PSCo's changes to the Formula Rate Template. The Revised
10 Rates reflect updates to PSCo's operating processes for providing
11 ancillary services under Schedules 3, 3A, and 16; and
- 12 • I discuss the estimated cost impact of the Revised Rates on PSCo's
13 Wholesale Transmission Service Customer class.

14 **Q. ARE YOU SPONSORING ANY EXHIBITS?**

15 A. Yes. I am sponsoring the following exhibits which are attached to my testimony:

- 16 • Exhibit No. XES-0013: the clean tariff pages in eTariff format;
- 17 • Exhibit No. XES-0014: the marked (redlined) tariff pages in eTariff format;
- 18 • Exhibit No. XES-0015: Roadmap of Changes to Formula Rate Template;
- 19 • Exhibit No. XES-0016: Blank Template Populated with Proposed Changes; and
- 20 • Exhibit No. XES-0017: Impact to Ancillary Service Customers (BGBH).

21 **III. OVERVIEW OF PSCO'S FILING**

22 **A. OVERVIEW OF PSCo**

1 **Q. PLEASE DESCRIBE PSCo.**

2 A. PSCo is a wholly-owned utility operating company subsidiary of Xcel Energy Inc. (“Xcel
3 Energy”), a public utility holding company. PSCo is an integrated electric utility that,
4 *inter alia*, generates, transmits, distributes, and sells electric energy at cost-based
5 regulated rates to approximately 1.5 million retail customers in the State of Colorado
6 subject to the regulatory authority of the CoPUC, and cost-based wholesale production
7 services to six customers. PSCo also provides cost-based retail natural gas service to
8 approximately 1.4 million customers in Colorado, and steam service to approximately
9 120 customers in Denver, Colorado, also subject to the jurisdiction of the CoPUC.

10 PSCo provides wholesale transmission service at cost-based rates to customers
11 under the Xcel Energy Operating Companies Open Access Transmission Tariff (“Xcel
12 Energy Tariff”). Wholesale customers comprise approximately eighteen (18) percent of
13 the transmission loads on the PSCo system.

14 **B. PSCo’s FILING**

15 **Q. PLEASE DESCRIBE THE CURRENTLY EFFECTIVE PSCo FORMULA RATE**
16 **TEMPLATE.**

17 A. The PSCo Formula Rate Template is a transmission formula rate. The Formula Rate
18 Template is on file with the Commission as Attachment O-PSCo to the Xcel Energy
19 Tariff. The Attachment O-PSCo Formula Rate Template was added to the Xcel Energy
20 Tariff in Docket No. ER12-1589-000 *et al.* In addition to the formula calculations
21 themselves, Appendix 1 to Attachment O-PSCo is a set of Annual Formula Rate
22 Implementation Procedures (the “Protocols”).

1 PSCo calculates its ATRR and Ancillary Service Rates pursuant to the formulae
2 set forth in the Template. The annual transmission revenue requirements are used to
3 calculate rates for Scheduling System Control and Dispatch Service provided under
4 Schedule 1, Firm and Non-Firm Point-to-Point Transmission Service provided under
5 Schedules 7 and 8, and Network Integration Transmission Service (“NITS”) provided
6 under Schedule 13 of the Tariff. For the ATRR, PSCo employs a forward-looking
7 Template, whereby the ATRR is projected under the Template each year using estimated
8 costs and loads. The ATRR projections are then subject to an annual true-up (“Annual
9 True-up”) based on actual costs and loads when actual data becomes available.

10 The Ancillary Service Rate Schedules (“Ancillary Rates”) are used to calculate
11 rates for Reactive Supply and Voltage Control From Generation Source Services
12 provided under Schedule 2, Regulation and Frequency Response Service provided under
13 Schedules 3 and 3A, Operating Reserve - Spinning Reserve Service provided under
14 Schedule 5, Operating Reserve - Supplemental Reserve Service provided under Schedule
15 6, and Flex Reserves service provided under Schedule 16. Ancillary Rates are updated
16 annually based on prior year actuals filed in the FERC Form 1 and are not subject to true-
17 up in subsequent years.

18 In addition to postings on OASIS, customer meetings, discovery and potential
19 informal and formal challenge processes under the Protocols, PSCo submits an annual
20 informational filing with the Commission with the Estimated Rates for the upcoming
21 Rate Year and the Actual rates for the prior Rate Year. The 2019 and the 2020 annual
22 informational filings were submitted in Docket No. ER12-1589-000 on January 14, 2019
23 and January 10, 2020, respectively.

1 **Q. PLEASE SUMMARIZE THE CHANGES TO THE FORMULA RATE**
2 **TEMPLATE PSCO IS SUBMITTING IN THIS FILING.**

3 A. In this proceeding, PSCo is submitting a Revised Template containing changes to
4 Ancillary Service Schedules 3 and 3a, Schedule 16, and the working papers supporting
5 these schedules. Primarily, the changes reflect an update to the mix of generating
6 facilities and purchased power agreements (“PPAs”) that provide Schedules 3, 3A and 16
7 services, an update to the amount of reserve volumes required to provide Schedules 3 and
8 3A service, a clarification of the type of Schedules 3 and 3A contributing resource from
9 the current generic category of variable energy resource (“VER”) to a more specific
10 breakout between Wind and Solar variable energy resources, and finally, an update to the
11 amount of Schedule 16 Flex Reserve Service requirements.

12 **Q. HAVE YOU QUANTIFIED THE IMPACT OF THE REVISED TEMPLATE ON**
13 **PSCO’S WHOLESALE TRANSMISSION SERVICE CUSTOMERS?**

14 A. Yes. I present the annual customer impact in Exhibit No. XES-0017, which is attached to
15 my testimony. In Section VI of my testimony, I discuss my calculations of the annual
16 customer impact presented in Exhibit No. XES-0017.

17 **Q. ARE THERE ANY ADDITIONAL CHANGES TO THE TEMPLATE BEING**
18 **PROPOSED?**

19 A. Yes. To support the changes proposed in this filing, PSCo performed an extensive review
20 of the working papers that support the calculation of Schedules 3, 3A, and 16 Rates.
21 PSCo identified the need to update the footnote language to more accurately FERC Form
22 1 references, and to remove a working paper no longer used in the calculation of

Ancillary Service Rates. These changes are ministerial in nature and do not affect the calculation of Ancillary Service Rates.

C. CHANGES TO THE TEMPLATE

Q. PLEASE DESCRIBE THE REVISIONS TO THE TEMPLATE.

A. Four types of changes are being proposed. These changes are described in detail in Exhibit XES-0015, which is a roadmap of the proposed changes. The first change is to update the reserve requirements for Schedules 3, 3A, and 16. To update these requirements, PSCo is proposing to update the Required Capacity and Divisor volumes on Schedules 3 and 3A (Table 29, Lines 28 and 29) and the Required Capacity volume on Schedule 16 (Table 35, Line 27). These volumes are fixed and were established in Docket ER14-1969; they cannot change without a Section 205 or 206 Filing. The updated values are described in detail in the Testimony of Mr. Bartlett.

The second change is to clarify Schedule 3 and 3A reserve requirements from generic “Variable Energy Resource” reserves, to more specific sources of Wind and Solar Variable Energy Resource reserves. This change is reflected in Table 29, Lines 27-39, and is described in detail in the Testimony of Mr. Bartlett.

The third change is to update the mix of generating sources and PPAs (“units”) providing Schedule 3, 3A, and 16 ancillary services. This update includes both a change to the actual units providing service and the contribution amounts of each unit to the total ancillary service requirement. To reflect this update, Schedules 3, 3A, and 16 and supporting work papers were updated with the new mix of units and their contribution ratios. Tables 29, 35, 36, 37, and 38 were updated in this manner.

Finally, the fourth group of changes is ministerial in nature, only affects tariff

records relevant to this filing, and includes the following:

- Updating the Est. Rates tab (Table 2)
 - Lines 44-45, to reflect the breakout of “VER” to Wind VER and Solar VER
 - Lines 45-53, 79-87, to correct references to supporting Schedules
 - Footnote 3, to correct an inaccurate description
- Updating WP_F-1 (Table 23) to reflect the breakout of “VER” to Wind VER and Solar VER
- Updating line references and a footnote reference on Schedule 3A (Table 29, Lines 29 and 30)
- Removal of WP_Load Factor (Table 34), which is not used in the calculation of any Ancillary Service Rate. The work paper should have been removed in Docket ER14-1969, in which Schedule 3 was updated to Schedule 3 and 3A.
- Updating WP_Installed Cost (Table 36) footnotes to clarify source data references and to remove reference to the Craig generating unit, which is retired and no longer provides ancillary services
- Updating WP_O&M Cost (Table 37) to clarify source data references and to remove reference to the Craig generating unit, which is retired and no longer provides ancillary services
- Updating WP_Reactive Cost (Table 38) to clarify a source data reference

D. IMPACT OF TEMPLATE CHANGES ON PSCO’S ANCILLARY SERVICES CUSTOMERS

1 **Q. HAVE YOU CALCULATED THE IMPACT OF THE TEMPLATE CHANGES**
2 **ON ANCILLARY SERVICES CUSTOMERS?**

3 A. Yes. Using the 2021 Estimated Schedules 3, 3A, and 16 rates, I quantified the impact of
4 PSCo's revisions on PSCo's wholesale transmission customers based on actual 2019
5 volumes.

6 **Q. WHAT IS THE DOLLAR IMPACT ON PSCO'S ANCILLARY SERVICES**
7 **CUSTOMERS?**

8 A. PSCo estimates that Schedule 3 customers will pay approximately 32 percent lower rates,
9 or an estimated impact of (\$718K). Schedule 3 – Non-VER customers will be
10 approximately 75 percent lower rates, or an estimated impact of (\$297K). Schedule 3 –
11 Wind customers will pay approximately 12 percent lower rates, or an estimated impact of
12 (\$52K). Schedule 3 – Solar customers will pay approximately 52 percent lower rates, or
13 an estimated impact of (\$114K), and Schedule 16 customers will pay approximately 70
14 percent higher rates, or an estimated impact of \$1.8M. The total net impact is an increase
15 in Schedules 3 and 16 rates of 11 percent or \$618K. There are currently no customers
16 taking Schedule 3A service; therefore no impact was attributed to this rate. The
17 calculations to derive these impacts are presented in detail in Exhibit No. XES-0017.

18 **IV. CONCLUSION**

19 **Q. PLEASE SUMMARIZE YOUR RECOMMENDATIONS.**

20 A. I recommend that the Commission accept PSCo's revisions to the Attachment O-PSCo
21 Formula Rate Template discussed in my testimony, effective on January 1, 2021. Each
22 of these changes is just and reasonable because it improves the accuracy of how the

1 Template measures PSCo's cost of providing Schedules 3, 3A and 16 Ancillary Services.
2 Assuming the Commission accepts the changes, PSCo will recalculate the 2021
3 Estimated Rates to reflect the revisions, since these values will not be trued-up in future
4 years.

5 **Q. DOES THIS CONCLUDE YOUR PRE-FILED DIRECT TESTIMONY?**

6 **A. Yes.**

**UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION**

Public Service Co. of Colorado

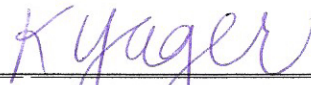
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Docket No. ER21-_____

DECLARATION OF KOURTNI M. YAGER

I, Kourtني M. Yager, identified in the foregoing prepared direct testimony, do hereby declare under penalty of perjury, that I prepared or caused such testimony and the exhibits attached thereto to be prepared; that the answers appearing therein are true to the best of my knowledge and belief; and that if asked the questions appearing therein, my answers would, under oath, be the same.

Executed on October 30, 2020.



Kourtني M. Yager

Tab	Table	Line Reference	Change/Outstanding Question
Estimated Rates	2	Line 45	Update Schedule 3 and 3A reference to include "Nameplate Capacity"
		Lines 45-53	Add Wind and Solar VER rates to Schedules 3 and 3A
		Lines 45-53	Update to reflect updated line numbering
		Line 79	Update Schedule 16 reference to reflect "Reserve Obligation"
		Lines 79-87	Update to reflect updated line numbering
		Note 3	Ministerial change. Update to reflect correct Foonote, which should have been modified in a previous filing.
WP_F-1	23	Header	Add columns to add Schedule 3A, Wind and Solar, and related column references
Schedule 3 and 3A	29	Lines 1 - 21	Update Plant/Type and Contribution Ratio
		Line 27	Remove VER rate, and replace with breakout between Wind and Solar VER rates.
		Lines 28-30	Update and/or add calculations to reflect current Required Capacity, Divisor, and Reserve Obligation figures
WP_Load Factor	34	All	Remove table; no longer in use to calculate Schedule 3 rate
Schedule 16	35	Lines 1 - 21	Update Plant/Type and Contribution Ratio
		Line 27	Update Required Capacity
WP_Installed Cost	36	Lines 1-21	Update Plants
		Footnote 1	Ministerial update to add reference to FF1 Pages 326 (purchased power data)
		Footnote 3	Ministerial update regarding purchased power agreements, to remove reference to FERC Form 1 and add reference to Section 205/206 filing.
		Footnote 4	Ministerial update to combine with Notes 3 and 5.
		Footnote 5	Ministerial update to add reference to calculation of Production Investment. Update as Footnote 4.
		Footnote 6	Remove, as Craig is retired and no longer provides Ancillary Services.
WP_O&M Cost	37	Lines 1 - 21	Update Plants
		Footnote 1	Ministerial update to reference WP_Installed Cost, which includes detailed source references
		Footnote 2	Ministerial update to remove, as Footnote 1 now includes this information
		Footnotes 3-10	Ministerial update Footnote numbering.
		Footnote 11	Remove, as Craig is retired and no longer provides Ancillary Services.
WP_Reactive Cost	38	Header	Ministerial to update line number reference to reactive power revenue requirement, on line 23.
		Lines 1 - 21	Update Plants
		Footnote 1	Ministerial update to reference WP_Installed Cost, which includes detailed source references

**Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021**

**Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021**

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Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Summary of Estimated Rates

Table 2
Est. Rates

Line No.	Description	Reference	Transmission	
			Amount	
	Col. (1)	Col. (2)	Col. (3)	
1	Revenue Requirement	ATRR Est. Line 138	#DIV/0!	
2				
3	Prior Period Correction True up Adjustment	WP_A-2 Line 52	-	
4	Interest on Prior Period Correction True Up Adjustment	WP_A-2 Line 53	-	
5				
6	Estimated Revenue Requirement with True Up	Sum Lines 1 through 4	#DIV/0!	
7				
8	Divisor			
9	Transmission Network Load	WP_I-1 Line 15, Col. (g)	-	
10				
11	Rates			
12	Annual Cost (\$/kW-Yr)	Line 6 / Line 9	\$	- /kW-year
13				
14	Network & Point-to-Point Rate (\$/kW-Mo)	Line 12 / 12	\$	- /kW-month
15				
16	Weekly P-To-P Rate	Line 12 / 52	\$	- /kW-week
17	Daily P-To-P Rate (Capped at weekly rate)	Line 16 / 6	\$	- /kW-day
18	On Peak Hourly P-To-P Rate (Capped at weekly & daily rate)	(Line 17 / 16) X 1,000	\$	- /MWh
19	Off Peak Hourly P-To-P Rate	((Line 16 / 7) / 24) X 1,000	\$	- /MWh
20				
21	FERC Annual Charge	(Note 1)	\$	- /MWh
22				
23				
24	Ancillary Service Rates (2)			
25				
26	Schedule 1- Scheduling, System Control and Dispatch			
27	Monthly Point-to-Point Delivery	Schedule 1 Line 18	\$	- /kW-month
28	Weekly Point-to-Point Delivery	Schedule 1 Line 19	\$	- /kW-week
29	Daily Point-to-Point Delivery	Schedule 1 Line 20	\$	- /kW-day
30	Hourly Point-to-Point Delivery	Schedule 1 Line 21	\$	- /MWh
31	Network Integration Delivery	Schedule 1 Line 18	\$	- /kW-month
32	Ancillary Service Delivery	Schedule 1 Line 18	\$	- /kW-month
33				
34	Schedule 2- Reactive Supply and Voltage Control From Generation Sources Service			
35	Monthly Point-to-Point Delivery	Schedule 2 Line 24	\$	0.3440 /kW-month
36	Weekly Point-to-Point Delivery	Schedule 2 Line 25	\$	0.0790 /kW-week
37	Daily Point-to-Point Delivery	Schedule 2 Line 26	\$	0.0130 /kW-day
38	Daily Point-to-Point Delivery off Peak	Schedule 2 Line 27	\$	0.0110 /kW-day
39	Hourly Point-to-Point Delivery	Schedule 2 Line 28	\$	0.8130 /MWh
40	Hourly Point-to-Point Delivery off Peak	Schedule 2 Line 29	\$	0.4580 /MWh
41	Network Integration Delivery	Schedule 2 Line 24	\$	0.3440 /kW-month
42	Ancillary Service Delivery	Schedule 2 Line 24	\$	0.3440 /kW-month
43				
44	Schedule 3 and 3A- Regulation and Frequency Response Service		Load	Non-VER
	Reserved Capacity Factor applicable to network load, reserved capacity, or nameplate capacity			Wind
45	Monthly Point-to-Point Delivery	Schedule 3 and 3A Line 30	0.96%	1.10%
46	Weekly Point-to-Point Delivery	Schedule 3 and 3A Line 32	\$ 6.703	\$ 6.703
47	Daily Point-to-Point Delivery	Schedule 3 and 3A Line 33	\$ 1.547	\$ 1.547
48	Daily Point-to-Point Delivery on Peak	Schedule 3 and 3A Line 34	\$ 257.817	\$ 257.817
49	Daily Point-to-Point Delivery off Peak	Schedule 3 and 3A Line 35	\$ 220.986	\$ 220.986
50	Hourly Point-to-Point Delivery on Peak	Schedule 3 and 3A Line 36	\$ 16.114	\$ 16.114
51	Hourly Point-to-Point Delivery off Peak	Schedule 3 and 3A Line 37	\$ 9.208	\$ 9.208
52	Network Integration Delivery	Schedule 3 and 3A Line 38	\$ 6.703	\$ 6.703
53	Ancillary Service Delivery	Schedule 3 and 3A Line 39	\$ 6.703	\$ 6.703
54				
55	Schedule 5- Operating Reserve- Spinning Reserve Service			
	Reserved Capacity Factor applicable to network load or reserved capacity	Note 3	3.50%	x monthly Load
57	Monthly Point-to-Point Delivery	Schedule 5 Line 22	#DIV/0!	/kW-month
58	Weekly Point-to-Point Delivery	Schedule 5 Line 23	#DIV/0!	/kW-week
59	Daily Point-to-Point Delivery	Schedule 5 Line 24	#DIV/0!	/kW-day
60	Daily Point-to-Point Delivery off Peak	Schedule 5 Line 25	#DIV/0!	/kW-day
61	Hourly Point-to-Point Delivery on Peak	Schedule 5 Line 26	#DIV/0!	/MWh
62	Hourly Point-to-Point Delivery off Peak	Schedule 5 Line 27	#DIV/0!	/MWh
63	Network Integration Delivery	Schedule 5 Line 22	#DIV/0!	/kW-month
64	Ancillary Service Delivery	Schedule 5 Line 22	#DIV/0!	/kW-month
65				
66	Schedule 6 - Operating Reserve - Supplemental Reserve Service			
	Reserved Capacity Factor applicable to network load or reserved capacity	Note 3	3.50%	x monthly Load
68	Monthly Point-to-Point Delivery	Schedule 6 Line 22	#DIV/0!	/kW-month
69	Weekly Point-to-Point Delivery	Schedule 6 Line 23	#DIV/0!	/kW-week
70	Daily Point-to-Point Delivery	Schedule 6 Line 24	#DIV/0!	/kW-day
71	Daily Point-to-Point Delivery off Peak	Schedule 6 Line 25	#DIV/0!	/kW-day
72	Hourly Point-to-Point Delivery on Peak	Schedule 6 Line 26	#DIV/0!	/MWh
73	Hourly Point-to-Point Delivery off Peak	Schedule 6 Line 27	#DIV/0!	/MWh
74	Network Integration Delivery	Schedule 6 Line 22	#DIV/0!	/kW-month
75	Ancillary Service Delivery	Schedule 6 Line 22	#DIV/0!	/kW-month
76				
77	Schedule 16 - Flex Reserve			
	Reserve Obligation	Schedule 16 Line 29	23.86%	x monthly Load
79	Monthly Point-to-Point Delivery	Schedule 16 Line 31	\$ 6.312	/kW-month
80	Weekly Point-to-Point Delivery	Schedule 16 Line 32	\$ 1.457	/kW-week
81	Daily Point-to-Point Delivery	Schedule 16 Line 33	\$ 242.756	/kW-day
82	Daily Point-to-Point Delivery off Peak	Schedule 16 Line 34	\$ 208.077	/kW-day
83	Hourly Point-to-Point Delivery on Peak	Schedule 16 Line 35	\$ 15.172	/MWh
84	Hourly Point-to-Point Delivery off Peak	Schedule 16 Line 36	\$ 8.670	/MWh
85	Network Integration Delivery	Schedule 16 Line 37	\$ 6.312	/kW-month
86	Ancillary Service Delivery	Schedule 16 Line 38	\$ 6.312	/kW-month
87				

Note 1. The FERC's annual charge per MWh is established by the Commission annually, and is assessed to the Transmission Owner, and is passed through to the Transmission Customers.

Note 2. Ancillary Service Schedules 2, 3, 5, 6 will be based on actual data from the latest FERC Form No. 1. These schedules will be updated annually with the Annual Update but will not be subject to the True-up provision. Ancillary Service Schedule 1 will be updated annually, will be based on forecast data and will be subject to the True-up provision.

Note 3. Fixed value that cannot change without a Section 205 or 206 filing.

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Actual Rates and True-up

Table 3
Actual Rates

Line No.	Description	Reference	Actual Rates	Estimated Rates	Difference (True-up) (Note 1)
	Col. (1)	Col. (2)	Col. (3)	Col. (4)	Col. (5) = (3) - (4)
1	Revenue Requirement	ATRR Act & Est. Line 138	\$ -	#DIV/0!	\$ -
2					
3	Divisor				
4	Transmission Network Load	WP_I-1 Line 15	-	-	-
5					
6	Rates				
7	Annual Cost (\$/kW-Yr)	Line 1 / Line 4	\$ -	\$ -	\$ - /kW-year
8					
9	Network & Point-to-Point Rate (\$/kW-Mo)	Line 7 / 12	\$ -	\$ -	\$ - /kW-month
10					
11	Weekly P-To-P Rate	Line 7 / 52	\$ -	\$ -	\$ - /kW-week
12	Daily P-To-P Rate (Capped at weekly rate)	Line 11 / 6	\$ -	\$ -	\$ - /kW-day
	On Peak Hourly P-To-P Rate (Capped at				
13	weekly & daily rate)	(Line 12 / 16) X 1,000	\$ -	\$ -	\$ - /MWh
14	Off Peak Hourly P-To-P Rate	((Line 11 / 7) / 24) X 1,000	\$ -	\$ -	\$ - /MWh
15					
16					
17	Ancillary Service Rates (Note 2)				
18					
19	Schedule 1- Scheduling, System Control and Dispatch				
20	Monthly Point-to-Point Delivery	Schedule 1 Line 41 & 18	\$ -	\$ -	\$ - /kW-month
21	Weekly Point-to-Point Delivery	Schedule 1 Line 42 & 19	\$ -	\$ -	\$ - /kW-week
22	Daily Point-to-Point Delivery	Schedule 1 Line 43 & 20	\$ -	\$ -	\$ - /kW-day
23	Hourly Point-to-Point Delivery	Schedule 1 Line 44 & 21	\$ -	\$ -	\$ - /MWh
24	Network Integration Delivery	Schedule 1 Line 41 & 18	\$ -	\$ -	\$ - /kW-month
25	Ancillary Service Delivery	Schedule 1 Line 41 & 18	\$ -	\$ -	\$ - /kW-month

Note 1. The True-up calculations will include interest pursuant to Section 35.19a of the FERC's regulations. Interest will be calculated from the beginning of the Rate year to the date the refunds or surcharges are billed.

Note 2. Ancillary Service Schedule 1 is the only Ancillary Services rate that is subject to true up.

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Annual Transmission Revenue Requirements- Estimated

Table 4
ATRR Est.

Line No.	RATE BASE & RETURN CALCULATION	Reference/Notes	Total	Allocator (Note O)	Transmission
	Col. (1)	Col. (2)	Col. (3)	Col. (4)	Col. (5)
1	GROSS PLANT IN SERVICE	(Note A)			
2	Production	WP_B-1 Col. (d), Line 2	-	NA	0.00%
3	Transmission	WP_B-1 Col. (d), Line 3	-	DA	100.00%
4	Distribution	WP_B-1 Col. (d), Line 4	-	NA	0.00%
5	General Plant	WP_B-1 Col. (d), Line 5	-	W/S	#DIV/0!
6	Intangible Plant	WP_B-1 Col. (d), Line 6	-	W/S	#DIV/0!
7	Common Intangible	WP_B-1 Col. (d), Line 7	-	CE	#DIV/0!
8	Common General	WP_B-1 Col. (d), Line 8	-	CE	#DIV/0!
9	TOTAL GROSS PLANT	Sum Lines 2 through 8	-		#DIV/0!
10		Line 9, Col (5) divided by Col (3)		GP=	#DIV/0!
11					
12	ACCUMULATED DEPRECIATION	(Note A)			
13	Production	WP_B-1 Col. (d), Line 12	-	NA	0.00%
14	Transmission	WP_B-1 Col. (d), Line 13	-	DA	100.00%
15	Distribution	WP_B-1 Col. (d), Line 14	-	NA	0.00%
16	General Plant	WP_B-1 Col. (d), Line 15	-	W/S	#DIV/0!
17	Intangible Plant	WP_B-1 Col. (d), Line 16	-	W/S	#DIV/0!
18	Common Intangible	WP_B-1 Col. (d), Line 17	-	CE	#DIV/0!
19	Common General	WP_B-1 Col. (d), Line 18	-	CE	#DIV/0!
20	TOTAL ACCUMULATED DEPRECIATION	Sum Lines 13 through 19	-		#DIV/0!
21					
22	NET ACQUISITION ADJUSTMENT	(Note B)			
23	Production	WP_B-4 Col.(i) Line 15	154,981,488	NA	0.00%
24	Transmission Serving Production	WP_B-4 Col.(j) Line 15	8,175,424	NA	0.00%
25	Transmission Serving Transmission	WP_B-4 Col.(k) Line 15	4,294,854	DA	100.00%
26	TOTAL NET ACQUISITION ADJUSTMENT	Sum Lines 23 through 25	167,451,766		4,294,854
27					
28	NET PLANT IN SERVICE	(Note A)			
29	Production	Line 2 minus 13 plus 23 plus 24	163,156,912		-
30	Transmission	Line 3 minus 14 plus 25	4,294,854		4,294,854
31	Distribution	Line 4 minus 15	-		-
32	General Plant	Line 5 minus 16	-		#DIV/0!
33	Intangible Plant	Line 6 minus 17	-		#DIV/0!
34	Common Intangible	Line 7 minus 18	-		#DIV/0!
35	Common General	Line 8 minus 19	-		#DIV/0!
36	TOTAL NET PLANT IN SERVICE	Sum Lines 29 through 35	167,451,766		#DIV/0!
37		Line 36, Col (5) divided by Col (3)		NP=	#DIV/0!
38					
39	OTHER RATE BASE ITEMS	(Note C)			
40	Account No. 281	WP_B-2 Col (c) & (e), Line 4	-	DA	0.00%
41	Account No. 282	WP_B-2 Col (c) & (e), Line 31	-	DA	#DIV/0!
42	Account No. 283	WP_B-2 Col (c) & (e), Line 92	-	DA	#DIV/0!
43	Account No. 190	WP_B-3 Col (c) & (e), Line 83	-	DA	#DIV/0!
44	Account 182.3 - Deficient ADIT (Non-Plant)	WP_B-3 - Deficient ADIT	-	DA	#DIV/0!
45	Account 254 - Excess ADIT (Non-Plant)	WP_B-2 - Excess ADIT	-	DA	#DIV/0!
46	Regulatory Liabilities- FERC Account No. 254 (Note C)	WP_B-7 Col (e), Line 14	-	W/S	#DIV/0!
47	Account No. 255	267.8.h	-	DA	0.00%
48	Account No. 107 (CWIP) (Note E)	WP_B-8 Col (a), Line 16	-	DA	100.00%
49	Net Pre-Funded AFUDC on CWIP included (Note E)	WP_B-8 Col (d), Line 16	-	DA	100.00%
50	Unamortized Balance of Abandoned Incentive Plant (Note E)	WP_B-Inputs Est. Line 144	-	DA	100.00%
51	Unamortized Balance of Extraordinary Property Loss (Note E)	WP_B-Inputs Est. Line 144	-	DA	100.00%
52	TOTAL OTHER RATE BASE ITEMS	Sum Lines 40 through 51	-		#DIV/0!
53					
54	LAND HELD FOR FUTURE USE (Note F)	WP_B-Inputs Est. Line 144	-	TP	100.00%
55					
56	WORKING CAPITAL				
57	Cash Working Capital	(Note G)	-		-
58	Materials & Supplies - Transmission	WP_B-6 Line 29	#DIV/0!	TP	100.00%
59	Materials & Supplies - Other	WP_B-6 Line 31	#DIV/0!	NP	#DIV/0!
60	Prepayments (Account 165) Plant Related	WP_B-5 Line 8	#DIV/0!	NP	#DIV/0!
61	Prepayments (Account 165) Labor Related	WP_B-5 Line 18	-	W/S	#DIV/0!
62	Prepayments (Account 165) Transmission Related	WP_B-5 Line 22	#DIV/0!	TP	100.00%
63	Prepayments (Account 165) Other Not Allocated	WP_B-5 Line 46	#DIV/0!	NA	0.00%
64	TOTAL WORKING CAPITAL	Sum Lines 57 through 63	#DIV/0!		#DIV/0!
65					
66	RATE BASE	Line 36 plus 52 plus 54 plus 64	#DIV/0!		#DIV/0!
67					
68	Rate of Return	Line 166	#DIV/0!		#DIV/0!
69					
70	RETURN (Rate Base * Rate of Return)	Line 66 times Line 68	#DIV/0!		#DIV/0!

Line No.	EXPENSE, TAXES & REVENUE REQUIREMENTS CALCULATION	Reference/Notes	Total	Allocator (Note O)	Total Transmission
	Col. (1)	Col. (2)	Col. (3)	Col. (4)	Col. (5)
71	OPERATION & MAINTENANCE EXPENSE				
72	Transmission	WP_C-1 Line 31	-		
73	Less Total Account 561	WP_C-1 Line 36	-		
74	Add Back Account 561.4	WP_C-1 Line 5	-		
75	Add Back Account 561.5	WP_C-1 Line 6	-		
76	Add Back Account 561.6	WP_C-1 Line 7	-		
77	Add Back Account 561.7	WP_C-1 Line 8	-		
78	Add Back Account 561.8	WP_C-1 Line 9	-		
79	Less Total Account 565 (Note H)	WP_C-1 Line 13	-		
80	Add Back Account 565.25- System Integration Costs	WP_C-1 Line 34	-		
81	Transmission Subtotal	Sum Lines 72 through 80	-	TP	100.00%
82					
83	Administrative and General (Note I)	WP_C-2 Line 15	-		
84	Less: Acc. 924, Property Insurance	WP_C-2 Line 5	-		

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021

Table 4
ATRR Est.

85	Balance of A & G	Sum Lines 83 through 84	-	W/S	#DIV/0!	#DIV/0!
86	Plus: Account 924, Property Insurance	Line 84	-	NP	#DIV/0!	#DIV/0!
87	Account 928 - Transmission Specific	WP_C-4 Line 6	-	DA	100.00%	-
88	A & G Subtotal	Sum Lines 85 through 87	-			#DIV/0!
89						
90	TOTAL O & M EXPENSE	Line 81 plus Line 88	-			#DIV/0!
91						
92						
93	DEPRECIATION AND AMORTIZATION EXPENSE					
94	Transmission	WP_B-1 Line 24 Col. (d)	-	DA	100.00%	-
95	Plus: Pre-Funded AFUDC Amortization (Note E)	WP_B-8 Col (f), Line 18	-	DA	100.00%	-
96	Plus: Recovery of Abandoned Incentive Plant (Note E)	WP_B-Inputs Est. Line 144	-	DA	100.00%	-
97	Plus: Recovery of Extraordinary Property Loss (Note E)	WP_B-Inputs Est. Line 144	-	DA	100.00%	-
98	General	WP_B-1 Line 26 Col. (d)	-	W/S	#DIV/0!	#DIV/0!
99	Intangible	WP_B-1 Line 27 Col. (d)	-	W/S	#DIV/0!	#DIV/0!
100	Common Intangible	WP_B-1 Line 28 Col. (d)	-	CE	#DIV/0!	#DIV/0!
101	Common General	WP_B-1 Line 29 Col. (d)	-	CE	#DIV/0!	#DIV/0!
102	Acquisition Adjustment Amortization (Note F)	WP_B-4 Line 15 Col. Col. (o)	96,516	DA	100.00%	96,516
103	TOTAL DEPRECIATION AND AMORTIZATION	Sum Lines 94 through 102	96,516			#DIV/0!
104						
105	TAXES OTHER THAN INCOME	(Note J)				
106	Labor Related	WP_D-1 Line 5	-	W/S	#DIV/0!	#DIV/0!
107	Plant Related	WP_D-1 Line 9	-	NP	#DIV/0!	#DIV/0!
108	Miscellaneous	WP_D-1 Line 12	-	NA	0.00%	-
109	TOTAL OTHER TAXES	Sum Lines 106 through 108	-			#DIV/0!
110						
111	INCOME TAXES	(Note K)				
112	T=1 - {(1 - SIT) * (1 - FIT)} / (1 - SIT * FIT * p)} =		0.00%			
113	CIT=(T/1-T) * (1-(WCLTD/R)) =		#DIV/0!			
114	where WCLTD=(line 153) and R= (line 156)					
115	and FIT, SIT & p are as given in Note K.					
116	1 / (1 - T) = (from ln 110)		-			
117	Amortized Investment Tax Credit (enter negative)	Company Records-FF1 pg. 266	-			
118						
119	Excess ADIT Amortization (Credit) (Note Q)	WP_B-2 - Exess ADIT	-			#DIV/0!
120	Deficient ADIT Amortization (Debit) (Note Q)	WP_B-3 - Excess ADIT	-			#DIV/0!
121						
122	Income Tax Calculation	Line 70 times Line 113	#DIV/0!			#DIV/0!
123	ITC adjustment	Line 116 times Line 117	-	NP	#DIV/0!	#DIV/0!
124	Excess ADIT Amortization (Credit)	Line 116 times Line 119	-			#DIV/0!
125	Deficient ADIT Amortization (Debit)	Line 116 times Line 120	-			#DIV/0!
126	TOTAL INCOME TAXES	Sum Lines 122 through 123	#DIV/0!			#DIV/0!
127						
128						
129	REVENUE CREDITS	(Note L)				
130	Account No. 454 (Rent from Transmission Facilities)	WP_E-1 Line 4	-	DA	100%	-
131	Account No. 421.1 (Gain From Disposition of Utility Plant)	WP_E-1 Line 14	-	WS	#DIV/0!	#DIV/0!
132	Account No. 456.0 (Revenue from Schedule 18)	WP_E-1 Line 9	-	DA	100%	-
133	Account No. 456.1 (Revenue from Trans. of Elect. of Others)	WP_F-1 Line 42 Col. (b)	-	DA	100%	-
134	Account No. 456.1 (Revenue from Trans. of Elect. of Others)	WP_F-1 Line 42 Col. (c)	-	DA	100%	-
135	Settlement Credit	Note P	-	DA	100%	-
136	Total Revenue Credits		-			#DIV/0!
137						
138	REVENUE REQUIREMENT		#DIV/0!			#DIV/0!

Line No.	SUPPORTING CALCULATIONS	Reference/Notes	Total	Allocator (Note O)	Total Transmission
	Col. (1)	Col. (2)	Col. (3)	Col. (4)	Col. (5)
139	TRANSMISSION PLANT INCLUDED IN THE ATRR	(Note M)			
140	Transmission plant	WP_B-1 Col. (a), Line 3			-
141	Transmission related Acquisition Adjustment	WP_B-4 Col. (c), Line 15			5,308,257
142	Total Transmission Plant	Sum Lines 139 through 140			5,308,257
143	Eliminate Generator Step-up facilities	WP_B-Inputs Est. Line 119			-
144	Transmission plant included in OATT Trans Rate	Sum Lines 141 through 142			5,308,257
145	Percent of Transmission Plant in the ATRR	Line 144 divided by Line 142		TP=	100.0000%
146					
147	WAGES & SALARY ALLOCATOR (W/S)				
148	Production	Company Records	-	NA	0.00%
149	Transmission	WP_C-1 Line 31 Col. (b)	-	TP	100.00%
150	Regional Market	Company Records	-	NA	0.00%
151	Distribution	Company Records	-	NA	0.00%
152	Other	Company Records	-	NA	0.00%
153	Total	Sum Lines 148 through 152	-		-
154					
155	W/S Allocator	Line 153, Col. Col. (5) divided by Col. Col. (3)		W/S=	#DIV/0!
156					
157	Common to Electric Transmission Allocator	Common Plant to Electric (Common Plant Study)			0.00%
158		W/S Allocator, Line 155			#DIV/0!
159		Line 157 times Line 158		CE=	#DIV/0!
160					
161					
162	RETURN	(Note N)			
163	Long Term Debt	WP_G-1 Col (n), Line 6	\$	%	Cost
164	Preferred Stock	WP_G-1 Col (n), Line 8	#DIV/0!	#DIV/0!	0.00%
165	Common Stock	WP_G-1 Col (n), Line 14	#DIV/0!	#DIV/0!	0.00%
166	Total	Sum Lines 163 through 165	#DIV/0!	#DIV/0!	9.72%
167				ROR=	#DIV/0!
168					
169	PREPAYMENTS ALLOCATION FACTOR TO ELECTRIC		0		
170					
171	Total Electric Plant in Service	207, Ln.100, Col. (g)	-		

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021

Table 4
ATRR Est.

172	Common PIS Allocated to Electric	356	-
173	Electric Plant Held for Future Use	214, Ln. 47, Col. (d)	-
174	Electric Construction Work in Progress	216, Ln. 43, Col. (b)	-
175	Common CWIP Allocated to Electric	356	-
176	Total Electric Plant	Sum Lines 171 through 175	-
177	Total Utility Plant	110, Ln. 4, Col. (c)	-
178			
179	Electric Plant to Total Plant Allocation Factor	Line 176 divided by Line 177	0.00%

General Notes: a) References to data from FERC Form No. 1 are indicated as: page#.line#.col.#

Notes:

- A

Gross Plant, Accumulated Depreciation Reserves will be the average of thirteen monthly balances.
- B

Transmission serving transmission related amounts associated with the Calpine Acquisition are included.
Future Acquisition Adjustment amounts will not be included in the formula except as directed by the Commission pursuant to a Section 205 filing.
The Net Acquisition Adjustment will be the average of thirteen monthly balances.
- C

Reflects the BOY/EOY average of the transmission related portion of balances in Accounts 281, 282, 283, 190 and 255 as adjusted by any amounts in contra accounts identified as regulatory assets or liabilities related to FASB 106, 109, 133, 158 or FASB Interpretation No. 48. Balance of Account 255 is reduced by prior flow throughs and completely excluded if the utility chose to utilize amortization of tax credits against taxable income as discussed in Note k. The calculation of ADIT for both the true-up and the annual projection will be performed in accordance with IRS regulation Section 1.167(l)-1(h)(6). The Annual True-Up for a given year will use the same methodology that was used to project that year's rates. The annual true-up calculation will use the beginning-of-year and end-of-year balances as set forth in Table 8, Workpaper B-2, Estimated and Table 9, Workpaper B-3, Estimated; and the calculation of ADIT in the annual projection will be performed as set forth in Table 8, Workpaper B-2, Actual and Table 9, Workpaper B-3, Actual.
- D

The Regulatory Liability associated with the sale of the Technical Service Building (TSB) will be included in Rate Base. Future Regulatory Liabilities will not be included in the formula except as directed by the Commission pursuant to a Section 205 filing.
- E

Includes any incentive Construction Work in Progress (CWIP), any related Pre-funded Allowance for Funds Used During Construction (AFUDC), any unamortized balances related to the recovery of abandoned incentive plant costs, any extraordinary property losses and any related depreciation and amortization expense amounts.
Formula amounts for all of the foregoing items will remain at \$0 until approved by FERC pursuant to a Section 205 filing under a separate docket.
- F

Includes only transmission related or functionally booked as transmission land held for future use.
- G

Cash Working Capital will be set at and remain \$0 until such time as PSCo files and receives FERC approval.
- H

Account 565 Transmission by Others is included only to the extent used to integrate the PSCo Transmission system.
- I

Post-Employment Benefits Other than Pensions (FAS 106) shall remain as a stated, fixed amount and shall not be changed except as directed by the Commission following a filing seeking such change pursuant to section 205 or 206 of the FPA. The adjustment is shown on WP_C-3 PBOP.
Regulatory Commission expenses (FERC Account 928) will be directly assigned or allocated to Transmission.
General Advertising Expenses (FERC Account 930.1) will be excluded.
All industry association dues recorded in FERC Account 930.2 will be excluded. The adjustment is shown on WP_C-2, Note 4.
- J

Includes only FICA, unemployment, property, and other assessments charged in the current year.
- K

Taxes related to income are excluded. Franchise taxes are not included in transmission revenue requirement in the Rate Formula Template,
The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and p =
"the percentage of federal income tax deductible for state income taxes".
PSCo has elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f) less adjustments multiplied by (1/(1-T)) (page 3, line 30).
Inputs Required:

FIT =

SIT=

p =

0.00%

0.00%

0.00%

(State Income Tax Rate or Composite SIT)

(percent of FIT deductible for state purposes)
- L

If a change in an income tax rate is known sufficiently in advance to be reflected in the estimated rates that will become effective January 1 for the upcoming formula rate year, PSCo will reflect the new tax rate(s) in the estimated rate calculations for the months in which the new tax rate will be in effect for the formula rate year. Otherwise, such tax change will be captured and reflected in the annual formula true-up by weighting the tax rates in effect during the year by the number of days each such tax rate was in effect.
- M

Includes income related to transmission facilities, such as pole attachments, rentals and special use for the Transmission facilities included herein.
FERC 421.1 Gain on the Disposition of Utility Property will be assigned or allocated to the transmission function based on the specific property sold.
Revenue from coincident peak loads included in the DIVISOR are also not included as revenue credits unless this revenue is offset by a corresponding expense
- N

Removes the dollars of plant booked to transmission plant that is excluded from the Tariff because it does not meet the Tariff's definition of Transmission Facilities, or is booked to transmission (e.g. step-up transformers) that is included in the development of OATT ancillary service rates, or is otherwise not eligible to be recovered under this Tariff.
- O

Return on Equity will be set at 10.25%. Thereafter, any change will require a filing with the Commission pursuant to Section 205 or 206 filing.
If and when the Company issues preferred stock, footnote will indicate the authorizing regulatory agency, the docket/case number, and the date of the authorizing order.
- P

The calculation of the **GP** Allocator is found on Line 10.
The calculation of the **NP** Allocator is found on Line 37.
The calculation of the **WS** Allocator is found on Line 147.
The calculation of the **CE** Allocator is found on Line 151.
The calculation of the **TP** Allocator is found on Line 137.
- Q

The Company agreed in Docket No. ER12-1589-000 to include a total company credit in the Transmission Formula Template equal to \$726,905. This amount is fixed and cannot be changed without a Section 205 or 206 filing.

Includes the amortization of any excess/deficient deferred income taxes resulting from changes to income tax laws, income tax rates (including changes in apportionment) and other actions taken by a taxing authority. Excess and deficient deferred income taxes will reduce or increase tax expense by the amount of the excess or deficiency multiplied by (1/(1-T)). Amortizations of excess/deficient deferred income taxes resulting from the enactment of the Tax Cuts and Jobs Act will be included beginning January 1, 2018 (with the 2018 True-Up)

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Annual Transmission Revenue Requirements- Actual

Table 5
ATRR Act

Line No.	RATE BASE & RETURN CALCULATION	Reference/Notes	Total	Allocator (Note O)	Transmission
	Col. (1)	Col. (2)	Col. (3)	Col. (4)	Col. (5)
1	GROSS PLANT IN SERVICE	(Note A)			
2	Production	WP_B-1 Col. (d), Line 2	-	NA	0.00%
3	Transmission	WP_B-1 Col. (d), Line 3	-	DA	100%
4	Distribution	WP_B-1 Col. (d), Line 4	-	NA	0.00%
5	General Plant	WP_B-1 Col. (d), Line 5	-	W/S	0.00%
6	Intangible Plant	WP_B-1 Col. (d), Line 6	-	W/S	0.00%
7	Common Intangible	WP_B-1 Col. (d), Line 7	-	CE	0.00%
8	Common General	WP_B-1 Col. (d), Line 8	-	CE	0.00%
9	TOTAL GROSS PLANT	Sum Lines 2 through 8	-		-
10		Line 9, Col. (5) divided by Col. (3)		GP=	0.00%
11					
12	ACCUMULATED DEPRECIATION	(Note A)			
13	Production	WP_B-1 Col. (d), Line 12	-	NA	0.00%
14	Transmission	WP_B-1 Col. (d), Line 13	-	DA	100%
15	Distribution	WP_B-1 Col. (d), Line 14	-	NA	0.00%
16	General Plant	WP_B-1 Col. (d), Line 15	-	W/S	0.00%
17	Intangible Plant	WP_B-1 Col. (d), Line 16	-	W/S	0.00%
18	Common Intangible	WP_B-1 Col. (d), Line 17	-	CE	0.00%
19	Common General	WP_B-1 Col. (d), Line 18	-	CE	0.00%
20	TOTAL ACCUMULATED DEPRECIATION	Sum Lines 13 through 19	-		-
21					
22	NET ACQUISITION ADJUSTMENT	(Note B)			
23	Production	WP_B-4 Col.(i) Line 15	-	NA	0.00%
24	Transmission Serving Production	WP_B-4 Col.(j) Line 15	-	NA	0.00%
25	Transmission Serving Transmission	WP_B-4 Col.(k) Line 15	-	DA	100.00%
26	TOTAL NET ACQUISITION ADJUSTMENT	Sum Lines 23 through 25	-		-
27					
28	NET PLANT IN SERVICE	(Note A)			
29	Production	Line 2 minus 13 plus 23 plus 24	-		-
30	Transmission	Line 3 minus 14 plus 25	-		-
31	Distribution	Line 4 minus 15	-		-
32	General Plant	Line 5 minus 16	-		-
33	Intangible Plant	Line 6 minus 17	-		-
34	Common Intangible	Line 7 minus 18	-		-
35	Common General	Line 8 minus 19	-		-
36	TOTAL NET PLANT IN SERVICE	Sum Lines 29 through 35	-		-
37		Line 36, Col (5) divided by Col (3)		NP=	0.00%
38					
39	OTHER RATE BASE ITEMS	(Note C)			
40	Account No. 281	WP_B-2 Col. (c) & (e), Line 4	-	DA	0.00%
41	Account No. 282	WP_B-2 Col. (c) & (e), Line 33	-	DA	
42	Account No. 283	WP_B-2 Col. (c) & (e), Line 89	-	DA	
43	Account No. 190	WP_B-3 Col. (c) & (e), Line 91	-	DA	
44	Account 182.3 - Deficient ADIT (Non-Plant)	WP_B-3 - Deficient ADIT		DA	
45	Account 254 - Excess ADIT (Non-Plant)	WP_B-2 - Excess ADIT		DA	
46	Regulatory Liabilities- FERC Account No. 254 (Note C)	WP_B-7 Line 14	-	W/S	0.00%
47	Account No. 255	267.8.h		DA	100.00%
48	Account No. 107 (CWIP) (Note E)	WP_B-8 Col. (a), Line 16	-	DA	100.00%
49	Net Pre-Funded AFUDC on CWIP included (Note E)	WP_B-8 Col. (d), Line 16	-	DA	100.00%
50	Unamortized Balance of Abandoned Incentive Plant (Note E)	WP_B-Inputs Act. Line 144	-	DA	100.00%
51	Unamortized Balance of Extraordinary Property Loss (Note E)	WP_B-Inputs Act. Line 144	-	DA	100.00%
52	TOTAL OTHER RATE BASE ITEMS	Sum Lines 40 through 51	-		-
53					
54	LAND HELD FOR FUTURE USE (Note F)	WP_B-Inputs Act. Line 144	-	TP	0.00%
55					
56	WORKING CAPITAL				
57	Cash Working Capital	(Note G)	-		-
58	Materials & Supplies - Transmission	WP_B-6 Line 29	-	TP	0.00%
59	Materials & Supplies - Other	WP_B-6 Line 31	-	NP	0.00%
60	Prepayments (Account 165) Plant Related	WP_B-5 Line 8	-	NP	0.00%
61	Prepayments (Account 165) Labor Related	WP_B-5 Line 16	-	W/S	0.00%
62	Prepayments (Account 165) Transmission Related	WP_B-5 Line 20	-	TP	0.00%
63	Prepayments (Account 165) Other Not Allocated	WP_B-5 Line 41	-	NA	0.00%
64	TOTAL WORKING CAPITAL	Sum Lines 57 through 63	-		-
65					
66	RATE BASE	Line 36 plus 52 plus 54 plus 64	-		-
67					
68	Rate of Return	Line 166	0.00%		0.00%
69					
70	RETURN (Rate Base * Rate of Return)	Line 66 times Line 68	-		-

Line No.	EXPENSE, TAXES & REVENUE REQUIREMENTS CALCULATION	Reference/Notes	Total	Allocator (Note O)	Total Transmission
	Col. (1)	Col. (2)	Col. (3)	Col. (4)	Col. (5)
71	OPERATION & MAINTENANCE EXPENSE				
72	Transmission	WP_C-1 Line 31	-		

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021

Table 5
ATRR Act

73	Less Total Account 561	WP_C-1 Line 36	-			
74	Add Back Account 561.4	WP_C-1 Line 5	-			
75	Add Back Account 561.5	WP_C-1 Line 6	-			
76	Add Back Account 561.6	WP_C-1 Line 7	-			
77	Add Back Account 561.7	WP_C-1 Line 8	-			
78	Add Back Account 561.8	WP_C-1 Line 9	-			
79	Less Total Account 565 (Note H)	WP_C-1 Line 13	-			
80	Add Back Account 565.25- System Integration Costs	WP_C-1 Line 34	-			
81	Transmission Subtotal	Sum Lines 72 through 80	-	TP	0.00%	-
82						
83	Administrative and General (Note I)	WP_C-2 Line 15	-			
84	Less: Acc. 924, Property Insurance	WP_C-2 Line 5	-			
85	Balance of A & G	Sum Lines 83 through 84	-	W/S	0.00%	-
86	Plus: Account 924, Property Insurance	Line 84	-	NP	0.00%	-
87	Account 928 - Transmission Specific	WP_C-4 Line 21	-	DA	100.00%	-
88	A & G Subtotal	Sum Lines 85 through 87	-			-
89						
90	TOTAL O & M EXPENSE	Line 81 plus Line 88	-			-
91						
92						
93	DEPRECIATION AND AMORTIZATION EXPENSE					
94	Transmission	WP_B-1 Line 24 Col. (d)	-	DA	100.00%	-
95	Plus: Pre-Funded AFUDC Amortization (Note E)	WP_B-8 Col (f), Line 18	-	DA	100.00%	-
96	Plus: Recovery of Abandoned Incentive Plant (Note E)	WP_B-Inputs Act. Line 144	-	DA	100.00%	-
97	Plus: Recovery of Extraordinary Property Loss (Note E)	WP_B-Inputs Act. Line 144	-	DA	100.00%	-
98	General	WP_B-1 Line 26 Col. (d)	-	W/S	0.00%	-
99	Intangible	WP_B-1 Line 27 Col. (d)	-	W/S	0.00%	-
100	Common Intangible	WP_B-1 Line 28 Col. (d)	-	CE	0.00%	-
101	Common General	WP_B-1 Line 29 Col. (d)	-	CE	0.00%	-
102	Acquisition Adjustment Amortization (Note F)	WP_B-4 Line 15 Col. Col. (o)	-	DA	100.00%	-
103	TOTAL DEPRECIATION AND AMORTIZATION	Sum Lines 94 through 102	-			-
104						
105	TAXES OTHER THAN INCOME	(Note J)				
106	Labor Related	WP_D-1 Line 5	-	W/S	0.00%	-
107	Plant Related	WP_D-1 Line 9	-	NP	0.00%	-
108	Miscellaneous	WP_D-1 Line 12	-	NA	0.00%	-
109	TOTAL OTHER TAXES	Sum Lines 106 through 108	-			-
110						
111	INCOME TAXES	(Note K)				
112	$T=1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\} =$		24.66%			
113	$CIT=(T/1-T) * (1-(WCLTD/R)) =$		0.00%			
114	where WCLTD=(line 153) and R= (line 156)					
115	and FIT, SIT & p are as given in Note K.					
116	$1 / (1 - T) =$ (from In 110)		1.3273			
117	Amortized Investment Tax Credit (enter negative)	FF1 266.8.f				
118						
119	Excess ADIT Amortization (Credit) (Note Q)	WP_B-2 - Excess ADIT				
120	Deficient ADIT Amortization (Debit) (Note Q)	WP_B-3 - Excess ADIT				
121						
122	Income Tax Calculation	Line 70 times Line 113	-			-
123	ITC adjustment	Line 116 times Line 117	-	NP	0.00%	-
124	Excess ADIT Amortization (Credit)	Line 116 times Line 119				
125	Deficient ADIT Amortization (Debit)	Line 116 times Line 120				
126	TOTAL INCOME TAXES	Sum Lines 122 through 123	-			-
127						
128						
129	REVENUE CREDITS	(Note L)				
130	Account No. 454 (Rent from Transmission Facilities)	WP_E-1 Line 4	-	DA	100%	-
131	Account No. 421.1 (Gain From Disposition of Utility Plant)	WP_E-1 Line 14	-	WS	0.00%	-
132	Account No. 456.0 (Revenue from Schedule 18)	WP_E-1 Line 9	-	DA	100%	-
133	Account No. 456.1 (Revenue from Trans. of Elect. of Others)	WP_F-1 Line 46 Col. (b)	-	DA	100%	-
134	Account No. 456.1 (Revenue from Trans. of Elect. of Others)	WP_F-1 Line 46 Col. (c)	-	DA	100%	-
135	Settlement Credit	Note P	726,905	DA	100%	-
136	Total Revenue Credits		726,905			-
137						
138	REVENUE REQUIREMENT		(726,905)			-

Line No.	SUPPORTING CALCULATIONS	Reference/Notes	Total	Allocator (Note O)	Total Transmission
	Col. (1)	Col. (2)	Col. (3)	Col. (4)	Col. (5)
139	TRANSMISSION PLANT INCLUDED IN THE ATRR	(Note M)			
140	Transmission plant	WP_B-1 Col (a), Line 3			-
141	Transmission related Acquisition Adjustment	WP_B-4 Col. (c), Line 15			-
142	Total Transmission Plant	Sum Lines 139 through 140			-
143	Eliminate Generator Step-up facilities	WP_B-Inputs Act. Line 119			-
144	Transmission plant included in OATT Trans Rate	Sum Lines 141 through 142			-
145	Percent of Transmission Plant in the ATRR	Line 144 divided by Line 142		TP=	0.00%
146					
147	WAGES & SALARY ALLOCATOR (W/S)				
148	Production	FF1. 354.20.b		NA	0.00%

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021

Table 5
ATRR Act

149	Transmission	WP_C-1 Line 31 Col. (b)	-	TP	0.00%	-
150	Regional Market	FF1. 354.22.b		NA	0.00%	-
151	Distribution	FF1. 354.23.b		NA	0.00%	-
152	Other	FF1. 354.24.b		NA	0.00%	-
153	Total	Sum Lines 148 through 152	-			-
154						
155	W/S Allocator	Line 153, Col. Col. (5) divided by Col. Col. (3)			W/S=	0.00%
156						
157	Common to Electric Transmission Allocator	FF1.356				
158		W/S Allocator, Line 155				0.00%
159		Line 157 times Line 158			CE=	0.00%
160						
161						
162	RETURN	(Note N)				
163	Long Term Debt	WP_G-1 Line 6	-	0.00%	Cost	0.0000
164	Preferred Stock	WP_G-1 Line 8	-	0.00%		0.0000
165	Common Stock	WP_G-1 Line 14	-	0.00%		0.0000
166	Total	Sum Lines 163 through 165	-		ROR=	0.0000
167						
168						
169	PREPAYMENTS ALLOCATION FACTOR TO ELECTRIC					
170						
171	Total Electric Plant in Service	207, Ln.100, Col. (g)				
172	Common PIS Allocated to Electric	356				
173	Electric Plant Held for Future Use	214, Ln. 47, Col. (d)				
174	Electric Construction Work in Progress	216, Ln. 43, Col. (b)				
175	Common CWIP Allocated to Electric	356				
176	Total Electric Plant	Sum Lines 171 through 175	-			
177	Total Utility Plant	110, Ln. 4, Col. (c), plus Ln. 16, Col. (c)				
178						
179	Electric Plant to Total Plant Allocation Factor	Line 176 divided by Line 177				0.00%

General Notes: a) References to data from FERC Form No. 1 are indicated as: page#.line#.col.#

Notes:

- A
Gross Plant, Accumulated Depreciation Reserves will be the average of thirteen monthly balances.
- B
Transmission serving transmission related amounts associated with the Calpine Acquisition are included.
Future Acquisition Adjustment amounts will not be included in the formula except as directed by the Commission pursuant to a Section 205 filing.
The Net Acquisition Adjustment will be the average of thirteen monthly balances.
- C
identified as regulatory assets or liabilities related to FASB 106, 109, 133, 158 or FASB Interpretation No. 48. Balance of Account 255 is reduced by prior flow throughs and completely excluded if the utility chose to utilize amortization of tax credits against taxable income as discussed in Note k. The calculation of ADIT for both the true-up and the annual projection will be performed in accordance with IRS regulation Section 1.167(l)-1(h)(6). The Annual True-Up for a given year will use the same methodology that was used to project that year's rates. The annual true-up calculation will use the beginning-of-year and end-of-year balances as set forth in Table 8, Workpaper B-2, Estimated and Table 9, Workpaper B-3, Estimated; and the calculation of ADIT in the annual projection will be performed as set forth in Table 8, Workpaper B-2, Actual and Table 9, Workpaper B-3, Actual.
- D
The Regulatory Liability associated with the sale of the Technical Service Building (TSB) will be included in Rate Base. Future Regulatory Liabilities will not be included in the formula except as directed by the Commission pursuant to a Section 205 filing.
- E
Includes any incentive Construction Work in Progress (CWIP), any related Pre-funded Allowance for Funds Used During Construction (AFUDC), any unamortized balances related to the recovery of abandoned incentive plant costs, any extraordinary property losses and any related depreciation and amortization expense amounts.
Formula amounts for all of the foregoing items will remain at \$0 until approved by FERC pursuant to a Section 205 filing under a separate docket.
- F
Includes only transmission related or functionally booked as transmission land held for future use.
- G
Cash Working Capital will be set at and remain \$0 until such time as PSCo files and receives FERC approval.
- H
Account 565 Transmission by Others is included only to the extent used to integrate the PSCo Transmission system.
- I
Post-Employment Benefits Other than Pensions (FAS 106) shall remain as a stated, fixed amount and shall not be changed except as directed by the Commission following a filing seeking such change pursuant to section 205 or 206 of the FPA. The adjustment is shown on WP_C-3 PBOP.
Regulatory Commission expenses (FERC Account 928) will be directly assigned or allocated to Transmission.
General Advertising Expenses (FERC Account 930.1) will be excluded.
All industry association dues recorded in FERC Account 930.2 will be excluded. The adjustment is shown on WP_C-2, Note 4.
- J
Includes only FICA, unemployment, property, and other assessments charged in the current year.
Taxes related to income are excluded. Franchise taxes are not included in transmission revenue requirement in the Rate Formula Template,
- K
The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and p = "the percentage of federal income tax deductible for state income taxes".
PSCo has elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f) less adjustments multiplied by (1/1-T) (page 3, line 30).
Inputs Required:

FIT =	21.00%	
SIT=	4.63%	(State Income Tax Rate or Composite SI
p =	0.00%	(percent of FIT deductible for state purpo

If a change in an income tax rate is known sufficiently in advance to be reflected in the estimated rates that will become effective January 1 for the upcoming formula rate year, PSCo will reflect the new tax rate(s) in the estimated rate calculations for the months in which the new tax rate will be in effect for the formula rate year. Otherwise, such tax change will be captured and reflected in the annual formula true-up by weighting the tax rates in effect during the year by the number of days each such tax rate was in effect.

- L
Includes income related to transmission facilities, such as pole attachments, rentals and special use for the Transmission facilities included herein.
FERC 421.1 Gain on the Disposition of Utility Property will be assigned or allocated to the transmission function based on the specific property sold.
Revenue from coincident peak loads included in the DIVISOR are also not included as revenue credits unless this revenue is offset by a corresponding expense
- M
Removes the dollars of plant booked to transmission plant that is excluded from the Tariff because it does not meet the Tariff's definition of Transmission Facilities, or is booked to transmission (e.g. step-up transformers) that is included in the development of OATT ancillary service rates, or is otherwise not eligible to be recovered under this Tariff.
- N
Return on Equity will be set at 10.25%. Thereafter, any change will require a filing with the Commission pursuant to Section 205 or 206 filing.
If and when the Company issues preferred stock, footnote will indicate the authorizing regulatory agency, the docket/case number, and the date of the authorizing order.
- O
The calculation of the GP Allocator is found on Line 10.
The calculation of the NP Allocator is found on Line 37.

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021

Table 5
ATRR Act

- The calculation of the **W/S** Allocator is found on Line 147.
 - The calculation of the **CE** Allocator is found on Line 151.
 - The calculation of the **TP** Allocator is found on Line 137.
- P The Company agreed in Docket No. ER12-1589-000 to include a total company credit in the Transmission Formula Template equal to \$726,905. This amount is fixed and cannot be changed without a Section 205 or 206 filing.

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021

Table 6
WP_A-2

Line No.	Explanation of Prior Period Correction:	
1		
2		
3		
4	Rate Year Prior Period Correction Applicable to (input year)	
5	Effective True-up Year for Rate Year Prior Period Correction (line 4 year + 2 years)	0
6	Year Prior Period Correction Settled/Agreed (input)	
7	Rate Year Prior Period Correction will be Included in ATRR (line 6 year + 1 year)	0
8	Number of Months Prior Period Correction Subject to Interest ((ln 7 year - ln 4 year) * 12)	0
9	<u>I. Revenue Requirement True-up:</u>	
10	Revenue Requirement for Prior Period Correction True-up Year without Prior Period Correction (input)	
11	Revised Revenue Requirement for True-up Year with Prior Period Correction (input)	
12	Revenue Requirement True-up Adjustment (Over Recovery is a Credit, Under Recovery is a Debit) (ln 11 - ln 10)	\$ -
13	<u>II. Volume True-up:</u>	
14	Divisor for Prior Period Correction True-up Year without Prior Period Correction (input)	kw
15	Divisor for True-up Year with Prior Period Correction (input)	kw
16	Volume Adjustment (line 14 - line 15)	0 kw
17	Actual Rate (line 10 / line 14)	\$0.0000
18	Revised Rate (line 11 / line 15)	\$0.0000
19	Volume Revenue Adjustment (Over Recovery is a Credit, Under Recovery is a Debit) (line 16 x line 17)	\$0
20	Net Prior Period Correction True-up Adjustment (Over Recovery is a Credit, Under Recovery is a Debit) (line 12 + line 19)	\$0

**Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021**

**Table 6
WP_A-2**

21	<u>III. Interest Calculation:</u>			
22		FERC	Number	Monthly
23		Quarterly	of Days	Interest
24	<u>Month/Year</u>	<u>Interest Rates</u>	<u>in Month</u>	<u>Rate</u>
25				0.0000
26				0.0000
27				0.0000
28				0.0000
29				0.0000
30				0.0000
31				0.0000
32				0.0000
33				0.0000
34				0.0000
35				0.0000
36				0.0000
37				0.0000
38				0.0000
39				0.0000
40				0.0000
41				0.0000
42				0.0000
43				0.0000
44				0.0000
45				0.0000
46				0.0000
47				0.0000
48				0.0000
49	Average Monthly Interest Rate			0.0000
50				
51	Over/Under Recovery Amount (In 20 amount)			\$0
52	Average Monthly Interest Rate (In 49)			0.0000
53	Monthly Interest Recovery Amount (In 51 x In 52)			\$0
54				
55	Number of Months for Interest Recovery Amount (from line 8)			0
56				
57	Interest Recovery Amount (In 55 times In 53)			\$0
58				
59	Prior Period Correction Adjustment (In 20)			\$0 (Input to Annual Update)
60	Interest on Prior Period Correction Adjustment (In 57)			\$0 (Input to Annual Update)

Note:

The interest is calculated pursuant to Section 35.19a using the interest rate posted on the FERC website.

See link to website below.

<http://www.ferc.gov/enforcement/acct-matts/interest-rates.asp>

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Gross Plant, Accumulated Depreciation & Amortization, and Depreciation Expense

Table 7
WP_B-1

Estimated

Line No.	Functional Class	Reference	Per Books 13 Month Avg Col. (a)	GSU Reclass 13 Month Avg (1) Col. (b)	Adjustments 13 Month Avg (2) Col. (c)	Adjusted Balance 13 Month Avg Col. (d)
1	Plant in Service:					
2	Production Plant	WP_B-Inputs Est. Line 17	-	-	-	-
3	Transmission	WP_B-Inputs Est. Line 17	-	-	-	-
4	Distribution (3)	WP_B-Inputs Est. Line 17	-	-	-	-
5	General (3)	WP_B-Inputs Est. Line 17	-	-	-	-
6	Intangible (3) (4)	WP_B-Inputs Est. Line 17	-	-	-	-
7	Common Intangible (4) (5)	WP_B-Inputs Est. Line 17	-	-	-	-
8	Common General (3)	WP_B-Inputs Est. Line 17	-	-	-	-
9	Total Plant In Service with Adjustments	Sum Lines 2 through 8	-	-	-	-
10						
11	Accumulated Depreciation & Amortization: (6)					
12	Production Plant	WP_B-Inputs Est. Line 40	-	-	-	-
13	Transmission	WP_B-Inputs Est. Line 40	-	-	-	-
14	Distribution (3)	WP_B-Inputs Est. Line 40	-	-	-	-
15	General (3)	WP_B-Inputs Est. Line 40	-	-	-	-
16	Intangible (3) (4)	WP_B-Inputs Est. Line 40	-	-	-	-
17	Common Intangible (4) (5)	WP_B-Inputs Est. Line 40	-	-	-	-
18	Common General (3)	WP_B-Inputs Est. Line 40	-	-	-	-
19	Total Accumulated Depreciation & Amortization with Adjustments	Sum Lines 12 through 18	-	-	-	-
20						
21						
22	Depreciation and Amortization Expense: (6)					
23	Production Plant	WP_B-Inputs Est. Line 46	-	-	-	-
24	Transmission	WP_B-Inputs Est. Line 46	-	-	-	-
25	Distribution (3)	WP_B-Inputs Est. Line 46	-	-	-	-
26	General (3)	WP_B-Inputs Est. Line 46	-	-	-	-
27	Intangible (3) (4)	WP_B-Inputs Est. Line 46	-	-	-	-
28	Common Intangible (4) (5)	WP_B-Inputs Est. Line 46	-	-	-	-
29	Common General (3)	WP_B-Inputs Est. Line 46	-	-	0	-
30	Total Depreciation and Amortization Expense	Sum Lines 23 through 29	-	-	-	-

- Notes:
1. Generator Step Up's (GSU) are eliminated from Transmission, Distribution, and General Plant and reassigned to Production Plant
 2. Adjustments are shown on WP_B-Inputs Est. Lines 67, 86, 92
 3. Smart Grid City and Advanced Grid Intelligence Project (AGIS) (retail) are eliminated
 4. Retail related Franchises and Consents are eliminated from FERC 302
 5. Retail Related CRS (Customer Resources System) and OMS (Outage Management System) are eliminated from Common Plant FERC 303
 6. Should the FERC and Colorado depreciation rates be different, the Company will keep separate books for the two jurisdictions

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Gross Plant, Accumulated Depreciation & Amortization, and Depreciation Expense

Table 7
WP_B-1

Actual						
Line No.	Functional Class	Reference	Per Books 13 Month Avg Col. (a)	GSU Reclass 13 Month Avg (1) Col. (b)	Adjustments 13 Month Avg (2) Col. (c)	Adjusted Balance 13 Month Avg Col. (d)
1	<u>Plant in Service:</u>					
2	Production Plant	WP_B-Inputs Act. Line 17	-	-	-	-
3	Transmission	WP_B-Inputs Act. Line 17	-	-	-	-
4	Distribution (3)	WP_B-Inputs Act. Line 17	-	-	-	-
5	General (3)	WP_B-Inputs Act. Line 17	-	-	-	-
6	Intangible (3) (4)	WP_B-Inputs Act. Line 17	-	-	-	-
7	Common Intangible (4) (5)	WP_B-Inputs Act. Line 17	-	-	-	-
8	Common General (3)	WP_B-Inputs Act. Line 17	-	-	-	-
9	Total Plant In Service with Adjustments	Sum Lines 2 through 8	-	-	-	-
10						
11	<u>Accumulated Depreciation & Amortization: (6)</u>					
12	Production Plant	WP_B-Inputs Act. Line 40	-	-	-	-
13	Transmission	WP_B-Inputs Act. Line 40	-	-	-	-
14	Distribution (3)	WP_B-Inputs Act. Line 40	-	-	-	-
15	General (3)	WP_B-Inputs Act. Line 40	-	-	-	-
16	Intangible (3) (4)	WP_B-Inputs Act. Line 40	-	-	-	-
17	Common Intangible (4) (5)	WP_B-Inputs Act. Line 40	-	-	-	-
18	Common General (3)	WP_B-Inputs Act. Line 40	-	-	-	-
19	Total Accumulated Depreciation & Amortization with Adjustments	Sum Lines 12 through 18	-	-	-	-
20						
21						
22	<u>Depreciation and Amortization Expense: (6)</u>					
23	Production Plant	WP_B-Inputs Act. Line 46	-	-	-	-
24	Transmission	WP_B-Inputs Act. Line 46	-	-	-	-
25	Distribution (3)	WP_B-Inputs Act. Line 46	-	-	-	-
26	General (3)	WP_B-Inputs Act. Line 46	-	-	-	-
27	Intangible (3) (4)	WP_B-Inputs Act. Line 46	-	-	-	-
28	Common Intangible (4) (5)	WP_B-Inputs Act. Line 46	-	-	-	-
29	Common General (3)	WP_B-Inputs Act. Line 46	-	-	-	-
30	Total Depreciation and Amortization Expense	Sum Lines 23 through 29	-	-	-	-

- Notes:
- GSU's are eliminated from Transmission, Distribution, and General Plant and reassigned to Production Plant
 - Adjustments are shown on WP_B-Inputs Est. Lines 110, 129, 135
 - Smart Grid City and Advanced Grid Intelligence Project (AGIS) (retail) are eliminated
 - Retail related Franchises and Consents are eliminated from FERC 302
 - Retail Related CRS (Customer Resources System) and OMS (Outage Management System) are eliminated from Common Plant FERC 303
 - Should the FERC and Colorado depreciation rates be different, the Company will keep separate books for the two jurisdictions

Estimated

Line No.	Account Number	Balance at		Average Balance (7)	Adjustments (1)	Adjusted Average Balance
		Col. (a)	Col. (b)			Col. (e)
1	Account 281 - Accelerated amortization property (4)					
2	Pollution Control Facilities - Production	-	-	-	-	-
3	Proration Adjustment (5)			-	-	-
4	Total Acct. 281 (Form No. 1 pg. 272-273, Line 17, Col. b & k)	-	-	-	-	-
5						
6	Account 282 - Other Property (4)					
7	Plant Related- Direct Assigned to Transmission					
8	Electric Distribution	-	-	-	-	-
9	Electric Distribution-Prod	-	-	-	-	-
10	Electric Transmission	-	-	-	-	-
11	Electric Transmission-Prod	-	-	-	-	-
12	Electric General-Prod	-	-	-	-	-
13	Pre-Funded (Retail)	-	-	-	-	-
14	Production	-	-	-	-	-
15	Proration Adjustment (5)			-		-
16	Total	-	-	-	-	-
17						
18	Plant Related- Allocated to Transmission					
19	Common General (2)	-	-	-	-	-
20	Common Intangible (2)	-	-	-	-	-
21	Electric General (2)	-	-	-	-	-
22	Electric Intangible	-	-	-	-	-
23	Proration Adjustment (5)			-		-
24	Total	-	-	-	-	-
25	Labor Allocation Factors, ATRR Est. Line 147					#DIV/0!
26	Total Plant Related Allocated to Transmission					#DIV/0!
27						
28	FAS 109		-	-	-	-
29	Sub-total FAS 109	-	-	-	-	-
30						
31	Total Acct. 282 (Form No. 1, pg. 274-275, ln 2 + Ln 6, col b & k)	-	-	-	-	#DIV/0!
32						
33	Account 283 - Other (4)					
34	Plant Related- Direct Assigned to Production					
35	Electric Production	-	-	-	-	-
36	Prepaid Water- Aurora	-	-	-	-	-
37	Regulatory Asset- Calpine Acquisition Costs	-	-	-	-	-
38	Proration Adjustment (5)			-		-
39	Total	-	-	-	-	-
40						
41	Direct Assigned to Transmission					
42		-	-	-	-	-
43	Total					
44						
45	Plant Related- Allocated to Transmission					
46	Common General	-	-	-	-	-
47	Common Intangible (2)	-	-	-	-	-
48	Electric General	-	-	-	-	-
49	Electric Intangible (2)	-	-	-	-	-
50	Proration Adjustment (5)			-		-
51	Total	-	-	-	-	-
52	Labor Allocation Factors, ATRR Est. Line 147					#DIV/0!
53	Total Plant Related Allocated to Transmission					#DIV/0!
54						
55	Labor Related					
56	Rent Expense- Brokerage Fees	-	-	-	-	-
57	Non-Qualified Pension Plan	-	-	-	-	-
58	Defined Benefit Pension and Other Postretirement Plans - Fund	-	-	-	-	-
59	Post Employment Benefits - FAS 106	-	-	-	-	-
60	Pension Expense (3)	-	-	-	-	-
61	Sub-total labor Related	-	-	-	-	-
62	Labor Allocation Factors, ATRR Est. Line 147					#DIV/0!
63	Total Plant Related Allocated to Transmission					#DIV/0!
64						
65	Related to All Plant					
66	State Tax Deduction Cash vs Accrual	-	-	-	-	-
67	Regulatory Reserve- Enviromental	-	-	-	-	-
68	Book Unamortized Cost of Reacquired Debt	-	-	-	-	-
69	Proration Adjustment (5)			-		-
70	Sub-total Transmission Related	-	-	-	-	-
71	Net Plant Allocation Factor, ATRR Est. Line 36					#DIV/0!
72	Total Related to All Plant					#DIV/0!
73						
74	Retail Related					
75	Regulatory Asset - ICT	-	-	-	-	-
76	Deferred Fuel	-	-	-	-	-
77	Rate Case/ Restructuring Expense	-	-	-	-	-
78	Regulatory Asset- Property Tax	-	-	-	-	-
79	Demand Side Management	-	-	-	-	-
80	Low Income Discount Program	-	-	-	-	-
81	Solar Rewards Program	-	-	-	-	-

82	Reg Asset- Leasehold Improvements	-	-	-	-	-
83	Sub-total Retail Related	-	-	-	-	-
84						
85	Other Non-Transmission Related					
86	Reg Asset- Transmission Attach O	-	-	-	-	-
87	Mark to Market Adjust	-	-	-	-	-
88	Non-Plant ADIT - Rate Change	-	-	-	-	-
89	Rate Surcharge	-	-	-	-	-
90	Sub-total Other Related	-	-	-	-	-
91						
92	Total Acct. 283 (Form No. 1, pg. 276-277, line 9, col b & k)	-	-	-	-	#DIV/0!

Note: 1. Deferred Taxes associated with implementing Statements of Financial Accounting Standards Board 109, distribution, production, retail, and non-utility plant related are eliminated.

Note: 2. Adjustment to ADIT associated with plant adjustments, see WP_B-Inputs.

Note: 3. ADIT associated with Pension expense has been eliminated because the prepaid pension asset is not included in rate base.

Note: 4. Should the FERC and Colorado depreciation rates be different, the Company will keep separate books for the two jurisdictions

Note: 5. Reference WP_ADIT Prorate

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Accumulated Deferred Income Taxes (Credits)

Table 8
WP_B-2

Actuals

Line No.	Account Number	Balance at		Average Balance (7)	Adjustments (1)	Adjusted Average Balance
		Col. (a)	Col. (b)			Col. (e)
1	Account 281 - Accelerated amortization property (4)					
2	Pollution Control Facilities - Production	-	-	-	-	-
3	Proration Adjustment (5)			-		-
4	Total Acct. 281 (Form No. 1 pg. 272-273, Line 17, Col. b & k)	-	-	-	-	-
5						
6	Account 282 - Other Property (4)					
7	Plant Related- Direct Assigned to Transmission					
8	Electric Distribution	-	-	-	-	-
9	Electric Distribution-Prod	-	-	-	-	-
10	Electric Transmission	-	-	-	-	-
11	Electric Transmission-Prod	-	-	-	-	-
12	Electric General-Prod	-	-	-	-	-
13	Pre-Funded (Retail)	-	-	-	-	-
14	Production (2)	-	-	-	-	-
15		-	-	-	-	-
16		-	-	-	-	-
17	Proration Adjustment (5)			-		-
18	Total	-	-	-	-	-
19						
20	Plant Related- Allocated to Transmission					
21	Common General (3)	-	-	-	-	-
22	Common Intangible	-	-	-	-	-
23	Electric General (3)	-	-	-	-	-
24	Electric Intangible	-	-	-	-	-
25	Proration Adjustment (5)			-		-
26	Total	-	-	-	-	-
27	Labor Allocation Factors, ATRR Act. Line 147					0.00%
28	Total Plant Related Allocated to Transmission					-
29						
30	FAS 109	-	-	-	-	-
31	Sub-total FAS 109	-	-	-	-	-
32						
33	Total Acct. 282 (Form No. 1, pg. 274-275, ln 2 + Ln 6, col b & k)	-	-	-	-	-
34						
35	Account 283 - Other (4)					
36	Plant Related- Direct Assigned to Production					
37	Electric Production	-	-	-	-	-
38	Prepaid Water- Aurora	-	-	-	-	-
39	Regulatory Asset- Calpine Acquisition Costs	-	-	-	-	-
40	Proration Adjustment (5)			-		-
41	Total	-	-	-	-	-
42						
43	Plant Related- Allocated to Transmission					
44	Common General	-	-	-	-	-
45	Common Intangible (3)	-	-	-	-	-
46	Electric General	-	-	-	-	-
47	Electric Intangible (3)	-	-	-	-	-
48	Proration Adjustment (5)			-		-
49	Total	-	-	-	-	-
50	Labor Allocation Factors, ATRR Act. Line 147					0.00%
51	Total Plant Related Allocated to Transmission					-
52						
53	Labor Related					
54	Non-Qualified Pension Plan	-	-	-	-	-
55	Rent Expense- Brokerage Fees	-	-	-	-	-
56	Pension Expense (4)	-	-	-	-	-
57	Sub-total labor Related	-	-	-	-	-
58	Labor Allocation Factors, ATRR Act. Line 147					0.00%
59	Total Plant Related Allocated to Transmission					-
60						
61	Related to All Plant					

62	State Tax Deduction Cash vs Accrual	-	-	-		-
63	Regulatory Reserve- Enviromental	-	-	-		-
64	Book Unamortized Cost of Reacquired Debt	-	-	-		-
65		-	-	-		-
66	Proration Adjustment (5)			-		-
67	Sub-total Transmission Related	-	-	-	-	-
68	Net Plant Allocation Factor, ATRR Act. Line 36					0.00%
69	Total Related to All Plant					-
70						
71	Retail Related					
72	Regulatory Asset - ICT	-	-	-	-	-
73	Deferred Fuel	-	-	-	-	-
74	Rate Case/ Restructuring Expense	-	-	-	-	-
75	Regulatory Asset- Property Tax	-	-	-	-	-
76	Demand Side Management	-	-	-	-	-
77	Reg Asset- Leasehold Improvements	-	-	-	-	-
78	Reg Asset- Transmission Cost Adj	-	-	-	-	-
79	Sub-total Retail Related	-	-	-	-	-
80						
81	Other Non-Transmission Related					
82	Mark to Market Adjust - LT	-	-	-	-	-
83		-	-	-	-	-
84		-	-	-	-	-
85		-	-	-	-	-
86		-	-	-	-	-
87	Sub-total Other Related	-	-	-	-	-
88						
89	Total Acct. 283 (Form No. 1, pg. 276-277, line 9, col b & k)	-	-	-	-	-

Note: 1. Deferred Taxes associated with implementing Statements of Financial Accounting Standards Board 109, distribution, production, retail, and non-utility plant related are eliminated.

Note: 2. Adjustment to ADIT associated with plant adjustments, see WP_B-Inputs.

Note: 3. ADIT associated with Pension expense has been eliminated because the prepaid pension asset is not included in rate base.

Note: 4. Should the FERC and Colorado depreciation rates be different, the Company will keep separate books for the two jurisdictions

Note: 5. Reference WP_ADIT Prorate

Estimated		(Excess)/Deficient Non-Plant ADIT Balances					Excess/Deficient ADIT Amortization			Remaining Years to Amortize
		Balance at		Adjusted			ADIT		Adjusted	
				Average Balance	Adjustments	Average Balance	Amortization	Adjustments	Amortization	
Line No.	Account Number	Col. (a)	Col. (b)	Col. (c)	Col. (d)	Col. (e)				
1	Account 282 - Other Property (1)									
2	Plant Related- Direct Assigned to Transmission									
3	Electric Distribution						-	-	-	
4	Electric Transmission						-		-	
5	Production						-	-	-	
6	Total						-	-	-	
7										
8	Plant Related- Allocated to Transmission									
9	Common General						-		-	
10	Common Intangible						-		-	
11	Electric General						-		-	
12	Electric Intangible						-		-	
13	Total						-	-	-	
14	Labor Allocation Factors, ATRR Act. Line 147								#DIV/0!	
15	Total Plant Related Allocated to Transmission								#DIV/0!	
16										
17	Total Account 282 Excess ADIT Amortization						-	-	#DIV/0!	
18										
19	Account 254 - Regulatory Liabilities (2)									
20	Plant Related- Direct Assigned to Production									
21	Prepaid Water- Aurora	-	-	-	-	-	-	-	-	
22	Regulatory Asset- Calpine Acquisition Costs	-	-	-	-	-	-	-	-	
23	Total	-	-	-	-	-	-	-	-	
24										
25	Plant Related- Direct Assigned to Transmission									
26	Regulatory Asset - MPB Tree Clearing	-	-	-		-	-		-	
27	Total	-	-	-	-	-	-	-	-	
28										
29	Labor Related									
30	Defined Benefit Pension and Other Postretirement Plans	-	-	-		-	-		-	
31	Rent Expense- Brokerage Fees	-	-	-		-	-		-	
32	Post Employment Benefits - FAS 106	-	-	-		-	-		-	
33	Pension Expense	-	-	-	-	-	-	-	-	
34	Sub-total labor Related	-	-	-	-	-	-	-	-	
35	Labor Allocation Factors, ATRR Act. Line 147					#DIV/0!			#DIV/0!	
36	Total Plant Related Allocated to Transmission					#DIV/0!			#DIV/0!	
37										
38	Related to All Plant									
39	Regulatory Reserve- Enviromental	-	-	-		-	-		-	
40	Book Unamortized Cost of Reacquired Debt	-	-	-		-	-		-	
41	Sub-total Production Related	-	-	-	-	-	-	-	-	
42	Net Plant Allocation Factor, ATRR Act. Line 36					#DIV/0!			#DIV/0!	
43	Total Related to All Plant					#DIV/0!			#DIV/0!	
44										
45	Retail Related									
46	Regulatory Asset - ICT	-	-	-	-	-	-	-	-	
47	Low Income Discount Program	-	-	-	-	-	-	-	-	
48	Sub-total Retail Related	-	-	-	-	-	-	-	-	
49										
50	Other Non-Transmission Related									
51	Mark to Market Adjust	-	-	-		-	-	-	-	
52	Sub-total Other Related	-	-	-	-	-	-	-	-	
53										
54	Total Account 254 Excess ADIT Balances and Amortization									
55										
56	Total (Excess)/Deficient Non-Plant ADIT Regulatory Liabilities	-	-	-	-	#DIV/0!	-	-	#DIV/0!	

Note: 1. Plant-related excess ADIT balances are embedded in the plant balances recorded in FERC Account 282, presented on WP_B-2, and are therefore not presented on this page.

Note: 2. Excess ADIT Balances recorded in FERC Account 254 are Unprotected.

Note: 3. Amortizations of excess/deficient deferred income taxes resulting from the enactment of the Tax Reform and Jobs Act will be included beginning January 1, 2018 (with the 2018 True-Up)

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Excess Accumulated Deferred Income Taxes (Credits)

Actuals		(Excess)/Deficient Non-Plant ADIT Balances					Excess/Deficient ADIT Amortization		
		Balance at		Adjusted			ADIT		Adjusted
				Average Balance	Adjustments	Average Balance	Amortization	Adjustments	Amortization
		Col. (a)	Col. (b)	Col. (c)	Col. (d)	Col. (e)			
Line No.	Account Number								
1	Account 282 - Other Property (1)								
2	Plant Related- Direct Assigned to Transmission								
3	Electric Distribution							-	-
4	Electric Transmission								-
5	Production							-	-
6	Total						-	-	-
7									
8	Plant Related- Allocated to Transmission								
9	Common General								-
10	Common Intangible								-
11	Electric General								-
12	Electric Intangible								-
13	Total						-	-	
14	Labor Allocation Factors, ATRR Act. Line 147								0.00%
15	Total Plant Related Allocated to Transmission								-
16									
17	Total Account 282 Excess ADIT Amortization (FF1 Page 274, Footnote)								-
18									
19	Account 254 - Regulatory Liabilities (2)								
20	Plant Related- Direct Assigned to Production								
21	Prepaid Water- Aurora	-		-	-	-	-	-	-
22	Regulatory Asset- Calpine Acquisition Costs	-		-	-	-	-	-	-
23	Total	-	-	-	-	-	-	-	-
24									
25	Plant Related- Direct Assigned to Transmission								
26	Regulatory Asset - MPB Tree Clearing			#DIV/0!		#DIV/0!	-		-
27	Total	-	-	#DIV/0!	-	#DIV/0!	-	-	-
28									
29	Labor Related								
30	Defined Benefit Pension and Other Postretirement Plans	-		-		-	-		-
31	Rent Expense- Brokerage Fees	-		-		-	-		-
32	Post Employment Benefits - FAS 106	-		-		-	-		-
33	Pension Expense (3)	-		-	-	-	-	-	-
34	Sub-total labor Related	-	-	-	-	-	-	-	-
35	Labor Allocation Factors, ATRR Act. Line 147					0.00%			0.00%
36	Total Plant Related Allocated to Transmission					-			-
37									
38	Related to All Plant								
39	Regulatory Reserve- Enviromental	-		-		-	-		-
40	Book Unamortized Cost of Reacquired Debt	-		-		-	-		-
41	Sub-total Production Related	-	-	-	-	-	-	-	-
42	Net Plant Allocation Factor, ATRR Act. Line 36					0.00%			#DIV/0!
43	Total Related to All Plant					-			#DIV/0!
44									
45	Retail Related								
46	Regulatory Asset - ICT	-		-	-	-	-	-	-
47	Rate Case/ Restructuring Expense	-		-	-	-	-	-	-
48	Reg Asset- Transmission Cost Adj	-		-	-	-	-	-	-
49	Regulatory Asset- Property Tax	-		-	-	-	-	-	-
50	Low Income Discount Program	-		-	-	-	-	-	-
51	Sub-total Retail Related	-	-	-	-	-	-	-	-
52									
53	Other Non-Transmission Related								
54	Mark to Market Adjust	-		-	-	-	-	-	-
55	Sub-total Other Related	-	-	-	-	-	-	-	-
56									
57	Total Account 254 Excess ADIT Balances and Amortization								
58									
59	Total (Excess)/Deficient Non-Plant ADIT Regulatory Lia	-	-	-	-	-	-		#DIV/0!

Note: 1. Plant-related excess ADIT balances are embedded in the plant balances recorded in FERC Account 282, presented on WP_B-2, and are therefore not presented on this page.

Note: 2. Excess ADIT Balances recorded in FERC Account 254 are Unprotected.

Note: 3. Amortizations of excess/deficient deferred income taxes resulting from the enactment of the Tax Reform and Jobs Act will be included beginning January 1, 2018 (with the 2018 True-Up)

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Accumulated Deferred Income Taxes (Debits)

Table 9
WP_B-3

Estimated

Line No.	Account No.	Balance at		Average Balance (5) Col. (c)	Adjustments (1) Col. (d)	Adjusted Average Balance Col. (e)
		Col. (a)	Col. (b)			
1	Account 190- Accumulated Deferred Income Taxes (2)					
2						
3	Production Related - Demand					
4	Prepaid Water- Aurora	-	-	-	-	-
5	Total Production - Demand Related	-	-	-	-	-
6						
7	Production Related - Energy					
8	Fuel Tax Credit - Inc Addback	-	-	-	-	-
9	Trapper Mine Reclamation	-	-	-	-	-
10	Windpower Credit - FED DIT Only	-	-	-	-	-
11	Total Production - Energy Related	-	-	-	-	-
12						
13	Plant Related- Direct Assigned to Transmission					
14	Electric Distribution	-	-	-	-	-
15	Electric Distribution-Prod	-	-	-	-	-
16	Electric Transmission	-	-	-	-	-
17	Electric Transmission-Prod	-	-	-	-	-
18	Electric General-Prod	-	-	-	-	-
19	Hydro Production	-	-	-	-	-
20	Other Production	-	-	-	-	-
21	Steam Production	-	-	-	-	-
22	Proration Adjustment (3)			-		-
23	Total Plant Related- Direct Assigned to Transmission	-	-	-	-	-
24						
25	Plant Related- Allocated to Transmission					
26	Common General	-	-	-		-
27	Common Intangible	-	-	-		-
28	Electric General	-	-	-		-
29	Electric Intangible	-	-	-		-
30	Proration Adjustment (3)			-		-
31	Total Plant Related- Allocated to Transmission	-	-	-	-	-
32	Labor Allocation Factors, ATRR Est. Line 147					#DIV/0!
33	Total Plant Related Allocated to Transmission					#DIV/0!
34						
35	Related to All Plant					
36	Environmental Remediation	-	-	-		-
37	Inventory Reserve	-	-	-		-
38	State Tax Deduction Cash vs Accrual	-	-	-		-
39	Enterprise Zone Credit - State DIT Only	-	-	-	-	-
40	R & E Credit - FED DIT Only	-	-	-		-
41	State Credit Valuation Allowance	-	-	-	-	-
42	Investment - FED DIT Only	-	-	-		-
43	FAS 109 (1)	-	-	-		-
44	Proration Adjustment (3)			-		-
45	Total Related to All Plant	-	-	-	-	-
46	Net Plant Allocation Factor, ATRR Est. Line 36					#DIV/0!
47	Allocated Total Related to All Plant					#DIV/0!
48						
49	Labor Related					
50	Employee Incentive Plans	-	-	-		-
51	Deferred Compensation Plan Reserve	-	-	-		-
52	Vacation Accrual	-	-	-		-
53	Performance Share Plan	-	-	-		-
54	New Hire Retention	-	-	-		-
55	Post Employment Benefits - FAS 112	-	-	-		-
56	Performance Recognition Awards	-	-	-		-
57	Defined Benefit Pension and Other Postretirement Plans - Funded Status	-	-	-		-
58	Non-Qualified Pension Plans	-	-	-		-
59	Deferred Rent	-	-	-		-
60	Total Labor Related	-	-	-	-	-
61	Labor Allocation Factors, ATRR Est. Line 147					#DIV/0!
62	Allocated Total Labor Related					#DIV/0!
63						
64	Retail Related					
65	Bad Debts	-	-	-	-	-
66	Rate Refund	-	-	-	-	-
67	REC Margin Sharing	-	-	-	-	-
68	Electric Vehicle	-	-	-	-	-
69	Demand Side Management	-	-	-	-	-
70	Deferred Fuel	-	-	-	-	-
71	Total Retail Related	-	-	-	-	-
72						
73	Other Non-Transmission Related					
74	REG A/L - Transmission Cost Adjustment	-	-	-	-	-
75	190ITC- Deferred Debit ITC	-	-	-	-	-

76	282FAS- Deferred Debit FAS-109	-	-	-	-	-
77	Non-Plant ADIT - Rate Change	-	-	-	-	-
78	Section 59e Adjustment	-	-	-	-	-
79	Litigation Reserve	-	-	-	-	-
80	Total Other Related	-	-	-	-	-
81						
82						
83	Total Account 190 (Form No. 1, page 234, line 8, cols b & c)	-	-	-	#DIV/0!	

Note: 1. Deferred Taxes associated with implementing Statements of Financial Accounting Standards Board 109, distribution, production, retail, and non-utility plant related are

Note: 2. Should the FERC and Colorado depreciation rates be different, the Company will keep separate books for the two jurisdictions

Note: 3. Reference WP_ADIT Prorate

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Accumulated Deferred Income Taxes (Debits)

Table 9
WP_B-3

Actual

Line No.	Account No.	Balance at		Average Balance (5) Col. (c)	Adjustments (1) Col. (d)	Adjusted Average Balance Col. (e)
		Col. (a)	Col. (b)			
1	Account 190- Accumulated Deferred Income Taxes (2)					
2						
3	Production Related - Demand					
4		-		-		-
5	Total Production - Demand Related	-	-	-	-	-
6						
7	Production Related - Energy					
8	Fuel Tax Credit - Inc Addback	-		-	-	-
9	Trapper Mine Reclamation	-		-	-	-
10	Windpower Credit - FED DIT Only	-		-	-	-
11	Total Production - Energy Related	-	-	-	-	-
12						
13	Plant Related- Direct Assigned to Transmission					
14	Electric Distribution	-		-	-	-
15	Electric Distribution-Prod	-		-	-	-
16	NOL Carryforward- Distribution	-		-	-	-
17	Electric Transmission	-		-	-	-
18	Electric Transmission-Prod	-		-	-	-
19	Electric General-Prod	-		-	-	-
20	NOL Carryforward- Transmission	-		-	-	-
21	Hydro Production	-		-	-	-
22	Other Production	-		-	-	-
23	Steam Production	-		-	-	-
24	NOL Carryforward- Production	-		-	-	-
25	Proration Adjustment (3)			-		-
26	Total Plant Related- Direct Assigned to Transmission	-	-	-	-	-
27						
28	Plant Related- Allocated to Transmission					
29	Common General	-		-		-
30	Common Intangible	-		-		-
31	NOL Carryforward- Common (Allocated to Electric)	-		-		-
32	Electric General	-		-		-
33	Electric Intangible	-		-		-
34	NOL Carryforward- Electric General	-		-		-
35	Proration Adjustment (3)			-		-
36	Total Plant Related- Allocated to Transmission	-	-	-	-	-
37	Labor Allocation Factors, ATRR Act. Line 147					0.00%
38	Total Plant Related Allocated to Transmission					-
39						
40	Related to All Plant					
41	Environmental Remediation	-		-		-
42	Inventory Reserve	-		-		-
43	State Tax Deduction Cash vs Accrual	-		-		-
44	Enterprise Zone Credit - State DIT Only	-		-		-
45	R & E Credit - FED DIT Only (2)	-		-		-
46	State Credit Valuation Allowance	-		-		-
47	Investment - FED DIT Only	-		-		-
48	FAS 109 (1)	-		-	-	-
49	Proration Adjustment (3)			-		-
50	Total Related to All Plant	-	-	-	-	-
51	Net Plant Allocation Factor, ATRR Act. Line 36					0.00%
52	Allocated Total Related to All Plant					-
53						
54	Labor Related					
55	Employee Incentive Plans	-		-		-
56	Deferred Compensation Plan Reserve	-		-		-
57	Severance Accrual	-		-		-
58	Vacation Accrual	-		-		-
59	Performance Share Plan	-		-		-
60	New Hire Retention	-		-		-
61	Post Employment Benefits - FAS 106	-		-		-
62	Post Employment Benefits - FAS 112	-		-		-
63	Performance Recognition Awards	-		-		-
64	Deferred Rent	-		-		-
65		-		-		-
66		-		-		-
67	Total Labor Related	-	-	-	-	-
68	Labor Allocation Factors, ATRR Act. Line 147					0.00%
69	Allocated Total Labor Related					-
70						
71	Retail Related					
72	Bad Debts	-		-	-	-
73	Rate Refund	-		-	-	-
74	REC Margin Sharing	-		-	-	-
75	Solar Rewards Program	-		-	-	-

76	Unbilled Revenue	-		-	-	-
77	Electric Vehicle	-		-	-	-
78	Investment Tax Credit	-		-	-	-
79	Demand Side Management	-		-	-	-
80	Deferred Fuel	-		-	-	-
81	Total Retail Related	-	-	-	-	-
82						
83	Other Non-Transmission Related					
84	REG A/L - TRANSMISSION ATTACH O	-		-	-	-
85	Regulatory Asset - MPB Tree Clearing	-		-	-	-
86	Deferred Debit - FIN 48	-		-	-	-
87	Litigation Reserve	-		-	-	-
88	Total Other Related	-	-	-	-	-
89						
90						
91	Total Account 190 (Form No. 1, page 234, line 8, cols b & c)	-	-	-	-	-

Note: 1. Deferred Taxes associated with implementing Statements of Financial Accounting Standards Board 109, distribution, production, retail, and non-utility plant related are

Note: 2. Should the FERC and Colorado depreciation rates be different, the Company will keep separate books for the two jurisdictions

Note: 3. Reference WP_ADIT Prorate

Estimated		(Excess)/Deficient Non-Plant ADIT Balances					(Excess)/Deficient ADIT Amortization (4)			Remaining Years to Amortize
		Balance at		Adjusted			ADIT		Adjusted	
Line No.	Account No.	Col. (a)	Col. (b)	Average Balance Col. (c)	Adjustments Col. (d)	Average Balance Col. (e)	Amortization	Adjustments	Amortization	
1	Account 190- Accumulated Deferred Income Taxes (1)									
2	Plant Related- Direct Assigned to Transmission									
3	Electric Distribution							-	-	
4	Electric Transmission							-	-	
5	Production							-	-	
6								-	-	
7								-	-	
8								-	-	
9	Total Plant Related- Direct Assigned to Transmission						-	-	-	
10										
11	Plant Related- Allocated to Transmission									
12	Common General							-	-	
13	Common Intangible							-	-	
14	Electric General							-	-	
15	Electric Intangible							-	-	
16	Total Plant Related- Allocated to Transmission						-	-	-	
17	Labor Allocation Factors, ATRR Est. Line 155								#DIV/0!	
18	Total Plant Related Allocated to Transmission								#DIV/0!	
19										
20	Total Account 190 Deficient ADIT Amortization						-	-	#DIV/0!	
21										
22	Account 182.3 - Regulatory Assets (2)									
23	Production Related - Demand									
24		-		-		-	-	-	-	
25	Total Production - Demand Related	-	-	-	-	-	-	-	-	
26										
27	Production Related - Energy									
28	Fuel Tax Credit - Inc Addback	-	-	-	-	-	-	-	-	
29	Trapper Mine Reclamation	-	-	-	-	-	-	-	-	
30	Total Production - Energy Related	-	-	-	-	-	-	-	-	
31										
32	Plant Related- Direct Assigned to Transmission									
33	NOL Carryforward- Distribution	-	-	-	-	-	-	-	-	
34	NOL Carryforward- Transmission	-	-	-		-	-		-	
35	NOL Carryforward- Production	-	-		-	-	-	-	-	
36	Proration Adjustment (3)									
37	Total Plant Related- Direct Assigned to Transmission	-	-	-	-	-	-	-	-	
38										
39	Plant Related- Allocated to Transmission									
40	NOL Carryforward- Common (Allocated to Electric)	-	-	-		-	-	-	-	
41	NOL Carryforward- Electric General & Intangible	-	-			-	-	-	-	
42	Proration Adjustment (3)									
43	Total Plant Related- Allocated to Transmission	-	-	-	-	-	-	-	-	
44	Labor Allocation Factors, ATRR Est. Line 155					#DIV/0!			#DIV/0!	
45	Total Plant Related Allocated to Transmission					#DIV/0!			#DIV/0!	
46										
47	Related to All Plant									
48	Environmental Remediation	-	-	-		-	-	-	-	
49	Inventory Reserve	-	-			-	-	-	-	
50	State Tax Deduction Cash vs Accrual	-	-			-	-	-	-	
51	Enterprise Zone Credit - State DIT Only	-	-		-	-	-	-	-	
52	State Credit Valuation Allowance	-	-		-	-	-	-	-	
53		-	-		-	-	-	-	-	
54	Total Related to All Plant	-	-	-	-	-	-	-	-	
55	Labor Allocation Factors, ATRR Est. Line 155					#DIV/0!			#DIV/0!	
56	Allocated Total Related to All Plant					#DIV/0!			#DIV/0!	
57										
58	Labor Related									
59	Employee Incentive Plans	-	-	-		-	-	-	-	
60	Deferred Compensation Plan Reserve	-	-	-		-	-	-	-	
61	Vacation Accrual	-	-			-	-	-	-	
62	Performance Share Plan	-	-			-	-	-	-	
63	Post Employment Benefits - FAS 106	-	-	-		-	-	-	-	
64	Post Employment Benefits - FAS 112	-	-	-		-	-	-	-	
65	Performance Recognition Awards	-	-			-	-	-	-	
66	Non-Qualified Pension Plans	-	-			-	-	-	-	
67	Deferred Rent	-	-	-		-	-	-	-	
68		-	-			-	-	-	-	
69		-	-	-		-	-	-	-	
70	Total Labor Related	-	-	-	-	-	-	-	-	
71	Labor Allocation Factors, ATRR Est. Line 155					#DIV/0!			#DIV/0!	
72	Allocated Total Labor Related					#DIV/0!			#DIV/0!	
73										
74	Retail Related									
75	SchM-116 - Bad Debt Reserve - Net of RDF	-	-	-	-	-	-	-	-	
76		-	-			-	-	-	-	
77	Total Retail Related	-	-	-	-	-	-	-	-	
78										
79	Other Non-Transmission Related									
80	Section 59e Adjustment	-	-	-	-	-	-	-	-	
81	Litigation Reserve	-	-		-	-	-	-	-	
82	Total Other Related	-	-	-	-	-	-	-	-	
83										
84	Total Account 182.3 Deficient ADIT Balances and Amortization									
85										
86	Total (Excess)/Deficient Non-Plant ADIT Regulatory Assets & Amortization	-	-	-	-	#DIV/0!	-	-	#DIV/0!	

Note: 1. Plant-related Deficient ADIT balances are embedded in the plant balances recorded in FERC Account 190, presented on WP_B-3, and are therefore not presented on this page.

Note: 2. With the exception of the NOL Carryforward balances, Excess ADIT Balances recorded in FERC Account 182.3 are Unprotected.

Note: 3. Reference WP_ADIT Prorate

Note: 4. Amortizations of excess/deficient deferred income taxes resulting from the enactment of the Tax Reform and Jobs Act will be included beginning January 1, 2018 (with the 2018 True-Up)

Note: 5. Unamortized Deficient Deferred Tax Regulatory Assets and the amortization of those Regulatory Assets arising from future tax changes may only be included pursuant to Commission approval authorizing such inclusion.

Actual Line No.	Account No.	(Excess)/Deficient Non-Plant ADIT Balances					(Excess)/Deficient ADIT Amortization (4)			Remaining Years to Amortize
		Balance at		Average Balance	Adjustments	Adjusted Average Balance	ADIT Amortization	Adjustments	Adjusted Amortization	
		Col. (a)	Col. (b)							
1	Account 190- Accumulated Deferred Income Taxes (1)									
2	Plant Related- Direct Assigned to Transmission									
3	Electric Distribution						-	-	-	
4	Electric Distribution-Prod						-	-	-	
5	Electric Transmission						-	-	-	
6	Electric Transmission-Prod						-	-	-	
7	Electric General-Prod						-	-	-	
8	Production						-	-	-	
9	Total Plant Related- Direct Assigned to Transmission						-	-	-	
10										
11	Plant Related- Allocated to Transmission									
12	Common General						-	-	-	
13	Common Intangible						-	-	-	
14	Electric General						-	-	-	
15	Electric Intangible						-	-	-	
16	Total Plant Related- Allocated to Transmission						-	-		
17	Labor Allocation Factors, ATRR Act. Line 155								0.00%	
18	Total Plant Related Allocated to Transmission								-	
19										
20	Total Account 190 Deficient ADIT Amortization (FF1 Page 234, Footnote)								-	
21										
22	Account 182.3 - Regulatory Assets (2)									
23	Production Related - Demand									
24		-		-		-	-	-	-	
25	Total Production - Demand Related	-	-	-	-	-	-	-	-	
26										
27	Production Related - Energy									
28	Fuel Tax Credit - Inc Addback	-		-	-	-	-	-	-	
29	Trapper Mine Reclamation	-		-	-	-	-	-	-	
30	Total Production - Energy Related	-	-	-	-	-	-	-	-	
31										
32	Plant Related- Direct Assigned to Transmission									
33	NOL Carryforward- Transmission	-		-		-	-	-	-	
34	NOL Carryforward- Distribution	-		-	-	-	-	-	-	
35	NOL Carryforward- Production	-		-	-	-	-	-	-	
36	Proration Adjustment (3)					-			-	
37	Total Plant Related- Direct Assigned to Transmission	-	-	-	-	-	-	-	-	
38										
39	Plant Related- Allocated to Transmission									
40	NOL Carryforward- Common (Allocated to Electric)	-		-		-	-	-	-	
41	NOL Carryforward- Electric General & Intangible	-		-		-	-	-	-	
42	Proration Adjustment (3)					-			-	
43	Total Plant Related- Allocated to Transmission	-	-	-	-	-	-	-		
44	Labor Allocation Factors, ATRR Act. Line 155								0.00%	
45	Total Plant Related Allocated to Transmission								-	
46										
47	Related to All Plant									
48	Environmental Remediation	-		-		-	-	-	-	
49	Inventory Reserve	-		-		-	-	-	-	
50	State Tax Deduction Cash vs Accrual	-		-		-	-	-	-	
51	Enterprise Zone Credit - State DIT Only	-		-		-	-	-	-	
52	State Credit Valuation Allowance	-		-		-	-	-	-	
53	Total Related to All Plant	-	-	-	-	-	-	-		
54	Net Plant Allocation Factor, ATRR Act. Line 37								0.00%	
55	Allocated Total Related to All Plant								-	
56										
57	Labor Related									
58	Employee Incentive Plans	-		-		-	-	-	-	
59	Deferred Compensation Plan Reserve	-		-		-	-	-	-	
60	Vacation Accrual	-		-		-	-	-	-	
61	Performance Share Plan	-		-		-	-	-	-	
62	Post Employment Benefits - FAS 112	-		-		-	-	-	-	
63	Performance Recognition Awards	-		-		-	-	-	-	
64	Non-Qualified Pension Plans	-		-		-	-	-	-	
65	Deferred Rent	-		-		-	-	-	-	
66	Total Labor Related	-	-	-	-	-	-	-	-	
67	Labor Allocation Factors, ATRR Act. Line 155								0.00%	
68	Allocated Total Labor Related								-	
69										
70	Retail Related									
71	REG A/L - TRANSMISSION ATTACH O	-		-	-	-	-	-	-	
72	Bad Debts	-		-	-	-	-	-	-	
73	Rate Refund	-		-	-	-	-	-	-	
74	REC Margin Sharing	-		-	-	-	-	-	-	
75	Solar Rewards Program	-		-	-	-	-	-	-	
76	Demand Side Management	-		-	-	-	-	-	-	
77	Deferred Fuel	-		-	-	-	-	-	-	
78	Total Retail Related	-	-	-	-	-	-	-	-	
79										
80	Other Non-Transmission Related									
81	Section 59e Adjustment	-		-	-	-	-	-	-	
82	Litigation Reserve	-		-	-	-	-	-	-	
83	Total Other Related	-	-	-	-	-	-	-	-	
84										
85	Total Account 182.3 Deficient ADIT Balances and Amortization									
86										
87	Total (Excess)/Deficient Non-Plant ADIT Regulatory Assets & Amortization	-	-	-		-	-		-	

Note: 1. Plant-related excess ADIT balances are embedded in the plant balances recorded in FERC Account 190, presented on WP_B-3, and are therefore not presented on this page.
Note: 2. With the exception of the NOL Carryforward balances, Excess ADIT Balances recorded in FERC Account 182.3 are Unprotected.
Note: 3. Reference WP_ADIT Prorate
Note: 4. Amortizations of excess/deficient deferred income taxes resulting from the enactment of the Tax Cuts and Jobs Act will be included beginning January 1, 2018 (with the 2018 True-Up)
Note: 5. Unamortized Deficient Deferred Tax Regulatory Assets and the amortization of those Regulatory Assets arising from future tax changes may only be included pursuant to Commission approval authorizing such inclusion.

**Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Acquisition Adjustment**

Table 9
WP_B-4

Estimated																		
FERC 114- Electric Plant Acquisition Adjustment					FERC 115- Accumulated Provision for Amortization of Electric Plant Acquisition Adjustment				Net Acquisition Adjustment (Amount included in Rate Base)				FERC 406 (Amount included in Depreciation and Amortization Expense)					
Line No	Description	Transmission			Total (1) (a)+(b)+(c)	Transmission			Total (2) (e)+(f)+(g)	Transmission			Total (3) (m)+(n)+(o)					
		Production	Serving Production	Serving Transmission		Production	Serving Production	Serving Transmission		Production (a)-(e)	Serving Production (b)-(f)	Serving Transmission (c)-(g)		Production	Serving Production	Serving Transmission		
		Col. (a)	Col. (b)	Col. (c)	Col. (d)	Col. (e)	Col. (f)	Col. (g)	Col. (h)	Col. (i)	Col. (j)	Col. (k)	Col. (l)	Col. (m)	Col. (n)	Col. (o)	Col. (p)	
Estimated Balance																		
1																		
2	December	210,144,390	10,104,476	5,308,257	225,557,123	52,536,097	1,837,193	965,145	55,338,435	157,608,293	8,267,283	4,343,112	170,218,688					
3	January	210,144,390	10,104,476	5,308,257	225,557,123	52,973,898	1,852,502	973,188	55,799,588	157,170,492	8,251,974	4,335,069	169,757,535	437,801	15,310	8,043	461,154	
4	February	210,144,390	10,104,476	5,308,257	225,557,123	53,411,699	1,867,812	981,231	56,260,742	156,732,691	8,236,664	4,327,026	169,296,381	437,801	15,310	8,043	461,154	
5	March	210,144,390	10,104,476	5,308,257	225,557,123	53,849,500	1,883,122	989,274	56,721,896	156,294,890	8,221,354	4,318,983	168,835,227	437,801	15,310	8,043	461,154	
6	April	210,144,390	10,104,476	5,308,257	225,557,123	54,287,300	1,898,432	997,317	57,183,049	155,857,090	8,206,044	4,310,940	168,374,074	437,801	15,310	8,043	461,154	
7	May	210,144,390	10,104,476	5,308,257	225,557,123	54,725,101	1,913,742	1,005,360	57,644,203	155,419,289	8,190,734	4,302,897	167,912,920	437,801	15,310	8,043	461,154	
8	June	210,144,390	10,104,476	5,308,257	225,557,123	55,162,902	1,929,052	1,013,403	58,105,357	154,981,488	8,175,424	4,294,854	167,451,766	437,801	15,310	8,043	461,154	
9	July	210,144,390	10,104,476	5,308,257	225,557,123	55,600,703	1,944,362	1,021,446	58,566,511	154,543,687	8,160,114	4,286,811	166,990,612	437,801	15,310	8,043	461,154	
10	August	210,144,390	10,104,476	5,308,257	225,557,123	56,038,504	1,959,672	1,029,489	59,027,665	154,105,886	8,144,804	4,278,768	166,529,458	437,801	15,310	8,043	461,154	
11	September	210,144,390	10,104,476	5,308,257	225,557,123	56,476,305	1,974,982	1,037,531	59,488,818	153,668,085	8,129,494	4,270,726	166,068,305	437,801	15,310	8,043	461,154	
12	October	210,144,390	10,104,476	5,308,257	225,557,123	56,914,105	1,990,292	1,045,574	59,949,971	153,230,285	8,114,184	4,262,683	165,607,152	437,801	15,310	8,043	461,154	
13	November	210,144,390	10,104,476	5,308,257	225,557,123	57,351,906	2,005,602	1,053,617	60,411,125	152,792,484	8,098,874	4,254,640	165,145,998	437,801	15,310	8,043	461,154	
14	December	210,144,390	10,104,476	5,308,257	225,557,123	57,789,707	2,020,912	1,061,660	60,872,279	152,354,683	8,083,564	4,246,597	164,684,844	437,801	15,310	8,043	461,154	
15	13 Month Avg. (Lns 2 - 14)	210,144,390	10,104,476	5,308,257	225,557,123	55,162,902	1,929,052	1,013,403	58,105,357	154,981,488	8,175,424	4,294,854	167,451,766	5,253,612	183,720	96,516	5,533,848	
Note: Only transmission related amounts associated with the Calpine Acquisition are included. Future Acquisition Adjustment amounts will not be included in the formula except as directed by the Commission pursuant to a Section 205 filing. The Acquisition Adjustment related to the Production function will be amortized over 40 years, Transmission Serving Production 55 years, and Transmission Serving Transmission 55 years.																		
Source: 1. Company Records 2. Company Records 3. Company Records																		

**Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Acquisition Adjustment**

Table 9
WP_B-4

Actual		FERC 114- Electric Plant Acquisition Adjustment				FERC 115- Accumulated Provision for Amortization of Electric Plant Acquisition Adjustment				Net Acquisition Adjustment (Amount included in Rate Base)				FERC 406 (Amount included in Depreciation and Amortization Expense)			
Line No	Description	Production	Transmission Serving Production	Transmission Serving Transmission	Total (1) (a)+(b)+(c)	Production	Transmission Serving Production	Transmission Serving Transmission	Total (2) (e)+(f)+(g)	Production (a)-(e)	Transmission Serving Production (b)-(f)	Transmission Serving Transmission (c)-(g)	Total (i)+(j)+(k)	Production	Transmission Serving Production	Transmission Serving Transmission	Total (3) (m)+(n)+(o)
		Col. (a)	Col. (b)	Col. (c)	Col. (d)	Col. (e)	Col. (f)	Col. (g)	Col. (h)	Col. (i)	Col. (j)	Col. (k)	Col. (l)	Col. (m)	Col. (n)	Col. (o)	Col. (p)
	Actual Balance																
1					-				-	-	-	-	-				-
2	December				-				-	-	-	-	-				-
3	January				-				-	-	-	-	-				-
4	February				-				-	-	-	-	-				-
5	March				-				-	-	-	-	-				-
6	April				-				-	-	-	-	-				-
7	May				-				-	-	-	-	-				-
8	June				-				-	-	-	-	-				-
9	July				-				-	-	-	-	-				-
10	August				-				-	-	-	-	-				-
11	September				-				-	-	-	-	-				-
12	October				-				-	-	-	-	-				-
13	November				-				-	-	-	-	-				-
14	December				-				-	-	-	-	-				-
	13 Month Avg.																
15	(Lns 2 - 14)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: Only transmission related amounts associated with the Calpine Acquisition are included. Future Acquisition Adjustment amounts will not be included in the formula except as directed by the Commission pursuant to a Section 205 filing. The Acquisition Adjustment related to the Production function will be amortized over 40 years, Transmission Serving Production 55 years, and Transmission Serving Transmission 55 years.

Source:

1. FERC Account 114- FERC Form No. 1 pg. 200 Ln. 12
2. FERC Account 115- FERC Form No. 1 pg. 200 Ln. 32
3. FERC Account 406- FERC Form No. 1 pg. 114 Ln. 9

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Prepayments- FERC Account 165

Table 9.1
WP_B-5

Estimated

Line No.	Description	Reference	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	13 Month Avg
			Col. (a)	Col. (b)	Col. (a)	Col. (d)	Col. (e)	Col. (f)	Col. (g)	Col. (h)	Col. (i)	Col. (j)	Col. (k)	Col. (l)	Col. (m)	Col. (n)
Prepayments (FERC Account 165) (1)																
1	Plant Related:															
2	Prepaid Insurance	Company Records														#DIV/0!
3	Prepays - Facility Fees	Company Records														#DIV/0!
4	Prepays - Auto Licensing	Company Records														#DIV/0!
5	Prepays - NCE Fiber Lease	Company Records														#DIV/0!
6	Total Plant Related		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	#DIV/0!
7	Allocation Factor to Electric	ATRR Est. Line 179														0.00%
8	Total Plant Related Allocated to Electric															#DIV/0!
9																
10	Labor Related:															
11	Prepays - Other Rent/Lease	Company Records														\$ -
12	Prepays - Other IT	Company Records														\$ -
13	Prepays - Other Corporate Services IT	Company Records														\$ -
14	Prepays - Other Benefits	Company Records														\$ -
15	Prepays - Hardware Maintenance	Company Records														\$ -
16	Total Labor Related		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
17	Allocation Factor to Electric	ATRR Est. Line 179														0.00%
18	Total Labor Related Allocated to Electric															\$ -
19																
20	Transmission Related:															
21	Prepays - Transmission Expense	Company Records														#DIV/0!
22	Total Transmission Related		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	#DIV/0!
23																
24	Other Related: Non-Transmission															
25	Prepaid Insurance - Neil NML WCR-GO	Company Records														#DIV/0!
26	Prepays - Regulatory Fees	Company Records														#DIV/0!
27	Prepays - Gas Imbalances	Company Records														#DIV/0!
28	Prepays - Other	Company Records														#DIV/0!
29	Prepays - Other Transmission	Company Records														#DIV/0!
30	Prepays - Other Brand Advertising RE	Company Records														#DIV/0!
31	Prepaid Interest - Commercial Paper	Company Records														#DIV/0!
32	Prepays - Other Operations Services	Company Records														#DIV/0!
33	Prepays - Other DSM	Company Records														#DIV/0!
34	Prepays - Other Energy Supply	Company Records														#DIV/0!
35	Prepaid Lease - PPAs LT	Company Records														#DIV/0!
36	Prepays - Other Distribution Utility	Company Records														#DIV/0!
37	Other Prepaid-TU	Company Records														#DIV/0!
38	City of Aurora Prepaid Water	Company Records														#DIV/0!
39	Prepays - Extended Warranty	Company Records														#DIV/0!
40																
41																
42																
43																
44	Total Other Related		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	#DIV/0!
45	Allocation Factor to Electric	ATRR Est. Line 179														0.00%
46	Total Other Related Allocated to Electric															#DIV/0!
47	Total Prepayments	Lines 6 + 16 + 22 + 44	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
48																
49	Additional Prepayments included in the FERC Form No. 1															
50	Prepays - Income Taxes - Federal	Company Records														#DIV/0!
51	Prepays - Income Taxes - State	Company Records														#DIV/0!
52	Prepays - Taxes	Company Records														#DIV/0!
53																#DIV/0!
54	Total	FERC Form No. 1 pg. 111, Line 57, Col. (c) & (d)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

Note 1: Prepayments are the 13-month average of the most recent calendar year actuals.

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Prepayments- FERC Account 165

Table 9.1
WP_B-5

Actual																
Line No.	Description	Reference	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	13 Month Avg
			Col. (a)	Col. (b)	Col. (a)	Col. (d)	Col. (e)	Col. (f)	Col. (g)	Col. (h)	Col. (i)	Col. (j)	Col. (k)	Col. (l)	Col. (m)	Col. (n)
Prepayments (FERC Account 165) (1)																
1	Plant Related:															
2	Prepaid Insurance	Company Records														\$ -
3	Prepays - Facility Fees	Company Records														-
4	Prepays - Auto Licensing	Company Records														-
5	Prepays - NCE Fiber Lease	Company Records														-
6	Total Plant Related		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	Allocation Factor to Electric	ATRR Act Line 179														0.00%
8	Total Plant Related Allocated to Electric															\$ -
9																
10	Labor Related:															
11	Prepays - Other Rent/Lease	Company Records													-	-
12	Prepays - Other Benefits	Company Records													-	-
13	Prepays - Hardware Maintenance	Company Records													-	-
14	Total Labor Related		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	Allocation Factor to Electric	ATRR Act Line 179														0.00%
16	Total Labor Related Allocated to Electric															\$ -
17																
18	Transmission Related:															
19	Prepays - Transmission Expense	Company Records													\$ -	\$ -
20	Total Transmission Related		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
21																
22	Other Related: Non-Transmission															
23	Prepaid Insurance - Neil NML WCR-GO	Company Records													-	-
24	Prepays - Regulatory Fees	Company Records													-	-
25	Prepays - Gas Imbalances	Company Records													-	-
26	Prepays - Other	Company Records													-	-
27	Prepays - Other Transmission	Company Records													-	-
28	Prepays - Other Brand Advertising RE	Company Records													-	-
29	Prepays - Other IT	Company Records													-	-
30	Prepays - Other Corporate Services IT	Company Records													-	-
31	Prepaid Interest - Commercial Paper	Company Records													-	-
32	Prepays - Other Operations Services	Company Records													-	-
33	Prepays - Other DSM	Company Records													-	-
34	Prepays - Other Energy Supply	Company Records													-	-
35	Prepaid Lease - PPAs LT	Company Records													-	-
36	Comanche Extended Warranty	Company Records													-	-
37	City of Aurora Prepaid Water	Company Records													-	-
38	Other Prepaid-TU	\$ -													-	-
39	Total Other Related		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
40	Allocation Factor to Electric	ATRR Act Line 179														0.00%
41	Total Other Related Allocated to Electric															\$ -
42	Total Prepayments	Lines 6 + 14 + 20 + 39	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
43																
44	Additional Prepayments included in the FERC Form No. 1															
45	Prepays - Income Taxes - Federal	Company Records														
46	Prepays - Income Taxes - State	Company Records														
47																
48																
49	Total	FERC Form No. 1 pg. 111, Line 57, Col. (c) & (d)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Note 1: Prepayments are the 13-month average of the most recent calendar year actuals.

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Materials and Supplies - FERC Account 154

Table 10
WP_B-6

Estimated				
Line No.	Month	Year	Reference	Ending Balance (1)
	Col. (a)	Col (b)	Col. (c)	Col. (d)
1	December	2018	FF1, Page 227, ln 12, Col. (b)	
2	January	2019	Company Records	
3	February	2019	Company Records	
4	March	2019	Company Records	
5	April	2019	Company Records	
6	May	2019	Company Records	
7	June	2019	Company Records	
8	July	2019	Company Records	
9	August	2019	Company Records	
10	September	2019	Company Records	
11	October	2019	Company Records	
12	November	2019	Company Records	
13	December	2019	FF1, Page 227, ln 12, Col. (c)	
14	13 Month Avg. (Lns 1 - 13)			#DIV/0!
15				
16	<u>Materials & Supplies Allocation Factor at Year End</u>			
17	Assigned to Construction (Estimated)		FF1, Page 227, ln 5, Col. (c)	
18	Assigned to Operation and Maintenance (Estimated)		FF1, Page 227, ln 6, Col. (c)	
19	Production Plant (Estimated)		FF1, Page 227, ln 7, Col. (c)	
20	Transmission Plant (Estimated)		FF1, Page 227, ln 8, Col. (c)	
21	Distribution Plant (Estimated)		FF1, Page 227, ln 9, Col. (c)	
22	Regional Transmission and Market Operation Plant (Estimated)		FF1, Page 227, ln 10, Col. (c)	
23	Assigned to - Other		FF1, Page 227, ln 11, Col. (c)	
24	Total Account 154 (sum Lns 17 - 23)			\$ -
25				
26	Transmission Materials & Supplies Allocation Factor		Ln 20 / Ln 24	0.00%
27	Other Materials & Supplies Allocation Factor		Ln 23 / Ln 24	0.00%
28				
29	Transmission Materials & Supplies		(Ln 14 * Ln 26)	#DIV/0!
30				
31	Other Materials & Supplies		(Ln 14 * Ln 27)	#DIV/0!
Note 1: Materials and Supplies are the 13-month average of the most recent calendar year actuals.				

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Materials and Supplies - FERC Account 154

Table 10
WP_B-6

Actual				
Line No.	Month	Year	Reference	Ending Balance
	Col. (a)	Col (b)	Col. (c)	Col. (d)
1	December	2019	FF1, Page 227, ln 12, Col. (b)	
2	January	2020	Company Records	
3	February	2020	Company Records	
4	March	2020	Company Records	
5	April	2020	Company Records	
6	May	2020	Company Records	
7	June	2020	Company Records	
8	July	2020	Company Records	
9	August	2020	Company Records	
10	September	2020	Company Records	
11	October	2020	Company Records	
12	November	2020	Company Records	
13	December	2020	FF1, Page 227, ln 12, Col. (c)	
14	13 Month Avg. (Lns 1 - 13)			\$ -
15				
16	Materials & Supplies Allocation Factor at Year End			
17	Assigned to Construction (Estimated)		FF1, Page 227, ln 5, Col. (c)	
18	Assigned to Operation and Maintenance (Estimated)		FF1, Page 227, ln 6, Col. (c)	
19	Production Plant (Estimated)		FF1, Page 227, ln 7, Col. (c)	
20	Transmission Plant (Estimated)		FF1, Page 227, ln 8, Col. (c)	
21	Distribution Plant (Estimated)		FF1, Page 227, ln 9, Col. (c)	
22	Regional Transmission and Market Operation Plant (Estimated)		FF1, Page 227, ln 10, Col. (c)	
23	Assigned to - Other		FF1, Page 227, ln 11, Col. (c)	
24	Total Account 154 (sum Lns 17 - 23)			\$ -
25				
26	Transmission Materials & Supplies Allocation Factor		Ln 20 / Ln 24	0.00%
27	Other Materials & Supplies Allocation Factor		Ln 23 / Ln 24	0.00%
28				
29	Transmission Materials & Supplies		(Ln 14 * Ln 26)	\$ -
30				
31	Other Materials & Supplies		(Ln 14 * Ln 27)	\$ -

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Regulatory Liabilities- FERC Account 254

Table 11
WP_B-7

Estimated					
Line No.	Date	Reference	Beginning Balance	Amortization	Ending Balance
	Col. (a)	Col. (b)	Col. (c)	Col. (d)	Col. (e)
Gain on the sale of the Technical Service Building (Electric portion)					
1	December	Company Records	-	-	-
2	January	Company Records	-	-	-
3	February	Company Records	-	-	-
4	March	Company Records	-	-	-
5	April	Company Records	-	-	-
6	May	Company Records	-	-	-
7	June	Company Records	-	-	-
8	July	Company Records	-	-	-
9	August	Company Records	-	-	-
10	September	Company Records	-	-	-
11	October	Company Records	-	-	-
12	November	Company Records	-	-	-
13	December	Company Records	-	-	-
14	13 Month Avg. (Lns 1 - 13)		\$ -		\$ -
15	12 Month Total. (Lns 2 - 13)			\$ -	

Actual					
Line No.	Date	Reference	Beginning Balance	Amortization	Ending Balance
	Col. (a)	Col. (b)	Col. (c)	Col. (d)	Col. (e)
Gain on the sale of the Technical Service Building (Electric portion)					
1	December	FF1, Page 278.b	-	-	-
2	January	Company Records	-	-	-
3	February	Company Records	-	-	-
4	March	Company Records	-	-	-
5	April	Company Records	-	-	-
6	May	Company Records	-	-	-
7	June	Company Records	-	-	-
8	July	Company Records	-	-	-
9	August	Company Records	-	-	-
10	September	Company Records	-	-	-
11	October	Company Records	-	-	-
12	November	Company Records	-	-	-
13	December	FF1, Page 278.f	-	-	-
14	13 Month Avg. (Lns 1 - 13)		\$ -		\$ -
15	12 Month Total. (Lns 2 - 13)			\$ -	

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Construction Work in Progress (1)

Table 12
WP_B-8

Estimated						Prefunded AFUDC Adjustments (2)				
Line No.	Work Order #	Approved in FERC Docket	Work Order Description	Months	CWIP Balance (2)	Adjustment to				
						Gross Plant	Accumulated Reserves	to Net Plant	to ADIT	Annual Amortization
					Col. (a)	Col. (b)	Col. (c)	Col. (d)	Col. (e)	Col. (f)
1										
2				December				-		
3				January				-		
4				February				-		
5				March				-		
6				April				-		
7				May				-		
8				June				-		
9				July				-		
10				August				-		
11				September				-		
12				October				-		
13				November				-		
14				December				-		
15										
16				13 Month Avg. (Lns 2 - 14)	-	-	-	-		
17				BOY/EOY Avg. (Lns 2 and 14)					-	
18				12 Month Total (Sum Lns 3 - 14)						-

Notes:

(1) No CWIP cost data will be included except as directed by the Commission following a filing pursuant to section 205 of the FPA.

(2) Source: Unless noted otherwise, all data from the Capital Asset Accounting Work Order tracking system.

Actual						Prefunded AFUDC Adjustments (2)				
Line No.	Work Order #	Approved in FERC Docket	Work Order Description	Months	CWIP Balance (2)	Adjustment to				
						Gross Plant	Accumulated Reserves	to Net Plant	to ADIT	Annual Amortization
					Col. (a)	Col. (b)	Col. (c)	Col. (d)	Col. (e)	Col. (f)
1										
2				December				-		
3				January				-		
4				February				-		
5				March				-		
6				April				-		
7				May				-		
8				June				-		
9				July				-		
10				August				-		
11				September				-		
12				October				-		
13				November				-		
14				December				-		
15										
16				13 Month Avg. (Lns 2 - 14)	-	-	-	-		
17				BOY/EOY Avg. (Lns 2 and 14)					-	
18				12 Month Total (Sum Lns 3 - 14)						-

Notes:

(1) No CWIP cost data will be included except as directed by the Commission following a filing pursuant to section 205 of the FPA.

(2) Source: Unless noted otherwise, all data from the Capital Asset Accounting Work Order tracking system.

**Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Rate Base Data Inputs- Estimated**

Table 15
WP_B-Inputs Est.

[illegible]

42 Depreciation Expense

43

44

	Intangible Plant	Steam Production	Hydraulic Production	Other Production	Transmission Plant	Distribution Plant	General Plant	Common Intangible	Common General
45 FERC Form No. 1 reference	Company Records	Company Records	Company Records	Company Records	Company Records	Company Records	Company Records	Company Records	Company Records
46 Total									

47

48 Plant Adjustments (4)

49

50 Gross Plant

52

		Electric Intangible				Distribution Plant			General Plant			Common Intangible				Common General		
		FERC 302	Smart Grid City	AGIS	Total	Smart Grid City	AGIS	Total	Smart Grid City	AGIS	Total	FERC 302	CRS	OMS	Total	Smart Grid City	AGIS	Total
54	December				-			-			-				-			-
55	January				-			-			-				-			-
56	February				-			-			-				-			-
57	March				-			-			-				-			-
58	April				-			-			-				-			-
59	May				-			-			-				-			-
60	June				-			-			-				-			-
61	July				-			-			-				-			-
62	August				-			-			-				-			-
63	September				-			-			-				-			-
64	October				-			-			-				-			-
65	November				-			-			-				-			-
66	December				-			-			-				-			-
67	13 Month Avg. (Lns 54 - 66)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

67

68 Accumulated Depreciation

71

		Electric Intangible				Distribution Plant			General Plant			Common Intangible				Common General		
		FERC 302	Smart Grid City	AGIS	Total	Smart Grid City	AGIS	Total	Smart Grid City	AGIS	Total	FERC 302	CRS	OMS	Total	Smart Grid City	AGIS	Total
73	December				-			-			-				-			-
74	January				-			-			-				-			-
75	February				-			-			-				-			-
76	March				-			-			-				-			-
77	April				-			-			-				-			-
78	May				-			-			-				-			-
79	June				-			-			-				-			-
80	July				-			-			-				-			-
81	August				-			-			-				-			-
82	September				-			-			-				-			-
83	October				-			-			-				-			-
84	November				-			-			-				-			-
85	December				-			-			-				-			-
86	13 Month Avg. (Lns 73 - 85)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

86

87 Depreciation Expense

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92

Dec 12 Month

Electric Intangible				Distribution Plant			General Plant			Common Intangible				Common General		
FERC 302	Smart Grid City	AGIS	Total	Smart Grid City	AGIS	Total	Smart Grid City	AGIS	Total	FERC 302	CRS	OMS	Total	Smart Grid City	AGIS	Total
			-			-			-				-			-

94 ADIT
95
96
97 December
98 December
99 Proration Adjustment (5)
100 BOY/EOY Avg (6)
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103
104
105

Electric Intangible				Distribution Plant			General Plant			Common Intangible				Common General		
FERC 302	Smart Grid City	AGIS	Total	Smart Grid City	AGIS	Total	Smart Grid City	AGIS	Total	FERC 302	CRS	OMS	Total	Smart Grid City	AGIS	Total
			-			-			-				-			-
			-			-			-				-			-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Generator Step ups

Gross Plant			Accum Depreciation & Amort			ADIT		
Transmission GSU	Distribution GSU	General GSU	Transmission GSU	Distribution GSU	General GSU	Transmission GSU	Distribution GSU	General GSU
-	-	-	-	-	-	-	-	-

13 Month Avg. (Lns 106 - 118)

Depreciation Expense		
Transmission GSU	Distribution GSU	General GSU

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Unamort. Balance of Abandoned Incentive Plant (2)	Current Year Amortization Expense (2)	Unamortized Balance End of Current Year	Unamort. Balance of Extraordinary Property Loss (2)	Current Year Amortization Expense (2)	Unamortized Balance End of Current Year	Land Held For Future Use (3)
		-			-	
		-			-	
		-			-	
		-			-	
		-			-	
		-			-	
		-			-	
		-			-	
		-			-	
		-			-	
		-			-	
		-			-	
		-			-	
-	-	-	-	-	-	-

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Note 1. ARO is not included in the budgeted amounts
Note 2. Abandoned Plant and Extraordinary Property Loss will remain at zero and can not be changes without a Section 205 filing.
Note 3. Plant Held for Future Use recovered in the formula will be limited to Transmission related land and land rights recorded in Account 105, Plant Held for Future Use.
Note 4. Source of Plant Adjustments: Company Records.
Note 5. ADIT proration factor is derived on WP ADIT Prorate.
Note 6. Average BOY/EOY balance is reduced by the ADIT prorate adjustment in compliance with IRS regulation Section 1.167(l)-1(h)(6).

Gross Plant									
	Intangible Plant	Steam Production	Hydraulic Production	Other Production	Transmission Plant	Distribution Plant	General Plant	Common Intangible	Common General
	(page 204 & 205 Ln. 5)	(page 204 & 205 Ln. 16)	(page 204 & 205 Ln. 35)	(page 204 & 205 Ln. 45)	(page 206 & 207 Ln. 58)	(page 206 & 207 Ln. 75)	(page 206 & 207 Ln. 99)	Note 7	Note 7
1	December								
2	January								
3	February								
4	March								
5	April								
6	May								
7	June								
8	July								
9	August								
10	September								
11	October								
12	November								
13	December								
14									
15	13 Month Avg. (Lns 1 - 13)	-	-	-	-	-	-	-	-
16	Less ARO (13 Month Avg) (1)								
17	Adj Balance	-	-	-	-	-	-	-	-
Accumulated Depreciation and Amortization									
	Intangible Plant	Steam Production	Hydraulic Production	Other Production	Transmission Plant	Distribution Plant	General Plant	Common Intangible	Common General
	(page 200 Ln. 21)	(page 219 Ln. 20)	(page 219 Ln. 22 + 23)	(page 219 Ln. 24)	(page 219 Ln. 25)	(page 219 Ln. 26)	(page 219 Ln. 28)	Note 8	Note 8
23	December								
24	January								
25	February								
26	March								
27	April								
28	May								
29	June								
30	July								
31	August								
32	September								
33	October								
34	November								
35	December								
36									
37	13 Month Avg. (Lns 23 - 35)	-	-	-	-	-	-	-	-
38	Less ARO (13 Month Avg) (1)								
39									
40	Adj Balance	-	-	-	-	-	-	-	-
Depreciation Expense									
	Intangible Plant	Steam Production	Hydraulic Production	Other Production	Transmission Plant	Distribution Plant	General Plant	Common Intangible	Common General
	(page 336 Ln. 1)	(page 336 Ln. 2)	(page 336 Ln. 4 + 5)	(page 336 Ln. 6)	(page 336 Ln. 7)	(page 336 Ln. 8)	(page 336 Ln. 10)	(page 336 Ln. 11)	(page 336 Ln. 11)
46	Total								

49
50 **Gross Plant**

68
69 **Accumulated Depreciation**

87
88 **Depreciation Expense**

90

Electric Intangible				Distribution Plant			General Plant			Common Intangible				Common General		
FERC 302	Smart Grid City	AGIS	Total	Smart Grid City	AGIS	Total	Smart Grid City	AGIS	Total	FERC 302	CRS	OMS	Total	Smart Grid City	AGIS	Total
			-			-			-				-			-

91

92 Dec 12 Month

93

95

Electric Intangible				Distribution Plant			General Plant			Common Intangible				Common General		
FERC 302	Smart Grid City	AGIS	Total	Smart Grid City	AGIS	Total	Smart Grid City	AGIS	Total	FERC 302	CRS	OMS	Total	Smart Grid City	AGIS	Total
			-			-			-				-			-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

103 Generator Step ups

[illegible]

Depreciation Expense		
Transmission GSU	Distribution GSU	General GSU

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124 Dec 12 Month

[illegible]

145

146

147 Note 1. ARO is not included in the budgeted amounts

148 Note 2. Abandoned Plant and Extraordinary Property Loss will remain at zero and can not be changes without a Section 205 filing.

149 Note 3. Plant Held for Future Use recovered in the formula will be limited to Transmission related land and land rights recorded in Account 105, Plant Held for Future Use.

150 Note 4. Source of Plant Adjustments: Company Records.

151 Note 5. ADIT proration factor is derived on WP_ADIT Prorate.

152 Note 6. Average BOY/EOY balance is reduced by the ADIT prorate adjustment in compliance with IRS regulation Section 1.167(l)-1(h)(6).

153 Note 7. FERC Form No1, Page 356. Common Intangible includes Accounts 301-303. Common General includes Accounts 389-399.1.

154 Note 8. FERC Form No1, Page 356.1. Common Intangible includes Franchises and Purchased Software. Common General includes FERC Account 108 plus Office Remodeling.

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Transmission O&M

Table 15
WP_C-1

Line No.	TRANSMISSION EXPENSES	Reference	Estimated Amounts			Reference	Actual Amounts		
			Non Labor	Labor	Total		Non Labor	Labor	Total
			Col. (a)	Col. (b)	Col. (c)		Col. (a)	Col. (b)	Col. (c)
	OPERATION								
1	560 Supervision and Engineering	Company Records			-	321.83.b			-
2	561.1 Load Dispatching - Reliability	Company Records			-	321.85.b			-
3	561.2 Load Dispatching - Monitor & Operate Transmission System	Company Records			-	321.86.b			-
4	561.3 Load Dispatching - Transmission Service & Scheduling	Company Records			-	321.87.b			-
5	561.4 Scheduling, System Control & Dispatch Services	Company Records			-	321.88.b			-
6	561.5 Reliability, Planning and Standards Development	Company Records			-	321.89.b			-
7	561.6 Transmission Service Studies (1)	Company Records			-	321.90.b			-
8	561.7 Generation Interconnection Studies	Company Records			-	321.91.b			-
9	561.8 Reliability, Planning & Standards Development Services	Company Records			-	321.92.b			-
10	562 Station Expenses	Company Records			-	321.93.b			-
11	563 Overhead Line Expenses	Company Records			-	321.94.b			-
12	564 Underground Lines Expense	Company Records			-	321.95.b			-
13	565 Transmission of Electricity by Others	Company Records			-	321.96.b			-
14	566 Miscellaneous Transmission Expenses	Company Records			-	321.97.b			-
15	567 Rents	Company Records			-	321.98.b			-
16	Total Operation		-	-	-		-	-	-
17									
18	MAINTENANCE								
19	568 Supervision and Engineering	Company Records			-	321.101.b			-
20	569 Structures	Company Records			-	321.102.b			-
21	569.1 Computer Hardware	Company Records			-	321.103.b			-
22	569.2 Computer Software	Company Records			-	321.104.b			-
23	569.3 Communication Equipment	Company Records			-	321.105.b			-
24	569.4 Miscellaneous Regional Transmission Plant	Company Records			-	321.106.b			-
25	570 Station Equipment	Company Records			-	321.107.b			-
26	571 Overhead Lines (2)	Company Records			-	321.108.b			-
27	572 Underground Lines	Company Records			-	321.109.b			-
28	573 Miscellaneous Transmission Plant	Company Records			-	321.110.b			-
29	Total Maintenance		-	-	-		-	-	-
30									
31	TOTAL TRANSMISSION		-	-	-		-	-	-
32									
33									
34	565 System Integration Costs- Holy Cross TIEA (3)	Company Records		-	-	Company Records			-
35									
36	561 Total FERC Account 561	Sum Lines 2 - 9	-	-	-		-	-	-

Note 1. Amount reflects 3 year amortization of the pre-construction costs associated with the San Luis-Calumet-Comanche transmission project (\$2,625,528 X 50% / 3 = \$437,588) beginning November 17, 2012 as shown on FERC Form No. 1 page 321, line 90 footnote page. See additional details on Table 25 concerning the 50/50 sharing.

Note 2. Amount will include a 3 year amortization of the total amount deferred related to Mountain Pine Beetle as shown on FERC Form No. 1 page 321, line 108 footnote page. \$5,926,097 will be amortized over 3 years beginning January 1, 2013.

Note 3. The Holy Cross system integration surplus/deficit payments are difficult to project, therefore, PSCo makes no effort to budget these costs or include them in the ATRR Est. However, these payments will be included on actuals and in the ATRR Act. calculation.

Estimated						
Line No.	FERC	Account Description	Reference	Total Col. (a)	Adjustment Col. (b)	Adjusted Total Col. (c)
1	920	Administrative and general salaries	Company Records		\$ -	\$ -
2	921	Office supplies and expenses	Company Records		-	-
3	922	Administrative expenses transferred— Credit	Company Records		-	-
4	923	Outside services employed	Company Records		-	-
5	924	Property insurance	Company Records		-	-
6	925	Injuries and damages	Company Records		-	-
7	926	Employee pensions and benefits (1)	Company Records			-
8	927	Franchise requirements	Company Records		-	-
9	928	Regulatory commission expenses (2)	Company Records		-	-
10	929	Duplicate charges—Credit	Company Records		-	-
11	930.1	General Advertising Expenses (3)	Company Records		-	-
12	930.2	Miscellaneous general expenses (4)	Company Records		-	-
13	931	Rents	Company Records		-	-
14	935	Maintenance of general plant	Company Records		-	-
15		Subtotal		\$ -	\$ -	\$ -

Notes:

1. Post-Employment Benefits Other than Pensions (FAS 106) shall remain as a stated, fixed amount and shall not be changed except as directed by the Commission following a filing seeking such change pursuant to section 205 or 206 of the FPA. The adjustment is shown on WP_C-3 PBOP. PSCo will file annually to seek FERC approval of the updated PBOP expense. Retail Deferred Pension Expense, net of any amortization amounts recorded in FERC Account 926 will be excluded. Reference Form 1 Page 323, line 187, Footnote.
2. Regulatory Commission expenses (FERC Account 928) will be directly assigned to Transmission and are shown on WP_C-4.
3. General Advertising Expenses (FERC Account 930.1) will be excluded.
4. All industry association dues recorded in FERC Account 930.2 will be excluded.

Industry Association Dues	FF1, pg. 335, Line 1	
Service Company Allocation of Industry Association Dues	FF1, pg. 335, Line 12	
Total Exclusion		\$ -

Actuals						
Line No.	FERC	Account Description	Reference	Total Col. (a)	Adjustment Col. (b)	Adjusted Total Col. (c)
1	920	Administrative and general salaries	FF1, pg. 323, Line 181		\$ -	\$ -
2	921	Office supplies and expenses	FF1, pg. 323, Line 182		-	-
3	922	Administrative expenses transferred— Credit	FF1, pg. 323, Line 183		-	-
4	923	Outside services employed	FF1, pg. 323, Line 184		-	-
5	924	Property insurance	FF1, pg. 323, Line 185		-	-
6	925	Injuries and damages	FF1, pg. 323, Line 186		-	-
7	926	Employee pensions and benefits (1)	FF1, pg. 323, Line 187		-	-
8	927	Franchise requirements	FF1, pg. 323, Line 188		-	-
9	928	Regulatory commission expenses (2)	FF1, pg. 323, Line 189		-	-
10	929	Duplicate charges—Credit	FF1, pg. 323, Line 190		-	-
11	930.1	General Advertising Expenses (3)	FF1, pg. 323, Line 191		-	-
12	930.2	Miscellaneous general expenses (4)	FF1, pg. 323, Line 192		-	-
13	931	Rents	FF1, pg. 323, Line 193		-	-
14	935	Maintenance of general plant	FF1, pg. 323, Line 196		-	-
15		Subtotal		\$ -	\$ -	\$ -

Notes:

1. Post-Employment Benefits Other than Pensions (FAS 106) shall remain as a stated, fixed amount and shall not be changed except as directed by the Commission following a filing seeking such change pursuant to section 205 or 206 of the FPA. The adjustment is shown on WP_C-3 PBOP. PSCo will file annually to seek FERC approval of the updated PBOP expense. Retail Deferred Pension Expense, net of any amortization amounts recorded in FERC Account 926 will be excluded. Reference Form 1 Page 323, line 187, Footnote.
2. Regulatory Commission expenses (FERC Account 928) will be directly assigned to Transmission and are shown on WP_C-4.
3. General Advertising Expenses (FERC Account 930.1) will be excluded.
4. All industry association dues recorded in FERC Account 930.2 will be excluded.

Industry Association Dues	FF1, pg. 335, Line 1	
Service Company Allocation of Industry Association Dues	FF1, pg. 335, Line 12	
Total Exclusion		\$ -

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Post-Employment Benefits Other than Pensions (FAS 106)

Table 17
WP_C-3

Line No.	Description	Total Expense	O&M \$	O&M Electric \$
		Col. (a)	Col. (b)	Col. (c)
1	Estimated Base Year 2021			
2				
3	PSCo Direct Expense			
4	XES - Allocated to PSCo			
5				
6				
7				
8				
9	Total	-	-	-
10				
11				
12	Estimated Amount Included in Account 926			
13				
14	PSCo Direct Expense	-	-	-
15	XES - Allocated to PSCo	-	-	-
16				
17				
18				
19				
20	Total	-	-	-
21				
22	Actual Base Year 2021			
23				
24	PSCo Direct Expense			
25	NSPM Allocated to PSCo			
26	NSPW Allocated to PSCo			
27	SPS Allocated to PSCo			
28	XES - Allocated to PSCo			
29				
30				
31				
32				
33	Total	-	-	-
34				
35	Actual Amount Included in Account 926			
36				
37	PSCo Direct Expense			
38	NSPM Allocated to PSCo			
39	NSPW Allocated to PSCo			
40	SPS Allocated to PSCo			
41	XES - Allocated to PSCo			
42				
43	Total	-	-	-
44				
45	Adjustment			
46	Estimated Amount Less Base Year Amount (Line 20 minus 9)	-	-	-
47	Actual Amount Less Base Year Amount (Line 43 minus 33)	-	-	-

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Regulatory Commission Expense Detail (FERC Account 928)

Table 18
WP_C-4

Estimated					
Line No.	Description	Reference	Transmission Specific Col. (a)	Non- Transmission Related Col. (b)	Total Col. (c)
1			-	0	-
2					-
3					-
4			-		-
5					-
6	Total		-	-	-
7	Footnote 1: Rate Case Expenses will be amortized over 3 years beginning November 17, 2012.				

Actual					
Line No.	Description	Reference	Transmission Specific Col. (a)	Non- Transmission Related Col. (b)	Total Col. (c)
1					-
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					-
20					-
21	Total	FF1, pg 351, Ln 46	-	-	-
	Footnote 1: Rate Case Expenses will be amortized over 3 years beginning November 17, 2012.				

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Taxes Other Than Income Tax

Table 19
WP_D-1

Line No.	Description	Reference	Estimated	FERC Form No. 1	
				Reference	Actual
1	FUTA			263.i	
2	FICA			263.i	
3	Unemployment SESA			263.i	
4	Occupational Denver			263.i	
5	Total taxes related to wages & salaries (1)	Company Records			-
6					
7	Real and personal property taxes			263.i	
8	Use tax			263.i	
9	Total taxes related to property (1)	Company Records			-
10					
11	Miscellaneous				
12		Company Records			
13					
14	Total TOTI	Line 5 plus Line 9 plus Line 12	\$ -	115.14.g	\$ -

Note 1. The PSCo budget estimates these taxes only in total. Details as to actual taxes will be available for actuals in the Annual True-up.

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Revenue Credits

Table 20
WP_E-1

Estimated				
Line No.	FERC	Description	Total	Adjustments
			Col. (a)	Col. (b)
				Col. (c)
1	454- Rent From Electric Property			
2	45400	Rental Income on Transmission Facilities		\$ -
3	45400	Rental Income on Other Facilities		\$ -
4	Total 454		\$ -	\$ -
5				
6	456- Other Electric Revenue			
7	456	Revenues from Schedule 18 Annual Interconnection Customer O&M Charge		\$ -
8	456	Total Other Electric Revenue - (Other Than Schedule 18)		\$ -
9	Total 456- FERC Form No. 1 pg. 300 Ln 21		\$ -	\$ -
10				
11	421.1 Gain on disposition of property			
	421.1	Amortization of the Gain on the Sale of TSB (Allocated to Transmission) Ref.		
12	WP_B-7 Line 15		\$ -	\$ -
13	421.1	Gain on disposition of property (Other Related)		\$ -
14	Total 421.1		\$ -	\$ -

Actual				
Line No.	FERC	Description	Total	Adjustments
			Col. (a)	Col. (b)
				Col. (c)
1	454- Rent From Electric Property			
2	45400	Rental Income on Transmission Facilities		\$ -
3	45400	Rental Income on Other Facilities		\$ -
4	Total 454- FERC Form No. 1 pg. 300 Ln 19		\$ -	\$ -
5				
6	456- Other Electric Revenue			
7	456	Revenues from Schedule 18 Annual Interconnection Customer O&M Charge		\$ -
8	456	Total Other Electric Revenue - (Other Than Schedule 18)		\$ -
9	Total 456- FERC Form No. 1 pg. 300 Ln 21		\$ -	\$ -
10				
11	421.1 Gain on disposition of property			
	421.1	Amortization of the Gain on the Sale of TSB (Allocated to Transmission) Ref.		
12	WP_B-7 Line 15		\$ -	\$ -
13	421.1	Gain on disposition of property (Other Related)		\$ -
14	Total 421.1- FERC Form No. 1 pg. 117 Ln 40		\$ -	\$ -

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Account 456.1- Revenues from Transmission of Electricity of Others

Table 23
WP_F-1

Estimate		Worksheet: Revenue Schedule																
Line No.	Type	Description	Service Type	Divisor kW	Point-to-Point Transmission Schedules 7 & 8	Network Transmission Schedule 9	Scheduling, System Control & Dispatch Schedule 1	Supply & Voltage Control Schedule 2	Regulation and Frequency Schedule 3	Regulation and Frequency Schedule 3 & 3A Wind	Regulation and Frequency Schedule 3 & 3A Solar	Regulation and Frequency Schedule 3 & 3A Non-VER	Network & Energy Imbalance Schedule 4	Network & Interco. Spinning Reserve Schedule 5	Flex Reserve Schedule 16	Supplemental Spinning Reserve Schedule 6	FERC Assess Pass Through	Total of Line Items
				(a)	(b)	(c)	(d)	(e)	(f)	(g)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
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30																		
31																		
32																		
33																		
34																		
35																		
36																		
37																		
38																		
39		Total			0	0	0	0	0	0	0	0	0	0	0	0	0	0
40																		
41		Summarized by Type:																
42		Credit			0	0	0	0	0	0	0	0	0	0	0	0	0	0
43		Divisor			0	0	0	0	0	0	0	0	0	0	0	0	0	0
44		Ancillary			0	0	0	0	0	0	0	0	0	0	0	0	0	0
45		Other			0	0	0	0	0	0	0	0	0	0	0	0	0	0
46		Total			0	0	0	0	0	0	0	0	0	0	0	0	0	0
47																		
48		Description of Revenue Types:																
49	Ancillary	Ancillary services includes regulation & frequency, control & dispatch, voltage control, reactive, spinning reserve, scheduling, and flex reserve.																
50	Divisor	Load associated with these revenues are included in the formula divisor.																
51	Credit	Revenue credit because the load is not included in divisor.																

**Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021**

Table 23
WP_F-1

Actuals	
Line No.	Type
Description	Service Type
Divisor kW	(a)
Point to Point Transmission Schedules 7 & 8	(b)
Network Transmission Schedule 9	(c)
Scheduling, System Control & Dispatch Schedule 1	(d)
Reactive Supply & Voltage Control Schedule 2	(e)
Regulation and Frequency Schedule 3	(f)
Regulation and Frequency Schedule 3 & 3A Wind	(g)
Regulation and Frequency Schedule 3 & 3A Solar	(g)
Regulation and Frequency Schedule 3 & 3A Non-VER	(h)
Network & Energy Imbalance Schedule 4	(i)
Network & Interco. Spinning Reserve Schedule 5	(j)
Flex Reserve Schedule 16	(k)
Supplemental Spinning Reserve Schedule 6	(l)
FERC Assess Pass Through	(m)
Total of Line Items	(n)
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Table 22
WP_G-1

Estimated		Form No.1	December	January	February	March	April	May	June	July	August	September	October	November	December	13 Month Avg.
Line No.	Description	Reference	Col. (a)	Col. (b)	Col. (c)	Col. (d)	Col. (e)	Col. (f)	Col. (g)	Col. (h)	Col. (i)	Col. (j)	Col. (k)	Col. (l)	Col. (m)	Col. (n)
1	Long Term Debt:															
2	Acct 221 Bonds	112.18.c,d														#DIV/0!
3	Acct 223 Advances from Assoc. Companie	112.20.c,d														#DIV/0!
4	Acct 224 Other Long Term Debt	112.21.c,d														#DIV/0!
5	Less Acct 222 Reacquired Debt	2.19 c,d enter negative														#DIV/0!
6	Total Long Term Debt	Sum Lines 1 - 5	-	-	-	-	-	-	-	-	-	-	-	-	-	#DIV/0!
7																
8	Preferred Stock (1)	112.3.c,d	0													-
9																
10	Common Equity- Per Books	112.16.c,d														#DIV/0!
11	Less Acct 204 Preferred Stock	112.3.c,d														
	Less Acct 219 Accum Other Compre.															
12	Income	112.15.c,d														#DIV/0!
	Less Acct 216.1 Unappropriated															
13	Undistributed Subsidiary Earnings	112.12.c,d														#DIV/0!
14	Adjusted Common Equity	Ln 10 - 11 - 12 - 13	0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!
15																
16	Total (Line 6 plus Line 8 plus Line 14)		0	0	0	0	0	0	0	0	0	0	0	0	0	#DIV/0!
17																
18	Cost of Debt															
19	Acct 427 Interest on Long Term Debt	117.62.c														
	Acct 428 Amortization of Debt Discount															
20	and Expense	117.63.c														
	Acct 428.1 Amortization of Loss on															
21	Reacquired Debt	117.64.c														
	Acct 430 Interest on Debt to Assoc.															
22	Companies (LTD portion only) (2)	117.67.c														
	Less: Acct 429 Amort of Premium on															
23	Debt	117.65.c enter negative														
	Less: Acct 429.1 Amort of Gain on															
24	Reacquired Debt	117.66.c enter negative														
25	Total Interest Expense	Sum Lines 19 - 24													0	
26																
27	Average Cost of Debt (Line 25 / Line 6)														0.00%	
28																
29	Cost of Preferred Stock															
30	Preferred Stock Dividends	118.29.c														
31																
32	Average Cost of Preferred Stock (Line 30 / Line 8)														0.00%	
Note 1. If and when the Company issues preferred stock, footnote will indicate the authorizing regulatory agency, the docket/case number, and																
Note 2. Interest on Debt to Associated Companies (FERC 430) will be populated with interest related to Long-Term Debt only.																

Table 22
WP_G-1

Actual																
Line No.	Description	Form No.1 Reference	December	January	February	March	April	May	June	July	August	September	October	November	December	13 Month Avg.
			Col. (a)	Col. (b)	Col. (c)	Col. (d)	Col. (e)	Col. (f)	Col. (g)	Col. (h)	Col. (i)	Col. (j)	Col. (k)	Col. (l)	Col. (m)	Col. (n)
1	Long Term Debt:															
2	Acct 221 Bonds	112.18.c,d														-
3	Acct 223 Advances from Assoc. Companie	112.20.c,d														
4	Acct 224 Other Long Term Debt	112.21.c,d														-
5	Less Acct 222 Reacquired Debt	2.19 c,d enter negative														
6	Total Long Term Debt	Sum Lines 1 - 5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7																
8	Preferred Stock (1)	112.3.c,d														-
9																
10	Common Equity- Per Books	112.16.c,d														-
11	Less Acct 204 Preferred Stock	112.3.c,d														-
12	Less Acct 219 Accum Other Compre. Incor	112.15.c,d														-
13	Less Acct 216.1 Unappropriated															
13	Undistributed Subsidiary Earnings	112.12.c,d														-
14	Adjusted Common Equity	Ln 10 - 11 - 12 - 13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15																
16	Total (Line 6 plus Line 8 plus Line 14)		-	-	-	-	-	-	-	-	-	-	-	-	-	-
17																
18	Cost of Debt															
19	Acct 427 Interest on Long Term Debt	117.62.c														
20	Acct 428 Amortization of Debt Discount and Expense	117.63.c														
	Acct 428.1 Amortization of Loss on Reacquired Debt	117.64.c														
21	Acct 430 Interest on Debt to Assoc. Companies (LTD portion only) (2)	117.67.c														
22	Less: Acct 429 Amort of Premium on Debt	117.65.c enter negative														
23	Less: Acct 429.1 Amort of Gain on Reacquired Debt	117.66.c enter negative														
24	Total Interest Expense	Sum Lines 19 - 24													-	
25																
26																
27	Average Cost of Debt (Line 25 / Line 6)														0.00%	
28																
29	Cost of Preferred Stock															
30	Preferred Stock Dividends	118.29.c													-	
31																
32	Average Cost of Preferred Stock (Line 30 / Line 8)														0.00%	
Note 1. If and when the Company issues preferred stock, footnote will indicate the authorizing regulatory agency, the docket/case number, and Note 2. Interest on Debt to Associated Companies (FERC 430) will be populated with interest related to Long-Term Debt only.																

Public Service Company of Colorado
Transmission Formula Rate Settlement Template
Twelve Months Ended December 31, 20XX
Depreciation and Amortization Rates
Utility Plant, Regulatory Assets, & Regulatory Liabilities

Table 25
WP_H-1

FERC Account	Name	Depreciation/ Amortization Rate (%)	Notes
Electric Plant Acquisition Adjustment- Calpine Acquisition			
114	Transmission Serving Transmission		
	Rocky Mountain Energy Center-Amortization of 55 years ending in 2065.	1.82%	
Unit or Account Number	Account Number and / or Description	Total Depreciation Rate	
ELECTRIC INTANGIBLE PLANT			
	301 Organization Costs		
	302 Franchises and Consents		1
	303 Miscellaneous Intangible Plant		1
	303.4 Misc Computer Software - 3 Year	33.33%	
	303.4 Misc Computer Software - 7 Year	14.29%	
	303.4 Misc Computer Software - 10 Year	10.00%	
	303.4 Misc Computer Software - 15 Year	6.67%	
STEAM PRODUCTION PLANT			
Cameo Common	310.2 Land Rights	0.00%	
Cherokee Unit 2 SC	314 Turbogenerator Units	6.29%	
Cherokee Unit 2 SC	315 Accessory Electric Equipment	4.20%	
Cherokee Unit 4	311 Structures and Improvements	5.52%	
Cherokee Unit 4	312 Boiler Plant Equipment	5.75%	
Cherokee Unit 4	312 Boiler Plant Equipment AQIR	6.67%	
Cherokee Unit 4	314 Turbogenerator Units	5.32%	
Cherokee Unit 4	315 Accessory Electric Equipment	5.13%	
Cherokee Unit 4	315.2 Computers and Peripherals	6.15%	
Cherokee Unit 4	316 Miscellaneous Power Plant Equipment	8.18%	
Cherokee Common	310.2 Land Rights	4.59%	
Cherokee Common	310.3 Water Rights	5.65%	
Cherokee Common	311 Structures and Improvements	6.44%	
Cherokee Common	312 Boiler Plant Equipment	6.57%	
Cherokee Common	312 Boiler Plant Equipment AQIR	6.67%	
Cherokee Common	314 Turbogenerator Units	5.28%	
Cherokee Common	315 Accessory Electric Equipment	5.19%	
Cherokee Common	315.2 Computers and Peripherals	5.56%	
Cherokee Common	316 Miscellaneous Power Plant Equipment	7.30%	
Coal Cars	312 Boiler Plant Equipment	4.73%	
Comanche Unit 1	311 Structures and Improvements	2.97%	
Comanche Unit 1	312 Boiler Plant Equipment	3.90%	
Comanche Unit 1	314 Turbogenerator Units	3.46%	
Comanche Unit 1	315 Accessory Electric Equipment	3.07%	
Comanche Unit 1	315.2 Computers and Peripherals	3.45%	
Comanche Unit 1	316 Miscellaneous Power Plant Equipment	2.74%	
Comanche Unit 2	311 Structures and Improvements	2.58%	
Comanche Unit 2	312 Boiler Plant Equipment	3.54%	
Comanche Unit 2	314 Turbogenerator Units	3.01%	
Comanche Unit 2	315 Accessory Electric Equipment	2.86%	
Comanche Unit 2	315.2 Computers and Peripherals	3.37%	
Comanche Unit 2	316 Miscellaneous Power Plant Equipment	2.56%	
Comanche Unit 3	310.2 Land Rights	1.70%	
Comanche Unit 3	311 Structures and Improvements	1.81%	
Comanche Unit 3	312 Boiler Plant Equipment	1.92%	
Comanche Unit 3	314 Turbogenerator Units	1.93%	
Comanche Unit 3	315 Accessory Electric Equipment	1.78%	
Comanche Unit 3	315.2 Computers and Peripherals	1.89%	
Comanche Unit 3	316 Miscellaneous Power Plant Equipment	2.05%	
Comanche Common	311 Structures and Improvements	2.03%	
Comanche Common	312 Boiler Plant Equipment	2.23%	
Comanche Common	314 Turbogenerator Units	2.22%	
Comanche Common	315 Accessory Electric Equipment	1.95%	
Comanche Common	315.2 Computers and Peripherals	2.19%	
Comanche Common	316 Miscellaneous Power Plant Equipment	2.25%	
Craig Unit 1	311 Structures and Improvements	5.17%	
Craig Unit 1	312 Boiler Plant Equipment	5.00%	
Craig Unit 1	314 Turbogenerator Units	10.98%	
Craig Unit 1	315 Accessory Electric Equipment	5.95%	
Craig Unit 1	315.2 Computers and Peripherals	5.52%	
Craig Unit 1	316 Miscellaneous Power Plant Equipment	4.74%	

Public Service Company of Colorado
Transmission Formula Rate Settlement Template
Twelve Months Ended December 31, 20XX
Depreciation and Amortization Rates
Utility Plant, Regulatory Assets, & Regulatory Liabilities

Table 25
WP_H-1

FERC Account	Name	Depreciation/ Amortization Rate (%)	Notes
Craig Unit 2	311 Structures and Improvements	2.40%	
Craig Unit 2	312 Boiler Plant Equipment	2.51%	
Craig Unit 2	314 Turbogenerator Units	3.00%	
Craig Unit 2	315 Accessory Electric Equipment	2.45%	
Craig Unit 2	315.2 Computers and Peripherals	2.59%	
Craig Unit 2	316 Miscellaneous Power Plant Equipment	2.45%	
Craig Common	311 Structures and Improvements	2.71%	
Craig Common	312 Boiler Plant Equipment	3.60%	
Craig Common	314 Turbogenerator Units	3.15%	
Craig Common	315 Accessory Electric Equipment	2.69%	
Craig Common	315.2 Computers and Peripherals	2.91%	
Craig Common	316 Miscellaneous Power Plant Equipment	3.40%	
Hayden Unit 1	311 Structures and Improvements	2.83%	
Hayden Unit 1	312 Boiler Plant Equipment	4.85%	
Hayden Unit 1	314 Turbogenerator Units	3.50%	
Hayden Unit 1	315 Accessory Electric Equipment	3.07%	
Hayden Unit 1	315.2 Computers and Peripherals	6.39%	
Hayden Unit 1	316 Miscellaneous Power Plant Equipment	2.84%	
Hayden Unit 2	311 Structures and Improvements	3.82%	
Hayden Unit 2	312 Boiler Plant Equipment	3.01%	
Hayden Unit 2	314 Turbogenerator Units	2.81%	
Hayden Unit 2	315 Accessory Electric Equipment	2.64%	
Hayden Unit 2	315.2 Computers and Peripherals	5.00%	
Hayden Unit 2	316 Miscellaneous Power Plant Equipment	2.50%	
Hayden Common	311 Structures and Improvements	4.98%	
Hayden Common	312 Boiler Plant Equipment	4.56%	
Hayden Common	314 Turbogenerator Units	5.40%	
Hayden Common	315 Accessory Electric Equipment	4.57%	
Hayden Common	315.2 Computers and Peripherals	4.73%	
Hayden Common	316 Miscellaneous Power Plant Equipment	6.12%	
Pawnee Unit 1	311 Structures and Improvements	2.21%	
Pawnee Unit 1	312 Boiler Plant Equipment	3.04%	
Pawnee Unit 1	314 Turbogenerator Units	2.46%	
Pawnee Unit 1	315 Accessory Electric Equipment	2.21%	
Pawnee Unit 1	315.2 Computers and Peripherals	3.24%	
Pawnee Unit 1	316 Miscellaneous Power Plant Equipment	2.33%	
Pawnee Common	311 Structures and Improvements	6.78%	
Pawnee Common	312 Boiler Plant Equipment	6.96%	
Pawnee Common	314 Turbogenerator Units	6.58%	
Pawnee Common	315 Accessory Electric Equipment	5.97%	
Pawnee Common	315.2 Computers and Peripherals	6.88%	
Pawnee Common	316 Miscellaneous Power Plant Equipment	6.66%	
Zuni Common	310.3 Water Rights	0.00%	
	HYDRAULIC PRODUCTION PLANT		
Ames	331 Structures and Improvements	2.38%	
Ames	332 Reservoirs, Dams and Waterways	3.04%	
Ames	333 Waterwheels, Turbines and Generators	2.31%	
Ames	334 Accessory Electric Equipment	2.97%	
Ames	334.2 Computers and Peripherals	3.01%	
Ames	335 Misc. Power Plant Equipment	2.68%	
Ames	335.2 Recreational Facilities	2.82%	
Ames	336 Roads, Railroads and Bridges	2.76%	
Cabin Creek	331 Structures and Improvements	2.73%	
Cabin Creek	332 Reservoirs, Dams and Waterways	2.50%	
Cabin Creek	333 Waterwheels, Turbines and Generators	2.86%	
Cabin Creek	334 Accessory Electric Equipment	2.94%	
Cabin Creek	334.2 Computers and Peripherals	2.80%	
Cabin Creek	335 Misc. Power Plant Equipment	2.68%	
Cabin Creek	335.2 Recreational Facilities	2.92%	
Cabin Creek	336 Roads, Railroads and Bridges	2.40%	
Georgetown	331 Structures and Improvements	4.96%	
Georgetown	332 Reservoirs, Dams and Waterways	5.18%	
Georgetown	333 Waterwheels, Turbines and Generators	4.23%	
Georgetown	334 Accessory Electric Equipment	5.18%	
Georgetown	334.2 Computers and Peripherals	5.16%	
Georgetown	335 Misc. Power Plant Equipment	4.60%	
Georgetown	335.2 Recreational Facilities	5.15%	
Georgetown	336 Roads, Railroads and Bridges	5.16%	
Salida	331 Structures and Improvements	15.58%	

Public Service Company of Colorado
Transmission Formula Rate Settlement Template
Twelve Months Ended December 31, 20XX
Depreciation and Amortization Rates
Utility Plant, Regulatory Assets, & Regulatory Liabilities

Table 25
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FERC Account	Name	Depreciation/ Amortization Rate (%)	Notes
Salida	332 Reservoirs, Dams and Waterways	17.93%	
Salida	333 Waterwheels, Turbines and Generators	14.76%	
Salida	334 Accessory Electric Equipment	15.59%	
Salida	334.2 Computers and Peripherals	17.52%	
Salida	335 Misc. Power Plant Equipment	14.01%	
Salida	335.2 Recreational Facilities	16.80%	
Salida	336 Roads, Railroads and Bridges	15.10%	
Shoshone	331 Structures and Improvements	2.26%	
Shoshone	332 Reservoirs, Dams and Waterways	2.04%	
Shoshone	333 Waterwheels, Turbines and Generators	2.13%	
Shoshone	334 Accessory Electric Equipment	2.37%	
Shoshone	334.2 Computers and Peripherals	2.13%	
Shoshone	335 Misc. Power Plant Equipment	2.17%	
Shoshone	335.2 Recreational Facilities	2.13%	
Shoshone	336 Roads, Railroads and Bridges	1.62%	
Tacoma	331 Structures and Improvements	3.03%	
Tacoma	332 Reservoirs, Dams and Waterways	3.85%	
Tacoma	333 Waterwheels, Turbines and Generators	3.48%	
Tacoma	334 Accessory Electric Equipment	3.70%	
Tacoma	334.2 Computers and Peripherals	3.72%	
Tacoma	335 Misc. Power Plant Equipment	3.18%	
Tacoma	335.2 Recreational Facilities	3.18%	
Tacoma	336 Roads, Railroads and Bridges	2.83%	
OTHER PRODUCTION PLANT			
Alamosa	341 Structures and Improvements	3.84%	
Alamosa	342 Fuel Holders, Producers, and Accessories	1.52%	
Alamosa	343 Prime Movers	2.63%	
Alamosa	344 Generators	1.81%	
Alamosa	345 Accessory Electric Equipment	7.20%	
Alamosa	345.2 Computers and Peripherals	2.63%	
Alamosa	346 Miscellaneous Power Plant Equipment	7.46%	
Blue Spruce	341 Structures and Improvements	2.60%	
Blue Spruce	342 Fuel Holders, Producers, and Accessories	2.60%	
Blue Spruce	343 Prime Movers	2.60%	
Blue Spruce	344 Generators	2.60%	
Blue Spruce	345 Accessory Electric Equipment	2.86%	
Blue Spruce	345.2 Computers and Peripherals	2.60%	
Blue Spruce	346 Miscellaneous Power Plant Equipment	2.60%	
Cherokee 5-7	341 Structures and Improvements	2.54%	
Cherokee 5-7	342 Fuel Holders, Producers, and Accessories	2.75%	
Cherokee 5-7	343 Prime Movers	2.75%	
Cherokee 5-7	344 Generators	2.63%	
Cherokee 5-7	345 Accessory Electric Equipment	2.62%	
Cherokee 5-7	345.2 Computers and Peripherals	2.63%	
Cherokee 5-7	346 Miscellaneous Power Plant Equipment	2.56%	
Cheyenne Ridge Wind	340 Land Rights	4.00%	
Cheyenne Ridge Wind	341 Structures and Improvements	4.34%	
Cheyenne Ridge Wind	342 Fuel Holders, Producers, and Accessories	4.34%	
Cheyenne Ridge Wind	343 Prime Movers	4.34%	
Cheyenne Ridge Wind	344 Generators	4.34%	
Cheyenne Ridge Wind	345 Accessory Electric Equipment	4.34%	
Cheyenne Ridge Wind	345.2 Computers and Peripherals	4.34%	
Cheyenne Ridge Wind	346 Miscellaneous Power Plant Equipment	4.34%	
Fruita	340 Land Rights	1.11%	
Fruita	341 Structures and Improvements	1.56%	
Fruita	342 Fuel Holders, Producers, and Accessories	3.04%	
Fruita	343 Prime Movers	2.38%	
Fruita	344 Generators	1.80%	
Fruita	345 Accessory Electric Equipment	4.22%	
Fruita	345.2 Computers and Peripherals	2.38%	
Fruita	346 Miscellaneous Power Plant Equipment	7.75%	
Ft Saint Vrain Unit 1	341 Structures and Improvements	1.62%	
Ft Saint Vrain Unit 1	342 Fuel Holders, Producers, and Accessories	2.15%	
Ft Saint Vrain Unit 1	343 Prime Movers	3.35%	
Ft Saint Vrain Unit 1	344 Generators	2.20%	
Ft Saint Vrain Unit 1	345 Accessory Electric Equipment	2.10%	
Ft Saint Vrain Unit 1	345.2 Computers and Peripherals	1.86%	
Ft Saint Vrain Unit 1	346 Miscellaneous Power Plant Equipment	1.67%	
Ft Saint Vrain Unit 2	341 Structures and Improvements	3.73%	
Ft Saint Vrain Unit 2	342 Fuel Holders, Producers, and Accessories	2.86%	
Ft Saint Vrain Unit 2	343 Prime Movers	3.75%	

Public Service Company of Colorado
Transmission Formula Rate Settlement Template
Twelve Months Ended December 31, 20XX
Depreciation and Amortization Rates
Utility Plant, Regulatory Assets, & Regulatory Liabilities

Table 25
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FERC Account	Name	Depreciation/ Amortization Rate (%)	Notes
Ft Saint Vrain Unit 2	344 Generators	2.52%	
Ft Saint Vrain Unit 2	345 Accessory Electric Equipment	3.58%	
Ft Saint Vrain Unit 2	345.2 Computers and Peripherals	2.56%	
Ft Saint Vrain Unit 2	346 Miscellaneous Power Plant Equipment	3.36%	
Ft Saint Vrain Unit 3	341 Structures and Improvements	3.42%	
Ft Saint Vrain Unit 3	342 Fuel Holders, Producers, and Accessories	3.73%	
Ft Saint Vrain Unit 3	343 Prime Movers	3.92%	
Ft Saint Vrain Unit 3	344 Generators	3.23%	
Ft Saint Vrain Unit 3	345 Accessory Electric Equipment	3.74%	
Ft Saint Vrain Unit 3	345.2 Computers and Peripherals	3.42%	
Ft Saint Vrain Unit 3	346 Miscellaneous Power Plant Equipment	3.76%	
Ft Saint Vrain Unit 4	341 Structures and Improvements	1.61%	
Ft Saint Vrain Unit 4	342 Fuel Holders, Producers, and Accessories	2.56%	
Ft Saint Vrain Unit 4	343 Prime Movers	3.89%	
Ft Saint Vrain Unit 4	344 Generators	2.58%	
Ft Saint Vrain Unit 4	345 Accessory Electric Equipment	2.52%	
Ft Saint Vrain Unit 4	345.2 Computers and Peripherals	2.55%	
Ft Saint Vrain Unit 4	346 Miscellaneous Power Plant Equipment	2.47%	
Ft Saint Vrain Unit 5	341 Structures and Improvements	2.48%	
Ft Saint Vrain Unit 5	342 Fuel Holders, Producers, and Accessories	2.62%	
Ft Saint Vrain Unit 5	343 Prime Movers	3.16%	
Ft Saint Vrain Unit 5	344 Generators	2.54%	
Ft Saint Vrain Unit 5	345 Accessory Electric Equipment	2.54%	
Ft Saint Vrain Unit 5	345.2 Computers and Peripherals	2.55%	
Ft Saint Vrain Unit 5	346 Miscellaneous Power Plant Equipment	2.54%	
Ft Saint Vrain Unit 6	341 Structures and Improvements	2.48%	
Ft Saint Vrain Unit 6	342 Fuel Holders, Producers, and Accessories	2.62%	
Ft Saint Vrain Unit 6	343 Prime Movers	3.16%	
Ft Saint Vrain Unit 6	344 Generators	2.54%	
Ft Saint Vrain Unit 6	345 Accessory Electric Equipment	2.54%	
Ft Saint Vrain Unit 6	345.2 Computers and Peripherals	2.55%	
Ft Saint Vrain Unit 6	346 Miscellaneous Power Plant Equipment	2.50%	
Ft Saint Vrain Common	341 Structures and Improvements	2.08%	
Ft Saint Vrain Common	342 Fuel Holders, Producers, and Accessories	2.32%	
Ft Saint Vrain Common	343 Prime Movers	3.17%	
Ft Saint Vrain Common	344 Generators	2.31%	
Ft Saint Vrain Common	345 Accessory Electric Equipment	2.32%	
Ft Saint Vrain Common	345.2 Computers and Peripherals	3.25%	
Ft Saint Vrain Common	346 Miscellaneous Power Plant Equipment	3.09%	
Ft. Lupton CT	341 Structures and Improvements	2.36%	
Ft. Lupton CT	342 Fuel Holders, Producers, and Accessories	2.81%	
Ft. Lupton CT	343 Prime Movers	3.21%	
Ft. Lupton CT	344 Generators	3.08%	
Ft. Lupton CT	345 Accessory Electric Equipment	6.12%	
Ft. Lupton CT	345.2 Computers and Peripherals	3.21%	
Ft. Lupton CT	346 Miscellaneous Power Plant Equipment	1.48%	
Rocky Mountain	341 Structures and Improvements	2.71%	
Rocky Mountain	342 Fuel Holders, Producers, and Accessories	3.14%	
Rocky Mountain	343 Prime Movers	3.13%	
Rocky Mountain	344 Generators	2.65%	
Rocky Mountain	345 Accessory Electric Equipment	2.76%	
Rocky Mountain	345.2 Computers and Peripherals	2.66%	
Rocky Mountain	346 Miscellaneous Power Plant Equipment	2.65%	
Rush Creek Wind	340 Land Rights	4.00%	
Rush Creek Wind	341 Structures and Improvements	4.34%	
Rush Creek Wind	342 Fuel Holders, Producers, and Accessories	4.34%	
Rush Creek Wind	343 Prime Movers	4.34%	
Rush Creek Wind	344 Generators	4.34%	
Rush Creek Wind	345 Accessory Electric Equipment	4.34%	
Rush Creek Wind	345.2 Computers and Peripherals	4.34%	
Rush Creek Wind	346 Miscellaneous Power Plant Equipment	4.34%	
Valmont	341 Structures and Improvements	1.41%	
Valmont	342 Fuel Holders, Producers, and Accessories	1.75%	
Valmont	343 Prime Movers	2.33%	
Valmont	344 Generators	2.29%	
Valmont	345 Accessory Electric Equipment	3.11%	
Valmont	345.2 Computers and Peripherals	2.33%	
Valmont	346 Miscellaneous Power Plant Equipment	3.10%	
Wind to Hydrogen	344 Generators	5.23%	

TRANSMISSION PLANT

Public Service Company of Colorado
Transmission Formula Rate Settlement Template
Twelve Months Ended December 31, 20XX
Depreciation and Amortization Rates
Utility Plant, Regulatory Assets, & Regulatory Liabilities

Table 25
WP_H-1

FERC Account	Name	Depreciation/ Amortization Rate (%)	Notes
350.2	Land Rights	1.00%	
352	Structures and Improvements	1.19%	
353	Station Equipment	1.98%	
354	Towers and Fixtures	1.48%	
355	Poles and Fixtures	2.25%	
356	Overhead Conductors and Devices	1.78%	
357	Underground Conduit	1.66%	
358	Underground Conductors and Devices	1.99%	
359	Roads and Trails	1.08%	
DISTRIBUTION PLANT			
360.2	Land Rights	0.99%	
361	Structures and Improvements	1.58%	
362	Station Equipment	1.89%	
364	Poles, Towers and Fixtures	2.70%	
365	Overhead Conductors and Devices	2.74%	
366	Underground Conduit	1.75%	
367	Underground Conductors and Devices	2.18%	
368	Line Transformers	2.26%	
369	Services	2.15%	
369.1	Services-Overhead	2.43%	
369.2	Services-Underground	2.43%	
370	Meters	3.81%	
370.2	Automated Meter Reading Equipment	7.59%	
371	Installation on Customer Premises	4.42%	
373	Street Lighting and Signal Systems	2.95%	
ELECTRIC GENERAL PLANT			
389.2	Land Rights	1.67%	
390	Structures and Improvements	2.25%	
391	Office Furniture and Equipment	4.56%	
391.2	Computer Hardware	16.23%	
392.1	Transportation Equipment-Autos	7.19%	
392.2	Transportation Equipment-Light Trucks	7.01%	
392.3	Transportation Equipment-Trailers	3.12%	
392.4	Transportation Equipment-Heavy Trucks	5.89%	
393	Stores Equipment	3.16%	
394	Tools, Shop and Garage Equipment	3.84%	
395	Laboratory Equipment	10.00%	
396	Power Operated Equipment	5.63%	
397	Communication Equipment	6.30%	
398	Miscellaneous Equipment	4.60%	
COMMON INTANGIBLE PLANT (4)			
301	Organization Costs		
302	Franchises and Consents		1
303	Misc Computer Software-3 Year	33.33%	
303.04	Misc Computer Software-7 Year	14.29%	
303.04	Misc Computer Software-10 Year	10.00%	
303.04	Misc Computer Software-15 Year	6.67%	
COMMON GENERAL PLANT (4)			
389.2	Land Rights	1.67%	
390	Structures and Improvements	2.42%	
390.07	Structures and Improvements - Leasehold Improvements		2
390.85	Structures and Improvements - 1800 Larimer		3
391	Office Furniture and Equipment	4.90%	
391.04	Computer Hardware	16.36%	
391.05	Computer Hardware - 3 Year Life	32.61%	
392.1	Transportation Equipment - Automobiles	7.42%	
392.2	Transportation Equipment - Light Trucks	7.36%	
392.3	Transportation Equipment - Trailers	3.17%	
392.4	Transportation Equipment - Heavy Trucks	6.17%	
393	Stores Equipment	3.16%	
394	Tools and Shop Equipment	3.92%	
395	Laboratory Equipment	9.96%	
396	Power Operated Equipment	5.90%	
397	Communication Equipment	5.45%	
398	Miscellaneous Equipment	4.64%	
Notes:			
1	Amortized over the terms of the franchise agreements or license.		
2	Amortized over the lease term.		
3	Amortized to the end of the lease term 6/2025.		
4	The revised Common Utility Plant depreciation rates accepted in Docket ER19-2077 will be reflected effective January 1, 2018 (with the 2018 True-up).		

FERC Account	Name	Depreciation/ Amortization Rate (%)	Notes
395	Laboratory Equipment	9.5	
396	Power Operated Equipment	9	
397	Communications Equipment	6.67	
398	Miscellaneous Equipment	5	
Common Intangible			
302	Franchises and Consents	N/A ¹	
303	Electric Intangible Software 3 Yr	33.3333	
303	Electric Intangible Software 7 Yr	14.2857	
303	Electric Intangible Software 10 Yr	10	
303	Electric Intangible Software 15 Yr	6.6667	
Common General			
389	General Land Rights	1.6667	
390	Structures and Improvements	2.4191	
390	1800 Larimer Leasehold Improvements	N/A ¹	
390	Leasehold Improvements	N/A ¹	
391	Office, Furniture and Equipment	4.9019	
391.05	Computers 3 Year	32.608	
391.04	Computers	16.3559	
392.1	Transportation Equipment – Automobile	7.4233	
392.2	Transportation Equipment – Light Trucks	7.3603	
392.3	Transportation Equipment – Trailers	3.1677	
392.4	Transportation Equipment – Heavy Trucks	6.1716	
393	Stores Equipment	3.164	
394	Tools Shop Equipment	3.9186	
395	Laboratory Equipment	9.9572	
396	Power Operated Equipment	5.8982	
397	Communications Equipment	5.4453	
398	Miscellaneous Equipment	4.6394	

Notes:

The Depreciation Rates were accepted in Docket ER08-224-000, Docket ER11-2853 and/or Docket ER19-XXX and will not change absent a section 205 or 206 FPA filing.

1 Electric Intangible Franchises and Leasehold Improvements are amortized over the life of the Agreement.

2 No Electric General Land Rights at December 31, 2010. To the extent PSCo acquires land rights, PSCo will make a section 205 FPA filing for approval of the depreciation rates.

3 The revised Common Utility Plant depreciation rates accepted in Docket ER19-XXX will be reflected effective January 1, 2018 (with the 2018 True-up).

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Transmission System Peak Demand Summary

Table 24
WP_I-1

Estimated System Peak Demand Summary								
Line No.	System Peak Date & Time	Generation Peak kW Col. (a)	Delete Generation Step-up Loss at Peak kW Col. (b)	Delete TIE Agmt Sales Load At Peak kW Col. (c)	Add Comanche 3 IREA at Peak kW Col. (d)	Add 3rd Party Transmission Network Load kW Col. (e)	Add Transmission Reserved Capacity kW Col. (f)	Transmission Peak kW Col. (g)
1	Jan-21							-
2	Feb-21							-
3	Mar-21							-
4	Apr-21							-
5	May-21							-
6	Jun-21							-
7	Jul-21							-
8	Aug-21							-
9	Sep-21							-
10	Oct-21							-
11	Nov-21							-
12	Dec-21							-
13	12 Month Total	-	-	-	-	-	-	-
14								
15	12 Month Average	-	-	-	-	-	-	-

Actual System Peak Demand Summary					
Line No.	System Peak Date & Time	Transmission Peak kW (1) Col. (a)	Delete TIE Agmt Sales Load At Peak kW Col. (b)	Delete Company Use kW Col. (c)	Transmission Peak kW Col. (d)
1	Jan-21				-
2	Feb-21				-
3	Mar-21				-
4	Apr-21				-
5	May-21				-
6	Jun-21				-
7	Jul-21				-
8	Aug-21				-
9	Sep-21				-
10	Oct-21				-
11	Nov-21				-
12	Dec-21				-
13	12 Month Total	-	-	-	-
14					
15	12 Month Average	-	-	-	-

Footnote 1. Amount in column (a) includes the Lamar DC tie

Public Service Company of Colorado
Transmission Formula Rate Template
Ancillary Services, Schedule No. 1 -
Scheduling System Control and Dispatch Service

Table 25
Schedule 1

Line No.	Description	Reference	Amount
1	A. Schedule 1 - Estimated ARR for Billing Period 01/01/2021 to 12/31/2021		
2	Total Load Dispatch and Scheduling (Account 561)	WP_C-1 Lines 2 through 9	\$0
3	Less: Scheduling, System Control & Dispatch Services (Account 561.4)	WP_C-1 Line 5	\$0
4	Less: Reliability, Planning and Standards Development (Account 561.5)	WP_C-1 Line 6	\$0
5	Less: Transmission Service Studies (Account 561.6)	WP_C-1 Line 7	\$0
6	Less: Generation Interconnection Studies (Account 561.7)	WP_C-1 Line 8	\$0
7	Less: Reliability, Planning & Standards Development Services (Account 561.8)	WP_C-1 Line 9	\$0
8	Total 561 Costs for Projected Schedule 1 ARR	Sum Lines 2 through 7	\$0
9			
10	Less: Schedule 1 Point to Point Estimated Revenues	WP_F-1 Line 42	\$0
11			
12	Estimated Schedule 1 ARR	(Ln 8 - Ln 10)	\$0
13			
14			
15	B. Schedule 1 Estimated Rate Calculations		
16	Estimated Average 12-Mo. Demand	WP_I-1 Line 15	0 kW
17			
18	Monthly Point to Point Rate in \$/kW - Month	((Line 12 /Line 16) /12)	\$0.000 kW
19	Weekly Point to Point Rate in \$/kW - Weekly	((Line 12 /Line 16) /52)	\$0.000 kW
20	Daily Point to Point Rate in \$/kW - Day	((Line 12 /Line 16) /365)	\$0.000 kW
21	Hourly Point to Point Rate in \$/mW - Hourly	((Line 12 /Line 16) /8760 * 1000)	\$0.000 mW
22			
23			
24			
25	C. Schedule 1 - Actual ARR for the Billing Period 01/01/2021 to 12/31/2021		
26	Total Load Dispatch and Scheduling (Account 561)	WP_C-1 Lines 2 through 9	\$0
27	Less: Scheduling, System Control & Dispatch Services (Account 561.4)	WP_C-1 Line 5	\$0
28	Less: Reliability, Planning and Standards Development (Account 561.5)	WP_C-1 Line 6	\$0
29	Less: Transmission Service Studies (Account 561.6)	WP_C-1 Line 7	\$0
30	Less: Generation Interconnection Studies (Account 561.7)	WP_C-1 Line 8	\$0
31	Less: Reliability, Planning & Standards Development Services (Account 561.8)	WP_C-1 Line 9	\$0
32	Total 561 Costs for Actual Schedule 1 ARR	Sum Lines 26 through 31	\$0
33			
34	Less: Schedule 1 Point to Point Actual Revenues Billed	WP_F-1 Line 46	\$0
35			
36	Actual Schedule 1 ARR	(Ln 32 - Ln 34)	\$0
37			
38	D. Schedule 1 Actual Rate Calculations		
39	Actual Average 12-Mo. Demand	WP_I-1 Line 15	0 kW
40			
41	Monthly Point to Point Rate in \$/kW - Month	((Line 36 /Line 39) /12)	\$0.000 kW
42	Weekly Point to Point Rate in \$/kW - Weekly	((Line 36 /Line 39) /52)	\$0.000 kW
43	Daily Point to Point Rate in \$/kW - Day	((Line 36 /Line 39) /365)	\$0.000 kW
44	Hourly Point to Point Rate in \$/mW - Hourly	((Line 36 /Line 39) /8760 * 1000)	\$0.000 mW

Public Service Company of Colorado
Transmission Formula Rate Template
Ancillary Services, Schedule No. 2 -
Reactive Supply and Voltage Control From Generation Source Services

Table 26
Schedule 2

Line No	Description	Amount	Reference/Notes
1	Annual Cost of Reactive Power Equipment		
2	Acct 314 Steam Turbogenerators	410,601,103	Most recent FF1, Pg 205, Ln 12
3	Acct 344 CT Generators	2,240,914,871	Most recent FF1, Pg 205, Ln 41
4	Subtotal of Production Accounts 314 & 344	\$2,651,515,974	Line 2 + Line 3
5	Percent of Production Plant for Dual Use	20%	Fixed Value
6	Dual use of Production Accounts 314 & 344	\$530,303,195	Line 4 * Line 5
7	Generation Step Ups	161,831,400	Most recent FF1, Footnote, Page 204, Line 58
8	Total Dual Use Production Plant	\$692,134,595	Line 6 + Line 7
9	Dual Use Plant Alloc. To Reactive Power	\$175,450,373	Line 34 * Line 8
10	Fixed Charge Rate (including O&M) for all Production Plant	0.1318	WP_FCR Line 23
11	Annual Cost of Reactive Power Equipment	\$23,126,114	Line 9 * Line 10
12	Revenue Requirement for Real Power losses related to reactive power equipment		
13	Total Production Plant Investment	\$6,229,492,560	WP_FCR Line 52
14	Less: Dual Use Plant Alloc. To Reactive Power	\$175,450,373	Line 9
15	Net Production Plant	\$6,054,042,187	Line 13 - Line 14
16	Fixed Charge Rate (including O&M) for all Production Plant	0.1318	WP_FCR Line 23
17	Total Production Plant Revenue Requirement including O&M	\$797,983,301	Line 15 * Line 16
18	Real Power Losses	0.15%	Fixed Value
19	Revenue Requirement for Real Power losses related to reactive power equipment	\$1,196,975	Line 17 * Line 18
20	Total Revenue Requirement for Reactive Power	\$24,323,089	Line 11 + Line 19
21	Average of 12 Month Coincident Peaks	5,893,076	Prior Year's True-up Formula Template
22	Rates		
23	Annual Reactive Power Charge	\$4.127	\$ per kW - Year (Line 20 / Line 21)
24	Monthly Point-to-Point Delivery	\$0.344	\$ per kW - Month (Line 23 / 12)
25	Weekly Point-to-Point Delivery	\$0.079	\$ per kW - Week (Line 23 / 52)
26	Daily Point-to-Point Delivery On-Peak	\$0.013	\$ per kW - day (Line 25 / 6)
27	Daily Point-to-Point Delivery Off-Peak	\$0.011	\$ per kW - day (Line 25 / 7)
28	Hourly Point-to-Point Delivery On-Peak	\$0.813	\$ per MWh ((Line 26 / 16) X 1000)
29	Hourly Point-to-Point Delivery Off-Peak	\$0.458	\$ per MWh ((Line 27 / 24) X 1000)
30	Network Integration Delivery	\$0.344	\$ per kW - Month (Line 23)
31	PSCO Total Rated Capacity =	8,349,691	kVA
32	PSCO Total Generator Net Max. =	7,214,192	kW
33	PSCO Total VAR Rating =	4,203,899	kVAR
34	% of Plant dedicated to VAR Production is = (kVAR^2 / kVA^2) X 100 =		25.3492%

Public Service Company of Colorado
Transmission Formula Rate Template
Ancillary Services, Schedule Nos. 3 and 3A
Regulation and Frequency Response Service

Table 29
Schedule 3 and 3A

Line No	Plant/Type	Contribution Ratio (1)	Installed Cost (\$/kW) (2)	Operation and Maintenance (\$/kW) (3)	Fixed charge (\$/kW) (d) x Prod FCR without O&M (4) or if PP (d) x 1.0	Cost of providing reactive supply services (\$/kW) (5)	Weighted Annual Cost (\$/kW) ((f)+(e)-(g)) x (c)
			col. (d)	col. (e)	col. (f)	col. (g)	col. (h)
1	Alamosa	0.1%	181.56	0.49	18.88	0.00	0.02
2	Blue Spruce	3.9%	555.06	3.23	57.73	0.12	2.39
3	Cabin Creek	2.6%	223.47	12.39	23.24	0.08	0.93
4	Cherokee	1.5%	1,208.96	15.04	125.74	0.05	2.11
5	Cherokee CC (5, 6, 7)	16.2%	314.13	5.40	32.67	0.49	6.09
6	Comanche	12.6%	963.70	19.34	100.23	0.38	15.05
7	Fort Lupton	0.1%	136.60	0.39	14.21	0.00	0.01
8	Fruita	0.0%	130.03	0.66	13.52	0.00	0.00
9	Fort Saint Vrain CC (1-4)	22.8%	522.87	8.27	54.38	0.69	14.14
10	Fort Saint Vrain CT (5-6)	1.3%	597.59	1.01	62.15	0.04	0.85
11	Hayden	4.2%	740.48	16.85	77.01	0.13	3.90
12	Pawnee	5.6%	1,731.24	28.31	180.06	0.17	11.70
13	Rocky Mountain Energy Center	19.6%	634.52	13.65	65.99	0.60	15.51
14	Valmont 6	0.0%	478.28	0.25	49.74	0.00	0.02
15	SWG Arapahoe	2.0%	72.77	0.00	72.77	0.06	1.42
16	SWG Fountain Valley	1.3%	113.76	0.00	113.76	0.04	1.49
17	Brush Cogeneration Partners (Brush 1&3) PP	0.1%	43.99	0.00	43.99	0.00	0.04
18	Brush Cogeneration Partners (Brush 4) PP	0.2%	68.70	0.00	68.70	0.01	0.13
19	Colorado Energy Management LLC (Manch) PP	2.1%	54.91	0.00	54.91	0.06	1.17
20	Plains End LLC PP	2.9%	100.28	0.00	100.28	0.09	2.91
21	Spindle Hill PP	0.8%	70.87	0.00	70.87	0.02	0.57
22							
23							
24		100.0%			Total Reg/LF cost (\$/kW)		80.44
25					losses		0.00%
26					Annual Cost (\$/MW)		80,439
27		Load	Non-VER	Wind	Solar		
28	Required Capacity (1)	65.63	4.43	64.02	3.37		
29	Divisor (1)	6,868.00	6,547.00	3,157.30	306.95		
30	Reserve obligation (Line 29/ Line 30)	0.96%	0.07%	2.03%	1.10%		
31	Rate (\$/kW/Yr)	\$ 80.44	\$ 80.44	\$ 80.44	\$ 80.44		
32	Monthly (\$/kW/Mo)	\$ 6.703	\$ 6.703	\$ 6.703	\$ 6.703		
33	Weekly (\$/kW/Wk)	\$ 1.547	\$ 1.547	\$ 1.547	\$ 1.547		
34	Daily On Peak (\$/MW/Day)	\$ 257.817	\$ 257.817	\$ 257.817	\$ 257.817		
35	Daily Off Peak (\$/MW/Day)	\$ 220.986	\$ 220.986	\$ 220.986	\$ 220.986		
36	Hourly On Peak (\$/MW/hr)	\$ 16.114	\$ 16.114	\$ 16.114	\$ 16.114		
37	Hourly Off Peak (\$/MW/hr)	\$ 9.208	\$ 9.208	\$ 9.208	\$ 9.208		
38	Network Integrated Delivery(\$/kW/Mo)	\$ 6.703	\$ 6.703	\$ 6.703	\$ 6.703		
39	Ancillary Service Delivery(\$/kW/Mo)	\$ 6.703	\$ 6.703	\$ 6.703	\$ 6.703		

Note:
(1) Fixed value that cannot change without a Section 205 or 206 filing.
(2) WP_Installed Cost, Column (g).
(3) WP_O&M Cost, Column (l).
(4) WP_FCR Line 21 minus Line 1.
(5) Column (c) times WP_Reactive Cost, Column (f). For Purchased Power, used the same Reactive Power Cost as the Plants.

Line No.	Plant	Total Cost (1) col. (a)	Total dual use for VAR Production (2) col. (b)	Cost of plant / Total Cost (a) / Ln 19 col. (c)	Total dual use for VAR Production per Plant (b x c) col. (d)	Total Cost for Reg. and Freq. Response Serv.. (a) - (d) col. (e)	Unit = Plants Selected for Op Res Spinning Reserve (3) col. (f)	Prod. FCR with O&M (4) col. (g)	Annual Cost of Gen. Plnt.. To provide Svc. (e) X (f) * (g) col. (h)	Gen. Max Name Plate (kW) (1) col. (i)
1	Arapahoe	#DIV/0!	\$ 692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
2	Cherokee 5,6,7	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
3	Comanche	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
4	Craig	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
5	Hayden	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
6	Pawnee	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
7	Valmont 5	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
8	Zuni	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
9	Alamosa	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
10	Fort Lupton	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
11	Fruita	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
12	Valmont 6	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
13	Fort St. Vrain 1-4	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
14	Fort St. Vrain 5-6	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
15	Blue Spruce	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
16	Rocky Mountain	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
17	Cherokee 4	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
18	Cabin Creek	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
19	TOTAL:	#DIV/0!		#DIV/0!	#DIV/0!	#DIV/0!			#DIV/0!	0
20	Note:									
21	(1) WP_Cost per Unit									
22	(2) Schedule 2 Line 8									
23	(3) 1 = Yes; 2 = No									
24	(4) WP_FCR Line 21									
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										

Public Service Company of Colorado
Transmission Formula Rate Template
Ancillary Services, Schedule No. 6 -
Operating Reserve - Supplemental Reserve Service

Table 31
Schedule 6

Line No.	Plant	Total Cost (1) col. (a)	Total dual use for VAR Production (2) col. (b)	Cost of plant / Total Cost (a) / Ln 19 col. (c)	Total dual use for VAR Production per Plant (b x c) col. (d)	Total Cost for Oper. Reserve Supplemental (a) - (d) col. (e)	Unit = Plants Selected Oper. Reserve Spinning Serv. (3) col. (f)	Prod. FCR with O&M (4) col. (g)	Annual Cost of Selected Plant to Provide Service (e) * (f) * (g) col. (h)	Gen. Max Name Plate (kW) col. (i)
1	Arapahoe	#DIV/0!	\$ 692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
2	Cherokee 5,6,7	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
3	Comanche	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
4	Craig	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
5	Hayden	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
6	Pawnee	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
7	Valmont 5	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
8	Zuni	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
9	Alamosa	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
10	Fort Lupton	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
11	Fruita	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
12	Valmont 6	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
13	Fort St. Vrain 1-4	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
14	Fort St. Vrain 5-6	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
15	Blue Spruce	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
16	Rocky Mountain	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
17	Cherokee 4	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
18	Cabin Creek	#DIV/0!	692,134,595	#DIV/0!	#DIV/0!	#DIV/0!		0.1318	#DIV/0!	0
19	TOTAL:	#DIV/0!		#DIV/0!	#DIV/0!	#DIV/0!			#DIV/0!	0
20	Notes:									
21	(1) WP_Cost per Unit						Average Generation Unit Cost to Provide Service		#DIV/0! per kW year (Col. (h) Ln 19 / Col. (i) Ln 19)	
22	(2) Schedule 2 Line 8									
22	(3) 1 = Yes; 2 = No						Monthly Point-to-Point Delivery		#DIV/0! per kW month (Line 21 / 12)	
22	(4) WP_FCR Line 21									
23							Weekly Point-to-Point Delivery		#DIV/0! per kW week (Line 21 / 52)	
24							Daily Point-to-Point Delivery On-Peak		#DIV/0! per kW day (Line 23 / 6)	
25							Daily Point-to-Point Delivery Off-Peak	#DIV/0!	\$ per kW - day (Line / 7)	
26							Hourly Point-to-Point Delivery On-Peak		#DIV/0! per MWh ((Line 24 / 16) X 1000)	
27							Hourly Point-to-Point Delivery Off-Peak	#DIV/0!	\$ per MWh ((Line 27 / 24) X 1000)	
27							Network Integration Delivery		#DIV/0! per kW month (Line 22)	

Public Service Company of Colorado
Transmission Formula Rate Template
Fixed Charge Rate Worksheet ("FCR")
12 Months Ended December 31, 2021

Table 32
WP_FCR

Line No.		Production	Reference
1	(1) O&M	0.02781	Line 58
2			
3	(2) Other Taxes	0.01034	Line 71
4			
5	(3) A&G	0.01215	Line 85
6			
7	(4) Return (1)	0.07160	Line 134
8			
9	(5) Depreciation (1)	0.00813	Line 149
10			
11	(6) Composite Income Tax	0.01217	Line 153
12			
13	(7) General & Intangible Plant	0.00338	Line 174
14			
15	(8) Cash Working Capital	0.00000	Line 180
16			
17	(9) ADIT Adjustment	-0.01271	Line 203
18			
19	(10) Materials & Supplies	0.00015	Line 216
20			
21	(11)PSCo ARAM and (Excess)/Deficient ADIT	-0.00120	Line 240
22			
23	FIXED CHARGE RATE	0.13181	
24			
25	Note: 1. Return on Equity and the Depreciation rates cannot change without a Section 205 or 206 filing.		

Public Service Company of Colorado
Transmission Formula Rate Template
Fixed Charge Rate Worksheet ("FCR")
12 Months Ended December 31, 2021

Table 32
WP_FCR

	Reference	\$ Amount
(1) O&M Expense:		
A. Total Power Production Expenses	Pg 321, Ln 80b	1,623,226,980
B. Purchased Power Expenses (Acct. 555)	Pg 321.76b	925,454,207
C. Energy Related O&M		
Account 501	Pg 320, Ln 5b	226,351,077
Account 503	Pg 320, Ln 7b	0
Account 504	Pg 320, Ln 8b	0
Account 509	Pg 320, Ln 12b	0
Account 510	Pg 320, Ln 15b	3,479,854
Account 512	Pg 320, Ln 17b	23,137,761
Account 513	Pg 320, Ln 18b	9,414,025
Account 518	Pg 320, Ln 25b	0
Account 528	Pg 320, Ln 35b	0
Account 530	Pg 320, Ln 37b	0
Account 531	Pg 320, Ln 38b	0
Account 544	Pg 320, Ln 56b	402,640
Account 547	Pg 321, Ln 63b	256,202,169
Total C	Sum Line 36 - Line 48	518,987,526
D. Total Production Plant Investment		
Total Production Plant	Pg 205, Ln 46g	6,229,492,560
Less: Production ARO	Pg 205, -Ln 15g	38,451,157
Plus Generator Step Ups	Schedule 2 Line 7	161,831,400
Total D	Sum Line 52 - Line 54	6,429,775,117
Production O&M FCR	(A-B-C)/D =	0.02781
(2) OTHER TAXES EXPENSE		
A. Other Taxes (Electric Only)	Pg 115, Ln 14g	163,001,788
B. Total Electric Plant in Service		
Electric Plant in Service (Less ARO)	Pg 207, Ln 100g	14,820,838,592
Less ARO	Pg 207, Ln 15, Ln 34 Ln 44, Ln 57, Ln 74, Ln 83, Ln 98	68,401,150
Common Electric Plant in Service	Pg 356	652,012,795
Plus Total Acquisition Adjustment	WP_B-4 Line 15 ,Col. (d)	225,557,123
Total Electric Plant in Service	Sum Line 65 - Line 68	15,766,809,660
Other Taxes FCR	A/B	0.01034
(3) A&G EXPENSE		
A. Production Wages Expense	Pg 354, Ln 20b	65,304,399
B. A&G Wages Expense	Pg 323, Ln 181b	57,953,106
C. Total Wages Expense	Pg 354, Ln 28b	201,170,303
D. Total A&G related O&M	Pg 323, Ln 197b	171,284,149
E. Total Production Plant Investment	Line 56	6,429,775,117
A&G Expense FCR	(A/(C-B))*D/E	0.01215

Public Service Company of Colorado
Transmission Formula Rate Template
Fixed Charge Rate Worksheet ("FCR")
12 Months Ended December 31, 2021

Table 32
WP_FCR

87	(4) RATE OF RETURN WORKSHEET	Reference	\$ Amount
88			
89			
90	A. Common Equity Calculation		
91			
92	Proprietary Capital	Pg 112 Ln 16c	6,996,195,564
93			
94	Less: Preferred Stock Issued	Pg 112 Ln 3c	0
95			
96	Less: Account No. 216.1	Pg 112 Ln 12c	-5,364,749
97			
98	Less: Accum other comprehensive Income	Pg 112 Ln 15	-26,630,508
99			
100	Common Equity =	Line 92 - 94 - 96 - 98	7,028,190,821
101			
102	B. Rate of Return Calculation		
103			
104	Long Term Debt	pg.112, sum of 18c thru 21c	5,450,000,000
105			
106	Preferred Stock	(Pg.112 Ln 3c)	0
107			
108	Common Equity	Line 100	7,028,190,821
109			
110	Total Capital =	Line 104 + 106 + 108	12,478,190,821
111			
112	C. Cost of Debt		
113	Interest on Long Term Debt	Pg 117 Ln 62c	204,427,038
114	Interest on Debt to Assoc. Companies (LTD portion only)	Pg 117 Ln 67c	2,005,660
115	Amortization of Debt Discount and Expense	Pg 117 Ln 63c	3,981,908
116	Amortization of Loss on Reacquired Debt	Pg 117 Ln 64c	1,150,933
117	Less: Amort of Premium on Debt	Pg 117 Ln 65c	0
118	Less: Amort of Gain on Reacquired Debt	Pg 117 Ln 66c	0
119	Total Interest Expense		211,565,539
120			
121	Average Cost of Debt (Line 119 / Line 104)		3.88%
122			
123	D. Cost of Preferred Stock		
124	Preferred Stock Dividends	Pg 118 Ln 29c	0
125			
126	Average Cost of Preferred Stock (Line 124 / Line 106)		0
127			
128			
129			
130			
131	Long Term Debt	Amount	%
132	Preferred Stock	\$0	0.00%
133	Common Equity (1)	\$7,028,190,821	56.32%
134	Total	\$12,478,190,821	100%
135			
136			

CAPITAL STRUCTURE				
	Amount	%	%	Weighted Cost Of Capital %
Long Term Debt	\$5,450,000,000	43.68%	3.88%	1.69%
Preferred Stock	\$0	0.00%	0.00%	0.00%
Common Equity (1)	\$7,028,190,821	56.32%	9.72%	5.47%
Total	\$12,478,190,821	100%	ROR=	7.16%

Public Service Company of Colorado
Transmission Formula Rate Template
Fixed Charge Rate Worksheet ("FCR")
12 Months Ended December 31, 2021

Table 32
WP_FCR

137			
138			
139	(5) DEPRECIATION EXPENSE	Reference	\$ Amount
140			
141	Production Depreciation Expense	Pg 336 Lns 2-6b	198,046,753
142			
143	Total Production Plant Investment	Line 56	6,429,775,117
144			
145	SLDp =	Line 141 / 143	0.03080
146			
147	n =	1 / Line 145	32.466
148			
149	SFDp =	$R/(1+R)^{n-1}$	0.00813
150			
151	(6) COMPOSITE INCOME TAX EXPENSE		
152			
153	Production CIT=		0.01217
154	Formula: $(21/79 + \text{State Tx}) / (1 - \text{State Tx}) * (\text{ROR} + \text{SFD} - \text{SLD}) * (1 - \text{Wtd.LTD} / \text{ROR})$		
155	State Tax Rate	0.0450	
156			
157			
158			
159			
160			
161			
162			
163			
164	(7) General & Intangible Plant		
165			
166	Production Wages Expense	Line 75	65,304,399
167	Total Wage Expense Less A&G Wage expenses	Line 79 - Line 77	143,217,197
168	Production W/S Allocator	Line 166 / Line 167	45.60%
169	General & Intangible plant	Pg 205 and 207, Lns5G + 96 G	531,745,762
170	General & Intangible plant allocated to Production	Line 168 * Line 169	242,466,255
171	Revenue Requirement FCR	Line 3 + 7 + 9 + 11 + 17 + 19	8.967%
172	General & Intangible Plant Revenue Requirement	Line 170 * Line 171	21,742,725
173	Total Production Plant Investment	Line 52	6,429,775,117
174	General & Intangible Plant FCR	Line 172 / Line 173	0.00338
175			
176			
177			
178	(8) Cash Working Capital		
179			
180	Cash Working Capital will be set at and remain \$0 until such time as PSCo files and receives FERC approval.		
181			
182			
183	(9) ACCUMULATED DEFERRED INCOME TAX		
184			
185	Total Production plant	Line 56	6,429,775,117
186	Total Electric Plant	Line 69	15,766,809,660
187	Accumulated Deferred Income Tax		
188	Account 190	Pg 234 Ln 2c + 3c	662,813,232
189	Account 281	Pg 273 Ln 4k	-122,716,028
190	Account 282	Pg 275 Ln 2k	-2,739,387,888
191	Account 283	Pg 277 Ln 9k	-186,896,240
192	Excess ADIT	Pg 278 Footnote	-19,591,413
193	Deficient ADIT	Pg 232 Footnote	13,617,655
194	Total ADIT		-2,392,160,682
195			
196	A. Production share of ADIT	(Line 185 / 186) * Line 194	(975,533,767)
197			
198			
199	B. Return and Taxes	Line 7 + 11	8.377%
200			
201	C. Production Plant (plus step ups)		6,429,775,117
202			
203	(A x B) / C =		(0.012709)
204			
205	(10) Materials & Supplies		
206			
207			
208			
209	A. Total Non-Fuel M&S	Pg 227 Ln 7	31,513,623
210	B. ROR	Line 134	7.16%
211	C. Return on M&S	Line 209 * 210	2,256,375
212	D. Total Prod Plnt	Line 52	6,229,492,560
213			
214	E. Total Plnt in Service	Line 65	14,820,838,592
215	F. % of Prod Plant	Line 212 / 214	0.4203

Public Service Company of Colorado
Transmission Formula Rate Template
Fixed Charge Rate Worksheet ("FCR")
12 Months Ended December 31, 2021

Table 32
WP_FCR

216	G. Prod M&S Factor	(Line 211 * 215) / Line 212	0.00015
217			

Public Service Company of Colorado
Transmission Formula Rate Template
Cost Per Unit

Table 33
WP_Cost per Unit

Line No	Plant	Total Cost (1)	Name Plate kW (2)	Percent of Name Plate	Non VAR Step Ups (d) * Ln 22	Total Cost W/ Step Ups (b) + (e)
	Col. (a)	Col. (b)	Col. (c)	Col. (d)	Col. (e)	Col. (f)
1				#DIV/0!	#DIV/0!	#DIV/0!
2				#DIV/0!	#DIV/0!	#DIV/0!
3				#DIV/0!	#DIV/0!	#DIV/0!
4				#DIV/0!	#DIV/0!	#DIV/0!
5				#DIV/0!	#DIV/0!	#DIV/0!
6				#DIV/0!	#DIV/0!	#DIV/0!
7				#DIV/0!	#DIV/0!	#DIV/0!
8				#DIV/0!	#DIV/0!	#DIV/0!
9				#DIV/0!	#DIV/0!	#DIV/0!
10				#DIV/0!	#DIV/0!	#DIV/0!
11				#DIV/0!	#DIV/0!	#DIV/0!
12				#DIV/0!	#DIV/0!	#DIV/0!
13				#DIV/0!	#DIV/0!	#DIV/0!
14				#DIV/0!	#DIV/0!	#DIV/0!
15				#DIV/0!	#DIV/0!	#DIV/0!
16				#DIV/0!	#DIV/0!	#DIV/0!
17				#DIV/0!	#DIV/0!	#DIV/0!
18				#DIV/0!	#DIV/0!	#DIV/0!
19	Total	\$0	-	#DIV/0!	#DIV/0!	#DIV/0!
20		Non VAR Related Percent (1- Schedule 2 Line 26)			74.651%	
21			GSU's (Schedule 2, Line 7)		161,831,400	
22		Recoverable Non VAR GSU (Line 19 * Line 20)			120,808,484	

(1) FERC Form No. 1 Pages 402-403, Line 17

(2) FERC Form No. 1 Pages 402-403, Line 5

**Public Service Company of Colorado
Transmission Formula Rate Template**

Table 34

Table intentionally left blank and held for future use.

Public Service Company of Colorado
Transmission Formula Rate Template
Ancillary Services, Schedule No. 16
Flex Reserves

Table 35
Schedule 16

Line No	Plant/Type	col. (b)	Contribution	Installed	Operation and	Fixed charge	Cost of providing	Weighted Annual Cost (\$/kW) ((f)+(e)-(g)) x (c) col. (h)
			Ratio (1) col. (c)	Cost (\$/kW) (2) col. (d)	Maintenance (\$/kW) (3) col. (e)	(d) x Prod FCR without O&M (4) or if PP (d) x 1.0 col. (f)	reactive supply services (\$/kW) (5) col. (g)	
1	Alamosa		1.2%	181.56	0.49	18.88	0.04	0.23
2	Blue Spruce		8.7%	555.06	3.23	57.73	0.26	5.26
3	Cabin Creek		5.3%	223.47	12.39	23.24	0.16	1.87
4	Cherokee		3.6%	1,208.96	15.04	125.74	0.11	5.02
5	Cherokee CC (5, 6, 7)		4.6%	314.13	5.40	32.67	0.14	1.76
6	Comanche		4.9%	963.70	19.34	100.23	0.15	5.90
7	Fort Lupton		2.0%	136.60	0.39	14.21	0.06	0.29
8	Fruita		0.6%	130.03	0.66	13.52	0.02	0.09
9	Fort Saint Vrain CC (1-4)		7.0%	522.87	8.27	54.38	0.21	4.35
10	Fort Saint Vrain CT (5-6)		10.9%	597.59	1.01	62.15	0.33	6.87
11	Hayden		1.7%	740.48	16.85	77.01	0.05	1.55
12	Pawnee		3.2%	1,731.24	28.31	180.06	0.10	6.64
13	Rocky Mountain Energy Center		7.9%	634.52	13.65	65.99	0.24	6.27
14	Valmont 6		1.6%	478.28	0.25	49.74	0.05	0.79
15	SWG Arapahoe		3.1%	72.77	0.00	72.77	0.09	2.26
16	SWG Fountain Valley		5.6%	113.76	0.00	113.76	0.17	6.41
17	Brush Cogeneration Partners (Brush 1&3) PP		2.7%	43.99	0.00	43.99	0.08	1.21
18	Brush Cogeneration Partners (Brush 4) PP		3.6%	68.70	0.00	68.70	0.11	2.45
19	Colorado Energy Management LLC (Manch) PP		8.3%	54.91	0.00	54.91	0.25	4.52
20	Plains End LLC PP		8.2%	100.28	0.00	100.28	0.25	8.25
21	Spindle Hill PP		5.3%	70.87	0.00	70.87	0.16	3.75
22								
23								
24			100.0%					75.74
25								0.00%
26								75,740
27	Required Capacity (1)	976.78						
28	Wind Nameplate	4,094						
29	Reserve obligation (Line 29 / Line 30)	23.86%						
30	Rate (\$/kW/Yr)	\$ 75.74						
31	Monthly (\$/kW/Mo)	\$ 6.312						
32	Weekly (\$/kW/Wk)	\$ 1.457						
33	Daily On Peak (\$/MW/Day)	\$242.756						
34	Daily Off Peak (\$/MW/Day)	\$208.077						
35	Hourly On Peak (\$/MW/hr)	\$ 15.172						
36	Hourly Off Peak (\$/MW/hr)	\$ 8.670						
37	Network Integrated Delivery(\$/kW/Mo)	\$ 6.312						
38	Ancillary Service Delivery(\$/kW/Mo)	\$ 6.312						

Note:
(1) Fixed value that cannot change without a Section 205 or 206 filing.
(2) WP_Installed Cost, Column (g).
(3) WP_O&M Cost, Column (l).
(4) WP_FCR Line 21 minus Line 1.
(5) Column (c) times WP_Reactive Cost, Column (f). For Purchased Power, used the same Reactive Power Cost as the Plants.

Public Service Company of Colorado
Transmission Formula Rate Template
Installed Cost
12 Months Ended December 31, 2021

Table 36
WP_Installed Cost

Line No	Plant	Fuel Expense (\$) (1)	Generation (kwh) (2)	Fuel Expense (\$/kwh) (b) / (c)	Name Plate (MW) (3)	Cumulative Name Plate capacity (MW) (f)	Production Investment (\$/KW) (4)	Plant factor (c)/(e)/8760/1000 col. (h)
	col. (a)	col. (b)	col. (c)	col. (d)	col. (e)	col. (f)	col. (g)	
1	Alamosa	496,007	7,781,000	0.0637	53	53	182	0.0167
2	Blue Spruce	16,657,893	448,952,000	0.0371	398	451	555	0.1288
3	Cabin Creek	4,254,567	191,223,000	0.0222	300	751	223	0.0728
4	Cherokee	34,204,214	955,937,000	0.0358	506	1,257	1,209	0.2157
5	Cherokee CC (5, 6, 7)	72,500,841	3,029,197,000	0.0239	626	1,882	314	0.5527
6	Comanche	110,397,713	6,658,643,000	0.0166	1,635	3,518	964	0.4648
7	Fort Lupton	532,772	7,857,000	0.0678	101	3,619	137	0.0089
8	Fruita	151,186	1,270,000	0.1190	27	3,645	130	0.0054
9	Fort Saint Vrain CC (1-4)	97,066,416	3,892,102,000	0.0249	868	4,513	523	0.5120
10	Fort Saint Vrain CT (5-6)	4,179,506	99,362,000	0.0421	281	4,794	598	0.0404
11	Hayden	38,360,119	1,345,849,000	0.0285	465	5,259	740	0.3301
12	Pawnee	39,397,357	2,511,926,000	0.0157	552	5,811	1,731	0.5192
13	Rocky Mountain Energy Center	64,388,770	2,592,590,000	0.0248	685	6,496	635	0.4320
14	Valmont 6	228,380	1,213,000	0.1883	59	6,556	478	0.0023
15	SWG Arapahoe	9,135,309	208,962,370	0.0437	119	6,674	73	0.2008
16	SWG Fountain Valley	2,360,769	48,842,330	0.0483	242	6,916	114	0.0230
17	Brush Cogeneration Partners (Brush 1&3) PP	2,458,735	41,526,000	0.0592	90	7,006	44	0.0527
18	Brush Cogeneration Partners (Brush 4) PP	4,454,573	91,100,000	0.0489	147	7,153	69	0.0707
19	Colorado Energy Management LLC (Manch) PP	15,429,377	332,777,000	0.0464	302	7,455	55	0.1260
20	Plains End LLC PP	2,380,286	10,487,000	0.2270	229	7,684	100	0.0052
21	Spindle Hill PP	12,739,186	270,269,000	0.0471	314	7,998	71	0.0983

Note:
(1) FERC Form No. 1 Pages 326, Column (k) and 402-406, Line 20
(2) FERC Form No. 1 Page 326, Column (g), and Page 402 - 406, Line 12
(3) FERC Form No. 1 Page 402 - 406, Line 5. For Purchased Power, the Name Plate capacity is a fixed value that cannot change without a Section 205 or 206 filing.
(4) FERC Form No. 1 Pages 402-406, Line 18. For Purchased Power, the Production Investment is the demand charge (FERC Form No. 1 Page 326, Column (j)) divided by the Name Plate (c)

Public Service Company of Colorado
Transmission Formula Rate Template
O&M Costs
Twelve Months Ended December 31, 2021

Table 37
WP_O&M Cost

Line No	Plant	Name Plate (MW) (1)	Production Expenses: Oper, Supv, & Engr (\$) (2)	Coolants and Water (Nuclear Plants Only) (\$) (3)	Steam Expenses (\$) (4)	Electric Expenses (\$) (5)	Misc Steam (or Nuclear) Power Expenses (\$) (6)	Rents (\$) (7)	Maintenance of Structures (\$) (8)	Maintenance of Misc Steam (or Nuclear) Plant (\$) (9)	Total Expenses (\$) sum((c):(j)) col. (k)	Total (\$/kW) (k)/(b)/1000 col. (l)
	col. (a)	col. (b)	col. (c)	col. (d)	col. (e)	col. (f)	col. (g)	col. (h)	col. (i)	col. (j)	col. (k)	col. (l)
1	Alamosa	53	616	0	0	46	5,263	1,527	6,783	11,832	26,067	0.49
2	Blue Spruce	398	35,622	0	0	33,500	664,259	88,094	433,496	29,778	1,284,749	3.23
3	Cabin Creek	300	176,672	0	0	1,175,345	1,389,133	293,657	320,494	360,775	3,716,076	12.39
4	Cherokee	506	362,635	0	1,206,288	1,230,055	1,175,782	314,858	1,516,622	1,801,645	7,607,885	15.04
5	Cherokee CC (5, 6, 7)	626	239,847	0	0	415,854	1,603,383	594,393	332,997	193,259	3,379,733	5.40
6	Comanche	1,635	1,316,139	0	13,516,447	2,794,086	4,902,779	3,149,873	3,200,068	2,742,573	31,621,965	19.34
7	Fort Lupton	101	3,645	0	0	46	576	1,542	30,164	2,842	38,815	0.39
8	Fruita	27	101	0	0	4,096	2,959	249	10,263	14	17,682	0.66
9	Fort Saint Vrain CC (1-4)	868	519,229	0	0	3,229,034	1,000,758	764,423	1,206,542	461,184	7,181,170	8.27
10	Fort Saint Vrain CT (5-6)	281	16,955	0	0	138,633	38,093	19,527	51,952	19,114	284,274	1.01
11	Hayden	465	552,278	0	2,811,188	978,011	1,671,219	443,112	669,939	716,905	7,842,652	16.85
12	Pawnee	552	386,975	0	6,681,138	1,777,824	2,387,578	827,036	1,058,907	2,515,507	15,634,965	28.31
13	Rocky Mountain Energy Center	685	784,922	0	0	1,912,913	4,160,085	508,721	1,371,447	615,145	9,353,233	13.65
14	Valmont 6	59	96	0	0	1,569	89	238	12,750	266	15,008	0.25
15	SWG Arapahoe	119	0	0	0	0	0	0	0	0	0	-
16	SWG Fountain Valley	242	0	0	0	0	0	0	0	0	0	-
17	Brush Cogeneration Partners (Brush 1&3) PP	90	0	0	0	0	0	0	0	0	0	-
18	Brush Cogeneration Partners (Brush 4) PP	147	0	0	0	0	0	0	0	0	0	-
19	Colorado Energy Management LLC (Manch) PP	302	0	0	0	0	0	0	0	0	0	-
20	Plains End LLC PP	229	0	0	0	0	0	0	0	0	0	-
21	Spindle Hill PP	314	0	0	0	0	0	0	0	0	0	-

Note:

- (1) WP_Installed Cost, Col (e).
- (2) FERC Form No. 1 Pages 402-406, Line 19 and Page 408, Line 24
- (3) FERC Form No. 1 Pages 402-406, Line 21
- (4) FERC Form No. 1 Pages 402-406, Line 22
- (5) FERC Form No. 1 Pages 402-406, Line 25 and Page 408, Line 26
- (6) FERC Form No. 1 Pages 402-406, Line 26 and Page 408, Line 28
- (7) FERC Form No. 1 Pages 402-406, Line 27 and Page 408, Line 29
- (8) FERC Form No. 1 Pages 402-406, Line 30 and Page 408, Line 31
- (9) FERC Form No. 1 Pages 402-406, Line 33 and Page 408, Line 34

Public Service Company of Colorado
Transmission Formula Rate Template
Cost of Providing Reactive Supply
Twelve Months Ended December 31, 2021

Table 38
WP_Reactive Cost

Line No	Plant	Name Plate (MW) (1)	Percent of Name Plate col. (c)	Reactive Power Revenue Requirement (c) * Line 23 col. (d)	Reactive Power \$/MW/Year (d) / (b) col. (e)	Reactive Power \$/KW/Year (e) / 1000 col. (f)
	col. (a)	col. (b)				
1	Alamosa	53	0.0067	162,041	3,041	3.041302
2	Blue Spruce	398	0.0497	1,209,830	3,041	3.041302
3	Cabin Creek	300	0.0375	912,392	3,041	3.041302
4	Cherokee	506	0.0632	1,538,291	3,041	3.041302
5	Cherokee CC (5, 6, 7)	626	0.0782	1,902,639	3,041	3.041302
6	Comanche	1,635	0.2045	4,973,441	3,041	3.041302
7	Fort Lupton	101	0.0126	306,563	3,041	3.041302
8	Fruita	27	0.0033	81,020	3,041	3.041302
9	Fort Saint Vrain CC (1-4)	868	0.1085	2,639,394	3,041	3.041302
10	Fort Saint Vrain CT (5-6)	281	0.0351	853,085	3,041	3.041302
11	Hayden	465	0.0582	1,415,392	3,041	3.041302
12	Pawnee	552	0.0691	1,679,802	3,041	3.041302
13	Rocky Mountain Energy Center	685	0.0857	2,083,596	3,041	3.041302
14	Valmont 6	59	0.0074	180,350	3,041	3.041302
15	SWG Arapahoe	119	0.0149	361,307	3,041	3.041302
16	SWG Fountain Valley	242	0.0303	735,995	3,041	3.041302
17	Brush Cogeneration Partners (Brush 1&3) PP	90	0.0113	273,717	3,041	3.041302
18	Brush Cogeneration Partners (Brush 4) PP	147	0.0184	447,071	3,041	3.041302
19	Colorado Energy Management LLC (Manch) PP	302	0.0377	916,953	3,041	3.041302
20	Plains End LLC PP	229	0.0286	695,242	3,041	3.041302
21	Spindle Hill PP	314	0.0393	954,969	3,041	3.041302
22						
23	Total (2)	7,998	1.0000	24,323,089		

Note:

(1) WP_Installed Cost, Col (e).

(2) Reactive Power Revenue Requirement from Schedule 2, Line 20.

Rate Year =

1	Account 190- Accumulated Deferred Income Taxes													
2	Plant Related- Direct Assigned to Transmission					Averaging with Proration - Projected			Averaging Preserving Projected Proration - True-up					
3	Days in Period													
4	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	Month	Days in the Month	Number of Days Remaining in Year After Month's Accrual of Deferred Taxes	Total Days in Future Portion of Test Period	Proration Amount (C / D)	Projected Monthly Activity	Prorated Projected Monthly Activity (E x F)	Prorated Projected Balance (Cumulative Sum of G)	Actual Monthly Activity	Difference between projected and actual activity (See Note 1.)	Preserve proration when actual monthly and projected monthly activity are either both increases or decreases. (See Note 2.)	Difference between projected and actual activity when actual and projected activity are either both increases or decreases. (See Note 3.)	Actual activity (Col I) when projected activity is an increase while actual activity is a decrease OR projected activity is a decrease while actual activity is an increase. (See Note 4.)	Balance reflecting proration or averaging (See Note 5.)
5	December 31st Balance - Prorated Items													
6	January	31	335	365	91.78%	-	-	-	-	-	-	-	-	-
7	February	28	307	365	84.11%	-	-	-	-	-	-	-	-	-
8	March	31	276	365	75.62%	-	-	-	-	-	-	-	-	-
9	April	30	246	365	67.40%	-	-	-	-	-	-	-	-	-
10	May	31	215	365	58.90%	-	-	-	-	-	-	-	-	-
11	June	30	185	365	50.68%	-	-	-	-	-	-	-	-	-
12	July	31	154	365	42.19%	-	-	-	-	-	-	-	-	-
13	August	31	123	365	33.70%	-	-	-	-	-	-	-	-	-
14	September	30	93	365	25.48%	-	-	-	-	-	-	-	-	-
15	October	31	62	365	16.99%	-	-	-	-	-	-	-	-	-
16	November	30	32	365	8.77%	-	-	-	-	-	-	-	-	-
17	December	31	1	365	0.27%	-	-	-	-	-	-	-	-	-
18	Total		2,029	4,380		-	-	-	-	-	-	-	-	-
19														
20														
21														
22														
23														
24														
25														
26	Ending Balance of Prorated items					(Line 19, Col H)			(Line 19, Col N)					
27														
28	Non-prorated Average Balance					(WP_B-3, Average of Line 23, Cols (a) and (b))			(WP_B-3, Average of Line 26, Cols (a) and (b))					
29	Proration Adjustment					(Line 26 minus Line 28)			(Line 26 minus Line 28)					
30														
31														
32	Account 190- Accumulated Deferred Income Taxes													
33	Plant Related- Allocated to Transmission					Averaging with Proration - Projected			Averaging Preserving Projected Proration - True-up					
34	Days in Period													
35	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	Month	Days in the Month	Number of Days Remaining in Year After Month's Accrual of Deferred Taxes	Total Days in Future Portion of Test Period	Proration Amount (C / D)	Projected Monthly Activity	Prorated Projected Monthly Activity (E x F)	Prorated Projected Balance (Cumulative Sum of G)	Actual Monthly Activity	Difference between projected and actual activity (See Note 1.)	Preserve proration when actual monthly and projected monthly activity are either both increases or decreases. (See Note 2.)	Difference between projected and actual activity when actual and projected activity are either both increases or decreases. (See Note 3.)	Actual activity (Col I) when projected activity is an increase while actual activity is a decrease OR projected activity is a decrease while actual activity is an increase. (See Note 4.)	Balance reflecting proration or averaging (See Note 5.)
36	December 31st Balance - Prorated Items													
37	January	31	335	365	91.78%	-	-	-	-	-	-	-	-	-
38	February	28	307	365	84.11%	-	-	-	-	-	-	-	-	-
39	March	31	276	365	75.62%	-	-	-	-	-	-	-	-	-
40	April	30	246	365	67.40%	-	-	-	-	-	-	-	-	-
41	May	31	215	365	58.90%	-	-	-	-	-	-	-	-	-
42	June	30	185	365	50.68%	-	-	-	-	-	-	-	-	-
43	July	31	154	365	42.19%	-	-	-	-	-	-	-	-	-
44	August	31	123	365	33.70%	-	-	-	-	-	-	-	-	-
45	September	30	93	365	25.48%	-	-	-	-	-	-	-	-	-
46	October	31	62	365	16.99%	-	-	-	-	-	-	-	-	-
47	November	30	32	365	8.77%	-	-	-	-	-	-	-	-	-
48	December	31	1	365	0.27%	-	-	-	-	-	-	-	-	-
49	Total		2,029	4,380		-	-	-	-	-	-	-	-	-
50														
51														
52														
53														
54														
55														
56														
57	Ending Balance of Prorated items					(Line 50, Col H)			(Line 50, Col N)					
58														
59	Non-prorated Average Balance					(WP_B-3, Average of Line 36, Cols (a) and (b))			(WP_B-3, Average of Line 36, Cols (a) and (b))					
60	Proration Adjustment					(Line 57 minus Line 59)			(Line 57 minus Line 59)					
61														
62														
63	Account 190- Accumulated Deferred Income Taxes													
64	Related to All Plant													

Public Service Company of Colorado
Transmission Formula Rate Template
Accumulated Deferred Income Taxes Proration Adjustments

Table 39
WP_ADIT Prorate

66	Days in Period					Averaging with Proration - Projected			Averaging Preserving Projected Proration - True-up					
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	Month	Days in the Month	Number of Days Remaining in Year After Month's Accrual of Deferred Taxes	Total Days in Future Portion of Test Period	Proration Amount (C / D)	Projected Monthly Activity	Prorated Projected Monthly Activity (E x F)	Prorated Projected Balance (Cumulative Sum of G)	Actual Monthly Activity	Difference between projected and actual activity (See Note 1.)	Preserve proration when actual monthly and projected monthly activity are either both increases or decreases. (See Note 2.)	Difference between projected and actual activity when actual and projected activity are either both increases or decreases. (See Note 3.)	Actual activity (Col I) when projected activity is an increase while actual activity is a decrease OR projected activity is a decrease while actual activity is an increase. (See Note 4.)	Balance reflecting proration or averaging (See Note 5.)
67	December 31st Balance - Prorated Items													
68	January	31	335	365	91.78%	-	-	-	-	-	-	-	-	-
69	February	28	307	365	84.11%	-	-	-	-	-	-	-	-	-
70	March	31	276	365	75.62%	-	-	-	-	-	-	-	-	-
71	April	30	246	365	67.40%	-	-	-	-	-	-	-	-	-
72	May	31	215	365	58.90%	-	-	-	-	-	-	-	-	-
73	June	30	185	365	50.68%	-	-	-	-	-	-	-	-	-
74	July	31	154	365	42.19%	-	-	-	-	-	-	-	-	-
75	August	31	123	365	33.70%	-	-	-	-	-	-	-	-	-
76	September	30	93	365	25.48%	-	-	-	-	-	-	-	-	-
77	October	31	62	365	16.99%	-	-	-	-	-	-	-	-	-
78	November	30	32	365	8.77%	-	-	-	-	-	-	-	-	-
79	December	31	1	365	0.27%	-	-	-	-	-	-	-	-	-
80	Total		2,029	4,380		-	-	-	-	-	-	-	-	-
81	Ending Balance of Prorated items					(Line 81, Col H)			(Line 81, Col N)					
82														
83	Non-prorated Average Balance					(WP_B-3, Average of Line 47, Cols (a) and (b))			(WP_B-3, Average of Line 47, Cols (a) and (b))					
84	Proration Adjustment					(Line 88 minus Line 90)			(Line 88 minus Line 90)					
85														
86	Account 281 - Accelerated amortization property													
87	Days in Period					Averaging with Proration - Projected			Averaging Preserving Projected Proration - True-up					
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	Month	Days in the Month	Number of Days Remaining in Year After Month's Accrual of Deferred Taxes	Total Days in Future Portion of Test Period	Proration Amount (C / D)	Projected Monthly Activity	Prorated Projected Monthly Activity (E x F)	Prorated Projected Balance (Cumulative Sum of G)	Actual Monthly Activity	Difference between projected and actual activity (See Note 1.)	Preserve proration when actual monthly and projected monthly activity are either both increases or decreases. (See Note 2.)	Difference between projected and actual activity when actual and projected activity are either both increases or decreases. (See Note 3.)	Actual activity (Col I) when projected activity is an increase while actual activity is a decrease OR projected activity is a decrease while actual activity is an increase. (See Note 4.)	Balance reflecting proration or averaging (See Note 5.)
88	December 31st Balance - Prorated Items													
89	January	31	335	365	91.78%	-	-	-	-	-	-	-	-	-
90	February	28	307	365	84.11%	-	-	-	-	-	-	-	-	-
91	March	31	276	365	75.62%	-	-	-	-	-	-	-	-	-
92	April	30	246	365	67.40%	-	-	-	-	-	-	-	-	-
93	May	31	215	365	58.90%	-	-	-	-	-	-	-	-	-
94	June	30	185	365	50.68%	-	-	-	-	-	-	-	-	-
95	July	31	154	365	42.19%	-	-	-	-	-	-	-	-	-
96	August	31	123	365	33.70%	-	-	-	-	-	-	-	-	-
97	September	30	93	365	25.48%	-	-	-	-	-	-	-	-	-
98	October	31	62	365	16.99%	-	-	-	-	-	-	-	-	-
99	November	30	32	365	8.77%	-	-	-	-	-	-	-	-	-
100	December	31	1	365	0.27%	-	-	-	-	-	-	-	-	-
101	Total		2,029	4,380		-	-	-	-	-	-	-	-	-
102	Ending Balance of Prorated items					(Line 112, Col H)			(Line 112, Col N)					
103														
104	Non-prorated Average Balance					(WP_B-2, Average of Line 4, Cols (a) and (b))			(WP_B-2, Average of Line 4, Cols (a) and (b))					
105	Proration Adjustment					(Line 119 minus Line 121)			(Line 119 minus Line 121)					
106														
107	Account 282 - Other Property													
108	Plant Related- Direct Assigned to Transmission													
109	Days in Period					Averaging with Proration - Projected			Averaging Preserving Projected Proration - True-up					
	A	B	C	D	E	F	G	H	I	J	K	L	M	N

Public Service Company of Colorado
Transmission Formula Rate Template
Accumulated Deferred Income Taxes Proration Adjustments

Table 39
WP_ADIT Prorate

	Month	Days in the Month	Number of Days Remaining in Year After Month's Accrual of Deferred Taxes	Total Days in Future Portion of Test Period	Proration Amount (C / D)	Projected Monthly Activity	Prorated Projected Monthly Activity (E x F)	Prorated Projected Balance (Cumulative Sum of G)	Actual Monthly Activity	Difference between projected and actual activity (See Note 1.)	Preserve proration when actual monthly and projected monthly activity are either both increases or decreases. (See Note 2.)	Difference between projected and actual activity when actual and projected activity are either both increases or decreases. (See Note 3.)	Actual activity (Col I) when projected activity is an increase while actual activity is a decrease OR projected activity is a decrease while actual activity is an increase. (See Note 4.)	Balance reflecting proration or averaging (See Note 5.)
129														
130														
131	December 31st Balance - Prorated Items							-						-
132	January	31		335	365	91.78%	-	-	-	-	-	-	-	-
133	February	28		307	365	84.11%	-	-	-	-	-	-	-	-
134	March	31		276	365	75.62%	-	-	-	-	-	-	-	-
135	April	30		246	365	67.40%	-	-	-	-	-	-	-	-
136	May	31		215	365	58.90%	-	-	-	-	-	-	-	-
137	June	30		185	365	50.68%	-	-	-	-	-	-	-	-
138	July	31		154	365	42.19%	-	-	-	-	-	-	-	-
139	August	31		123	365	33.70%	-	-	-	-	-	-	-	-
140	September	30		93	365	25.48%	-	-	-	-	-	-	-	-
141	October	31		62	365	16.99%	-	-	-	-	-	-	-	-
142	November	30		32	365	8.77%	-	-	-	-	-	-	-	-
143	December	31		1	365	0.27%	-	-	-	-	-	-	-	-
144	Total		2,029	4,380			-	-	-	-	-	-	-	
145														
146														
147														
148														
149														
150	Ending Balance of Prorated items					(Line 143, Col H)		-		(Line 143, Col N)				-
151														
152	Non-prorated Average Balance					(WP_B-2, Average of Line 35, Cols (a) and (b))		-		(WP_B-2, Average of Line 35, Cols (a) and (b))				-
153	Proration Adjustment					(Line 150 minus Line 152)		-		(Line 150 minus Line 152)				-
154														
155														
156	Account 282 - Other Property													
157	Plant Related- Allocated to Transmission													
158														
159														
	Days in Period					Averaging with Proration - Projected			Averaging Preserving Projected Proration - True-up					
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	Month	Days in the Month	Number of Days Remaining in Year After Month's Accrual of Deferred Taxes	Total Days in Future Portion of Test Period	Proration Amount (C / D)	Projected Monthly Activity	Prorated Projected Monthly Activity (E x F)	Prorated Projected Balance (Cumulative Sum of G)	Actual Monthly Activity	Difference between projected and actual activity (See Note 1.)	Preserve proration when actual monthly and projected monthly activity are either both increases or decreases. (See Note 2.)	Difference between projected and actual activity when actual and projected activity are either both increases or decreases. (See Note 3.)	Actual activity (Col I) when projected activity is an increase while actual activity is a decrease OR projected activity is a decrease while actual activity is an increase. (See Note 4.)	Balance reflecting proration or averaging (See Note 5.)
160														
161														
162	December 31st Balance - Prorated Items							-						-
163	January	31		335	365	91.78%	-	-	-	-	-	-	-	-
164	February	28		307	365	84.11%	-	-	-	-	-	-	-	-
165	March	31		276	365	75.62%	-	-	-	-	-	-	-	-
166	April	30		246	365	67.40%	-	-	-	-	-	-	-	-
167	May	31		215	365	58.90%	-	-	-	-	-	-	-	-
168	June	30		185	365	50.68%	-	-	-	-	-	-	-	-
169	July	31		154	365	42.19%	-	-	-	-	-	-	-	-
170	August	31		123	365	33.70%	-	-	-	-	-	-	-	-
171	September	30		93	365	25.48%	-	-	-	-	-	-	-	-
172	October	31		62	365	16.99%	-	-	-	-	-	-	-	-
173	November	30		32	365	8.77%	-	-	-	-	-	-	-	-
174	December	31		1	365	0.27%	-	-	-	-	-	-	-	-
175	Total		2,029	4,380		-	-		-	-	-	-	-	
176														
177														
178														
179														
180														
181	Ending Balance of Prorated items					(Line 174, Col H)		-		(Line 174, Col N)				-
182														
183	Non-prorated Average Balance					(WP_B-2, Average of Line 66, Cols (a) and (b))		-		(WP_B-2, Average of Line 66, Cols (a) and (b))				-
184	Proration Adjustment					(Line 181 minus Line 183)		-		(Line 181 minus Line 183)				-
185														
186														
187	Account 283 - Other													
188	Plant Related- Direct Assigned to Production													
189														
190														
	Days in Period					Averaging with Proration - Projected			Averaging Preserving Projected Proration - True-up					
	A	B	C	D	E	F	G	H	I	J	K	L	M	N

Public Service Company of Colorado
Transmission Formula Rate Template
Accumulated Deferred Income Taxes Proration Adjustments

Table 39
WP_ADIT Prorate

Month	Days in the Month	Number of Days Remaining in Year After Month's Accrual of Deferred Taxes	Total Days in Future Portion of Test Period	Proration Amount (C / D)	Projected Monthly Activity	Prorated Projected Monthly Activity (E x F)	Prorated Projected Balance (Cumulative Sum of G)	Actual Monthly Activity	Difference between projected and actual activity (See Note 1.)	Preserve proration when actual monthly and projected monthly activity are either both increases or decreases. (See Note 2.)	Difference between projected and actual activity when actual and projected activity are either both increases or decreases. (See Note 3.)	Actual activity (Col I) when projected activity is an increase while actual activity is a decrease OR projected activity is a decrease while actual activity is an increase. (See Note 4.)	Balance reflecting proration or averaging (See Note 5.)
December 31st Balance - Prorated Items							-						-
January	31	335	365	91.78%	-	-	-	-	-	-	-	-	-
February	28	307	365	84.11%	-	-	-	-	-	-	-	-	-
March	31	276	365	75.62%	-	-	-	-	-	-	-	-	-
April	30	246	365	67.40%	-	-	-	-	-	-	-	-	-
May	31	215	365	58.90%	-	-	-	-	-	-	-	-	-
June	30	185	365	50.68%	-	-	-	-	-	-	-	-	-
July	31	154	365	42.19%	-	-	-	-	-	-	-	-	-
August	31	123	365	33.70%	-	-	-	-	-	-	-	-	-
September	30	93	365	25.48%	-	-	-	-	-	-	-	-	-
October	31	62	365	16.99%	-	-	-	-	-	-	-	-	-
November	30	32	365	8.77%	-	-	-	-	-	-	-	-	-
December	31	1	365	0.27%	-	-	-	-	-	-	-	-	-
Total		2,029	4,380		-	-		-	-	-	-	-	
Ending Balance of Prorated items				(Line 205, Col H)			-			(Line 205, Col N)			-
Non-prorated Average Balance				(WP_B-2, Average of Line Public Service Company of Colorado, Cols (a) a			-			(WP_B-2, Average of Line , Cols (a) and (b))			-
Proration Adjustment				(Line 212 minus Line 214)			-			(Line 212 minus Line 214)			-

Account 283 - Other
Plant Related- Allocated to Transmission

Days in Period					Averaging with Proration - Projected			Averaging Preserving Projected Proration - True-up					
A	B	C	D	E	F	G	H	I	J	K	L	M	N
Month	Days in the Month	Number of Days Remaining in Year After Month's Accrual of Deferred Taxes	Total Days in Future Portion of Test Period	Proration Amount (C / D)	Projected Monthly Activity	Prorated Projected Monthly Activity (E x F)	Prorated Projected Balance (Cumulative Sum of G)	Actual Monthly Activity	Difference between projected and actual activity (See Note 1.)	Preserve proration when actual monthly and projected monthly activity are either both increases or decreases. (See Note 2.)	Difference between projected and actual activity when actual and projected activity are either both increases or decreases. (See Note 3.)	Actual activity (Col I) when projected activity is an increase while actual activity is a decrease OR projected activity is a decrease while actual activity is an increase. (See Note 4.)	Balance reflecting proration or averaging (See Note 5.)
December 31st Balance - Prorated Items							-						-
January	31	335	365	91.78%	-	-	-	-	-	-	-	-	-
February	28	307	365	84.11%	-	-	-	-	-	-	-	-	-
March	31	276	365	75.62%	-	-	-	-	-	-	-	-	-
April	30	246	365	67.40%	-	-	-	-	-	-	-	-	-
May	31	215	365	58.90%	-	-	-	-	-	-	-	-	-
June	30	185	365	50.68%	-	-	-	-	-	-	-	-	-
July	31	154	365	42.19%	-	-	-	-	-	-	-	-	-
August	31	123	365	33.70%	-	-	-	-	-	-	-	-	-
September	30	93	365	25.48%	-	-	-	-	-	-	-	-	-
October	31	62	365	16.99%	-	-	-	-	-	-	-	-	-
November	30	32	365	8.77%	-	-	-	-	-	-	-	-	-
December	31	1	365	0.27%	-	-	-	-	-	-	-	-	-
Total		2,029	4,380		-	-		-	-	-	-	-	
Ending Balance of Prorated items				(Line 236, Col H)			-			(Line 236, Col N)			-
Non-prorated Average Balance				(WP_B-2, Average of Line 23, Cols (a) and (b))			-			(WP_B-2, Average of Line , Cols (a) and (b))			-
Proration Adjustment				(Line 243 minus Line 245)			-			(Line 243 minus Line 245)			-

Account 283 - Other
Related to All Plant

Days in Period					Averaging with Proration - Projected			Averaging Preserving Projected Proration - True-up					
A	B	C	D	E	F	G	H	I	J	K	L	M	N

Public Service Company of Colorado
Transmission Formula Rate Template
Accumulated Deferred Income Taxes Proration Adjustments

Table 39
WP_ADIT Prorate

Month	Days in the Month	Number of Days Remaining in Year After Month's Accrual of Deferred Taxes	Total Days in Future Portion of Test Period	Proration Amount (C / D)	Projected Monthly Activity	Prorated Projected Monthly Activity (E x F)	Prorated Projected Balance (Cumulative Sum of G)	Actual Monthly Activity	Difference between projected and actual activity (See Note 1.)	Preserve proration when actual monthly and projected monthly activity are either both increases or decreases. (See Note 2.)	Difference between projected and actual activity when actual and projected activity are either both increases or decreases. (See Note 3.)	Actual activity (Col I) when projected activity is an increase while actual activity is a decrease OR projected activity is a decrease while actual activity is an increase. (See Note 4.)	Balance reflecting proration or averaging (See Note 5.)
December 31st Balance - Prorated Items													
January	31	335	365	91.78%	-	-	-	-	-	-	-	-	-
February	28	307	365	84.11%	-	-	-	-	-	-	-	-	-
March	31	276	365	75.62%	-	-	-	-	-	-	-	-	-
April	30	246	365	67.40%	-	-	-	-	-	-	-	-	-
May	31	215	365	58.90%	-	-	-	-	-	-	-	-	-
June	30	185	365	50.68%	-	-	-	-	-	-	-	-	-
July	31	154	365	42.19%	-	-	-	-	-	-	-	-	-
August	31	123	365	33.70%	-	-	-	-	-	-	-	-	-
September	30	93	365	25.48%	-	-	-	-	-	-	-	-	-
October	31	62	365	16.99%	-	-	-	-	-	-	-	-	-
November	30	32	365	8.77%	-	-	-	-	-	-	-	-	-
December	31	1	365	0.27%	-	-	-	-	-	-	-	-	-
Total		2,029	4,380		-	-		-	-	-	-	-	
Ending Balance of Prorated items				(Line 267, Col H)			-		(Line 267, Col N)				-
Non-prorated Average Balance				(WP_B-2, Average of Line 54, Cols (a) and (b))			-		(WP_B-2, Average of Line , Cols (a) and (b))				-
Proration Adjustment				(Line 274 minus Line 276)			-		(Line 274 minus Line 276)				-

WP_B-Inputs - Adjustments to ADIT
Electric Intangible - FERC 302

Days in Period					Averaging with Proration - Projected			Averaging Preserving Projected Proration - True-up					
A	B	C	D	E	F	G	H	I	J	K	L	M	N
Month	Days in the Month	Number of Days Remaining in Year After Month's Accrual of Deferred Taxes	Total Days in Future Portion of Test Period	Proration Amount (C / D)	Projected Monthly Activity	Prorated Projected Monthly Activity (E x F)	Prorated Projected Balance (Cumulative Sum of G)	Actual Monthly Activity	Difference between projected and actual activity (See Note 1.)	Preserve proration when actual monthly and projected monthly activity are either both increases or decreases. (See Note 2.)	Difference between projected and actual activity when actual and projected activity are either both increases or decreases. (See Note 3.)	Actual activity (Col I) when projected activity is an increase while actual activity is a decrease OR projected activity is a decrease while actual activity is an increase. (See Note 4.)	Balance reflecting proration or averaging (See Note 5.)
December 31st Balance - Prorated Items													
January	31	335	365	91.78%	-	-	-	-	-	-	-	-	-
February	28	307	365	84.11%	-	-	-	-	-	-	-	-	-
March	31	276	365	75.62%	-	-	-	-	-	-	-	-	-
April	30	246	365	67.40%	-	-	-	-	-	-	-	-	-
May	31	215	365	58.90%	-	-	-	-	-	-	-	-	-
June	30	185	365	50.68%	-	-	-	-	-	-	-	-	-
July	31	154	365	42.19%	-	-	-	-	-	-	-	-	-
August	31	123	365	33.70%	-	-	-	-	-	-	-	-	-
September	30	93	365	25.48%	-	-	-	-	-	-	-	-	-
October	31	62	365	16.99%	-	-	-	-	-	-	-	-	-
November	30	32	365	8.77%	-	-	-	-	-	-	-	-	-
December	31	1	365	0.27%	-	-	-	-	-	-	-	-	-
Total		2,029	4,380		-	-		-	-	-	-	-	
Ending Balance of Prorated items				(Line 298, Col H)			-		(Line 298, Col N)				-
Non-prorated Average Balance				(WP_B-2, Average of Line 85, Cols (a) and (b))			-		(WP_B-2, Average of Line , Cols (a) and (b))				-
Proration Adjustment				(Line 305 minus Line 307)			-		(Line 305 minus Line 307)				-

WP_B-Inputs - Adjustments to ADIT
Electric Intangible - Smart Grid City

Days in Period					Averaging with Proration - Projected			Averaging Preserving Projected Proration - True-up					
A	B	C	D	E	F	G	H	I	J	K	L	M	N

Public Service Company of Colorado
Transmission Formula Rate Template
Accumulated Deferred Income Taxes Proration Adjustments

Table 39
WP_ADIT Prorate

Month	Days in the Month	Number of Days Remaining in Year After Month's Accrual of Deferred Taxes	Total Days in Future Portion of Test Period	Proration Amount (C / D)	Projected Monthly Activity	Prorated Projected Monthly Activity (E x F)	Prorated Projected Balance (Cumulative Sum of G)	Actual Monthly Activity	Difference between projected and actual activity (See Note 1.)	Preserve proration when actual monthly and projected monthly activity are either both increases or decreases. (See Note 2.)	Difference between projected and actual activity when actual and projected activity are either both increases or decreases. (See Note 3.)	Actual activity (Col I) when projected activity is an increase while actual activity is a decrease OR projected activity is a decrease while actual activity is an increase. (See Note 4.)	Balance reflecting proration or averaging (See Note 5.)
December 31st Balance - Prorated Items													
January	31	335	365	91.78%	-	-	-	-	-	-	-	-	-
February	28	307	365	84.11%	-	-	-	-	-	-	-	-	-
March	31	276	365	75.62%	-	-	-	-	-	-	-	-	-
April	30	246	365	67.40%	-	-	-	-	-	-	-	-	-
May	31	215	365	58.90%	-	-	-	-	-	-	-	-	-
June	30	185	365	50.68%	-	-	-	-	-	-	-	-	-
July	31	154	365	42.19%	-	-	-	-	-	-	-	-	-
August	31	123	365	33.70%	-	-	-	-	-	-	-	-	-
September	30	93	365	25.48%	-	-	-	-	-	-	-	-	-
October	31	62	365	16.99%	-	-	-	-	-	-	-	-	-
November	30	32	365	8.77%	-	-	-	-	-	-	-	-	-
December	31	1	365	0.27%	-	-	-	-	-	-	-	-	-
Total		2,029	4,380		-	-		-	-	-	-	-	
Ending Balance of Prorated items				(Line 329, Col H)			-		(Line 329, Col N)				-
Non-prorated Average Balance				(WP_B-2, Average of Line , Cols (a) and (b))			-		(WP_B-2, Average of Line , Cols (a) and (b))				-
Proration Adjustment				(Line 336 minus Line 338)			-		(Line 336 minus Line 338)				-

WP_B-Inputs - Adjustments to ADIT
Electric Intangible - AGIS

Days in Period					Averaging with Proration - Projected			Averaging Preserving Projected Proration - True-up					
A	B	C	D	E	F	G	H	I	J	K	L	M	N
Month	Days in the Month	Number of Days Remaining in Year After Month's Accrual of Deferred Taxes	Total Days in Future Portion of Test Period	Proration Amount (C / D)	Projected Monthly Activity	Prorated Projected Monthly Activity (E x F)	Prorated Projected Balance (Cumulative Sum of G)	Actual Monthly Activity	Difference between projected and actual activity (See Note 1.)	Preserve proration when actual monthly and projected monthly activity are either both increases or decreases. (See Note 2.)	Difference between projected and actual activity when actual and projected activity are either both increases or decreases. (See Note 3.)	Actual activity (Col I) when projected activity is an increase while actual activity is a decrease OR projected activity is a decrease while actual activity is an increase. (See Note 4.)	Balance reflecting proration or averaging (See Note 5.)
December 31st Balance - Prorated Items													
January	31	335	365	91.78%	-	-	-		-	-	-	-	-
February	28	307	365	84.11%	-	-	-		-	-	-	-	-
March	31	276	365	75.62%	-	-	-		-	-	-	-	-
April	30	246	365	67.40%	-	-	-		-	-	-	-	-
May	31	215	365	58.90%	-	-	-		-	-	-	-	-
June	30	185	365	50.68%	-	-	-		-	-	-	-	-
July	31	154	365	42.19%	-	-	-		-	-	-	-	-
August	31	123	365	33.70%	-	-	-		-	-	-	-	-
September	30	93	365	25.48%	-	-	-		-	-	-	-	-
October	31	62	365	16.99%	-	-	-		-	-	-	-	-
November	30	32	365	8.77%	-	-	-		-	-	-	-	-
December	31	1	365	0.27%	-	-	-		-	-	-	-	-
Total		2,029	4,380		-	-		-	-	-	-	-	
Ending Balance of Prorated items				(Line 360, Col H)			-		(Line 360, Col N)				-
Non-prorated Average Balance				(WP_B-2, Average of Line , Cols (a) and (b))			-		(WP_B-2, Average of Line , Cols (a) and (b))				-
Proration Adjustment				(Line 367 minus Line 369)			-		(Line 367 minus Line 369)				-

WP_B-Inputs - Adjustments to ADIT
Distribution Plant - Smart Grid City

Days in Period					Averaging with Proration - Projected			Averaging Preserving Projected Proration - True-up					
A	B	C	D	E	F	G	H	I	J	K	L	M	N

Public Service Company of Colorado
Transmission Formula Rate Template
Accumulated Deferred Income Taxes Proration Adjustments

Table 39
WP_ADIT Prorate

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Cumulated Deferred Income Taxes Proration Adjustments																
	Month	Days in the Month	Number of Days Remaining in Year After Month's Accrual of Deferred Taxes	Total Days in Future Portion of Test Period	Proration Amount (C / D)		Projected Monthly Activity	Prorated Projected Monthly Activity (E x F)	Prorated Projected Balance (Cumulative Sum of G)		Actual Monthly Activity	Difference between projected and actual activity (See Note 1.)	Preserve proration when actual monthly and projected monthly activity are either both increases or decreases. (See Note 2.)	Difference between projected and actual activity when actual and projected activity are either both increases or decreases. (See Note 3.)	Actual activity (Col I) when projected activity is an increase while actual activity is a decrease OR projected activity is a decrease while actual activity is an increase. (See Note 4.)	Balance reflecting proration or averaging (See Note 5.)
	December 31st Balance - Prorated Items						-	-	-		-	-	-	-	-	-
	January	31	335	365	91.78%		-	-	-		-	-	-	-	-	-
	February	28	307	365	84.11%		-	-	-		-	-	-	-	-	-
	March	31	276	365	75.62%		-	-	-		-	-	-	-	-	-
	April	30	246	365	67.40%		-	-	-		-	-	-	-	-	-
	May	31	215	365	58.90%		-	-	-		-	-	-	-	-	-
	June	30	185	365	50.68%		-	-	-		-	-	-	-	-	-
	July	31	154	365	42.19%		-	-	-		-	-	-	-	-	-
	August	31	123	365	33.70%		-	-	-		-	-	-	-	-	-
	September	30	93	365	25.48%		-	-	-		-	-	-	-	-	-
	October	31	62	365	16.99%		-	-	-		-	-	-	-	-	-
	November	30	32	365	8.77%		-	-	-		-	-	-	-	-	-
	December	31	1	365	0.27%		-	-	-		-	-	-	-	-	-
	Total		2,029	4,380			-	-	-		-	-	-	-	-	-
Ending Balance of Prorated items					(Line 391, Col H)				-		(Line 391, Col N)					-
Non-prorated Average Balance					(WP_B-2, Average of Line , Cols (a) and (b))				-		(WP_B-2, Average of Line , Cols (a) and (b))					-
Proration Adjustment					(Line 398 minus Line 400)				-		(Line 398 minus Line 400)					-
WP_B-Inputs - Adjustments to ADIT																
Distribution Plant - AGIS																

Public Service Company of Colorado
Transmission Formula Rate Template
Accumulated Deferred Income Taxes Proration Adjustments

Table 39
WP_ADIT Prorate

Month	Days in the Month	Number of Days Remaining in Year After Month's Accrual of Deferred Taxes	Total Days in Future Portion of Test Period	Proration Amount (C / D)	Projected Monthly Activity	Prorated Projected Monthly Activity (E x F)	Prorated Projected Balance (Cumulative Sum of G)	Actual Monthly Activity	Difference between projected and actual activity (See Note 1.)	Preserve proration when actual monthly and projected monthly activity are either both increases or decreases. (See Note 2.)	Difference between projected and actual activity when actual and projected activity are either both increases or decreases. (See Note 3.)	Actual activity (Col I) when projected activity is an increase while actual activity is a decrease OR projected activity is a decrease while actual activity is an increase. (See Note 4.)	Balance reflecting proration or averaging (See Note 5.)
December 31st Balance - Prorated Items													
January	31	335	365	91.78%	-	-	-	-	-	-	-	-	-
February	28	307	365	84.11%	-	-	-	-	-	-	-	-	-
March	31	276	365	75.62%	-	-	-	-	-	-	-	-	-
April	30	246	365	67.40%	-	-	-	-	-	-	-	-	-
May	31	215	365	58.90%	-	-	-	-	-	-	-	-	-
June	30	185	365	50.68%	-	-	-	-	-	-	-	-	-
July	31	154	365	42.19%	-	-	-	-	-	-	-	-	-
August	31	123	365	33.70%	-	-	-	-	-	-	-	-	-
September	30	93	365	25.48%	-	-	-	-	-	-	-	-	-
October	31	62	365	16.99%	-	-	-	-	-	-	-	-	-
November	30	32	365	8.77%	-	-	-	-	-	-	-	-	-
December	31	1	365	0.27%	-	-	-	-	-	-	-	-	-
Total		2,029	4,380		-	-		-	-	-	-	-	
Ending Balance of Prorated items				(Line 453, Col H)			-		(Line 453, Col N)				-
Non-prorated Average Balance				(WP_B-2, Average of Line , Cols (a) and (b))			-		(WP_B-2, Average of Line , Cols (a) and (b))				-
Proration Adjustment				(Line 460 minus Line 462)			-		(Line 460 minus Line 462)				-

WP_B-Inputs - Adjustments to ADIT
General Plant - AGIS

Days in Period					Averaging with Proration - Projected			Averaging Preserving Projected Proration - True-up					
A	B	C	D	E	F	G	H	I	J	K	L	M	N
Month	Days in the Month	Number of Days Remaining in Year After Month's Accrual of Deferred Taxes	Total Days in Future Portion of Test Period	Proration Amount (C / D)	Projected Monthly Activity	Prorated Projected Monthly Activity (E x F)	Prorated Projected Balance (Cumulative Sum of G)	Actual Monthly Activity	Difference between projected and actual activity (See Note 1.)	Preserve proration when actual monthly and projected monthly activity are either both increases or decreases. (See Note 2.)	Difference between projected and actual activity when actual and projected activity are either both increases or decreases. (See Note 3.)	Actual activity (Col I) when projected activity is an increase while actual activity is a decrease OR projected activity is a decrease while actual activity is an increase. (See Note 4.)	Balance reflecting proration or averaging (See Note 5.)
December 31st Balance - Prorated Items													
January	31	335	365	91.78%	-	-	-	-	-	-	-	-	-
February	28	307	365	84.11%	-	-	-	-	-	-	-	-	-
March	31	276	365	75.62%	-	-	-	-	-	-	-	-	-
April	30	246	365	67.40%	-	-	-	-	-	-	-	-	-
May	31	215	365	58.90%	-	-	-	-	-	-	-	-	-
June	30	185	365	50.68%	-	-	-	-	-	-	-	-	-
July	31	154	365	42.19%	-	-	-	-	-	-	-	-	-
August	31	123	365	33.70%	-	-	-	-	-	-	-	-	-
September	30	93	365	25.48%	-	-	-	-	-	-	-	-	-
October	31	62	365	16.99%	-	-	-	-	-	-	-	-	-
November	30	32	365	8.77%	-	-	-	-	-	-	-	-	-
December	31	1	365	0.27%	-	-	-	-	-	-	-	-	-
Total		2,029	4,380		-	-		-	-	-	-	-	
Ending Balance of Prorated items				(Line 484, Col H)			-		(Line 484, Col N)				-
Non-prorated Average Balance				(WP_B-2, Average of Line , Cols (a) and (b))			-		(WP_B-2, Average of Line , Cols (a) and (b))				-
Proration Adjustment				(Line 491 minus Line 493)			-		(Line 491 minus Line 493)				-

WP_B-Inputs - Adjustments to ADIT
Common Intangible - FERC 302

Days in Period					Averaging with Proration - Projected			Averaging Preserving Projected Proration - True-up					
A	B	C	D	E	F	G	H	I	J	K	L	M	N

Public Service Company of Colorado
Transmission Formula Rate Template
Accumulated Deferred Income Taxes Proration Adjustments

Table 39
WP_ADIT Prorate

	Month	Days in the Month	Number of Days Remaining in Year After Month's Accrual of Deferred Taxes	Total Days in Future Portion of Test Period	Proration Amount (C / D)	Projected Monthly Activity	Prorated Projected Monthly Activity (E x F)	Prorated Projected Balance (Cumulative Sum of G)	Actual Monthly Activity	Difference between projected and actual activity (See Note 1.)	Preserve proration when actual monthly and projected monthly activity are either both increases or decreases. (See Note 2.)	Difference between projected and actual activity when actual and projected activity are either both increases or decreases. (See Note 3.)	Actual activity (Col I) when projected activity is an increase while actual activity is a decrease OR projected activity is a decrease while actual activity is an increase. (See Note 4.)	Balance reflecting proration or averaging (See Note 5.)
501														
502														
503	December 31st Balance - Prorated Items							-						-
504	January	31		335	365	91.78%	-	-	-	-	-	-	-	-
505	February	28		307	365	84.11%	-	-	-	-	-	-	-	-
506	March	31		276	365	75.62%	-	-	-	-	-	-	-	-
507	April	30		246	365	67.40%	-	-	-	-	-	-	-	-
508	May	31		215	365	58.90%	-	-	-	-	-	-	-	-
509	June	30		185	365	50.68%	-	-	-	-	-	-	-	-
510	July	31		154	365	42.19%	-	-	-	-	-	-	-	-
511	August	31		123	365	33.70%	-	-	-	-	-	-	-	-
512	September	30		93	365	25.48%	-	-	-	-	-	-	-	-
513	October	31		62	365	16.99%	-	-	-	-	-	-	-	-
514	November	30		32	365	8.77%	-	-	-	-	-	-	-	-
515	December	31		1	365	0.27%	-	-	-	-	-	-	-	-
516	Total		2,029	4,380			-	-	-	-	-	-	-	
517														
518														
519														
520														
521														
522	Ending Balance of Prorated items					(Line 515, Col H)		-		(Line 515, Col N)				-
523														
524	Non-prorated Average Balance					(WP_B-2, Average of Line , Cols (a) and (b))		-		(WP_B-2, Average of Line , Cols (a) and (b))				-
525	Proration Adjustment					(Line 522 minus Line 524)		-		(Line 522 minus Line 524)				-
526														
527														
528	WP_B-Inputs - Adjustments to ADIT													
529	Common Intangible - CRS													
530														
531														
	Days in Period					Averaging with Proration - Projected			Averaging Preserving Projected Proration - True-up					
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	Month	Days in the Month	Number of Days Remaining in Year After Month's Accrual of Deferred Taxes	Total Days in Future Portion of Test Period	Proration Amount (C / D)	Projected Monthly Activity	Prorated Projected Monthly Activity (E x F)	Prorated Projected Balance (Cumulative Sum of G)	Actual Monthly Activity	Difference between projected and actual activity (See Note 1.)	Preserve proration when actual monthly and projected monthly activity are either both increases or decreases. (See Note 2.)	Difference between projected and actual activity when actual and projected activity are either both increases or decreases. (See Note 3.)	Actual activity (Col I) when projected activity is an increase while actual activity is a decrease OR projected activity is a decrease while actual activity is an increase. (See Note 4.)	Balance reflecting proration or averaging (See Note 5.)
532														
533														
534	December 31st Balance - Prorated Items							-						-
535	January	31		335	365	91.78%	-	-	-	-	-	-	-	-
536	February	28		307	365	84.11%	-	-	-	-	-	-	-	-
537	March	31		276	365	75.62%	-	-	-	-	-	-	-	-
538	April	30		246	365	67.40%	-	-	-	-	-	-	-	-
539	May	31		215	365	58.90%	-	-	-	-	-	-	-	-
540	June	30		185	365	50.68%	-	-	-	-	-	-	-	-
541	July	31		154	365	42.19%	-	-	-	-	-	-	-	-
542	August	31		123	365	33.70%	-	-	-	-	-	-	-	-
543	September	30		93	365	25.48%	-	-	-	-	-	-	-	-
544	October	31		62	365	16.99%	-	-	-	-	-	-	-	-
545	November	30		32	365	8.77%	-	-	-	-	-	-	-	-
546	December	31		1	365	0.27%	-	-	-	-	-	-	-	-
547	Total		2,029	4,380			-	-	-	-	-	-	-	
548														
549														
550														
551														
552														
553	Ending Balance of Prorated items					(Line 546, Col H)		-		(Line 546, Col N)				-
554														
555	Non-prorated Average Balance					(WP_B-2, Average of Line , Cols (a) and (b))		-		(WP_B-2, Average of Line , Cols (a) and (b))				-
556	Proration Adjustment					(Line 553 minus Line 555)		-		(Line 553 minus Line 555)				-
557														
558														
559	WP_B-Inputs - Adjustments to ADIT													
560	Common Intangible - OMS													
561	Days in Period					Averaging with Proration - Projected			Averaging Preserving Projected Proration - True-up					
562	A	B	C	D	E	F	G	H	I	J	K	L	M	N

Public Service Company of Colorado
Transmission Formula Rate Template
Accumulated Deferred Income Taxes Proration Adjustments

Table 39
WP_ADIT Prorate

563

Cumulated Deferred Income Taxes / Proration Adjustments																																																								
	Month	Days in the Month	Number of Days Remaining in Year After Month's Accrual of Deferred Taxes	Total Days in Future Portion of Test Period	Proration Amount (C / D)	Projected Monthly Activity	Prorated Projected Monthly Activity (E x F)	Prorated Projected Balance (Cumulative Sum of G)	Actual Monthly Activity	Difference between projected and actual activity (See Note 1.)	Preserve proration when actual monthly and projected monthly activity are either both increases or decreases. (See Note 2.)	Difference between projected and actual activity when actual and projected activity are either both increases or decreases. (See Note 3.)	Actual activity (Col I) when projected activity is an increase while actual activity is a decrease OR projected activity is a decrease while actual activity is an increase. (See Note 4.)	Balance reflecting proration or averaging (See Note 5.)																																										
564																																																								
565	December 31st Balance - Prorated Items																																																							
566	January	31	335	365	91.78%	-	-	-	-	-	-	-	-	-																																										
567	February	28	307	365	84.11%	-	-	-	-	-	-	-	-	-																																										
568	March	31	276	365	75.62%	-	-	-	-	-	-	-	-	-																																										
569	April	30	246	365	67.40%	-	-	-	-	-	-	-	-	-																																										
570	May	31	215	365	58.90%	-	-	-	-	-	-	-	-	-																																										
571	June	30	185	365	50.68%	-	-	-	-	-	-	-	-	-																																										
572	July	31	154	365	42.19%	-	-	-	-	-	-	-	-	-																																										
573	August	31	123	365	33.70%	-	-	-	-	-	-	-	-	-																																										
574	September	30	93	365	25.48%	-	-	-	-	-	-	-	-	-																																										
575	October	31	62	365	16.99%	-	-	-	-	-	-	-	-	-																																										
576	November	30	32	365	8.77%	-	-	-	-	-	-	-	-	-																																										
577	December	31	1	365	0.27%	-	-	-	-	-	-	-	-	-																																										
578	Total		2,029	4,380		-	-		-	-	-	-	-																																											
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581																																																								
582																																																								
583																																																								
584	Ending Balance of Prorated items				(Line 577, Col H)					(Line 577, Col N)																																														
585																																																								
586	Non-prorated Average Balance				(WP_B-2, Average of Line , Cols (a) and (b))					(WP_B-2, Average of Line , Cols (a) and (b))																																														
587	Proration Adjustment				(Line 584 minus Line 586)					(Line 584 minus Line 586)																																														
588																																																								
589																																																								
590	WP_B-Inputs - Adjustments to ADIT																																																							
591	Common General - Smart Grid City																																																							
592																																																								
593																																																								
<table><tr><th colspan="5">Days in Period</th><th colspan="3">Averaging with Proration - Projected</th><th colspan="6">Averaging Preserving Projected Proration - True-up</th></tr><tr><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th><th>F</th><th>G</th><th>H</th><th>I</th><th>J</th><th>K</th><th>L</th><th>M</th><th>N</th></tr><tr><td>Month</td><td>Days in the Month</td><td>Number of Days Remaining in Year After Month's Accrual of Deferred Taxes</td><td>Total Days in Future Portion of Test Period</td><td>Proration Amount (C / D)</td><td>Projected Monthly Activity</td><td>Prorated Projected Monthly Activity (E x F)</td><td>Prorated Projected Balance (Cumulative Sum of G)</td><td>Actual Monthly Activity</td><td>Difference between projected and actual activity (See Note 1.)</td><td>Preserve proration when actual monthly and projected monthly activity are either both increases or decreases. (See Note 2.)</td><td>Difference between projected and actual activity when actual and projected activity are either both increases or decreases. (See Note 3.)</td><td>Actual activity (Col I) when projected activity is an increase while actual activity is a decrease OR projected activity is a decrease while actual activity is an increase. (See Note 4.)</td><td>Balance reflecting proration or averaging (See Note 5.)</td></tr></table>															Days in Period					Averaging with Proration - Projected			Averaging Preserving Projected Proration - True-up						A	B	C	D	E	F	G	H	I	J	K	L	M	N	Month	Days in the Month	Number of Days Remaining in Year After Month's Accrual of Deferred Taxes	Total Days in Future Portion of Test Period	Proration Amount (C / D)	Projected Monthly Activity	Prorated Projected Monthly Activity (E x F)	Prorated Projected Balance (Cumulative Sum of G)	Actual Monthly Activity	Difference between projected and actual activity (See Note 1.)	Preserve proration when actual monthly and projected monthly activity are either both increases or decreases. (See Note 2.)	Difference between projected and actual activity when actual and projected activity are either both increases or decreases. (See Note 3.)	Actual activity (Col I) when projected activity is an increase while actual activity is a decrease OR projected activity is a decrease while actual activity is an increase. (See Note 4.)	Balance reflecting proration or averaging (See Note 5.)
Days in Period					Averaging with Proration - Projected			Averaging Preserving Projected Proration - True-up																																																
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Month	Days in the Month	Number of Days Remaining in Year After Month's Accrual of Deferred Taxes	Total Days in Future Portion of Test Period	Proration Amount (C / D)	Projected Monthly Activity	Prorated Projected Monthly Activity (E x F)	Prorated Projected Balance (Cumulative Sum of G)	Actual Monthly Activity	Difference between projected and actual activity (See Note 1.)	Preserve proration when actual monthly and projected monthly activity are either both increases or decreases. (See Note 2.)	Difference between projected and actual activity when actual and projected activity are either both increases or decreases. (See Note 3.)	Actual activity (Col I) when projected activity is an increase while actual activity is a decrease OR projected activity is a decrease while actual activity is an increase. (See Note 4.)	Balance reflecting proration or averaging (See Note 5.)																																											
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596	December 31st Balance - Prorated Items																																																							
597	January	31	335	365	91.78%	-	-	-	-	-	-	-	-	-																																										
598	February	28	307	365	84.11%	-	-	-	-	-	-	-	-	-																																										
599	March	31	276	365	75.62%	-	-	-	-	-	-	-	-	-																																										
600	April	30	246	365	67.40%	-	-	-	-	-	-	-	-	-																																										
601	May	31	215	365	58.90%	-	-	-	-	-	-	-	-	-																																										
602	June	30	185	365	50.68%	-	-	-	-	-	-	-	-	-																																										
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604	August	31	123	365	33.70%	-	-	-	-	-	-	-	-	-																																										
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606	October	31	62	365	16.99%	-	-	-	-	-	-	-	-	-																																										
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608	December	31	1	365	0.27%	-	-	-	-	-	-	-	-	-																																										
609	Total		2,029	4,380		-	-		-	-	-	-	-																																											
610																																																								
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613																																																								
614																																																								
615	Ending Balance of Prorated items				(Line 608, Col H)					(Line 608, Col N)																																														
616																																																								
617	Non-prorated Average Balance				(WP_B-2, Average of Line , Cols (a) and (b))					(WP_B-2, Average of Line , Cols (a) and (b))																																														
618	Proration Adjustment				(Line 615 minus Line 617)					(Line 615 minus Line 617)																																														
619																																																								
620																																																								
621	WP_B-Inputs - Adjustments to ADIT																																																							
622	Common General - AGIS																																																							
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Public Service Company of Colorado
Transmission Formula Rate Template
Accumulated Deferred Income Taxes Proration Adjustments

Table 39
WP_ADIT Prorate

	Month	Days in the Month	Number of Days Remaining in Year After Month's Accrual of Deferred Taxes	Total Days in Future Portion of Test Period	Proration Amount (C / D)	Projected Monthly Activity	Prorated Projected Monthly Activity (E x F)	Prorated Projected Balance (Cumulative Sum of G)	Actual Monthly Activity	Difference between projected and actual activity (See Note 1.)	Preserve proration when actual monthly and projected monthly activity are either both increases or decreases. (See Note 2.)	Difference between projected and actual activity when actual and projected activity are either both increases or decreases. (See Note 3.)	Actual activity (Col I) when projected activity is an increase while actual activity is a decrease OR projected activity is a decrease while actual activity is an increase. (See Note 4.)	Balance reflecting proration or averaging (See Note 5.)
625														
626														
627	December 31st Balance - Prorated Items							-						-
628	January	31		335	365	91.78%	-	-	-	-	-	-	-	-
629	February	28		307	365	84.11%	-	-	-	-	-	-	-	-
630	March	31		276	365	75.62%	-	-	-	-	-	-	-	-
631	April	30		246	365	67.40%	-	-	-	-	-	-	-	-
632	May	31		215	365	58.90%	-	-	-	-	-	-	-	-
633	June	30		185	365	50.68%	-	-	-	-	-	-	-	-
634	July	31		154	365	42.19%	-	-	-	-	-	-	-	-
635	August	31		123	365	33.70%	-	-	-	-	-	-	-	-
636	September	30		93	365	25.48%	-	-	-	-	-	-	-	-
637	October	31		62	365	16.99%	-	-	-	-	-	-	-	-
638	November	30		32	365	8.77%	-	-	-	-	-	-	-	-
639	December	31		1	365	0.27%	-	-	-	-	-	-	-	-
640	Total		2,029	4,380			-	-	-	-	-	-	-	
641														
642														
643														
644														
645														
646	Ending Balance of Prorated items					(Line 639, Col H)		-		(Line 639, Col N)				-
647														
648	Non-prorated Average Balance					(WP_B-2, Average of Line , Cols (a) and (b))		-		(WP_B-2, Average of Line , Cols (a) and (b))				-
649	Proration Adjustment					(Line 646 minus Line 648)		-		(Line 646 minus Line 648)				-
650														
651														
652	WP_B-3 - Deficient ADIT													
653	NOL Carryforward - Direct Assigned to Transmission													
654														
655														

652 WP_B-3 - Deficient ADIT

653 NOL Carryforward - Direct Assigned to Transmission

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Days in Period					Averaging with Proration - Projected			Averaging Preserving Projected Proration - True-up					
A	B	C	D	E	F	G	H	I	J	K	L	M	N
Month	Days in the Month	Number of Days Prorated	Total Days in Future Portion of Test Period	Proration Amount (C / D)	Projected Monthly Activity	Prorated Projected Monthly Activity (E x F)	Prorated Projected Balance (Cumulative Sum of G)	Actual Monthly Activity	Difference between projected and actual activity	Partially prorate actual activity above Monthly projection	Partially prorate actual activity below Monthly projection but increases ADIT	Partially prorate actual activity below Monthly projection and is a reduction to ADIT	Partially prorated actual balance
687													
688													
689	December 31st Balance - Prorated Items						-						-
690	January	31		336	366	91.80%	-	-	-	-	-	-	-
691	February	28		307	366	83.88%	-	-	-	-	-	-	-
692	March	31		276	366	75.41%	-	-	-	-	-	-	-
693	April	30		246	366	67.21%	-	-	-	-	-	-	-

Public Service Company of Colorado
Transmission Formula Rate Template
Accumulated Deferred Income Taxes Proration Adjustments

Table 39
WP_ADIT Prorate

694	May	31	215	366	58.74%	-	-	-	-	-	-	-	-	-
695	June	30	185	366	50.55%	-	-	-	-	-	-	-	-	-
696	July	31	154	366	42.08%	-	-	-	-	-	-	-	-	-
697	August	31	123	366	33.61%	-	-	-	-	-	-	-	-	-
698	September	30	93	366	25.41%	-	-	-	-	-	-	-	-	-
699	October	31	62	366	16.94%	-	-	-	-	-	-	-	-	-
700	November	30	32	366	8.74%	-	-	-	-	-	-	-	-	-
701	December	31	1	366	0.27%	-	-	-	-	-	-	-	-	-
702	Total		2,030	4,392		-	-	-	-	-	-	-	-	-
703														
704	Proration Factor		53.78%											
705														
706														
707	Beginning Balance of Prorated items			(Line 689, Col H)				-						
708	Ending Balance of Prorated items			(Line 701, Col H)				-		(Line 701, Col N)				-
709	Average Balance Prorated items			(Average of Line 707 & Line 708)				-						
710	Non-prorated Average Balance			(WP_B-3 – Deficient ADIT)				-		(WP_B-2, Average of Line , Cols (a) and (b))				-
711	Proration Adjustment							-		(Line 708 minus Line 710)				-

Notes:

1) Column J is the difference between projected monthly and actual monthly activity (Column I minus Column F). Specifically, if projected and actual activity are both positive, a negative in Column J represents over-projection (amount of projected activity that did not occur) and a positive in Column J represents under-projection (excess of actual activity over projected activity).

2) Column K preserves proration when actual monthly and projected monthly activity are either both increases or decreases. Specifically, if Column J is over-projected, enter Column G x [Column I/Column F]. If Column J is under-projected, enter the amount from Column G and complete Column L). In other situations, enter zero.

3) Column L applies when (1) Column J is under-projected AND (2) actual monthly and projected monthly activity are either both increases or decreases. Enter the amount from Column J. In other situations, enter zero.

4) Column M applies when (1) projected monthly activity is an increase while actual monthly activity is a decrease OR (2) projected monthly activity is a decrease while actual monthly activity is an increase. Enter actual monthly activity (Col I). In other situations, enter zero.

5) Column N is computed by adding the prorated monthly activity, if any, from Column K to 50 percent of the portion of monthly activity, if any, from Column L or M to the balance at the end of the prior month. The activity in columns L and M is multiplied by 50 percent to reflect averaging of rate base to the extent that the proration requirement has not been met.

6) The methodology to remove double averaging from the true-up ADIT Proration calculation is effective June 27, 2018.

Public Service Company of Colorado
Revenue from Curent Rates v Proposed Rates
12 Months Ending December 31, 2019

Schedule 3

	Proposed	Current	\$ Increase (Decrease)	% Increase (Decrease)
MEAN	23,308	34,508	(11,200)	-32.5%
Tri-State	345,091	510,499	(165,408)	-32.4%
Black Hills	242,490	359,007	(116,516)	-32.5%
ARPA	33,408	49,461	(16,053)	-32.5%
PRPA	396,824	587,235	(190,412)	-32.4%
Burlington	3,807	5,637	(1,829)	-32.5%
Center	1,631	2,415	(784)	-32.5%
IREA	331,813	491,248	(159,436)	-32.5%
Grand Valley	30,877	45,713	(14,836)	-32.5%
Yampa Valley	56,601	82,848	(26,248)	-31.7%
WAPA	31,842	47,142	(15,300)	-32.5%
Total	1,497,692	2,215,712	(718,021)	-32.4%

Schedule 3 - Non-Ver

	Proposed	Current	\$ Increase (Decrease)	% Increase (Decrease)
ARPA	375	1,485	(1,110)	-74.7%
PRPA	44,554	176,314	(131,761)	-74.7%
MEAN	296	1,173	(877)	-74.7%
TriState	20,900	82,711	(61,810)	-74.7%
Yampa Valley	41	161	(121)	-74.7%
Black Hills	24,371	96,445	(72,074)	-74.7%
IREA	10,336	40,903	(30,567)	-74.7%
Total	100,499	397,708	(297,210)	-74.7%

Schedule 3 - Wind

	Proposed	Current [1]	\$ Increase (Decrease)	% Increase (Decrease)
ARPA	7,020	7,020	-	0.0% [2]
PRPA	97,860	111,407	(13,547)	-12.2%
Tri-State	135,373	154,114	(18,741)	-12.2%
Black Hills	145,224	165,329	(20,104)	-12.2%
Total	385,477	437,870	(52,392)	-12.0%

Schedule 3 - Solar

	Proposed	Current [1]	\$ Increase (Decrease)	% Increase (Decrease)
PRPA	32,030	67,346	(35,316)	-52.4%
Tri-State	59,609	125,333	(65,724)	-52.4%
IREA	11,304	23,767	(12,463)	-52.4%
Total	102,943	216,446	(113,503)	-52.4%

Schedule 3A	-	-	-	0%
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Schedule 16

	Proposed	Current	\$ Increase (Decrease)	% Increase (Decrease)
ARPA	52,200	52,200	-	0.0%
PRPA	1,197,543	697,284	500,259	71.7%
Tri-State	1,499,865	873,315	626,550	71.7%
Black Hills	1,609,012	936,867	672,145	71.7%

Total	4,358,621	2,559,667	1,798,954	70.3%
Grand Total	6,445,232	5,827,403	617,828	10.6%

Note:
[1] PSCo currently has a Schedule 3 - VER, PSCo separated the Wind / Solar generators for purposes of this comparison.
[2] Preferential rate treatment as approved in docket ER14-196

Public Service Company of Colorado
Revenue from Current Rates
12 Months Ending December 31, 2019

Schedule 3 0.0949

Load Component

MEAN NIT		
Month	Monthly CP	Ancillary Charges
Jan	36,562	\$ 3,470
Feb	33,684	\$ 3,197
Mar	31,364	\$ 2,976
Apr	24,944	\$ 2,367
May	22,630	\$ 2,148
Jun	29,007	\$ 2,753
Jul	31,334	\$ 2,974
Aug	30,911	\$ 2,933
Sep	28,598	\$ 2,714
Oct	29,168	\$ 2,768
Nov	31,464	\$ 2,986
Dec	33,956	\$ 3,222
Total Load Component		\$ 34,508

TriState BASOT		
Month	Monthly CP	Ancillary Charges
Jan	156,782	\$ 14,879
Feb	150,583	\$ 14,290
Mar	159,868	\$ 15,171
Apr	167,889	\$ 15,933
May	182,861	\$ 17,354
Jun	235,683	\$ 22,366
Jul	267,664	\$ 25,401
Aug	241,702	\$ 22,938
Sep	236,666	\$ 22,460
Oct	178,734	\$ 16,962
Nov	181,698	\$ 17,243
Dec	185,573	\$ 17,611
		\$ 222,607

BHCE BSOT		
Month	Monthly CP	Ancillary Charges
Jan	285,000	\$ 27,047
Feb	258,000	\$ 24,484
Mar	285,000	\$ 27,047
Apr	237,000	\$ 22,491
May	279,000	\$ 26,477
Jun	366,000	\$ 34,733
Jul	423,000	\$ 40,143
Aug	408,000	\$ 38,719
Sep	393,000	\$ 37,296
Oct	282,000	\$ 26,762
Nov	284,000	\$ 26,952
Dec	283,000	\$ 26,857
		\$ 359,007

ARPA BASOT		
Month	Monthly CP	Ancillary Charges
Jan	34,727	\$ 3,296
Feb	36,803	\$ 3,493
Mar	37,720	\$ 3,580
Apr	27,886	\$ 2,646
May	40,116	\$ 3,807
Jun	58,002	\$ 5,504
Jul	67,110	\$ 6,369
Aug	58,121	\$ 5,516
Sep	48,458	\$ 4,599
Oct	37,735	\$ 3,581
Nov	34,698	\$ 3,293
Dec	39,812	\$ 3,778
		\$ 49,461

PRPA BASOT		
Month	Monthly CP	Ancillary Charges
Jan	464,668	\$ 44,097
Feb	482,885	\$ 45,826
Mar	479,071	\$ 45,464
Apr	397,363	\$ 37,710
May	417,718	\$ 39,641
Jun	591,685	\$ 56,151
Jul	676,020	\$ 64,154
Aug	657,096	\$ 62,358
Sep	631,970	\$ 59,974
Oct	466,800	\$ 44,299
Nov	456,420	\$ 43,314
Dec	466,240	\$ 44,246
		\$ 587,235

TriState NIT		
Month	Monthly CP	Ancillary Charges
Jan	236,213	\$ 22,417
Feb	228,106	\$ 21,647
Mar	244,787	\$ 23,230
Apr	185,542	\$ 17,608
May	202,442	\$ 19,212
Jun	275,247	\$ 26,121
Jul	321,368	\$ 30,498
Aug	313,733	\$ 29,773
Sep	323,635	\$ 30,713
Oct	230,298	\$ 21,855
Nov	237,820	\$ 22,569
Dec	234,441	\$ 22,248
		\$ 287,892

Burlington NIT		
Month	Monthly CP	Ancillary Charges
Jan	3,917	\$ 372
Feb	4,116	\$ 391
Mar	4,141	\$ 393
Apr	2,839	\$ 269
May	3,946	\$ 374
Jun	6,517	\$ 618
Jul	7,868	\$ 747
Aug	7,590	\$ 720
Sep	6,490	\$ 616
Oct	4,299	\$ 408
Nov	4,365	\$ 414
Dec	3,308	\$ 314
		\$ 5,637

Center NIT		
Month	Monthly CP	Ancillary Charges
Jan	2,190	\$ 208
Feb	2,266	\$ 215
Mar	1,999	\$ 190
Apr	2,283	\$ 217
May	1,907	\$ 181
Jun	2,070	\$ 196
Jul	2,242	\$ 213
Aug	1,894	\$ 180
Sep	1,323	\$ 126
Oct	2,426	\$ 230
Nov	2,333	\$ 221
Dec	2,511	\$ 238
		\$ 2,415

IREA NIT		
Month	Monthly CP	Ancillary Charges
Jan	406,074	\$ 38,536
Feb	381,742	\$ 36,227
Mar	396,427	\$ 37,621
Apr	326,579	\$ 30,992
May	311,050	\$ 29,519
Jun	480,659	\$ 45,615
Jul	576,633	\$ 54,722
Aug	558,651	\$ 53,016
Sep	585,573	\$ 55,571
Oct	377,051	\$ 35,782
Nov	386,041	\$ 36,635
Dec	390,003	\$ 37,011
		\$ 491,248

Grand Valley NIT		
Month	Monthly CP	Ancillary Charges
Jan	42,037	\$ 3,989
Feb	38,421	\$ 3,646
Mar	34,501	\$ 3,274
Apr	28,706	\$ 2,724
May	29,717	\$ 2,820
Jun	45,082	\$ 4,278
Jul	51,339	\$ 4,872
Aug	49,267	\$ 4,675
Sep	52,668	\$ 4,998
Oct	35,148	\$ 3,336
Nov	36,143	\$ 3,430
Dec	38,672	\$ 3,670
		\$ 45,713

Yampa Valley NIT		
Month	Monthly CP	Ancillary Charges
Jan	106,701	\$ 10,126
Feb	92,406	\$ 8,769
Mar	90,105	\$ 8,551
Apr	64,020	\$ 6,075
May	43,638	\$ 4,141
Jun	50,240	\$ 4,768
Jul	55,039	\$ 5,223
Aug	53,277	\$ 5,056
Sep	52,729	\$ 5,004
Oct	87,992	\$ 8,350
Nov	78,279	\$ 7,429
Dec	98,579	\$ 9,355
		\$ 82,848

WAPA NIT		
Month	Monthly CP	Ancillary Charges
Jan	39,876	\$ 3,784
Feb	41,920	\$ 3,978
Mar	36,810	\$ 3,493
Apr	30,679	\$ 2,911
May	35,097	\$ 3,331
Jun	40,141	\$ 3,809
Jul	40,307	\$ 3,825
Aug	39,281	\$ 3,728
Sep	23,951	\$ 2,273
Oct	44,988	\$ 4,269
Nov	61,341	\$ 5,821
Dec	62,363	\$ 5,918
		\$ 47,142

Public Service Company of Colorado
Revenue from Current Rates
12 Months Ending December 31, 2019

Schedule 3 0.22

Non VER Generation Component

	MW	\$/kW/Yr		
ARPA	6.90	0.22	\$	1,485
PRPA	819.00	0.22	\$	176,314
MEAN	5.45	0.22	\$	1,173
TriState	384.20	0.22	\$	82,711
Yampa Valley	0.75	0.22	\$	161
Black Hills	448.00	0.22	\$	96,445
IREA	190.00	0.22	\$	40,903

Public Service Company of Colorado
Revenue from Current Rates
12 Months Ending December 31, 2019

Schedule 3 - VER 1.8568

VER Generation Component

Wind

MW \$/kW/Yr

ARPA 7.50 0.94 \$ 7,020 **Note 1**

PRPA 60.00 1.86 \$ 111,407

TriState 83.00 1.86 \$ 154,114

Black Hills 89.04 1.86 \$ 165,329

Solar

PRPA 36.27 1.86 \$ 67,346

TriState 67.50 1.86 \$ 125,333

IREA 12.80 1.86 \$ 23,767

Total \$ 654,316

Note 1: Preferential rate treatment as approved in docket ER14-196

Schedule 3a

There are no applicable 3rd party long-term point-to-point contracts that would pay 3a

Schedule 16**ARPA**

7.5	MW
0.580	\$/MW/Mo
12	Mos/Yr
1000	kW/MW
<hr/>	
\$ 52,200	

PRPA

66.27	MW
0.877	\$/MW/Mo
12	Mos/Yr
1000	kW/MW
<hr/>	
\$ 697,284	

BHCE

89.04	MW
0.877	\$/MW/Mo
12	Mos/Yr
1000	kW/MW
<hr/>	
\$ 936,867	

TSGT

83	MW
0.877	\$/MW/Mo
12	Mos/Yr
1000	kW/MW
<hr/>	
\$ 873,315	

\$ 2,559,667

Total

Public Service Company of Colorado
Revenue from Proposed Rates
12 Months Ending December 31, 2021

Schedule 3 0.0641

Load Component

MEAN NIT		
Month	Monthly CP	Ancillary Charges
Jan	36,562	\$ 2,344
Feb	33,684	\$ 2,159
Mar	31,364	\$ 2,010
Apr	24,944	\$ 1,599
May	22,630	\$ 1,451
Jun	29,007	\$ 1,859
Jul	31,334	\$ 2,009
Aug	30,911	\$ 1,981
Sep	28,598	\$ 1,833
Oct	29,168	\$ 1,870
Nov	31,464	\$ 2,017
Dec	33,956	\$ 2,177
Total Load Component		\$ 23,308

TriState BASOT		
Month	Monthly CP	Ancillary Charges
Jan	156,782	\$ 10,050
Feb	150,583	\$ 9,652
Mar	159,868	\$ 10,248
Apr	167,889	\$ 10,762
May	182,861	\$ 11,721
Jun	235,683	\$ 15,107
Jul	267,664	\$ 17,157
Aug	241,702	\$ 15,493
Sep	236,666	\$ 15,170
Oct	178,734	\$ 11,457
Nov	181,698	\$ 11,647
Dec	189,875	\$ 12,171
		\$ 150,635

BHCE BSOT		
Month	Monthly CP	Ancillary Charges
Jan	285,000	\$ 18,269
Feb	258,000	\$ 16,538
Mar	285,000	\$ 18,269
Apr	237,000	\$ 15,192
May	279,000	\$ 17,884
Jun	366,000	\$ 23,461
Jul	423,000	\$ 27,114
Aug	408,000	\$ 26,153
Sep	393,000	\$ 25,191
Oct	282,000	\$ 18,076
Nov	284,000	\$ 18,204
Dec	283,000	\$ 18,140
		\$ 242,490

ARPA BASOT		
Month	Monthly CP	Ancillary Charges
Jan	34,727	\$ 2,226
Feb	36,803	\$ 2,359
Mar	37,720	\$ 2,418
Apr	27,886	\$ 1,787
May	40,116	\$ 2,571
Jun	58,002	\$ 3,718
Jul	67,110	\$ 4,302
Aug	58,121	\$ 3,726
Sep	48,458	\$ 3,106
Oct	37,735	\$ 2,419
Nov	34,698	\$ 2,224
Dec	39,812	\$ 2,552
		\$ 33,408

PRPA BASOT		
Month	Monthly CP	Ancillary Charges
Jan	464,668	\$ 29,785
Feb	482,885	\$ 30,953
Mar	479,071	\$ 30,708
Apr	397,363	\$ 25,471
May	417,718	\$ 26,776
Jun	591,685	\$ 37,927
Jul	676,020	\$ 43,333
Aug	657,096	\$ 42,120
Sep	631,970	\$ 40,509
Oct	466,800	\$ 29,922
Nov	456,420	\$ 29,257
Dec	469,000	\$ 30,063
		\$ 396,824

TriState NIT		
Month	Monthly CP	Ancillary Charges
Jan	236,213	\$ 15,141
Feb	228,106	\$ 14,622
Mar	244,787	\$ 15,691
Apr	185,542	\$ 11,893
May	202,442	\$ 12,977
Jun	275,247	\$ 17,643
Jul	321,368	\$ 20,600
Aug	313,733	\$ 20,110
Sep	323,635	\$ 20,745
Oct	230,298	\$ 14,762
Nov	237,820	\$ 15,244
Dec	234,441	\$ 15,028
		\$ 194,456

Burlington NIT		
Month	Monthly CP	Ancillary Charges
Jan	3,917	\$ 251
Feb	4,116	\$ 264
Mar	4,141	\$ 265
Apr	2,839	\$ 182
May	3,946	\$ 253
Jun	6,517	\$ 418
Jul	7,868	\$ 504
Aug	7,590	\$ 487
Sep	6,490	\$ 416
Oct	4,299	\$ 276
Nov	4,365	\$ 280
Dec	3,308	\$ 212
		\$ 3,807

Center NIT		
Month	Monthly CP	Ancillary Charges
Jan	2,190	\$ 140
Feb	2,266	\$ 145
Mar	1,999	\$ 128
Apr	2,283	\$ 146
May	1,907	\$ 122
Jun	2,070	\$ 133
Jul	2,242	\$ 144
Aug	1,894	\$ 121
Sep	1,323	\$ 85
Oct	2,426	\$ 156
Nov	2,333	\$ 150
Dec	2,511	\$ 161
		\$ 1,631

IREA NIT		
Month	Monthly CP	Ancillary Charges
Jan	406,074	\$ 26,029
Feb	381,742	\$ 24,470
Mar	396,427	\$ 25,411
Apr	326,579	\$ 20,934
May	311,050	\$ 19,938
Jun	480,659	\$ 30,810
Jul	576,633	\$ 36,962
Aug	558,651	\$ 35,810
Sep	585,573	\$ 37,535
Oct	377,051	\$ 24,169
Nov	386,041	\$ 24,745
Dec	390,003	\$ 24,999
		\$ 331,813

Grand Valley NIT		
Month	Monthly CP	Ancillary Charges
Jan	42,037	\$ 2,695
Feb	38,421	\$ 2,463
Mar	34,501	\$ 2,212
Apr	28,706	\$ 1,840
May	29,717	\$ 1,905
Jun	45,082	\$ 2,890
Jul	51,339	\$ 3,291
Aug	49,267	\$ 3,158
Sep	52,668	\$ 3,376
Oct	35,148	\$ 2,253
Nov	36,143	\$ 2,317
Dec	38,672	\$ 2,479
		\$ 30,877

Yampa Valley NIT		
Month	Monthly CP	Ancillary Charges
Jan	106,701	\$ 6,840
Feb	92,406	\$ 5,923
Mar	90,105	\$ 5,776
Apr	64,020	\$ 4,104
May	43,638	\$ 2,797
Jun	50,240	\$ 3,220
Jul	55,039	\$ 3,528
Aug	53,277	\$ 3,415
Sep	52,729	\$ 3,380
Oct	87,992	\$ 5,640
Nov	83,294	\$ 5,339
Dec	103,563	\$ 6,638
		\$ 56,601

WAPA NIT		
Month	Monthly CP	Ancillary Charges
Jan	39,876	\$ 2,556
Feb	41,920	\$ 2,687
Mar	36,810	\$ 2,360
Apr	30,679	\$ 1,967
May	35,097	\$ 2,250
Jun	40,141	\$ 2,573
Jul	40,307	\$ 2,584
Aug	39,281	\$ 2,518
Sep	23,951	\$ 1,535
Oct	44,988	\$ 2,884
Nov	61,341	\$ 3,932
Dec	62,363	\$ 3,997
		\$ 31,842

**Public Service Company of Colorado
Revenue from Proposed Rates
12 Months Ending December 31, 2021**

Schedule 3 0.0544

Non VER Generation Component

	MW	\$/kW/Yr		
ARPA	6.90	0.05	\$	375
PRPA	819.00	0.05	\$	44,554
MEAN	5.45	0.05	\$	296
TriState	384.20	0.05	\$	20,900
			\$	-
Yampa Valley	0.75	0.05	\$	41
Black Hills	448.00	0.05	\$	24,371
IREA	190.00	0.05	\$	10,336

Public Service Company of Colorado
Revenue from Proposed Rates
12 Months Ending December 31, 2021

Schedule 3 - Wind 1.6310

VER - Wind Generation Component

	MW	\$/kW/Yr		
ARPA	7.50	0.94	\$	7,020 Note 1
PRPA	60.00	1.63	\$	97,860
TriState	83.00	1.63	\$	135,373
Black Hills	89.04	1.63	\$	145,224

Public Service Company of Colorado
Revenue from Proposed Rates
12 Months Ending December 31, 2021

Schedule 3 - Solar 0.883

VER - Solar Generation Component

	MW	\$/kW/Yr		
PRPA	36.27	0.88	\$	32,030
TriState	67.50	0.88	\$	59,609
IREA	12.80	0.88	\$	11,304

Schedule 3a

There are no applicable 3rd party long-term point-to-point contracts that would pay 3a

Schedule 16

ARPA

7.5	MW
0.580	\$/MW/Mo
12	Mos/Yr
1000	kW/MW
<hr/>	
\$ 52,200	

PRPA

66.27	MW
1.506	\$/MW/Mo
12	Mos/Yr
1000	kW/MW
<hr/>	
\$ 1,197,543	

BHCE

89.04	MW
1.506	\$/MW/Mo
12	Mos/Yr
1000	kW/MW
<hr/>	
\$ 1,609,012	

TSGT

83	MW
1.506	\$/MW/Mo
12	Mos/Yr
1000	kW/MW
<hr/>	
\$ 1,499,865	

\$ 4,358,621

Total

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2019
Summary of Estimated Rates

Table 2
2019 - Billed Rates

Line No.	Description	Reference	Transmission Amount	
	Col. (1)	Col. (2)	Col. (3)	
1	Revenue Requirement	ATRR Est. Line 131	\$ 248,373,602	
2				
3	Prior Period Correction True up Adjustment	WP_A-2 Line 52	-	
4	Interest on Prior Period Correction True Up Adjustment	WP_A-2 Line 53	-	
5				
6	Estimated Revenue Requirement with True Up	Sum Lines 1 through 4	\$ 248,373,602	
7				
8	Divisor			
9	Transmission Network Load	WP_I-1 Line 15, Col. (g)	5,917,166	
10				
11	Rates			
12	Annual Cost (\$/kW-Yr)	Line 6 / Line 9	\$	41.975 /kW-year
13				
14	Network & Point-to-Point Rate (\$/kW-Mo)	Line 12 / 12	\$	3.498 /kW-month
15				
16	Weekly P-To-P Rate	Line 12 / 52	\$	0.807 /kW-week
17	Daily P-To-P Rate (Capped at weekly rate)	Line 16 / 6	\$	0.135 /kW-day
18	On Peak Hourly P-To-P Rate (Capped at weekly & daily rate)	(Line 17 / 16) X 1,000	\$	8.438 /MWh
19	Off Peak Hourly P-To-P Rate	((Line 16 / 7) / 24) X 1,000	\$	4.800 /MWh
20				
21	FERC Annual Charge	(Note 1)	\$	0.0722 /MWh
22				
23				
24	Ancillary Service Rates (2)			
25				
26	Schedule 1- Scheduling, System Control and Dispatch			
27	Monthly Point-to-Point Delivery	Schedule 1 Line 18	\$	0.054 /kW-month
28	Weekly Point-to-Point Delivery	Schedule 1 Line 19	\$	0.013 /kW-week
29	Daily Point-to-Point Delivery	Schedule 1 Line 20	\$	0.002 /kW-day
30	Hourly Point-to-Point Delivery	Schedule 1 Line 21	\$	0.074 /MWh
31	Network Integration Delivery	Schedule 1 Line 18	\$	0.054 /kW-month
32	Ancillary Service Delivery	Schedule 1 Line 18	\$	0.054 /kW-month
33				
34	Schedule 2- Reactive Supply and Voltage Control From Generation Sources Service			
35	Monthly Point-to-Point Delivery	Schedule 2 Line 24	\$	0.2100 /kW-month
36	Weekly Point-to-Point Delivery	Schedule 2 Line 25	\$	0.0490 /kW-week
37	Daily Point-to-Point Delivery	Schedule 2 Line 26	\$	0.0080 /kW-day
38	Daily Point-to-Point Delivery off Peak	Schedule 2 Line 27	\$	0.0070 /kW-day
39	Hourly Point-to-Point Delivery	Schedule 2 Line 28	\$	0.5000 /MWh
40	Hourly Point-to-Point Delivery off Peak	Schedule 2 Line 29	\$	0.2920 /MWh
41	Network Integration Delivery	Schedule 2 Line 24	\$	0.2100 /kW-month
42	Ancillary Service Delivery	Schedule 2 Line 24	\$	0.2100 /kW-month
43				
44	Schedule 3 and 3A- Regulation and Frequency Response Service		Load	Non-VER
	Reserved Capacity Factor applicable to network load or reserved capacity			VER
45	reserved capacity	Schedule 3 and 3A Line 31	1.27%	0.24%
46	Monthly Point-to-Point Delivery	Schedule 3 and 3A Line 33	\$ 7.475	\$ 7.4750
47	Weekly Point-to-Point Delivery	Schedule 3 and 3A Line 34	\$ 1.725	\$ 1.725
48	Daily Point-to-Point Delivery on Peak	Schedule 3 and 3A Line 35	\$ 287.513	\$ 287.513
49	Daily Point-to-Point Delivery off Peak	Schedule 3 and 3A Line 36	\$ 246.440	\$ 246.440
50	Hourly Point-to-Point Delivery on Peak	Schedule 3 and 3A Line 37	\$ 17.970	\$ 17.970
51	Hourly Point-to-Point Delivery off Peak	Schedule 3 and 3A Line 38	\$ 10.268	\$ 10.268
52	Network Integration Delivery	Schedule 3 and 3A Line 39	\$ 7.475	\$ 7.475
53	Ancillary Service Delivery	Schedule 3 and 3A Line 40	\$ 7.475	\$ 7.475
54				
55	Schedule 5- Operating Reserve- Spinning Reserve Service			
	Reserved Capacity Factor applicable to network load or reserved capacity	Note 3	3.50%	x monthly Load
56	Monthly Point-to-Point Delivery	Schedule 5 Line 22	\$ 7.437	/kW-month
57	Weekly Point-to-Point Delivery	Schedule 5 Line 23	\$ 1.716	/kW-week
58	Daily Point-to-Point Delivery	Schedule 5 Line 24	\$ 0.286	/kW-day
59	Daily Point-to-Point Delivery off Peak	Schedule 5 Line 25	\$ 0.245	/kW-day
60	Hourly Point-to-Point Delivery on Peak	Schedule 5 Line 26	\$ 17.875	/MWh
61	Hourly Point-to-Point Delivery off Peak	Schedule 5 Line 27	\$ 10.208	/MWh
62	Hourly Point-to-Point Delivery off Peak	Schedule 5 Line 27	\$ 10.208	/MWh
63	Network Integration Delivery	Schedule 5 Line 22	\$ 7.437	/kW-month
64	Ancillary Service Delivery	Schedule 5 Line 22	\$ 7.437	/kW-month
65				
66	Schedule 6 - Operating Reserve - Supplemental Reserve Service			
	Reserved Capacity Factor applicable to network load or reserved capacity	Note 3	3.50%	x monthly Load
67	reserved capacity	Note 3	3.50%	x monthly Load
68	Monthly Point-to-Point Delivery	Schedule 6 Line 22	\$ 1.959	/kW-month
69	Weekly Point-to-Point Delivery	Schedule 6 Line 23	\$ 0.452	/kW-week
70	Daily Point-to-Point Delivery	Schedule 6 Line 24	\$ 0.075	/kW-day
71	Daily Point-to-Point Delivery off Peak	Schedule 6 Line 25	\$ 0.065	/kW-day
72	Hourly Point-to-Point Delivery on Peak	Schedule 6 Line 26	\$ 4.688	/MWh
73	Hourly Point-to-Point Delivery off Peak	Schedule 6 Line 27	\$ 2.708	/MWh
74	Network Integration Delivery	Schedule 6 Line 22	\$ 1.959	/kW-month
75	Ancillary Service Delivery	Schedule 6 Line 22	\$ 1.959	/kW-month
76				
77	Schedule 16 - Flex Reserve			
	Reserved Capacity Factor applicable to network load or reserved capacity	Schedule 16 Line 29	14.57%	x monthly Load
78	reserved capacity	Schedule 16 Line 29	14.57%	x monthly Load
79	Monthly Point-to-Point Delivery	Schedule 16 Line 33	\$ 6.018	/kW-month
80	Weekly Point-to-Point Delivery	Schedule 16 Line 34	\$ 1.389	/kW-week
81	Daily Point-to-Point Delivery	Schedule 16 Line 35	\$ 231.442	/kW-day
82	Daily Point-to-Point Delivery off Peak	Schedule 16 Line 36	\$ 198.379	/kW-day
83	Hourly Point-to-Point Delivery on Peak	Schedule 16 Line 37	\$ 14.465	/MWh
84	Hourly Point-to-Point Delivery off Peak	Schedule 16 Line 38	\$ 8.266	/MWh
85	Network Integration Delivery	Schedule 16 Line 39	\$ 6.018	/kW-month
86	Ancillary Service Delivery	Schedule 16 Line 40	\$ 6.018	/kW-month
87				

Note 1. The FERC's annual charge per MWh is established by the Commission annually, and is assessed to the Transmission Owner, and is passed through to the Transmission Customers.

Note 2. Ancillary Service Schedules 2, 3, 5, 6 will be based on actual data from the latest FERC Form No. 1. These schedules will be updated annually with the Annual Update but will not be subject to the True-up provision. Ancillary Service Schedule 1 will be updated annually, will be based on forecast data and will be subject to the True-up provision.

Note 3. Fixed value that cannot change without a Section 205 or 206 filing.

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2021
Summary of Estimated Rates

Line No.	Description	Reference	Transmission	
			Col. (2)	Col. (3)
1	Revenue Requirement	ATRR Est. Line 138		
2				
3	Prior Period Correction True up Adjustment	WP_A-2 Line 52		
4	Interest on Prior Period Correction True Up Adjustment	WP_A-2 Line 53		
5				
6	Estimated Revenue Requirement with True Up	Sum Lines 1 through 4	\$	-
7				
8	Divisor			
9	Transmission Network Load	WP_I-1 Line 15, Col. (g)		
10				
11	Rates			
12	Annual Cost (\$/kW-Yr)	Line 6 / Line 9		/kW-year
13				
14	Network & Point-to-Point Rate (\$/kW-Mo)	Line 12 / 12		/kW-month
15				
16	Weekly P-To-P Rate	Line 12 / 52		/kW-week
17	Daily P-To-P Rate (Capped at weekly rate)	Line 16 / 6		/kW-day
18	On Peak Hourly P-To-P Rate (Capped at weekly & daily rate)	(Line 17 / 16) X 1,000		/MWh
19	Off Peak Hourly P-To-P Rate	((Line 16 / 7) / 24) X 1,000		/MWh
20				
21	FERC Annual Charge	(Note 1)		/MWh
22				
23				
24				
25				
26	Schedule 1- Scheduling, System Control and Dispatch			
27	Monthly Point-to-Point Delivery	Schedule 1 Line 18		/kW-month
28	Weekly Point-to-Point Delivery	Schedule 1 Line 19		/kW-week
29	Daily Point-to-Point Delivery	Schedule 1 Line 20		/kW-day
30	Hourly Point-to-Point Delivery	Schedule 1 Line 21		/MWh
31	Network Integration Delivery	Schedule 1 Line 18		/kW-month
32	Ancillary Service Delivery	Schedule 1 Line 18		/kW-month
33				
34	Schedule 2- Reactive Supply and Voltage Control From Generation Sources Service			
35	Monthly Point-to-Point Delivery	Schedule 2 Line 24		/kW-month
36	Weekly Point-to-Point Delivery	Schedule 2 Line 25		/kW-week
37	Daily Point-to-Point Delivery	Schedule 2 Line 26		/kW-day
38	Daily Point-to-Point Delivery off Peak	Schedule 2 Line 27		/kW-day
39	Hourly Point-to-Point Delivery	Schedule 2 Line 28		/MWh
40	Hourly Point-to-Point Delivery off Peak	Schedule 2 Line 29		/MWh
41	Network Integration Delivery	Schedule 2 Line 24		/kW-month
42	Ancillary Service Delivery	Schedule 2 Line 24		/kW-month
43				
44	Schedule 3 and 3A- Regulation and Frequency Response Service		Load	Non-VER
	Reserved Capacity Factor applicable to network load, reserved capacity, or Nameplate Capacity	Schedule 3 and 3A Line 30	0.96%	
45	Monthly Point-to-Point Delivery	Schedule 3 and 3A Line 32	\$ 6.703	\$ 6.703
46	Weekly Point-to-Point Delivery	Schedule 3 and 3A Line 33	\$ 1.547	\$ 1.547
47	Daily Point-to-Point Delivery on Peak	Schedule 3 and 3A Line 34	\$ 257.817	\$ 257.817
48	Daily Point-to-Point Delivery off Peak	Schedule 3 and 3A Line 35	\$ 220.986	\$ 220.986
49	Hourly Point-to-Point Delivery on Peak	Schedule 3 and 3A Line 36	\$ 16.114	\$ 16.114
50	Hourly Point-to-Point Delivery off Peak	Schedule 3 and 3A Line 37	\$ 9.208	\$ 9.208
51	Network Integration Delivery	Schedule 3 and 3A Line 38	\$ 6.703	\$ 6.703
52	Ancillary Service Delivery	Schedule 3 and 3A Line 39	\$ 6.703	\$ 6.703
53				
54				
55	Schedule 5- Operating Reserve- Spinning Reserve Service			
	Reserved Capacity Factor applicable to network load or reserved capacity	Note 3	3.50%	x monthly Load
56	Monthly Point-to-Point Delivery	Schedule 5 Line 22	\$ 7.560	/kW-month
57	Weekly Point-to-Point Delivery	Schedule 5 Line 23	\$ 1.745	/kW-week
58	Daily Point-to-Point Delivery	Schedule 5 Line 24	\$ 0.291	/kW-day
59	Daily Point-to-Point Delivery off Peak	Schedule 5 Line 25	\$ 0.249	/kW-day
60	Hourly Point-to-Point Delivery on Peak	Schedule 5 Line 26	\$ 18.188	/MWh
61	Hourly Point-to-Point Delivery off Peak	Schedule 5 Line 27	\$ 10.375	/MWh
62	Network Integration Delivery	Schedule 5 Line 22	\$ 7.560	/kW-month
63	Ancillary Service Delivery	Schedule 5 Line 22	\$ 7.560	/kW-month
64				
65				
66	Schedule 6 - Operating Reserve - Supplemental Reserve Service			
	Reserved Capacity Factor applicable to network load or reserved capacity	Note 3	3.50%	x monthly Load
67	Monthly Point-to-Point Delivery	Schedule 6 Line 22	\$ 2.095	/kW-month
68	Weekly Point-to-Point Delivery	Schedule 6 Line 23	\$ 0.484	/kW-week
69	Daily Point-to-Point Delivery	Schedule 6 Line 24	\$ 0.081	/kW-day
70	Daily Point-to-Point Delivery off Peak	Schedule 6 Line 25	\$ 0.069	/kW-day
71	Hourly Point-to-Point Delivery on Peak	Schedule 6 Line 26	\$ 5.063	/MWh
72	Hourly Point-to-Point Delivery off Peak	Schedule 6 Line 27	\$ 2.875	/MWh
73	Network Integration Delivery	Schedule 6 Line 22	\$ 2.095	/kW-month
74	Ancillary Service Delivery	Schedule 6 Line 22	\$ 2.095	/kW-month
75				
76				
77	Schedule 16 - Flex Reserve			
	Reserved Capacity Factor applicable to network load or reserved capacity	Schedule 16 Line 29	23.86%	x monthly Load
78	Monthly Point-to-Point Delivery	Schedule 16 Line 31	\$ 6.312	/kW-month
79	Weekly Point-to-Point Delivery	Schedule 16 Line 32	\$ 1.457	/kW-week
80	Daily Point-to-Point Delivery	Schedule 16 Line 33	\$ 242.756	/kW-day
81	Daily Point-to-Point Delivery off Peak	Schedule 16 Line 34	\$ 208.077	/kW-day
82	Hourly Point-to-Point Delivery on Peak	Schedule 16 Line 35	\$ 15.172	/MWh
83	Hourly Point-to-Point Delivery off Peak	Schedule 16 Line 36	\$ 8.670	/MWh
84	Network Integration Delivery	Schedule 16 Line 37	\$ 6.312	/kW-month
85	Ancillary Service Delivery	Schedule 16 Line 38	\$ 6.312	/kW-month
86				
87				

Note 1. The FERC's annual charge per MWh is established by the Commission annually, and is assessed to the Transmission Owner, and is passed through to the Transmission Customers.

Note 2. Ancillary Service Schedules 2, 3, 5, 6 will be based on actual data from the latest FERC Form No. 1. These schedules will be updated annually with the Annual Update but will not be subject to the True-up provision. Ancillary Service Schedule 1 will be updated annually, will be based on forecast data and will be subject to the True-up provision.

Note 3. Fixed value that cannot change without a Section 205 or 206 filing.

Public Service Company of Colorado
Schedule 3 and 16 Charges
Effective January 1, 2019

1) Schedule 3 Regulation and Frequency Response Service - Non-VER Generation

Invoice Type	Customer	Facility	Nameplate Capacity (MW)	Capacity Factor	Rate / kW- month	Amount	Annualized
PSCO BASOT	ARPA	Holly (1.5) , Trinidad (5.4)	6.9	0.07%	\$ 6.703	\$ 31.30	\$ 376
PSCO BASOT	BHCE	Airport (10), Pueblo Diesel (8), Rocky Ford (10), PAGS (420)	448	0.07%	\$ 6.703	\$ 2,032.01	\$ 24,384
PSCO Network	MEAN	Ruedi (5), Maroon Creek (0.45)	5.45	0.07%	\$ 6.703	\$ 24.72	\$ 297
PSCO BASOT	PRPA	Rawhide (668), Craig Units 1 & 2 (151)	819	0.07%	\$ 6.703	\$ 3,714.76	\$ 44,577
PSCO Wholesale Network	PSC - IREA Trans	Comanche 3	190	0.07%	\$ 6.703	\$ 861.79	\$ 10,341
PSCO Wholesale Network	PSC - Yampa Valley	Stagecoach	0.75	0.07%	\$ 6.703	\$ 3.40	\$ 41
PSCO Network	TSGT	JM Shafer	150	0.07%	\$ 6.703	\$ 680.36	\$ 8,164
PSCO Network	TSGT	Brush 2	72	0.07%	\$ 6.703	\$ 326.57	\$ 3,919
PSCO Network	TSGT	Knutson 1 (Brighton)	77	0.07%	\$ 6.703	\$ 349.25	\$ 4,191
PSCO Network	TSGT	Knutson 2 (Brighton)	77	0.07%	\$ 6.703	\$ 349.25	\$ 4,191
PSCO Network	TSGT	Boulder Canyon	5	0.07%	\$ 6.703	\$ 22.68	\$ 272
PSCO Network	TSGT	Erie Landfill Project	3.2	0.07%	\$ 6.703	\$ 14.51	\$ 174
Total Schedule 3 Non-VER Generation			1,854.30			\$ 8,410.60	\$ 100,927.16

2) Schedule 3 Regulation and Frequency Response Service - VER Generation - WIND

Invoice Type	Customer	Facility	Nameplate Capacity (MW)	Capacity Factor	Rate / kW- month	Amount	Annualized
PSCO BASOT	ARPA	Lamar (6), Springfield (1.5)	7.5	Note 1	\$ 0.078	\$ 585.00	\$ 7,020
PSCO BASOT	BHCE	Busch Ranch Wind (29.04), Peak View (60)	89.04	2.03%	\$ 6.703	\$ 12,102.37	\$ 145,228
PSCO BASOT	PRPA	Spring Canyon (60)	60	2.03%	\$ 6.703	\$ 8,155.24	\$ 97,863
PSCO Network	TSGT	Huerfano River Wind Farm	8	2.03%	\$ 6.703	\$ 1,087.36	\$ 13,048
PSCO Network	TSGT	Twin Buttes II Wind PPA	75	2.03%	\$ 6.703	\$ 10,194.04	\$ 122,329
			239.54			\$ 32,124.01	\$ 385,488.15

2) Schedule 3 Regulation and Frequency Response Service - VER Generation - SOLAR

PSCO BASOT	PRPA	Rawhide Flats Solar (30), Medicine Bow (6.27),	36.27	1.10%	\$ 6.703	\$ 2,669.31	\$ 32,032
PSCO Wholesale Network	PSC - IREA Trans	Victory Solar	12.8	1.10%	\$ 6.703	\$ 942.02	\$ 11,304
PSCO BASOT	TSGT	Penitente Solar	2.8	1.10%	\$ 6.703	\$ 206.07	\$ 2,473
PSCO BASOT	TSGT	Fort Lupton/Jenkins Solar	13	1.10%	\$ 6.703	\$ 956.74	\$ 11,481
PSCO BASOT	TSGT	Vilas Solar	4	1.10%	\$ 6.703	\$ 294.38	\$ 3,533
PSCO BASOT	TSGT	Platte Solar	16	1.10%	\$ 6.703	\$ 1,177.53	\$ 14,130
PSCO Network	TSGT	San Isabel Solar PPA	30	1.10%	\$ 6.703	\$ 2,207.86	\$ 26,494
PSCO Network	TSGT	Hanger 160	1.7	1.10%	\$ 6.703	\$ 125.11	\$ 1,501
			116.57			\$ 8,579.02	\$ 102,948.25

3) Schedule 16 Flex Reserve Service

Invoice Type	Customer	Facility	Nameplate Capacity (MW)	Capacity Factor	Rate / kW- month	Amount	Annualized
PSCO BASOT	ARPA	Lamar (6), Springfield (1.5)	7.5	Note 1	\$ 0.580	\$ 4,350.00	\$ 52,200
PSCO BASOT	BHCE	Busch Ranch Wind (29), Peak View (60)	89.04	23.86%	\$ 6.312	\$ 134,084.36	\$ 1,609,012
PSCO BASOT	PRPA	Medicine Bow (6.27), Spring Canyon (60)	66.27	23.86%	\$ 6.312	\$ 99,795.27	\$ 1,197,543
PSCO Network	TSGT	Huerfano River Wind	8	23.86%	\$ 6.312	\$ 12,047.11	\$ 144,565
PSCO Network	TSGT	Twin Buttes II Wind PPA	75	23.86%	\$ 6.312	\$ 112,941.68	\$ 1,355,300
Total Schedule 16 Flex Reserve Service			245.81			\$ 363,218.42	\$ 4,358,621.03

Grand Total Schedule 3 and 16

\$ 403,753.03 \$ 4,845,036

Transmission Billing Amount = MW *1000 * Capacity Factor * Rate = Schedule 3 & 16 Charges

Notes:

1 Preferential Rate Treatment, as approved in Docket ER14-196

Nameplate Capacity (MW) is updated in December each year based on Transmission Customer attestation to received by December 1

Capacity Factor and Rate will change annually in the Formula Rate Template

Schedule 3A applies to generators in the PSCO BA exporting outside of the BA - At this point, it is believed that TSGT Rifle Generating Station (Non-Firm) is the only generator that would apply. Rifle Generating Station is not generating throughout the year, and typically only generates in the summer.

Public Service Company of Colorado
Schedule 3 and 16 Charges
Effective January 1, 2019

1) Schedule 3 Regulation and Frequency Response Service - Non-VER Generation

Invoice Type	Customer	Facility	Nameplate Capacity (MW)	Capacity Factor	Rate / kW- month	Amount	Annualized	
PSCO BASOT	ARPA	Holly (1.5) , Trinidad (5.4)	6.9	0.24%	\$ 7.475	\$ 123.79	\$ 1,485	\$ 0.21528
PSCO BASOT	BHCE	Airport (10), Pueblo Diesel (8), Rocky Ford (10), PAGS (420)	448	0.24%	\$ 7.475	\$ 8,037.12	\$ 96,445	
PSCO Network	MEAN	Ruedi (5), Maroon Creek (0.45)	5.45	0.24%	\$ 7.475	\$ 97.77	\$ 1,173	
PSCO BASOT	PRPA	Rawhide (668), Craig Units 1 & 2 (151)	819	0.24%	\$ 7.475	\$ 14,692.86	\$ 176,314	
PSCO Wholesale Network	PSC - IREA Trans	Comanche 3	190	0.24%	\$ 7.475	\$ 3,408.60	\$ 40,903	
PSCO Wholesale Network	PSC - Yampa Valley	Stagecoach	0.75	0.24%	\$ 7.475	\$ 13.46	\$ 161	
PSCO Network	TSGT	JM Shafer	150	0.24%	\$ 7.475	\$ 2,691.00	\$ 32,292	
PSCO Network	TSGT	Brush 2	72	0.24%	\$ 7.475	\$ 1,291.68	\$ 15,500	
PSCO Network	TSGT	Knutson 1 (Brighton)	77	0.24%	\$ 7.475	\$ 1,381.38	\$ 16,577	
PSCO Network	TSGT	Knutson 2 (Brighton)	77	0.24%	\$ 7.475	\$ 1,381.38	\$ 16,577	
PSCO Network	TSGT	Boulder Canyon	5	0.24%	\$ 7.475	\$ 89.70	\$ 1,076	
PSCO Network	TSGT	Erie Landfill Project	3.2	0.24%	\$ 7.475	\$ 57.41	\$ 689	
Total Schedule 3 Non-VER Generation			1,854.30			\$ 33,266.14	\$ 399,193.70	

2) Schedule 3 Regulation and Frequency Response Service - VER Generation - WIND

Invoice Type	Customer	Facility	Nameplate Capacity (MW)	Capacity Factor	Rate / kW- month	Amount	Annualized	
PSCO BASOT	ARPA	Lamar (6), Springfield (1.5)	7.5	Note 1	\$ 0.078	\$ 585.00	\$ 7,020	
PSCO BASOT	BHCE	Busch Ranch Wind (29.04), Peak View (60)	89.04	2.07%	\$ 7.475	\$ 13,777.38	\$ 165,329	
PSCO BASOT	PRPA	Spring Canyon (60)	60	2.07%	\$ 7.475	\$ 9,283.95	\$ 111,407	
PSCO Network	TSGT	Huerfano River Wind Farm	8	2.07%	\$ 7.475	\$ 1,237.86	\$ 14,854	
PSCO Network	TSGT	Twin Buttes II Wind PPA	75	2.07%	\$ 7.475	\$ 11,604.94	\$ 139,259	
			239.54			\$ 36,489.13	\$ 437,869.55	

2) Schedule 3 Regulation and Frequency Response Service - VER Generation - SOLAR

PSCO BASOT	PRPA	Rawhide Flats Solar (30), Medicine Bow (6.27),	36.27	2.07%	\$ 7.475	\$ 5,612.15	\$ 67,346	
PSCO Wholesale Network	PSC - IREA Trans	Victory Solar	12.8	2.07%	\$ 7.475	\$ 1,980.58	\$ 23,767	
PSCO BASOT	TSGT	Penitente Solar	2.8	2.07%	\$ 7.475	\$ 433.25	\$ 5,199	
PSCO BASOT	TSGT	Fort Lupton/Jenkins Solar	13	2.07%	\$ 7.475	\$ 2,011.52	\$ 24,138	
PSCO BASOT	TSGT	Vilas Solar	4	2.07%	\$ 7.475	\$ 618.93	\$ 7,427	
PSCO BASOT	TSGT	Platte Solar	16	2.07%	\$ 7.475	\$ 2,475.72	\$ 29,709	
PSCO Network	TSGT	San Isabel Solar PPA	30	2.07%	\$ 7.475	\$ 4,641.98	\$ 55,704	
PSCO Network	TSGT	Hanger 160	1.7	2.07%	\$ 7.475	\$ 263.05	\$ 3,157	
			116.57			\$ 18,037.17	\$ 216,446.01	

3) Schedule 16 Flex Reserve Service

Invoice Type	Customer	Facility	Nameplate Capacity (MW)	Capacity Factor	Rate / kW- month	Amount	Annualized	
PSCO BASOT	ARPA	Lamar (6), Springfield (1.5)	7.5	Note 1	\$ 0.580	\$ 4,350.00	\$ 52,200	
PSCO BASOT	BHCE	Busch Ranch Wind (29), Peak View (60)	89.04	14.57%	\$ 6.018	\$ 78,072.28	\$ 936,867	
PSCO BASOT	PRPA	Medicine Bow (6.27), Spring Canyon (60)	66.27	14.57%	\$ 6.018	\$ 58,107.03	\$ 697,284	
PSCO Network	TSGT	Huerfano River Wind	8	14.57%	\$ 6.018	\$ 7,014.58	\$ 84,175	
PSCO Network	TSGT	Twin Buttes II Wind PPA	75	14.57%	\$ 6.018	\$ 65,761.70	\$ 789,140	
Total Schedule 16 Flex Reserve Service			245.81			\$ 213,305.59	\$ 2,559,667.13	

Grand Total Schedule 3 and 16

\$ 283,060.87 \$ 3,396,730

Transmission Billing Amount = MW *1000 * Capacity Factor * Rate = Schedule 3 & 16 Charges

593 14.57%

Notes:

1 Preferential Rate Treatment, as approved in Docket ER14-196

Nameplate Capacity (MW) is updated in December each year based on Transmission Customer attestation to received by December 1

Capacity Factor and Rate will change annually in the Formula Rate Template

Schedule 3A applies to generators in the PSCO BA exporting outside of the BA - At this point, it is believed that TSGT Rifle Generating Station (Non-Firm) is the only generator that would apply. Rifle Generating Station is not generating throughout the year, and typically only generates in the summer.

ATTACHMENT E

**UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION**

Public Service Company of Colorado)))	Docket No. ER21-____-000
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PROTECTIVE AGREEMENT

1. Participants in this proceeding(s) may exchange documents or materials that are deemed to contain Privileged Material and/or Critical Energy/Electric Infrastructure Information (CEII), as those terms are defined herein.
2. The Commission's regulations and its policy governing the labelling of controlled unclassified information (CUI), establish and distinguish the respective designations of Privileged Material and CEII. As to these designations, this Protective Agreement provides that a Participant:
 - A. may designate as Privileged Material any material which customarily is treated by that Participant as commercially sensitive or proprietary or material subject to a legal privilege, which is not otherwise available to the public, and which, if disclosed, would subject that Participant or its customers to risk of competitive disadvantage or other business injury; and
 - B. must designate as CEII, any material that meets the definition of that term as provided by 18 C.F.R. §§ 388.113(a), (c).
3. For the purposes of this Protective Agreement, the listed terms are defined as follows:
 - A. Participant(s): As defined at 18 C.F.R. § 385.102(b).
 - B. Privileged Material:
 - i. Material (including depositions) provided by a Participant in response to discovery requests or filed with the Commission, and that is designated as Privileged Material by such Participant;
 - ii. Material that is privileged under federal, state, or foreign law, such as work-product privilege, attorney-client privilege, or governmental privilege, and that is designated as Privileged Material by such Participant;
 - iii. Any information contained in or obtained from such designated material;
 - iv. Any other material which is made subject to this Protective Agreement by the Federal Energy Regulatory Commission (Commission), any court, or other body having appropriate authority, or by agreement of the Participants (subject to approval by the relevant authority);

- v. Notes of Privileged Material (memoranda, handwritten notes, or any other form of information (including electronic form) which copies or discloses Privileged Material); or
 - vi. Copies of Privileged Material.
 - vii. Privileged Material does not include:
 - a. Any information or document that has been filed with and accepted into the public files of the Commission, or contained in the public files of any other federal or state agency, or any federal or state court, unless the information or document has been determined to be privileged by such agency or court;
 - b. Information that is public knowledge, or which becomes public knowledge, other than through disclosure in violation of this Protective Agreement; or
 - c. Any information or document labeled as “Non-Internet Public” by a Participant, in accordance with Paragraph 30 of FERC Order No. 630.
- C. Critical Energy/Electric Infrastructure Information (CEII): As defined at 18 C.F.R. §§ 388.113(a), (c).
- D. Non-Disclosure Certificate: The certificate attached to this Protective Agreement, by which Participants granted access to Privileged Material and/or CEII must certify their understanding that such access to such material is provided pursuant to the terms and restrictions of this Protective Agreement, and that such Participants have read the Protective Agreement and agree to be bound by it. All executed Non-Disclosure Certificates must be served on all Participants on the official service list maintained by the Secretary of the Commission for this proceeding.
- E. Reviewing Representative: A person who has signed a Non-Disclosure Certificate and who is:
- i. Commission Trial Staff designated as such in this proceeding;
 - ii. An attorney who has made an appearance in this proceeding for a Participant;
 - iii. Attorneys, paralegals, and other employees associated for purposes of this case with an attorney who has made an appearance in this proceeding on behalf of a Participant;
 - iv. An expert or an employee of an expert retained by a Participant for the purpose of advising, preparing for, submitting evidence or testifying in this proceeding;
 - v. A person designated as a Reviewing Representative by order of the Commission; or

- vi. Employees or other representatives of Participants appearing in this proceeding with significant responsibility for this docket.
4. Privileged Material and/or CEII shall be made available under the terms of this Protective Agreement only to Participants and only to their Reviewing Representatives as provided in Paragraphs 6-10 of this Protective Agreement. The contents of Privileged Material, CEII or any other form of information that copies or discloses such materials shall not be disclosed to anyone other than in accordance with this Protective Agreement and shall be used only in connection with this specific proceeding.
5. All Privileged Material and/or CEII must be maintained in a secure place. Access to those materials must be limited to Reviewing Representatives specifically authorized pursuant to Paragraphs 7-9 of this Protective Agreement.
6. Privileged Material and/or CEII must be handled by each Participant and by each Reviewing Representative in accordance with the Non-Disclosure Certificate executed pursuant to Paragraph 9 of this Protective Agreement. Privileged Material and/or CEII shall not be used except as necessary for the conduct of this proceeding, nor shall they (or the substance of their contents) be disclosed in any manner to any person except a Reviewing Representative who is engaged in this proceeding and who needs to know the information in order to carry out that person's responsibilities in this proceeding. Reviewing Representatives may make copies of Privileged Material and/or CEII, but such copies automatically become Privileged Material and/or CEII. Reviewing Representatives may make notes of Privileged Material, which shall be treated as Notes of Privileged Material if they reflect the contents of Privileged Material.
7. If a Reviewing Representative's scope of employment includes any of the activities listed under this Paragraph 7, such Reviewing Representative may not use information contained in any Privileged Material and/or CEII obtained in this proceeding for a commercial purpose (e.g., to give a Participant or competitor of any Participant a commercial advantage):
 - A. Energy marketing;
 - B. Direct supervision of any employee or employees whose duties include energy marketing; or
 - C. The provision of consulting services to any person whose duties include energy marketing.
8. In the event that a Participant wishes to designate a person not described in Paragraph 3.E above as a Reviewing Representative, the Participant must seek agreement from the Participant providing the Privileged Material and/or CEII. If an agreement is reached, the designee shall be a Reviewing Representative pursuant to Paragraph 3.D of this Protective Agreement with respect to those materials. If no agreement is reached, the matter must be submitted to the Presiding Judge for resolution.
9. A Reviewing Representative shall not be permitted to inspect, participate in discussions regarding, or otherwise be permitted access to Privileged Material and/or CEII pursuant to this Protective Agreement until three business days after that Reviewing Representative first

has executed and served a Non-Disclosure Certificate. However, if an attorney qualified as a Reviewing Representative has executed a Non-Disclosure Certificate, any participating paralegal, secretarial and clerical personnel under the attorney's instruction, supervision or control need not do so. Attorneys designated Reviewing Representatives are responsible for ensuring that persons under their supervision or control comply with this Protective Agreement, and must take all reasonable precautions to ensure that Privileged Material and/or CEII are not disclosed to unauthorized persons. All executed Non-Disclosure Certificates must be served on all Participants on the official service list maintained by the Secretary of the Commission for the proceeding.

10. Any Reviewing Representative may disclose Privileged Material and/or CEII to any other Reviewing Representative as long as both Reviewing Representatives have executed a Non-Disclosure Certificate. In the event any Reviewing Representative to whom Privileged Material and/or CEII are disclosed ceases to participate in this proceeding, or becomes employed or retained for a position that renders him or her ineligible to be a Reviewing Representative under Paragraph 3.D of this Protective Agreement, access to such materials by that person shall be terminated. Even if no longer engaged in this proceeding, every person who has executed a Non-Disclosure Certificate shall continue to be bound by the provisions of this Protective Agreement and the Non-Disclosure Certificate for as long as the Protective Agreement is in effect.
11. All Privileged Material and/or CEII in this proceeding filed with the Commission, submitted to the Presiding Judge, or submitted to any Commission personnel, must comply with the Commission's Notice of Document Labelling Guidance for Documents Submitted to or Filed with the Commission or Commission Staff. Consistent with those requirements:
 - A. Documents that contain Privileged Material must include a top center header on each page of the document with the following text: CUI//PRIV. Any corresponding electronic files must also include this text in the file name.
 - B. Documents that contain CEII must include a top center header on each page of the document with the following text: CUI//CEII. Any corresponding electronic files must also include this text in the file name.
 - C. Documents that contain both Privileged Material and CEII must include a top center header on each page of the document with the following text: CUI//CEII/PRIV. Any corresponding electronic files must also include this text in the file name.
 - D. The specific content on each page of the document that constitutes Privileged Material and/or CEII must also be clearly identified. For example, lines or individual words or numbers that include both Privileged Material and CEII shall be prefaced and end with "BEGIN CUI//CEII/PRIV" and "END CUI//CEII/PRIV".
12. The Secretary shall place any Privileged Material and/or CEII filed with the Commission in a non-public file. By placing such documents in a non-public file, the Commission is not making a determination concerning any claim of privilege or CEII status. The Commission retains the right to make determinations with regard to any privilege or CEII claim, as well as

the discretion to release information necessary to carry out its jurisdictional responsibilities. For documents submitted to Commission Trial Staff, the notification procedures specified at 18 C.F.R. § 388.112 must be followed before making public any Privileged Material.

13. If any Participant desires to include, utilize, or refer to Privileged Material or information derived from Privileged Material in testimony or other exhibits during the hearing in this proceeding in a manner that might require disclosure of such materials to persons other than Reviewing Representatives, that Participant first must notify both counsel for the disclosing Participant and the Presiding Judge, and identify all such Privileged Material. Thereafter, use of such Privileged Material will be governed by procedures determined by the Presiding Judge.
14. Nothing in this Protective Agreement shall be construed as precluding any Participant from objecting to the production or use of Privileged Material and/or CEII on any appropriate ground.
15. Nothing in this Protective Agreement shall preclude any Participant from requesting the Commission, or any other body having appropriate authority, to find this Protective Agreement should not apply to all or any materials previously designated Privileged Material pursuant to this Protective Agreement. The Commission, or any other body having appropriate authority may alter or amend this Protective Agreement as circumstances warrant at any time during the course of this proceeding.
16. Each Participant governed by this Protective Agreement has the right to seek changes in it as appropriate from the Commission, or any other body having appropriate authority.
17. Subject to Paragraph 18, the Commission shall resolve any disputes arising under this Protective Agreement pertaining to Privileged Material according to the following procedures. Prior to presenting any such dispute to the Commission, the Participants to the dispute shall employ good faith best efforts to resolve it.
 - A. Any Participant that contests the designation of material as Privileged Material shall notify the Participant that provided the Privileged Material by specifying in writing the material for which the designation is contested.
 - B. In any challenge to the designation of material as Privileged Material, the burden of proof shall be on the Participant seeking protection. If the Commission finds that the material at issue is not entitled to the designation, the procedures of Paragraph 18 shall apply.
 - C. The procedures described above shall not apply to material designated by a Participant as CEII. Material so designated shall remain subject to the provisions of this Protective Agreement, unless a Participant requests and obtains a determination from the Commission's CEII Coordinator that such material need not retain that designation.
18. The designator will have five (5) days in which to respond to any pleading requesting disclosure of Privileged Material. Should the Commission, as appropriate, determine that the information should be made public, the Commission will provide notice to the designator no

less than five (5) days prior to the date on which the material will become public. This Protective Agreement shall automatically cease to apply to such material on the sixth (6th) calendar day after the notification is made unless the designator files a motion with the Commission, with supporting affidavits, demonstrating why the material should continue to be privileged. Should such a motion be filed, the material will remain confidential until such time as the motion has been addressed by the Motions Commissioner or Commission, as provided in the Commission's regulations, 18 C.F.R. §§ 385.714, .715. No Participant waives its rights to seek additional administrative or judicial remedies after the Commission's denial of any appeal thereof. The provisions of 18 C.F.R. §§ 388.112 and 388.113 shall apply to any requests under the Freedom of Information Act (5 U.S.C. § 552) for Privileged Material and/or CEII in the files of the Commission.

19. Privileged Material and/or CEII shall remain available to Participants until the later of 1) the date an order terminating this proceeding no longer is subject to judicial review, or 2) the date any other Commission proceeding relating to the Privileged Material and/or CEII is concluded and no longer subject to judicial review. After this time, the Participant that produced the Privileged Material and/or CEII may request (in writing) that all other Participants return or destroy the Privileged Material and/or CEII. This request must be satisfied with within fifteen (15) days of the date the request is made. However, copies of filings, official transcripts and exhibits in this proceeding containing Privileged Material, or Notes of Privileged Material, may be retained if they are maintained in accordance with Paragraph 5 of this Protective Agreement. If requested, each Participant also must submit to the Participant making the request an affidavit stating that to the best of its knowledge it has satisfied the request to return or destroy the Privileged Material and/or CEII. To the extent Privileged Material and/or CEII are not returned or destroyed, they shall remain subject to this Protective Agreement.
20. Regardless of any order terminating this proceeding, this Protective Agreement shall remain in effect until specifically modified or terminated by the Commission. All CEII designations shall be subject to the "[d]uration of the CEII designation" provisions of 18 C.F.R. § 388.113(e).
21. Any violation of this Protective Agreement and of any Non-Disclosure Certificate executed hereunder shall constitute a violation of an order of the Commission.

**UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION**

Public Service Company of Colorado)))	Docket No. ER21-____-000
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NON-DISCLOSURE CERTIFICATE

I hereby certify my understanding that access to Privileged Material and/or Critical Energy/Electric Infrastructure Information (CEII) is provided to me pursuant to the terms and restrictions of the Protective Agreement in this proceeding, that I have been given a copy of and have read the Protective Agreement, and that I agree to be bound by it. I understand that the contents of Privileged Material and/or CEII, any notes or other memoranda, or any other form of information that copies or discloses such materials, shall not be disclosed to anyone other than in accordance with the Protective Agreement. I acknowledge that a violation of this certificate constitutes a violation of an order of the Federal Energy Regulatory Commission.

By: _____

Printed Name: _____

Title: _____

Representing: _____

Date: _____