



1800 Larimer Street  
Denver, CO 80202

September 29, 2023

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

**RE: Public Service Company of Colorado  
Revisions to Schedule 1 of the Xcel Energy OATT for Western Energy  
Imbalance Service Market Administrative Fees  
Docket No. ER23-\_\_\_-000**

Dear Secretary Bose:

Pursuant to Section 205 of the Federal Power Act, 16 U.S.C. § 824d (2018), and Section 35.13(b) of the regulations of the Federal Energy Regulatory Commission (“Commission”), 18 C.F.R. § 35.13(b) (2023), Public Service Company of Colorado (“PSCo”) hereby submits for filing revisions to the Xcel Energy Operating Companies Joint Open Access Transmission Tariff (“Xcel Energy OATT”). The enclosed revisions amend Schedule 1 to recover administrative fees associated with PSCo’s participation in the Western Energy Imbalance Service (“WEIS”) Market of Southwest Power Pool, Inc. (“SPP”).

PSCo requests the Commission grant an effective date of January 1, 2024, for the proposed revisions to the Xcel Energy OATT.

PSCo is contemporaneously filing revisions to its Production Formula Rate Template (“Production Template”) included in Attachment A of the PSCo Assured Power and Energy Requirements Service Tariff (“Assured Power Tariff”) in a separate docket to remove WEIS administrative fees being collected from PSCo’s wholesale production customers through the Production Template. PSCo is seeking the same effective date for revisions to its Production Template.

**I. BACKGROUND**

**A. Public Service Company of Colorado**

PSCo is a wholly owned utility operating company subsidiary of Xcel Energy Inc. (“Xcel Energy”). PSCo is a vertically integrated electric utility and, *inter alia*, owns and operates transmission facilities in the State of Colorado. PSCo provides wholesale transmission service,

*inter alia*, pursuant to the Xcel Energy OATT on file with and accepted by the Commission.<sup>1</sup> PSCo also operates a Balancing Authority Area (“BAA”) in the Western Interconnection Region.

## **B. SPP’s WEIS Market**

The WEIS Market is a five-minute energy imbalance service market operated by SPP that centrally dispatches all available participating resources across the WEIS Market footprint to help balance load and generation using security constrained economic dispatch (“SCED”) market optimization software. SPP calculates each market participant’s quantity of imbalance energy within the settlement area every five minutes and settles at the locational marginal price for that area. All imbalance energy within participating BAAs is settled in the WEIS Market.

The Commission accepted SPP’s proposal to establish the WEIS Market on December 23, 2020 in Docket Nos. ER21-3-000 and ER21-4-000.<sup>2</sup> Specifically, the Commission accepted SPP’s proposed tariff to implement the WEIS Market (“SPP WEIS Tariff”), eight Western Joint Dispatch Agreements (“WJDA”) that establish the legal relationship between SPP and each of the market participants, and the Western Markets Executive Committee Charter that established the governing body for the WEIS Market.<sup>3</sup>

The WEIS Market began operations on February 1, 2021, and originally consisted of the Western Area Colorado Missouri (“WACM”) and Western Area Power Administration Upper Great Plains West (“WAUW”) BAAs and the following eight utilities: Western Area Power Administration (“WAPA”), separately and individually as WAPA Colorado River, WAPA Rocky Mountain, and WAPA Upper Great Plains Region; Basin Electric Power Cooperative (“Basin Electric”); Tri-State Generation and Transmission Association, Inc. (“Tri-State”); Deseret Generation & Transmission Cooperative (“Deseret”); Municipal Energy Agency of Nebraska; and Wyoming Municipal Power Agency. Since then, Colorado Springs Utilities and Guzman Energy LLC have also begun participation in the WEIS Market.

In order to become a WEIS Market participant, an entity must execute the WJDA with SPP. The WJDA establishes the legal relationship between SPP and the market participant and includes the provisions for SPP’s administration of the WEIS Market and the obligations of customers to pay administrative costs.

PSCo executed a WJDA with SPP on January 31, 2023 (the “SPP-PSCo WJDA”) indicating that PSCo’s initial term in the WEIS Market would begin April 1, 2023. On February 11, 2022, in Docket No. ER22-1022-000, SPP filed the SPP-PSCo WJDA with the Commission in Docket No. ER22-1022-000 on February 11, 2022.<sup>4</sup> The Commission subsequently accepted

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<sup>1</sup> The Xcel Energy OATT was restated in eTariff and accepted for filing in *Public Service Company of Colorado*, Docket No. ER16-1422-000 (Aug. 16, 2016) (unpublished letter order).

<sup>2</sup> *Sw. Power Pool, Inc.*, 173 FERC ¶ 61,267 (2020) (“WEIS Market Approval Order”).

<sup>3</sup> *Id.* at PP 1, 20.

<sup>4</sup> In the same docket, SPP also filed WJDAs with Black Hills Colorado Electric, LLC, and Platte River Power Authority.

the SPP-PSCo WJDA by letter order on April 1, 2022.<sup>5</sup> On April 1, 2023, the PSCo BAA began participating in the WEIS Market.<sup>6</sup>

## II. DESCRIPTION OF FILING

### A. Overview of SPP WEIS Administrative Fees

SPP incurs costs in administering the WEIS market and recovers those costs through the WEIS Rate, an annual fee that is charged to WJDA parties and specified in each party's WJDA with SPP. The Commission accepted SPP's rate for recovery of WEIS-related administrative costs from WEIS participants as part of the Commission's approval of SPP's WEIS proposal.<sup>7</sup>

The WEIS Rate is made up of several components: the Implementation Cost Recovery ("ICR") Charge, the Ongoing Cost Recovery ("OCR") Charge, and—for participants that joined after the initial implementation of the WEIS—the New WEIS Participant Incremental Cost Recovery ("NWPICR") Charge.<sup>8</sup> The ICR Charge recovers SPP's "initial system/software/hardware and other associated costs to establish the infrastructure and processes necessary to implement the WEIS."<sup>9</sup> The OCR Charge recovers SPP's "labor and other associated costs necessary to administer the WEIS on an ongoing basis."<sup>10</sup> The NWPICR Charge recovers "additional system/software/hardware costs to accommodate the addition of the new WEIS Participant."<sup>11</sup>

PSCo's obligation to pay administrative fees to SPP is set forth in the SPP-PSCo WJDA. As described in section 2 of the SPP-PSCo WJDA, PSCo must pay to SPP, on an annual basis, the higher of: (i) the product of its Billable NEL and the WEIS Rate; or (ii) the WEIS Participant Minimum Annual Payment ("WPMAP") determined pursuant to Exhibit A of the SPP-PSCo

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<sup>5</sup> *Sw. Power Pool, Inc.*, Docket No. ER22-1022-000 (Apr 1, 2022) (delegated letter order).

<sup>6</sup> Recently, in Docket No. ER23-960-000, PSCo submitted revisions to the Xcel Energy OATT to incorporate various non-rate terms and conditions related to WEIS implementation. The Commission accepted the revisions on March 27, 2023. *See Pub. Serv. Co. of Colo.*, Docket No. ER23-960-000 (Mar. 27, 2023) (delegated letter order).

<sup>7</sup> *See* WEIS Market Approval Order at P 48.

<sup>8</sup> SPP-PSCo WJDA, Exhibit A.

<sup>9</sup> *Id.*

<sup>10</sup> *See id.* Ongoing administrative costs include salaries of SPP employees supporting ongoing administration of the WEIS Market; project consulting expenses as needed for ongoing regulatory filings and required reporting; technology costs associated with, among other things, markets and settlement systems; travel & administrative costs to support ongoing WEIS Market stakeholder activities; principal and interest on debt used to finance WEIS Market implementation costs; and corporate overhead required to support ongoing WEIS Market administration. *See* SPP WEIS 2020 Filing, Exhibit No. SPP-0012 at 4, Docket Nos. ER21-3-000, et al. (Oct. 1, 2020).

<sup>11</sup> SPP-PSCo WJDA, Exhibit A.

WJDA.<sup>12</sup> PSCo’s “Billable NEL” (“BNEL”) is a calculation of its “net generation on or interconnected to the WEIS Market Footprint plus energy received from others less energy delivered to others through interchange and is measured in MWh/year.”<sup>13</sup> The WPMAP is a flat fee of \$9,000 that is intended to recover SPP’s costs associated with WEIS administration for a WEIS Participant with little or no BNEL.<sup>14</sup>

For PSCo’s initial period of participation in WEIS starting on April 1, 2023, PSCo is required to pay a prorated portion of the Annual Payment. Beginning in 2024, PSCo will be responsible for the full amount of its Annual Payment. PSCo’s Annual Payment consists only of calculations of the ICR Charge and the OCR Charge. PSCo was separately invoiced by SPP for the NWPICR Charge in the amount of \$435,863, as provided in the SPP-PSCo WJDA.<sup>15</sup>

## **B. Description of Schedule 1 Revisions**

Schedule 1 of the Xcel Energy OATT addresses Scheduling, System Control and Dispatch Service, an ancillary service originally established in Order No. 888.<sup>16</sup> Scheduling, System Control and Dispatch Service is required to schedule the movement of power through, out of, within, or into a BAA. Through the enclosed revisions to Schedule 1 of the Xcel Energy OATT, PSCo will include SPP’s WEIS administrative fee charges to PSCo as an expense under Schedule 1. Customers taking service from PSCo under Parts II, III, or IV of the Xcel Energy OATT<sup>17</sup> will reimburse PSCo for a portion of the WEIS Rate through the Schedule 1 rate.

To recover SPP WEIS administrative fees paid to SPP, PSCo proposes a new section (c) of Schedule 1, which is shown below:

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<sup>12</sup> SPP-PSCo WJDA § 2.

<sup>13</sup> SPP-PSCo WJDA § 1 (Definitions).

<sup>14</sup> See SPP-PSCo WJDA, Exhibit A. In light of PSCo’s substantial load in the PSCo BAA, it is unlikely that PSCo would be required to pay only the WPMAP.

<sup>15</sup> Section 16.1 (“Payment of One-Time Entry Fee”) of the SPP-PSCo WJDA states: “Following the Third Amended WJDA Effective Date, SPP will invoice PSCo \$435,863.00, Black Hills Colorado Electric, LLC \$25,254.00, and Platte River Power Authority \$38,883.00, representing their respective shares of the total PSCo BA Participants’ One-Time Entry Fee of \$500,000.00, and each will make payment to SPP within ten (10) business days of receipt. This payment shall constitute PSCo’s New WEIS Participant Incremental Cost Recovery Charge (“NWPICR”) and is non-refundable.”

<sup>16</sup> See *Promoting Wholesale Competition Through Open Access Non-Discriminatory Transmission Services by Public Utilities; Recovery of Stranded Costs by Public Utilities and Transmitting Utilities*, Order No. 888, FERC Stats. & Regs. ¶ 31,036 (1996) (Order No. 888), *order on reh’g*, Order No. 888-A, FERC Stats. & Regs. ¶ 31,048 (Order No. 888-A), *order on reh’g*, Order No. 888-B, 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 v. FERC*, 225 F.3d 667 (D.C. Cir. 2000), *aff’d sub nom. New York v. FERC*, 535 U.S. 1 (2002).

<sup>17</sup> Part II of the Xcel Energy OATT provides for point-to-point transmission services; Part III provides for network integration transmission services; and Part IV provides Balancing Area ancillary services.

This Schedule 1 also recovers the administrative costs and start-up fee assessed by SPP to PSCo in accordance with the WEIS Tariff. Customers under Parts II, III, or IV of this Tariff serving load within the PSCo Control Area are also responsible for WEIS administrative charges assessed to PSCo by SPP pursuant to the WEIS Tariff and the Western Joint Dispatch Agreement between PSCo and SPP (“WJDA”).

- (1) Unless a customer has entered into an arrangement directly with SPP to participate in the WEIS market, WEIS administrative costs assigned to PSCo shall be sub-allocated to customers under Parts II, III, or IV through an administrative charge, which will be assessed to each customer based on customer’s net energy for load (“NEL”) share in the month in which the WEIS administrative costs were incurred by PSCo. A customer’s NEL shall be determined based on the customer’s net generation on or interconnected to the WEIS Market Footprint (as defined in the WEIS Tariff) plus energy received from others less energy delivered to others through interchange. NEL includes system losses but excludes energy required for storage of energy at energy storage facilities.
- (2) Under the WJDA, new participants in WEIS are charged a New WEIS Participant Incremental Cost Recovery Charge by SPP for incremental implementation-related costs required to accommodate the new WEIS Participant. PSCo’s payment of the New WEIS Participant Incremental Cost Rate under the WJDA will be assessed to Customers under Parts II, III, or IV of this Tariff serving load within the PSCo Control Area in the same manner as other WEIS administrative fees described in subsection (1).

Subsection (c)(1) will recover from customers the ICR and OCR components of the SPP WEIS Rate. If the customer has entered into an arrangement with SPP for WEIS participation separately, the customer will be responsible for paying SPP administrative fees directly and will be exempt from payment of charges under (c)(1).

A customer will be billed the WEIS Rate based upon the customer’s net energy for load. PSCo’s proposed revisions to Schedule 1 regarding the calculation of the WEIS Rate to customers uses similar billing determinants to SPP’s assessment of WEIS Administrative Fees to PSCo on a BAA basis (see “BNEL” discussion above), but applies them more granularly to individual customers’ net energy for load. “Net energy for load” or “NEL” means the customer’s net generation on or interconnected to the WEIS Market Footprint (as defined in the WEIS Tariff) plus energy received from others less energy delivered to others through interchange. NEL includes system losses but excludes energy required for storage of energy at energy storage facilities.

Subsection (c)(2) will recover the NWPICR. As noted above, PSCo’s share of the implementation costs was \$435,863.00, which PSCo paid through a “One-Time Entry Fee.” This amount will be recovered from OATT customers on a NEL basis as well.

Lastly, the first paragraph of subsection of Schedule 1 titled Service by Public Service Company of Colorado has been modified to indicate that charges for Scheduling, System Control and Dispatch Service under Schedule 1 are based on both the rates set forth in Schedule and the WEIS administrative charges described above in what is now section (c) of Schedule 1.

PSCo has modeled its rate based upon revisions accepted by the Commission for participants in the CAISO Energy Imbalance Market (“EIM”) to recover administrative fees assessed by CAISO.<sup>18</sup> The similarities between EIM participants’ recovery of the EIM administrative fee and PSCo’s proposed recovery of SPP WEIS administrative fees is discussed in the next section.

### **C. PSCo’s Modification to the Assured Power Tariff**

As noted earlier, in a contemporaneous filing, PSCo is submitting revisions to its Assured Power Tariff with a requested effective of January 1, 2024. Currently, WEIS administrative fees are recorded to Account 575.7 of the Uniform System of Accounts, which is an account recovered through the Assured Power Tariff. While PSCo’s customers under the Assured Power Tariff receive a production-related benefit from SPP’s administration of the WEIS, which lowers energy costs to PSCo production customers, the Commission has recognized that an energy imbalance market provides direct benefits with respect to imbalance associated with transmission service. Customers under the Assured Power Tariff are separately responsible for transmission service charges associated with their loads under arrangements with PSCo’s transmission function. PSCo’s revisions to the Assured Power Tariff will remove WEIS administrative fees from the Assured Power Tariff rate as PSCo revises its transmission rates to include WEIS administrative fees.

### **D. The Revisions to Schedule 1 Are Just and Reasonable**

The Commission should accept PSCo’s revisions as just and reasonable. PSCo has received approval from the Colorado Public Utilities Commission to recover the SPP WEIS administrative fees, including the start-up implementation costs, from PSCo’s retail customers.<sup>19</sup> Acceptance of the enclosed revisions will ensure that wholesale customers bear a fair allocation of the costs incurred on their behalf and are not subsidized by retail customers.

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<sup>18</sup> See, e.g., Nevada Power Co., Open Access Transmission Tariff, Schedule 1-A (“EIM Administrative Costs assigned to the NV Energy EIM Entity shall be sub-allocated to Transmission Customers on the basis of Measured Demand for the month in which the EIM Administrative Costs were incurred”); Puget Sound Energy, Inc., Open Access Transmission Tariff, Schedule 1-A (“EIM Administrative Costs assigned to the PSE EIM Entity shall be sub-allocated to Transmission Customers on the basis of Measured Demand for the month in which the EIM Administrative Costs were incurred.”).

<sup>19</sup> *In The Matter Of Advice Letter No. 1889 – Electric Filed By Public Service Company Of Colorado To Revise Its Colorado P.U.C. No. 8-Electric For Approval To Recover Costs Associated With Joining The Western Energy Imbalance Service Market Operated By The Southwest Power Pool And To Credit SPP WEIS Market Sale Revenues To Customers Through The Electric Commodity Adjustment Tariff, To Become Effective July 15, 2022*, Decision No. R22-0826, Proceeding No. 22AL-0270E (Dec. 20, 2022).

The Commission has accepted similar cost recovery proposals from public utilities in analogous circumstances. In the context of participating public utility transmission providers in the CAISO Energy Imbalance Market (“EIM”), the Commission has accepted revisions to pass through EIM administrative fees under Schedule 1 of those providers’ tariffs.<sup>20</sup> For example, in accepting PacifiCorp’s filing to recover EIM administrative fees under Schedule 1 of its OATT, the Commission explained:

We accept PacifiCorp's proposal regarding the recovery of EIM administrative fees through Schedule 1 of its OATT. The benefits of the EIM to PacifiCorp cannot be realized without incurring administrative charges from CAISO's implementation of the EIM. PacifiCorp will be submitting forecast data to CAISO on behalf of all transmission and interconnection customers, which CAISO will use to dispatch and settle its real-time market. The administrative fee for this service, charged by CAISO to PacifiCorp, is properly considered as a Scheduling, System Control and Dispatch Service and appropriately included in Schedule 1 of its OATT.<sup>21</sup>

Like PacifiCorp, PSCo is responsible under the WEIS Market construct for representing entities within the PSCo BAA that opt not to execute a WJDA with SPP.<sup>22</sup> SPP will settle any associated imbalance energy with PSCo on behalf of such entities.<sup>23</sup>

In addition, SPP’s WEIS Market is an energy imbalance market like the CAISO EIM and has similar expected benefits for transmission service. The Commission has explained that it “expect[s] that the WEIS Market will improve reliability by managing resources that could relieve transmission constraints more effectively, leveraging a larger, more diverse set of resources to operate the system within limits and creating price signals that lead to actions that could enhance reliability.”<sup>24</sup> The Commission has also noted that “[t]he WEIS Market can also help to integrate and manage increasing levels of variable energy resources by pooling variability over a larger area and redispatching resources to help manage imbalance energy caused by variable energy resources.”<sup>25</sup>

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<sup>20</sup> See *PacifiCorp*, 127 FERC ¶ 61,226 (2014); *Nevada Power Co.*, 151 FERC ¶ 61,131 (2015); *Puget Sound Energy, Inc.*, 155 FERC ¶ 61,111 (2016).

<sup>21</sup> *PacifiCorp*, 127 FERC ¶ 61,226 at P 170 (2014).

<sup>22</sup> See *Southwest Power Pool, Inc.*, 173 FERC ¶ 61,267 at P 9 (2020).

<sup>23</sup> See *id.*

<sup>24</sup> *Id.* at P 20.

<sup>25</sup> *Id.* See also *id.* at P 30 (explaining that “a centralized imbalance market, such as that proposed here, can deliver significant benefits, including reliability benefits that are not easily quantified. Additionally, an energy imbalance market can enable participating utilities to meet their energy imbalance needs at lower cost and better integrate increasing levels of variable resources.”).

### **III. PROPOSED EFFECTIVE DATE, RATE IMPACT, AND REQUESTS FOR WAIVER**

PSCo requests an effective date of January 1, 2024.

Included with this filing is an exhibit showing rate impacts of the WEIS Administrative Charge to customers under the Xcel Energy OATT, consistent with Statement BG/BH of the Commission's cost of service statements.<sup>26</sup> These charges would amount to approximately \$2.3 million total. As shown in the exhibit, the rate impact of the WEIS Administrative Charge is less than a 1% increase in OATT customers' charges (see "Percentage Increase" column).

PSCo requests waiver of the requirements of Part 35.13 of the Commission's regulations to the extent the regulations would require the filing of additional Period I and II cost-of-service statements. Good cause exists to grant this waiver as the Commission accepted SPP's fees in a separate proceeding and PSCo is only passing the SPP charge through to customers. Moreover, the Commission has granted such waivers for other public utilities proposing to pass through market operator administrative fees associated with an energy imbalance market.<sup>27</sup>

### **IV. ADDITIONAL FILING REQUIREMENTS**

#### **A. Documents Included with this Filing**

- This transmittal letter;
- Redline versions of Schedule 1 of the Xcel Energy OATT;
- Clean version of Schedule 1, in eTariff format; and
- An exhibit with customer rate impact calculations.

#### **B. Communications and Correspondence**

Communications and correspondence with respect to this filing should be directed to each of the following<sup>28</sup>:

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<sup>26</sup> 18 C.F.R. § 35.13(h)(32)-(33) (2023).

<sup>27</sup> See *PacifiCorp*, 127 FERC ¶ 61,226 (2014); *Nevada Power Co.*, 151 FERC ¶ 61,131 (2015); *Puget Sound Energy, Inc.*, 155 FERC ¶ 61,111 (2016).

<sup>28</sup> PSCo requests waiver of Section 385.203(b)(3) of the Commission's regulations to permit the designation of more than two persons upon whom service is to be made in this proceeding. 18 C.F.R. § 385.203(b)(3).



The Honorable Kimberly D. Bose

September 29, 2023

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### **C. Service and Posting**

An electronic version or notice of this filing will be served upon the Colorado Public Utilities Commission and on PSCo's customers under the tariff. A courtesy copy will be provided to the Division of Electric Power Regulation (West). In addition, a copy of this filing will be posted at the offices of PSCo at 1800 Larimer Street in Denver, Colorado.

### **V. CONCLUSION**

For the foregoing reasons, PSCo requests that the Commission accept the enclosed revisions as just and reasonable, to be effective January 1, 2024. Please direct any questions regarding this filing to the undersigned.

Respectfully submitted,

*/s/ Joseph W. Lowell*

Joseph W. Lowell  
Xcel Energy Services Inc.  
On behalf of  
Public Service Company of Colorado

Cc: Colorado Public Utilities Commission  
Xcel Energy OATT Customers  
Director, Electric Power Regulation (West)

## SCHEDULE 1

### Scheduling, System Control and Dispatch Service

This service is required to schedule the movement of power through, out of, within, or into a Control Area. This service can be provided only by the operator of the Control Area in which the transmission facilities used for transmission service are located.

- (a) In the case of service under Part II or III of this Tariff, Scheduling, System Control and Dispatch Service is to be provided directly by the Transmission Provider (if the Transmission Provider is the Control Area operator) or indirectly by the Transmission Provider making arrangements with the Control Area operator that performs this service for the Transmission Provider's Transmission System. The Transmission Customer must purchase this service from the Transmission Provider or the Control Area operator. To the extent the Control Area operator performs this service for the Transmission Provider, charges to the Transmission Customer are to reflect only a pass-through of the costs charged to the Transmission Provider by that Control Area operator.
- (b) In the case of service provided under Part IV of this Tariff, Scheduling, System Control and Dispatch Service is to be provided directly by the Balancing Authority Operator to the Ancillary Services Customer. The Ancillary Services Customer must purchase this service from the Balancing Authority Operator for all load pursuant to this Schedule 1 except load for which the Balancing Authority Operator currently bills such service under Part II or Part III of this Joint OATT or any pre-existing transmission service or other wholesale agreement.
- (c) This Schedule 1 also recovers the administrative costs and start-up fee assessed by SPP to PSCO in accordance with the WEIS Tariff. Customers under Parts II, III, or IV of this Tariff serving load within the PSCo Control Area are also responsible for WEIS administrative charges assessed to PSCo by SPP pursuant to the WEIS Tariff and the Western Joint Dispatch Agreement between PSCo and SPP ("WJDA").
  - (1) Unless a customer has entered into an arrangement directly with SPP to participate in the WEIS market, WEIS administrative costs assigned to PSCO shall be sub-allocated to customers under Parts II, III, or IV through an administrative charge, which will be assessed to each customer based on customer's net energy for load ("NEL") share in the month in which the WEIS administrative costs were incurred by PSCo. A customer's NEL shall be determined based on the customer's net generation on or interconnected to the WEIS Market Footprint (as defined in the WEIS Tariff) plus energy received from others less energy delivered to others through interchange. NEL includes system losses but excludes energy required for storage of energy at energy storage facilities.
  - (2) Under the WJDA, new participants in WEIS are charged a New WEIS Participant Incremental Cost Recovery Charge by SPP for incremental implementation-related costs required to accommodate the new WEIS

Proposed Effective Date: 1/1/2024

Approved Effective Date:

Participant. PSCo's payment of the New WEIS Participant Incremental Cost Rate under the WJDA will be assessed to Customers under Parts II, III, or IV of this Tariff serving load within the PSCo Control Area in the same manner as other WEIS administrative fees described in subsection (1).

**Service by Multiple Operating Companies:**

When a Transmission Customer requires transmission service for a specific transaction over any two, or all three of the NSP Transmission System, the PSCo System, or the SPS Transmission System, the applicable rate for Scheduling, System Control and Dispatch Service shall be the rate of the Transmission Provider which provides delivery to the load or out of the Xcel System. However, the Transmission Customer shall be responsible for arranging and paying for the use of any intervening third party transmission system.

**Service by Northern States Power Companies:**

The charges for Scheduling, System Control and Dispatch Service are to be based on the rates set forth below.

- |    |                                  |                                       |
|----|----------------------------------|---------------------------------------|
| 1) | Monthly Point-To-Point Delivery: | \$0.068/kW-month of Reserved Capacity |
| 2) | Weekly Point-To-Point Delivery:  | \$0.016/kW-week of Reserved Capacity  |
| 3) | Daily Point-To-Point Delivery:   | \$0.0022/kW-day of Reserved Capacity  |
| 4) | Hourly Point-To-Point Delivery:  | \$0.093/MWh of Reserved Capacity      |
| 5) | Network Integration Delivery:    | \$0.068/kW-month of Network Load      |

The total demand charge in any day, pursuant to a reservation for Hourly delivery, shall not exceed the rate specified in section (3) 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 (2) above times the highest amount in kilowatts of Reserved Capacity in any hour during such week.

**Service by Public Service Company of Colorado:**

The charges for Scheduling, System Control and Dispatch Service are to be based on (a) the rates set forth below, as found in Attachment O – PSCo of this Tariff and (b) the WEIS administrative charges described in section (c) above.

- |     |                                  |  |
|-----|----------------------------------|--|
| 6)  | Monthly Point-To-Point Delivery: | the amount identified on Table 2, line 27 of the PSCo formula rate/kW-month of Reserved Capacity       |
| 7)  | Weekly Point-To-Point Delivery:  | the amount identified on Table 2, line 28 of the PSCo formula rate /kW-week of Reserved Capacity       |
| 8)  | Daily Point-To-Point Delivery:   | the amount identified on Table 2, line 29 of the PSCo formula rate /kW-day of Reserved Capacity        |
| 9)  | Hourly Point-To-Point Delivery:  | the amount identified on Table 2, line 30 of the PSCo formula rate /MWh of Reserved Capacity           |
| 10) | Network Integration Delivery:    | the amount identified on Table 2, line 31 of the PSCo formula rate /kW-month of Network Load           |
| 11) | Ancillary Services Delivery:     | the amount identified on Table 2, line 32 of the PSCo formula rate /kw-month of Ancillary Service Load |

Proposed Effective Date: 1/1/2024

Approved Effective Date:

The total demand charge in any day, pursuant to a reservation for Hourly delivery, shall not exceed the rate specified in section (8) 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 (7) above times the highest amount in kilowatts of Reserved Capacity in any hour during such week. The total demand charge for Ancillary Services Delivery shall be determined based on the electrical demand recorded at the Ancillary Service Customer's meter(s) at which such services are provided under Part IV of the Joint OATT, coincident with the PSCo peak hour in that month.

**Service by Southwestern Public Service Company:**

The charges for Scheduling, System Control and Dispatch Service are to be up to the rates set forth below. Beginning July 6, 2008 through December 31, 2008, the following rates for the SPS Transmission System will be in effect:

- 12) Monthly Point-To-Point Delivery: \$0.039/kW-month of Reserved Capacity
- 13) Weekly Point-To-Point Delivery: \$0.009/kW-week of Reserved Capacity
- 14) Daily Point-To-Point Delivery: \$0.001/kW-day of Reserved Capacity
- 15) Hourly Point-To-Point Delivery: \$0.054/MWh of Reserved Capacity
- 16) Network Integration Delivery: \$0.039/kW-month of Network Load

Beginning January 1, 2009, the following rates for the SPS Transmission System will be in effect:

- 17) Monthly Point-To-Point Delivery: the amount identified on page 12 line 11 of the SPS formula rate/kW-month of Reserved Capacity
- 18) Weekly Point-To-Point Delivery: the amount identified on page 12 line 12 of the SPS formula rate/kW-week of Reserved Capacity
- 19) Daily Point-To-Point Delivery: the amount identified on page 12 line 13 of the SPS formula rate/kW-day of Reserved Capacity
- 20) Hourly Point-To-Point Delivery: the amount identified on page 12 line 14 of the SPS formula rate/MWh of Reserved Capacity
- 21) Network Integration Delivery: the amount identified on page 12 line 11 of the SPS formula rate/kW-month of Network Load

The charges shall be subject to change in accordance with the associated implementation procedures set forth in Appendix 1 of Attachment O – SPS of this tariff.

The total demand charge in any day, pursuant to a reservation for Hourly delivery, shall not exceed the Daily Point-To-Point Delivery rate specified 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 Weekly Point-To-Point Delivery rate specified above times the highest amount in kilowatts of Reserved Capacity in any hour during such week.

## **SCHEDULE 1**

### **Scheduling, System Control and Dispatch Service**

This service is required to schedule the movement of power through, out of, within, or into a Control Area. This service can be provided only by the operator of the Control Area in which the transmission facilities used for transmission service are located.

- (a) In the case of service under Part II or III of this Tariff, Scheduling, System Control and Dispatch Service is to be provided directly by the Transmission Provider (if the Transmission Provider is the Control Area operator) or indirectly by the Transmission Provider making arrangements with the Control Area operator that performs this service for the Transmission Provider's Transmission System. The Transmission Customer must purchase this service from the Transmission Provider or the Control Area operator. To the extent the Control Area operator performs this service for the Transmission Provider, charges to the Transmission Customer are to reflect only a pass-through of the costs charged to the Transmission Provider by that Control Area operator.
- (b) In the case of service provided under Part IV of this Tariff, Scheduling, System Control and Dispatch Service is to be provided directly by the Balancing Authority Operator to the Ancillary Services Customer. The Ancillary Services Customer must purchase this service from the Balancing Authority Operator for all load pursuant to this Schedule 1 except load for which the Balancing Authority Operator currently bills such service under Part II or Part III of this Joint OATT or any pre-existing transmission service or other wholesale agreement.
- (c) This Schedule 1 also recovers the administrative costs and start-up fee assessed by SPP to PSCO in accordance with the WEIS Tariff. Customers under Parts II, III, or IV of this Tariff serving load within the PSCo Control Area are also responsible for WEIS administrative charges assessed to PSCo by SPP pursuant to the WEIS Tariff and the Western Joint Dispatch Agreement between PSCo and SPP ("WJDA").
- (1) Unless a customer has entered into an arrangement directly with SPP to participate in the WEIS market, WEIS administrative costs assigned to PSCO shall be sub-allocated to customers under Parts II, III, or IV through an administrative charge, which will be assessed to each customer based on customer's net energy for load ("NEL") share in the month in which the WEIS administrative costs were incurred by PSCo. A customer's NEL shall be determined based on the customer's net generation on or interconnected to the WEIS Market Footprint (as defined in the WEIS Tariff) plus energy received from others less energy delivered to others through interchange. NEL includes system losses but excludes energy required for storage of energy at energy storage facilities.
- (2) Under the WJDA, new participants in WEIS are charged a New WEIS Participant Incremental Cost Recovery Charge by SPP for incremental implementation-related costs required to accommodate the new WEIS Participant. PSCo's payment of the New WEIS Participant Incremental

Cost Rate under the WJDA will be assessed to Customers under Parts II, III, or IV of this Tariff serving load within the PSCo Control Area in the same manner as other WEIS administrative fees described in subsection (1).

**Service by Multiple Operating Companies:**

When a Transmission Customer requires transmission service for a specific transaction over any two, or all three of the NSP Transmission System, the PSCo System, or the SPS Transmission System, the applicable rate for Scheduling, System Control and Dispatch Service shall be the rate of the Transmission Provider which provides delivery to the load or out of the Xcel System. However, the Transmission Customer shall be responsible for arranging and paying for the use of any intervening third party transmission system.

**Service by Northern States Power Companies:**

The charges for Scheduling, System Control and Dispatch Service are to be based on the rates set forth below.

- |    |                                  |                                       |
|----|----------------------------------|---------------------------------------|
| 1) | Monthly Point-To-Point Delivery: | \$0.068/kW-month of Reserved Capacity |
| 2) | Weekly Point-To-Point Delivery:  | \$0.016/kW-week of Reserved Capacity  |
| 3) | Daily Point-To-Point Delivery:   | \$0.0022/kW-day of Reserved Capacity  |
| 4) | Hourly Point-To-Point Delivery:  | \$0.093/MWh of Reserved Capacity      |
| 5) | Network Integration Delivery:    | \$0.068/kW-month of Network Load      |

The total demand charge in any day, pursuant to a reservation for Hourly delivery, shall not exceed the rate specified in section (3) 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 (2) above times the highest amount in kilowatts of Reserved Capacity in any hour during such week.

**Service by Public Service Company of Colorado:**

The charges for Scheduling, System Control and Dispatch Service are to be based on (a) the rates set forth below, as found in Attachment O – PSCo of this Tariff and (b) the WEIS administrative charges described in section (c) above.

- |     |                                  |  |
|-----|----------------------------------|--|
| 6)  | Monthly Point-To-Point Delivery: | the amount identified on Table 2, line 27 of the PSCo formula rate/kW-month of Reserved Capacity       |
| 7)  | Weekly Point-To-Point Delivery:  | the amount identified on Table 2, line 28 of the PSCo formula rate /kW-week of Reserved Capacity       |
| 8)  | Daily Point-To-Point Delivery:   | the amount identified on Table 2, line 29 of the PSCo formula rate /kW-day of Reserved Capacity        |
| 9)  | Hourly Point-To-Point Delivery:  | the amount identified on Table 2, line 30 of the PSCo formula rate /MWh of Reserved Capacity           |
| 10) | Network Integration Delivery:    | the amount identified on Table 2, line 31 of the PSCo formula rate /kW-month of Network Load           |
| 11) | Ancillary Services Delivery:     | the amount identified on Table 2, line 32 of the PSCo formula rate /kw-month of Ancillary Service Load |

The total demand charge in any day, pursuant to a reservation for Hourly delivery, shall not exceed the rate specified in section (8) 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 (7) above times the highest amount in kilowatts of Reserved Capacity in any hour during such week. The total demand charge for Ancillary Services Delivery shall be determined based on the electrical demand recorded at the Ancillary Service Customer's meter(s) at which such services are provided under Part IV of the Joint OATT, coincident with the PSCo peak hour in that month.

**Service by Southwestern Public Service Company:**

The charges for Scheduling, System Control and Dispatch Service are to be up to the rates set forth below. Beginning July 6, 2008 through December 31, 2008, the following rates for the SPS Transmission System will be in effect:

- 12) Monthly Point-To-Point Delivery: \$0.039/kW-month of Reserved Capacity
- 13) Weekly Point-To-Point Delivery: \$0.009/kW-week of Reserved Capacity
- 14) Daily Point-To-Point Delivery: \$0.001/kW-day of Reserved Capacity
- 15) Hourly Point-To-Point Delivery: \$0.054/MWh of Reserved Capacity
- 16) Network Integration Delivery: \$0.039/kW-month of Network Load

Beginning January 1, 2009, the following rates for the SPS Transmission System will be in effect:

- 17) Monthly Point-To-Point Delivery: the amount identified on page 12 line 11 of the SPS formula rate/kW-month of Reserved Capacity
- 18) Weekly Point-To-Point Delivery: the amount identified on page 12 line 12 of the SPS formula rate/kW-week of Reserved Capacity
- 19) Daily Point-To-Point Delivery: the amount identified on page 12 line 13 of the SPS formula rate/kW-day of Reserved Capacity
- 20) Hourly Point-To-Point Delivery: the amount identified on page 12 line 14 of the SPS formula rate/MWh of Reserved Capacity
- 21) Network Integration Delivery: the amount identified on page 12 line 11 of the SPS formula rate/kW-month of Network Load

The charges shall be subject to change in accordance with the associated implementation procedures set forth in Appendix 1 of Attachment O – SPS of this tariff.

The total demand charge in any day, pursuant to a reservation for Hourly delivery, shall not exceed the Daily Point-To-Point Delivery rate specified 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 Weekly Point-To-Point Delivery rate specified above times the highest amount in kilowatts of Reserved Capacity in any hour during such week.

2022 Transmission Formula	2022 Actual			2023 Transmission		Percent Increase
	12CP Demand	LRS	Rev Req	Market Admin		
Burlington	53,166	0.07%	\$ 243,108.99	\$ 1,970.63		0.81%
Grand Valley	516,072	0.70%	\$ 2,359,811.63	\$ 16,670.94		0.71%
Holy Cross*			\$ 11,755,036.57	\$ 36,299.64		0.31%
CORE	5,454,682	7.37%	\$ 24,942,298.75	\$ 149,440.74		0.60%
Yampa Valley	875,571	1.18%	\$ 4,003,671.24	\$ 33,616.07		0.84%
MEAN	392,457	0.53%	\$ 1,794,564.69	\$ 12,699.07		0.71%
Tri-State	2,975,733	4.02%	\$ 13,606,954.64	Paid directly to SPP		
WAPA	1,068,412	1.44%	\$ 4,885,463.77	Paid directly to SPP		
	11,336,093					
<b>Total System</b>	<b>73,986,548</b>		<b>\$ 338,313,869</b>			
ARPA			Not Network Customer	\$ 16,234.27		
Raton Public Service			Not Network Customer	\$ 2,828.24		
Black Hills Energy				Paid directly to SPP		
PRPA				Paid directly to SPP		

\* Holy Cross Impact calculated based on 2023 TIE Agreement