

**Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2019**

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2019

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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 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		
	Reserved Capacity Factor applicable to network load or reserved capacity		Load Non-VER VER
45		Schedule 3 and 3A Line 31	1.27% 0.24% 2.07%
46	Monthly Point-to-Point Delivery	Schedule 3 and 3A Line 33	\$ 7.475 \$ 7.475 \$ 7.475 /kW-month
47	Weekly Point-to-Point Delivery	Schedule 3 and 3A Line 34	\$ 1.725 \$ 1.725 \$ 1.725 /kW-week
48	Daily Point-to-Point Delivery on Peak	Schedule 3 and 3A Line 35	\$ 287.513 \$ 287.513 \$ 287.513 /MW-day
49	Daily Point-to-Point Delivery off Peak	Schedule 3 and 3A Line 36	\$ 246.440 \$ 246.440 \$ 246.440 /MW-day
50	Hourly Point-to-Point Delivery on Peak	Schedule 3 and 3A Line 37	\$ 17.970 \$ 17.970 \$ 17.970 /MWh
51	Hourly Point-to-Point Delivery off Peak	Schedule 3 and 3A Line 38	\$ 10.268 \$ 10.268 \$ 10.268 /MWh
52	Network Integration Delivery	Schedule 3 and 3A Line 39	\$ 7.475 \$ 7.475 \$ 7.475 /kW-month
53	Ancillary Service Delivery	Schedule 3 and 3A Line 40	\$ 7.475 \$ 7.475 \$ 7.475 /kW-month
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		Schedule 5 Line 22	\$ 8.069 /kW-month
57	Monthly Point-to-Point Delivery	Schedule 5 Line 23	\$ 1.862 /kW-week
58	Weekly Point-to-Point Delivery	Schedule 5 Line 24	\$ 0.310 /kW-day
59	Daily Point-to-Point Delivery	Schedule 5 Line 25	\$ 0.266 /kW-day
60	Daily Point-to-Point Delivery off Peak	Schedule 5 Line 26	\$ 19.375 /MWh
61	Hourly Point-to-Point Delivery on Peak	Schedule 5 Line 27	\$ 11.083 /MWh
62	Hourly Point-to-Point Delivery off Peak	Schedule 5 Line 22	\$ 8.069 /kW-month
63	Network Integration Delivery	Schedule 5 Line 22	\$ 8.069 /kW-month
64	Ancillary Service Delivery	Schedule 5 Line 22	\$ 8.069 /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		Schedule 6 Line 22	\$ 1.951 /kW-month
68	Monthly Point-to-Point Delivery	Schedule 6 Line 23	\$ 0.450 /kW-week
69	Weekly Point-to-Point Delivery	Schedule 6 Line 24	\$ 0.075 /kW-day
70	Daily Point-to-Point Delivery	Schedule 6 Line 25	\$ 0.064 /kW-day
71	Daily Point-to-Point Delivery off Peak	Schedule 6 Line 26	\$ 4.688 /MWh
72	Hourly Point-to-Point Delivery on Peak	Schedule 6 Line 27	\$ 2.667 /MWh
73	Hourly Point-to-Point Delivery off Peak	Schedule 6 Line 22	\$ 1.951 /kW-month
74	Network Integration Delivery	Schedule 6 Line 22	\$ 1.951 /kW-month
75	Ancillary Service Delivery	Schedule 6 Line 22	\$ 1.951 /kW-month
76			
77	Schedule 16 - Flex Reserve		
	Reserved Capacity Factor applicable to network load or reserved capacity	Schedule 16 Line 29	14.79% x monthly Load
78		Schedule 16 Line 33	\$ 6.018 /kW-month
79	Monthly Point-to-Point Delivery	Schedule 16 Line 34	\$ 1.389 /kW-week
80	Weekly Point-to-Point Delivery	Schedule 16 Line 35	\$ 231.442 /kW-day
81	Daily Point-to-Point Delivery	Schedule 16 Line 36	\$ 198.379 /kW-day
82	Daily Point-to-Point Delivery off Peak	Schedule 16 Line 37	\$ 14.465 /MWh
83	Hourly Point-to-Point Delivery on Peak	Schedule 16 Line 38	\$ 8.266 /MWh
84	Hourly Point-to-Point Delivery off Peak	Schedule 16 Line 39	\$ 6.018 /kW-month
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.

Table 3
Actual Rates

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2019
Actual Rates and True-up

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 130	#DIV/0!	\$ 248,373,602	#DIV/0!
2					
3	Divisor				
4	Transmission Network Load	WP_I-1 Line 15	-	5,917,166	-
5					
6	Rates				
7	Annual Cost (\$/kW-Yr)	Line 1 / Line 4	\$ -	\$ 41.975	\$ - /kW-year
8					
9	Network & Point-to-Point Rate (\$/kW-Mo)	Line 7 / 12	\$ -	\$ 3.498	\$ - /kW-month
10					
11	Weekly P-To-P Rate	Line 7 / 52	\$ -	\$ 0.807	\$ - /kW-week
12	Daily P-To-P Rate (Capped at weekly rate)	Line 11 / 6	\$ -	\$ 0.135	\$ - /kW-day
	On Peak Hourly P-To-P Rate (Capped at				
13	weekly & daily rate)	(Line 12 / 16) X 1,000	\$ -	\$ 8.438	\$ - /MWh
14	Off Peak Hourly P-To-P Rate	((Line 11 / 7) / 24) X 1,000	\$ -	\$ 4.800	\$ - /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	\$ -	\$ 0.054	\$ - /kW-month
21	Weekly Point-to-Point Delivery	Schedule 1 Line 42 & 19	\$ -	\$ 0.013	\$ - /kW-week
22	Daily Point-to-Point Delivery	Schedule 1 Line 43 & 20	\$ -	\$ 0.002	\$ - /kW-day
23	Hourly Point-to-Point Delivery	Schedule 1 Line 44 & 21	\$ -	\$ 0.074	\$ - /MWh
24	Network Integration Delivery	Schedule 1 Line 41 & 18	\$ -	\$ 0.054	\$ - /kW-month
25	Ancillary Service Delivery	Schedule 1 Line 41 & 18	\$ -	\$ 0.054	\$ - /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, 2019
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	6,326,530,980	NA 0.00%	-
3	Transmission	WP_B-1 Col. (d), Line 3	2,322,297,520	DA 100.00%	2,322,297,520
4	Distribution	WP_B-1 Col. (d), Line 4	5,164,575,406	NA 0.00%	-
5	General Plant	WP_B-1 Col. (d), Line 5	268,603,333	W/S 11.78%	31,641,473
6	Intangible Plant	WP_B-1 Col. (d), Line 6	103,549,867	W/S 11.78%	12,198,174
7	Common Intangible	WP_B-1 Col. (d), Line 7	406,475,561	CE 8.40%	34,131,785
8	Common General	WP_B-1 Col. (d), Line 8	460,383,492	CE 8.40%	38,658,438
9	TOTAL GROSS PLANT	Sum Lines 2 through 8	15,052,416,159		2,438,927,389
10		Line 9, Col (5) divided by Col (3)		GP= 16.20%	
11					
12	ACCUMULATED DEPRECIATION	(Note A)			
13	Production	WP_B-1 Col. (d), Line 12	1,763,118,958	NA 0.00%	-
14	Transmission	WP_B-1 Col. (d), Line 13	496,176,442	DA 100.00%	496,176,442
15	Distribution	WP_B-1 Col. (d), Line 14	1,495,274,745	NA 0.00%	-
16	General Plant	WP_B-1 Col. (d), Line 15	99,432,005	W/S 11.78%	11,713,090
17	Intangible Plant	WP_B-1 Col. (d), Line 16	56,823,573	W/S 11.78%	6,693,817
18	Common Intangible	WP_B-1 Col. (d), Line 17	199,910,686	CE 8.40%	16,786,516
19	Common General	WP_B-1 Col. (d), Line 18	201,238,683	CE 8.40%	16,898,028
20	TOTAL ACCUMULATED DEPRECIATION	Sum Lines 13 through 19	4,311,975,091		548,267,892
21					
22	NET ACQUISITION ADJUSTMENT	(Note B)			
23	Production	WP_B-4 Col.(i) Line 15	165,488,707	NA 0.00%	-
24	Transmission Serving Production	WP_B-4 Col.(j) Line 15	8,542,862	NA 0.00%	-
25	Transmission Serving Transmission	WP_B-4 Col.(k) Line 15	4,487,884	DA 100.00%	4,487,884
26	TOTAL NET ACQUISITION ADJUSTMENT	Sum Lines 23 through 25	178,519,453		4,487,884
27					
28	NET PLANT IN SERVICE	(Note A)			
29	Production	Line 2 minus 13 plus 23 plus 24	4,737,443,592		-
30	Transmission	Line 3 minus 14 plus 25	1,830,608,962		1,830,608,962
31	Distribution	Line 4 minus 15	3,669,300,661		-
32	General Plant	Line 5 minus 16	169,171,328		19,928,382
33	Intangible Plant	Line 6 minus 17	46,726,294		5,504,357
34	Common Intangible	Line 7 minus 18	206,564,875		17,345,269
35	Common General	Line 8 minus 19	259,144,809		21,760,410
36	TOTAL NET PLANT IN SERVICE	Sum Lines 29 through 35	10,918,960,521		1,895,147,381
37		Line 36, Col (5) divided by Col (3)		NP= 17.36%	
38					
39	OTHER RATE BASE ITEMS	(Note C)			
40	Account No. 281	WP_B-2 Col (c) & (e), Line 4	(136,693,580)	DA 0.00%	-
41	Account No. 282	WP_B-2 Col (c) & (e), Line 31	(2,668,436,993)	DA	(496,687,674)
42	Account No. 283	WP_B-2 Col (c) & (e), Line 87	(90,899,629)	DA	(5,091,933)
43	Account No. 190	WP_B-3 Col (c) & (e), Line 84	517,322,074	DA	46,209,263
44	Regulatory Liabilities- FERC Account No. 254 (Note C)	WP_B-7 Col (e), Line 14	-	W/S 11.78%	-
45	Account No. 255	267.8.h	22,638,160	DA 100.00%	-
46	Account No. 107 (CWIP) (Note E)	WP_B-8 Col (a), Line 16	-	DA 100.00%	-
47	Net Pre-Funded AFUDC on CWIP included (Note E)	WP_B-8 Col (d), Line 16	-	DA 100.00%	-
48	Unamortized Balance of Abandoned Incentive Plant (Note E)	WP_B-Inputs Est. Line 144	-	DA 100.00%	-
49	Unamortized Balance of Extraordinary Property Loss (Note E)	WP_B-Inputs Est. Line 144	-	DA 100.00%	-
50	TOTAL OTHER RATE BASE ITEMS	Sum Lines 40 through 49	(2,356,069,969)		(455,570,344)
51					
52	LAND HELD FOR FUTURE USE (Note F)	WP_B-Inputs Est. Line 144	-	TP 93.65%	-
53					
54	WORKING CAPITAL	(Note G)			
55	Cash Working Capital		-		-
56	Materials & Supplies - Transmission	WP_B-6 Line 29	3,562,642	TP 93.65%	3,336,236
57	Materials & Supplies - Other	WP_B-6 Line 31	(1,224,442)	NP 17.36%	(212,520)
58	Prepayments (Account 165) Plant Related	WP_B-5 Line 8	5,380,619	NP 17.36%	933,886
59	Prepayments (Account 165) Labor Related	WP_B-5 Line 16	635,963	W/S 11.78%	74,916
60	Prepayments (Account 165) Transmission Related	WP_B-5 Line 20	2,074,948	TP 93.65%	1,943,085
61	Prepayments (Account 165) Other Not Allocated	WP_B-5 Line 44	8,029,910	NA 0.00%	-
62	TOTAL WORKING CAPITAL	Sum Lines 55 through 61	18,459,640		6,075,603
63					
64	RATE BASE	Line 36 plus 50 plus 52 plus 62	8,581,350,193		1,445,652,640
65					
66	Rate of Return	Line 159	7.34%		7.34%
67					
68	RETURN (Rate Base * Rate of Return)	Line 64 times Line 66	629,871,104		106,110,904

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2019

Table 4
ATRR Est.

Line No.	EXPENSE, TAXES & REVENUE REQUIREMENTS CALCULATION		Reference/Notes	Total	Allocator (Note O)		Total Transmission
	Col. (1)	Col. (2)			Col. (4)	Col. (5)	
69	OPERATION & MAINTENANCE EXPENSE						
70	Transmission	WP_C-1 Line 31		54,762,780			
71	Less Total Account 561	WP_C-1 Line 36		(8,546,604)			
72	Add Back Account 561.4	WP_C-1 Line 5		220			
73	Add Back Account 561.5	WP_C-1 Line 6		180			
74	Add Back Account 561.6	WP_C-1 Line 7		-			
75	Add Back Account 561.7	WP_C-1 Line 8		(141,759)			
76	Add Back Account 561.8	WP_C-1 Line 9		4,212,233			
77	Less Total Account 565 (Note H)	WP_C-1 Line 13		(17,303,911)			
78	Add Back Account 565.25- System Integration Costs	WP_C-1 Line 34		-			
79	Transmission Subtotal	Sum Lines 70 through 78		32,983,139	TP	93.65%	30,887,061
80							
81	Administrative and General (Note I)	WP_C-2 Line 15		166,143,330			
82	Less: Acc. 924, Property Insurance	WP_C-2 Line 5		(1,938,336)			
83	Balance of A & G	Sum Lines 81 through 82		164,204,994	W/S	11.78%	19,343,348
84	Plus: Account 924, Property Insurance	Line 82		1,938,336	NP	17.36%	336,427
85	Account 928 - Transmission Specific	WP_C-4 Line 6		-	DA	100.00%	-
86	A & G Subtotal	Sum Lines 83 through 85		166,143,330			19,679,775
87							
88	TOTAL O & M EXPENSE	Line 79 plus Line 86		199,126,469			50,566,836
89							
90							
91	DEPRECIATION AND AMORTIZATION EXPENSE						
92	Transmission	WP_B-1 Line 24 Col. (d)		37,606,672	DA	100.00%	37,606,672
93	Plus: Pre-Funded AFUDC Amortization (Note E)	WP_B-8 Col (f), Line 18		-	DA	100.00%	-
94	Plus: Recovery of Abandoned Incentive Plant (Note E)	WP_B-Inputs Est. Line 144		-	DA	100.00%	-
95	Plus: Recovery of Extraordinary Property Loss (Note E)	WP_B-Inputs Est. Line 144		-	DA	100.00%	-
96	General	WP_B-1 Line 26 Col. (d)		14,903,841	W/S	11.78%	1,755,672
97	Intangible	WP_B-1 Line 27 Col. (d)		10,872,719	W/S	11.78%	1,280,806
98	Common Intangible	WP_B-1 Line 28 Col. (d)		33,527,784	CE	8.40%	2,815,331
99	Common General	WP_B-1 Line 29 Col. (d)		31,180,327	CE	8.40%	2,618,214
100	Acquisition Adjustment Amortization (Note F)	WP_B-4 Line 15 Col. Col. (o)		96,515	DA	100.00%	96,515
101	TOTAL DEPRECIATION AND AMORTIZATION	Sum Lines 92 through 100		128,187,857			46,173,211
102							
103	TAXES OTHER THAN INCOME	(Note J)					
104	Labor Related	WP_D-1 Line 5		13,310,765	W/S	11.78%	1,568,008
105	Plant Related	WP_D-1 Line 9		150,543,600	NP	17.36%	26,129,072
106	Miscellaneous	WP_D-1 Line 12		-	NA	0.00%	-
107	TOTAL OTHER TAXES	Sum Lines 104 through 106		163,854,365			27,697,080
108							
109	INCOME TAXES	(Note K)					
110	$T=1 - \{[(1 - \text{SIT}) * (1 - \text{FIT})] / (1 - \text{SIT} * \text{FIT} * p)\} =$			24.66%			
111	$\text{CIT}=(T/1-T) * (1-(\text{WCLTD}/R)) =$			24.39%			
112	where $\text{WCLTD}=(\text{line } 153) \text{ and } R=(\text{line } 156)$						
113	and FIT, SIT & p are as given in Note K.						
114	$1 / (1 - T) = (\text{from In } 110)$			1.3273			
115	Amortized Investment Tax Credit (enter negative)	Company Records-FF1 pg. 266		(2,283,083)			
116							
117	Income Tax Calculation	Line 68 times Line 111		153,625,562			25,880,449
118	ITC adjustment	Line 114 times Line 115		(3,030,336)	NP	17.36%	(525,960)
119	TOTAL INCOME TAXES	Sum Lines 117 through 118		150,595,226			25,354,489
120							
121							
122	REVENUE CREDITS	(Note L)					
123	Account No. 454 (Rent from Transmission Facilities)	WP_E-1 Line 4		3,519,199	DA	100%	3,519,199
124	Account No. 421.1 (Gain From Disposition of Utility Plant)	WP_E-1 Line 14		-	WS	11.78%	-
125	Account No. 456.0 (Revenue from Schedule 18)	WP_E-1 Line 9		571,365	DA	100%	571,365
126	Account No. 456.1 (Revenue from Trans. of Elect. of Others)	WP_F-1 Line 42 Col. (b)		2,487,049	DA	100%	2,487,049
127	Account No. 456.1 (Revenue from Trans. of Elect. of Others)	WP_F-1 Line 42 Col. (c)		224,400	DA	100%	224,400
128	Settlement Credit	Note P		726,905	DA	100%	726,905
129	Total Revenue Credits			7,528,918			7,528,918
130							
131	REVENUE REQUIREMENT			1,264,106,103			248,373,602

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2019

Table 4
ATRR Est.

Line No.	SUPPORTING CALCULATIONS	Reference/Notes	Total	Allocator (Note O)	Total Transmission
	Col. (1)	Col. (2)	Col. (3)	Col. (4)	Col. (5)
132	TRANSMISSION PLANT INCLUDED IN THE ATRR	(Note M)			
133	Transmission plant	WP_B-1 Col. (a), Line 3			2,480,256,772
134	Transmission related Acquisition Adjustment	WP_B-4 Col. (c), Line 15			5,308,257
135	Total Transmission Plant	Sum Lines 132 through 133			2,485,565,029
136	Eliminate Generator Step-up facilities	WP_B-Inputs Est. Line 119			(157,959,252)
137	Transmission plant included in OATT Trans Rate	Sum Lines 134 through 135			2,327,605,777
138	Percent of Transmission Plant in the ATRR	Line 137 divided by Line 135		TP=	93.65%
139					
140	WAGES & SALARY ALLOCATOR (W/S)				
141	Production	Company Records	66,945,610	NA 0.00%	-
142	Transmission	WP_C-1 Line 31 Col. (b)	17,481,953	TP 93.65%	16,370,975
143	Regional Market	Company Records	467,851	NA 0.00%	-
144	Distribution	Company Records	40,402,672	NA 0.00%	-
145	Other	Company Records	13,670,414	NA 0.00%	-
146	Total	Sum Lines 141 through 145	138,968,500		16,370,975
147					
148	W/S Allocator	Line 146, Col. Col. (5) divided by Col. Col. (3)		W/S=	11.78%
149					
150	Common to Electric Transmission Allocator	Common Plant to Electric (Common Plant Study)			71.28%
151		W/S Allocator, Line 148			11.78%
152		Line 150 times Line 151		CE=	8.40%
153					
154					
155	RETURN	(Note N)			
156	Long Term Debt	WP_G-1 Col (n), Line 6	\$ 5,053,846,154	% 43.72%	Cost 4.28%
157	Preferred Stock	WP_G-1 Col (n), Line 8	-	0.00%	Weighted 0.0000
158	Common Stock	WP_G-1 Col (n), Line 14	6,504,407,957	56.28%	9.72%
159	Total	Sum Lines 156 through 158	11,558,254,111	ROR=	0.0734
160					
161					
162	PREPAYMENTS ALLOCATION FACTOR TO ELECTRIC		2017 FERC Form 1		
163					
164	Total Electric Plant in Service	207, Ln.100, Col. (g)	12,508,982,953		
165	Common PIS Allocated to Electric	356	592,850,778		
166	Electric Plant Held for Future Use	214, Ln. 47, Col. (d)	28,028,911		
167	Electric Construction Work in Progress	216, Ln. 43, Col. (b)	859,221,849		
168	Common CWIP Allocated to Electric	356	41,828,125		
169	Total Electric Plant	Sum Lines 164 through 168	14,030,912,616		
170	Total Utility Plant	110, Ln. 4, Col. (c)	18,783,163,508		
171					
172	Electric Plant to Total Plant Allocation Factor	Line 169 divided by Line 170		74.699%	

**Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2019**

**Table 4
ATRR Est.**

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. 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 SIT) |
| p = | 0.00% | (percent of FIT deductible for state purposes) |

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. 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.
- 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, 2019
Annual Transmission Revenue Requirements- Actual

Table 5
ATTR 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	#DIV/0!	DA	0.00%
41	Account No. 282	WP_B-2 Col. (c) & (e), Line 33	#DIV/0!	DA	
42	Account No. 283	WP_B-2 Col. (c) & (e), Line 89	#DIV/0!	DA	
43	Account No. 190	WP_B-3 Col. (c) & (e), Line 91	#DIV/0!	DA	
44	Regulatory Liabilities- FERC Account No. 254 (Note C)	WP_B-7 Line 14	-	W/S	0.00%
45	Account No. 255	267.8.h		DA	100.00%
46	Account No. 107 (CWIP) (Note E)	WP_B-8 Col. (a), Line 16	-	DA	100.00%
47	Net Pre-Funded AFUDC on CWIP included (Note E)	WP_B-8 Col. (d), Line 16	-	DA	100.00%
48	Unamortized Balance of Abandoned Incentive Plant (Note E)	WP_B-Inputs Act. Line 144	-	DA	100.00%
49	Unamortized Balance of Extraordinary Property Loss (Note E)	WP_B-Inputs Act. Line 144	-	DA	100.00%
50	TOTAL OTHER RATE BASE ITEMS	Sum Lines 40 through 49	#DIV/0!		
51					
52	LAND HELD FOR FUTURE USE (Note F)	WP_B-Inputs Act. Line 144	-	TP	0.00%
53					
54	WORKING CAPITAL	(Note G)			
55	Cash Working Capital		-		
56	Materials & Supplies - Transmission	WP_B-6 Line 29	-	TP	0.00%
57	Materials & Supplies - Other	WP_B-6 Line 31	-	NP	0.00%
58	Prepayments (Account 165) Plant Related	WP_B-5 Line 8	-	NP	0.00%
59	Prepayments (Account 165) Labor Related	WP_B-5 Line 16	#DIV/0!	W/S	0.00%
60	Prepayments (Account 165) Transmission Related	WP_B-5 Line 20	#DIV/0!	TP	0.00%
61	Prepayments (Account 165) Other Not Allocated	WP_B-5 Line 41	#DIV/0!	NA	0.00%
62	TOTAL WORKING CAPITAL	Sum Lines 55 through 61	#DIV/0!		
63					
64	RATE BASE	Line 36 plus 50 plus 52 plus 62	#DIV/0!		
65					
66	Rate of Return	Line 159	0.00%		0.00%
67					
68	RETURN (Rate Base * Rate of Return)	Line 64 times Line 66	#DIV/0!		

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2019

Table 5
ATTR Act

Line No.	EXPENSE, TAXES & REVENUE REQUIREMENTS CALCULATION		Reference/Notes	Total	Allocator (Note O)		Total Transmission
	Col. (1)	Col. (2)			Col. (4)	Col. (5)	
69	OPERATION & MAINTENANCE EXPENSE						
70	Transmission	WP_C-1 Line 31	-				
71	Less Total Account 561	WP_C-1 Line 36	-				
72	Add Back Account 561.4	WP_C-1 Line 5	-				
73	Add Back Account 561.5	WP_C-1 Line 6	-				
74	Add Back Account 561.6	WP_C-1 Line 7	-				
75	Add Back Account 561.7	WP_C-1 Line 8	-				
76	Add Back Account 561.8	WP_C-1 Line 9	-				
77	Less Total Account 565 (Note H)	WP_C-1 Line 13	-				
78	Add Back Account 565.25- System Integration Costs	WP_C-1 Line 34	-				
79	Transmission Subtotal	Sum Lines 70 through 78	-	TP	0.00%	-	
80							
81	Administrative and General (Note I)	WP_C-2 Line 15	1,986,554				
82	Less: Acc. 924, Property Insurance	WP_C-2 Line 5	-				
83	Balance of A & G	Sum Lines 81 through 82	1,986,554	W/S	0.00%	-	
84	Plus: Account 924, Property Insurance	Line 82	-	NP	0.00%	-	
85	Account 928 - Transmission Specific	WP_C-4 Line 21	-	DA	100.00%	-	
86	A & G Subtotal	Sum Lines 83 through 85	1,986,554			-	
87							
88	TOTAL O & M EXPENSE	Line 79 plus Line 86	1,986,554			-	
89							
90							
91	DEPRECIATION AND AMORTIZATION EXPENSE						
92	Transmission	WP_B-1 Line 24 Col. (d)	-	DA	100.00%	-	
93	Plus: Pre-Funded AFUDC Amortization (Note E)	WP_B-8 Col (f), Line 18	-	DA	100.00%	-	
94	Plus: Recovery of Abandoned Incentive Plant (Note E)	WP_B-Inputs Act. Line 144	-	DA	100.00%	-	
95	Plus: Recovery of Extraordinary Property Loss (Note E)	WP_B-Inputs Act. Line 144	-	DA	100.00%	-	
96	General	WP_B-1 Line 26 Col. (d)	-	W/S	0.00%	-	
97	Intangible	WP_B-1 Line 27 Col. (d)	-	W/S	0.00%	-	
98	Common Intangible	WP_B-1 Line 28 Col. (d)	-	CE	0.00%	-	
99	Common General	WP_B-1 Line 29 Col. (d)	-	CE	0.00%	-	
100	Acquisition Adjustment Amortization (Note F)	WP_B-4 Line 15 Col. Col. (o)	-	DA	100.00%	-	
101	TOTAL DEPRECIATION AND AMORTIZATION	Sum Lines 92 through 100	-			-	
102							
103	TAXES OTHER THAN INCOME	(Note J)					
104	Labor Related	WP_D-1 Line 5	-	W/S	0.00%	-	
105	Plant Related	WP_D-1 Line 9	-	NP	0.00%	-	
106	Miscellaneous	WP_D-1 Line 12	-	NA	0.00%	-	
107	TOTAL OTHER TAXES	Sum Lines 104 through 106	-			-	
108							
109	INCOME TAXES	(Note K)					
110	$T = 1 - \{[(1 - \text{SIT}) * (1 - \text{FIT})] / (1 - \text{SIT} * \text{FIT} * p)\} =$		38.01%				
111	$\text{CIT} = (T / (1 - T)) * (1 - (\text{WCLTD} / R)) =$		0.00%				
112	where $\text{WCLTD} = (\text{line 153})$ and $R = (\text{line 156})$						
113	and FIT , SIT & p are as given in Note K.						
114	$1 / (1 - T) = (\text{from ln 110})$		1.6132				
115	Amortized Investment Tax Credit (enter negative)	FF1 266.8.f					
116							
117	Income Tax Calculation	Line 68 times Line 111	#DIV/0!			#DIV/0!	
118	ITC adjustment	Line 114 times Line 115	-	NP	0.00%	-	
119	TOTAL INCOME TAXES	Sum Lines 117 through 118	#DIV/0!			#DIV/0!	
120							
121							
122	REVENUE CREDITS	(Note L)					
123	Account No. 454 (Rent from Transmission Facilities)	WP_E-1 Line 4	-	DA	100%	-	
124	Account No. 421.1 (Gain From Disposition of Utility Plant)	WP_E-1 Line 14	-	WS	0.00%	-	
125	Account No. 456.0 (Revenue from Schedule 18)	WP_E-1 Line 9	-	DA	100%	-	
126	Account No. 456.1 (Revenue from Trans. of Elect. of Others)	WP_F-1 Line 46 Col. (b)	-	DA	100%	-	
127	Account No. 456.1 (Revenue from Trans. of Elect. of Others)	WP_F-1 Line 46 Col. (c)	-	DA	100%	-	
128	Settlement Credit	Note P	726,905	DA	100%	-	
129	Total Revenue Credits		726,905			-	
130							
131	REVENUE REQUIREMENT		#DIV/0!			#DIV/0!	

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2019

Table 5
ATRR Act

Line No.	SUPPORTING CALCULATIONS	Reference/Notes	Total	Allocator (Note O)	Total Transmission
	Col. (1)	Col. (2)	Col. (3)	Col. (4)	Col. (5)
132	TRANSMISSION PLANT INCLUDED IN THE ATRR	(Note M)			
133	Transmission plant	WP_B-1 Col (a), Line 3			-
134	Transmission related Acquisition Adjustment	WP_B-4 Col. (c), Line 15			-
135	Total Transmission Plant	Sum Lines 132 through 133			-
136	Eliminate Generator Step-up facilities	WP_B-Inputs Act. Line 119			-
137	Transmission plant included in OATT Trans Rate	Sum Lines 134 through 135			-
138	Percent of Transmission Plant in the ATRR	Line 137 divided by Line 135		TP=	0.00%
139					
140	WAGES & SALARY ALLOCATOR (W/S)				
141	Production	FF1. 354.20.b		NA 0.00%	-
142	Transmission	WP_C-1 Line 31 Col. (b)	-	TP 0.00%	-
143	Regional Market	FF1. 354.22.b		NA 0.00%	-
144	Distribution	FF1. 354.23.b		NA 0.00%	-
145	Other	FF1. 354.24.b		NA 0.00%	-
146	Total	Sum Lines 141 through 145	-		-
147					
148	W/S Allocator	Line 146, Col. Col. (5) divided by Col. Col. (3)		W/S=	0.00%
149					
150	Common to Electric Transmission Allocator	FF1.356			
151		W/S Allocator, Line 148			11.78%
152		Line 150 times Line 151		CE=	0.00%
153					
154					
155	RETURN	(Note N)			
156	Long Term Debt	WP_G-1 Line 6	\$ -	% 0.00%	Cost 0.00%
157	Preferred Stock	WP_G-1 Line 8	-	0.00%	Weighted 0.0000
158	Common Stock	WP_G-1 Line 14	-	0.00%	0.0000
159	Total	Sum Lines 156 through 158	-	ROR=	0.0000
160					
161					
162	PREPAYMENTS ALLOCATION FACTOR TO ELECTRIC				
163					
164	Total Electric Plant in Service	207, Ln.100, Col. (g)			
165	Common PIS Allocated to Electric	356			
166	Electric Plant Held for Future Use	214, Ln. 47, Col. (d)			
167	Electric Construction Work in Progress	216, Ln. 43, Col. (b)			
168	Common CWIP Allocated to Electric	356			
169	Total Electric Plant	Sum Lines 164 through 168	-		
170	Total Utility Plant	110, Ln. 4, Col. (c), plus Ln. 16, Col. (c)			
171					
172	Electric Plant to Total Plant Allocation Factor	Line 169 divided by Line 170	0.00%		

**Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2019**

**Table 5
ATRR Act**

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. 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 =	35.00%	
SIT =	4.63%	(State Income Tax Rate or Composite SIT)
p =	0.00%	(percent of FIT deductible for state purposes)

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. 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.
- 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, 2019**

**Table 6
WP_A-2**

Line		
<u>No.</u>		
1	Explanation of Prior Period Correction:	
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)	\$0
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, 2019**

**Table 6
WP_A-2**

21 III. Interest Calculation:

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FERC
Quarterly

Number
of Days
in Month

Monthly
Interest
Rate

Month/Year

Interest Rates

0.0000

0.0000

0.0000

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Average Monthly Interest Rate

0.0000

Over/Under Recovery Amount (In 20 amount)

Average Monthly Interest Rate (In 49)

Monthly Interest Recovery Amount (In 51 x In 52)

Number of Months for Interest Recovery Amount (from line 8)

Interest Recovery Amount (In 55 times In 53)

Prior Period Correction Adjustment (In 20)

Interest on Prior Period Correction Adjustment (In 57)

\$0 (Input to Annual Update)

\$0 (Input to Annual Update)

\$0

0.0000

\$0

0

\$0

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, 2019
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	<u>Plant in Service:</u>					
2	Production Plant	WP_B-Inputs Est. Line 17	6,168,327,065	158,203,915	-	6,326,530,980
3	Transmission	WP_B-Inputs Est. Line 17	2,480,256,772	(157,959,252)	-	2,322,297,520
4	Distribution (3)	WP_B-Inputs Est. Line 17	5,190,019,116	(189,174)	(25,254,537)	5,164,575,406
5	General (3)	WP_B-Inputs Est. Line 17	346,487,778	(55,489)	(77,828,956)	268,603,333
6	Intangible (3) (4)	WP_B-Inputs Est. Line 17	132,842,531		(29,292,665)	103,549,867
7	Common Intangible (4) (5)	WP_B-Inputs Est. Line 17	488,747,722		(82,272,161)	406,475,561
8	Common General (3)	WP_B-Inputs Est. Line 17	490,142,746		(29,759,254)	460,383,492
9	Total Plant In Service with Adjustments	Sum Lines 2 through 8	15,296,823,731	0	(244,407,572)	15,052,416,159
10						
11	<u>Accumulated Depreciation & Amortization: (6)</u>					
12	Production Plant	WP_B-Inputs Est. Line 40	1,739,220,249	23,898,709	-	1,763,118,958
13	Transmission	WP_B-Inputs Est. Line 40	519,878,946	(23,702,504)	-	496,176,442
14	Distribution (3)	WP_B-Inputs Est. Line 40	1,495,929,444	(140,716)	(513,984)	1,495,274,745
15	General (3)	WP_B-Inputs Est. Line 40	112,507,017	(55,489)	(13,019,523)	99,432,005
16	Intangible (3) (4)	WP_B-Inputs Est. Line 40	72,823,185		(15,999,613)	56,823,573
17	Common Intangible (4) (5)	WP_B-Inputs Est. Line 40	281,152,292		(81,241,606)	199,910,686
18	Common General (3)	WP_B-Inputs Est. Line 40	201,877,184		(638,501)	201,238,683
19	Total Accumulated Depreciation & Amortization with Adjustments	Sum Lines 12 through 18	4,423,388,317	(0)	(111,413,226)	4,311,975,091
20						
21						
22	<u>Depreciation and Amortization Expense: (6)</u>					
23	Production Plant	WP_B-Inputs Est. Line 46	112,088,947	3,060,977	-	115,149,924
24	Transmission	WP_B-Inputs Est. Line 46	40,664,131	(3,057,459)	-	37,606,672
25	Distribution (3)	WP_B-Inputs Est. Line 46	117,518,604	(3,518)	(17,118)	117,497,968
26	General (3)	WP_B-Inputs Est. Line 46	19,657,815	-	(4,753,974)	14,903,841
27	Intangible (3) (4)	WP_B-Inputs Est. Line 46	13,778,546		(2,905,827)	10,872,719
28	Common Intangible (4) (5)	WP_B-Inputs Est. Line 46	33,646,303		(118,519)	33,527,784
29	Common General (3)	WP_B-Inputs Est. Line 46	31,795,412		(615,086)	31,180,327
30	Total Depreciation and Amortization Expense	Sum Lines 23 through 29	369,149,758	(0)	(8,410,523)	360,739,235

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, 2019
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:

1. GSU's are eliminated from Transmission, Distribution, and General Plant and reassigned to Production Plant
2. Adjustments are shown on WP_B-Inputs Est. Lines 110, 129, 135
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

Estimated

Line No.	Account Number	Balance at		Average Balance (7)	Adjustments (1)	Adjusted Average Balance
		12/31/2018	12/31/2019			
		Col. (a)	Col. (b)	Col. (c)	Col. (d)	Col. (e)
1	Account 281 - Accelerated amortization property (4)					
2	Pollution Control Facilities - Production	(139,654,447)	(133,262,827)	(136,458,637)	136,458,637	-
3	Proration Adjustment (5)			(234,943)	234,943	-
4	Total Acct. 281 (Form No. 1 pg. 272-273, Line 1)	(139,654,447)	(133,262,827)	(136,693,580)	136,458,637	-
5						
6	Account 282 - Other Property (4)					
7	Plant Related- Direct Assigned to Transmission					
8	Electric Distribution	(1,192,820,866)	(1,205,469,770)	(1,199,145,318)	1,199,145,318	-
9	Electric Distribution-Prod	189,960	174,510	182,235	(182,235)	-
10	Electric Transmission	(482,062,465)	(491,859,081)	(486,960,773)	(486,960,773)	(486,960,773)
11	Electric Transmission-Prod	(4,748,999)	(7,093,993)	(5,921,496)	5,921,496	-
12	Electric General-Prod	(50,158)	(29,104)	(39,631)	39,631	-
13	Pre-Funded (Retail)	(12,237,047)	(12,400,387)	(12,318,717)	12,318,717	-
14	Production	(835,285,914)	(909,156,129)	(872,221,022)	872,221,022	-
15	Proration Adjustment (5)			360,104		360,104
16	Total	(2,527,015,489)	(2,625,833,955)	(2,576,064,618)	2,089,463,949	(486,600,669)
17						
18	Plant Related- Allocated to Transmission					
19	Common General (2)	(39,634,401)	(41,497,476)	(40,565,938)	1,675,283	(38,890,655)
20	Common Intangible	(2,133,467)	(3,624,812)	(2,879,139)		(2,879,139)
21	Electric General (2)	(44,162,859)	(49,392,729)	(46,777,794)	5,068,865	(41,708,929)
22	Electric Intangible	(2,297,399)	(2,659,295)	(2,478,347)		(2,478,347)
23	Proration Adjustment (5)			328,844		328,844
24	Total	(88,228,126)	(97,174,311)	(92,372,375)	6,744,148	(85,628,227)
25	Labor Allocation Factors, ATRR Est. Line 147					11.78%
26	Total Plant Related Allocated to Transmission					(10,087,005)
27						
28	FAS 109	-	-	-	-	-
29	Sub-total FAS 109	-	-	-	-	-
30						
31	Total Acct. 282 (Form No. 1, pg. 274-275, In 2 +	(2,615,243,615)	(2,723,008,266)	(2,668,436,993)	2,096,208,097	(496,687,674)
32						
33	Account 283 - Other (4)					
34	Plant Related- Direct Assigned to Production					
35	Electric Production	(738)	(695)	(716)	716	-
36	Prepaid Water- Aurora	(608,514)	(577,677)	(593,096)	593,096	-
37	Regulatory Asset- Calpine Acquisition Costs	(59,789)	(28,855)	(44,322)	44,322	-
38	Proration Adjustment (5)			-		-
39	Total	(669,041)	(607,227)	(638,134)	638,134	-
40						
41	Direct Assigned to Transmission					
42	Total	-	-	-	-	-
43						
44	Plant Related- Allocated to Transmission					
45	Common General	(316)	(307)	(311)		(311)
46	Common Intangible (2)	(31,811,217)	(34,778,761)	(33,294,989)	(94,213)	(33,389,202)
47	Electric General	(773,301)	(636,825)	(705,063)		(705,063)
48	Electric Intangible (2)	(6,192,086)	(6,782,343)	(6,487,214)	804,421	(5,682,793)
49	Proration Adjustment (5)			125,761		125,761
50	Total	(38,776,919)	(42,198,235)	(40,361,816)	710,208	(39,651,609)
51	Labor Allocation Factors, ATRR Est. Line 147					11.78%
52	Total Plant Related Allocated to Transmission					(4,670,959)
53						
54	Labor Related					
55	Rent Expense- Brokerage Fees	(328,939)	(277,676)	(303,308)	-	(303,308)
56	Defined Benefit Pension and Other Postretirement	(47,069)	(46,739)	(46,904)	-	(46,904)
57	Pension Expense (3)	(36,930,136)	(34,824,000)	(35,877,068)	35,877,068	-
58	Sub-total labor Related	(37,306,144)	(35,148,414)	(36,227,279)	35,877,068	(350,212)
59	Labor Allocation Factors, ATRR Est. Line 147					11.78%
60	Total Plant Related Allocated to Transmission					(41,255)
61						
62	Related to All Plant					
63	State Tax Deduction Cash vs Accrual	(117,403)	(117,403)	(117,403)		(117,403)
64	Regulatory Reserve- Environmental	(1,261,097)	(1,261,097)	(1,261,097)		(1,261,097)
65	Book Unamortized Cost of Reacquired Debt	(912,749)	(689,353)	(801,051)		(801,051)
66	Proration Adjustment (5)			(8,212)		(8,212)
67	Sub-total Transmission Related	(2,291,249)	(2,067,853)	(2,187,762)	-	(2,187,762)
68	Net Plant Allocation Factor, ATRR Est. Line 36					17.36%
69	Total Related to All Plant					(379,719)
70						
71	Retail Related					
72	Regulatory Asset - ICT	(2,105,059)	(2,105,059)	(2,105,059)	2,105,059	-
73	Rate Case/ Restructuring Expense	(1,659,218)	(2,084,767)	(1,871,993)		-
74	Regulatory Asset- Property Tax	(5,580,521)	(5,580,521)	(5,580,521)	5,580,521	-
75	Low Income Discount Program	(1,483)	(2,371)	(1,927)	1,927	-
76	Demand Side Management	(1,939,383)	(1,910,892)	(1,925,137)	1,925,137	-
77	Sub-total Retail Related	(11,285,664)	(11,683,610)	(11,484,637)	11,484,637	-
78						
79	Other Non-Transmission Related					
80	-	-	-	-	-	-
81	-	-	-	-	-	-
82	-	-	-	-	-	-
83	-	-	-	-	-	-
84	Sub-total Other Related	-	-	-	-	-
85						
86	Total Acct. 283 (Form No. 1, pg. 276-277, line 9, c)	(90,329,018)	(91,705,339)	(90,899,629)	48,710,047	(5,091,933)
87						

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

Actuals

Line No.	Account Number	Balance at		Average Balance (7)	Adjustments (1)	Adjusted Average Balance
		12/31/2018 Col. (a)	12/31/2019 Col. (b)			Col. (e)
1	Account 281 - Accelerated amortization property (4)					
2	Pollution Control Facilities - Production			#DIV/0!	#DIV/0!	#DIV/0!
3	Proration Adjustment (5)			-		-
4	Total Acct. 281 (Form No. 1 pg. 272-273, Line 1)	-	-	#DIV/0!	#DIV/0!	#DIV/0!
5						
6	Account 282 - Other Property (4)					
7	Plant Related- Direct Assigned to Transmission					
8	Electric Distribution			#DIV/0!	#DIV/0!	#DIV/0!
9	Electric Distribution-Prod			#DIV/0!	#DIV/0!	#DIV/0!
10	Electric Transmission			#DIV/0!	#DIV/0!	#DIV/0!
11	Electric Transmission-Prod			#DIV/0!	#DIV/0!	#DIV/0!
12	Electric General-Prod			#DIV/0!	#DIV/0!	#DIV/0!
13	Pre-Funded (Retail)			#DIV/0!	#DIV/0!	#DIV/0!
14	Production (2)			#DIV/0!	#DIV/0!	#DIV/0!
15				#DIV/0!	#DIV/0!	#DIV/0!
16				#DIV/0!	#DIV/0!	#DIV/0!
17	Proration Adjustment (5)			-		-
18	Total	-	-	#DIV/0!	#DIV/0!	#DIV/0!
19						
20	Plant Related- Allocated to Transmission					
21	Common General (3)			#DIV/0!	-	#DIV/0!
22	Common Intangible			#DIV/0!		#DIV/0!
23	Electric General (3)			#DIV/0!	-	#DIV/0!
24	Electric Intangible			#DIV/0!		#DIV/0!
25	Proration Adjustment (5)			-		-
26	Total	-	-	#DIV/0!	-	#DIV/0!
27	Labor Allocation Factors, ATRR Act. Line 147					0.00%
28	Total Plant Related Allocated to Transmission					#DIV/0!
29						
30	FAS 109			#DIV/0!	#DIV/0!	#DIV/0!
31	Sub-total FAS 109	-	-	#DIV/0!	#DIV/0!	#DIV/0!
32						
33	Total Acct. 282 (Form No. 1, pg. 274-275, In 2)	-	-	#DIV/0!	#DIV/0!	#DIV/0!
34						
35	Account 283 - Other (4)					
36	Plant Related- Direct Assigned to Production					
37	Electric Production			#DIV/0!	#DIV/0!	#DIV/0!
38	Prepaid Water- Aurora			#DIV/0!	#DIV/0!	#DIV/0!
39	Regulatory Asset- Calpine Acquisition Costs			#DIV/0!	#DIV/0!	#DIV/0!
40	Proration Adjustment (5)			-		-
41	Total	-	-	#DIV/0!	#DIV/0!	#DIV/0!
42						
43	Plant Related- Allocated to Transmission					
44	Common General			#DIV/0!		#DIV/0!
45	Common Intangible (3)			#DIV/0!	-	#DIV/0!
46	Electric General			#DIV/0!		#DIV/0!
47	Electric Intangible (3)			#DIV/0!	-	#DIV/0!
48	Proration Adjustment (5)			-		-
49	Total	-	-	#DIV/0!	-	#DIV/0!
50	Labor Allocation Factors, ATRR Act. Line 147					0.00%
51	Total Plant Related Allocated to Transmission					#DIV/0!
52						
53	Labor Related					
54	Non-Qualified Pension Plan			#DIV/0!		#DIV/0!
55	Rent Expense- Brokerage Fees			#DIV/0!		#DIV/0!
56	Pension Expense (4)			#DIV/0!	#DIV/0!	#DIV/0!
57	Sub-total labor Related	-	-	#DIV/0!	#DIV/0!	#DIV/0!
58	Labor Allocation Factors, ATRR Act. Line 147					0.00%
59	Total Plant Related Allocated to Transmission					#DIV/0!
60						
61	Related to All Plant					
62	State Tax Deduction Cash vs Accrual			#DIV/0!		#DIV/0!
63	Regulatory Reserve- Environmental			#DIV/0!		#DIV/0!
64	Book Unamortized Cost of Reacquired Debt			#DIV/0!		#DIV/0!
65				#DIV/0!		#DIV/0!
66	Proration Adjustment (5)			-		-
67	Sub-total Transmission Related	-	-	#DIV/0!	-	#DIV/0!
68	Net Plant Allocation Factor, ATRR Act. Line 36					0.00%
69	Total Related to All Plant					#DIV/0!
70						
71	Retail Related					
72	Regulatory Asset - ICT			#DIV/0!	#DIV/0!	#DIV/0!
73	Deferred Fuel			#DIV/0!	#DIV/0!	#DIV/0!
74	Rate Case/ Restructuring Expense			#DIV/0!	#DIV/0!	#DIV/0!
75	Regulatory Asset- Property Tax			#DIV/0!	#DIV/0!	#DIV/0!
76	Demand Side Management			#DIV/0!	#DIV/0!	#DIV/0!
77	Reg Asset- Leasehold Improvements			#DIV/0!	#DIV/0!	#DIV/0!
78	Reg Asset- Transmission Cost Adj			#DIV/0!	#DIV/0!	#DIV/0!
79	Sub-total Retail Related	-	-	#DIV/0!	#DIV/0!	#DIV/0!
80						
81	Other Non-Transmission Related					
82	Mark to Market Adjust - LT			#DIV/0!	#DIV/0!	#DIV/0!
83				#DIV/0!	#DIV/0!	#DIV/0!
84				#DIV/0!	#DIV/0!	#DIV/0!
85				#DIV/0!	#DIV/0!	#DIV/0!
86				#DIV/0!	#DIV/0!	#DIV/0!
87	Sub-total Other Related	-	-	#DIV/0!	#DIV/0!	#DIV/0!
88						
89	Total Acct. 283 (Form No. 1, pg. 276-277, line 9, c)	-	-	#DIV/0!	#DIV/0!	#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, 2016
Accumulated Deferred Income Taxes (Debits)

Table 9
WP_B-3

Estimated

Line No.	Account No.	Balance at		Average Balance (5)	Adjustments (1)	Adjusted Average Balance
		12/31/2018 Col. (a)	12/31/2019 Col. (b)			Col. (e)
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	1,712	1,712	1,712	(1,712)	-
9	Trapper Mine Reclamation	423,363	423,363	423,363	(423,363)	-
10	Windpower Credit - FED DIT Only	18,730,145	71,979,282	45,354,714	(45,354,714)	-
11	Total Production - Energy Related	19,155,220	72,404,357	45,779,788	(45,779,788)	-
12						
13	Plant Related- Direct Assigned to Transmission					
14	Electric Distribution	269,717,466	276,895,912	273,306,689	(273,306,689)	-
15	Electric Distribution-Prod	(87,046)	(87,046)	(87,046)	87,046	-
16	Electric Transmission	38,315,614	39,354,383	38,834,998		38,834,998
17	Electric Transmission-Prod	1,380,928	1,380,928	1,380,928	(1,380,928)	-
18	Electric General-Prod	(236)	(236)	(236)	236	-
19	Hydro Production	1,378,020	1,692,566	1,535,293	(1,535,293)	-
20	Other Production	28,710,565	27,834,563	28,272,564	(28,272,564)	-
21	Steam Production	61,717,458	59,505,595	60,611,526	(60,611,526)	-
22	Proration Adjustment (3)			(38,183)		(38,183)
23	Total Plant Related- Direct Assigned to Transmission	401,132,769	406,576,664	403,816,534	(365,019,719)	38,796,815
24						
25	Plant Related- Allocated to Transmission					
26	Common General	562,581	718,538	640,560		640,560
27	Common Intangible	10,142	8,590	9,366		9,366
28	Electric General	1,380,747	1,362,496	1,371,622		1,371,622
29	Electric Intangible	229,430	220,358	224,894		224,894
30	Proration Adjustment (3)			(4,671)		(4,671)
31	Total Plant Related- Allocated to Transmission	2,182,901	2,309,982	2,241,770	-	2,241,770
32	Labor Allocation Factors, ATRR Est. Line 147					11.78%
33	Total Plant Related Allocated to Transmission					264,080
34						
35	Related to All Plant					
36	Environmental Remediation	2,960	-	1,480		1,480
37	Inventory Reserve	174,298	174,298	174,298		174,298
38	State Tax Deduction Cash vs Accrual	2,219,207	2,219,207	2,219,207		2,219,207
39	Enterprise Zone Credit - State DIT Only	15,119,615	15,712,115	15,415,865		15,415,865
40	R & E Credit - FED DIT Only	26,228,948	27,249,739	26,739,344		26,739,344
41	State Credit Valuation Allowance	(5,655,640)	(5,655,640)	(5,655,640)		(5,655,640)
42	Proration Adjustment (3)			(59,193)		(59,193)
43	Total Related to All Plant	38,089,388	39,699,719	38,835,361	-	38,835,361
44	Net Plant Allocation Factor, ATRR Est. Line 36					17.36%
45	Allocated Total Related to All Plant					6,740,452
46						
47	Labor Related					
48	Employee Incentive Plans	924,232	951,959	938,095		938,095
49	Deferred Compensation Plan Reserve	171,450	181,737	176,594		176,594
50	Severance Accrual	-	-	-		-
51	Vacation Accrual	1,663,480	1,663,480	1,663,480		1,663,480
52	Performance Share Plan	132,712	105,419	119,066		119,066
53	New Hire Retention	34,120	34,120	34,120		34,120
54	Post Employment Benefits - FAS 106	(1,703,299)	(4,074,640)	(2,888,970)		(2,888,970)
55	Post Employment Benefits - FAS 112	498,658	433,509	466,083		466,083
56	Performance Recognition Awards	12,571	13,413			
57	Defined Benefit Pension and Other Postretirement Plans - Funded	(10,762)	(9,577)			
58	Non-Qualified Pension Plans	26,065	30,073			
59	Deferred Rent	3,177,234	2,731,382	2,954,308		2,954,308
60	Total Labor Related	4,926,461	2,060,874	3,462,776	-	3,462,776
61	Labor Allocation Factors, ATRR Est. Line 147					11.78%
62	Allocated Total Labor Related					407,915
63						
64	Retail Related					
65	REG A/L - TRANSMISSION ATTACH O	547,715	-	273,857	(273,857)	-
66	REG A/L - Transmission Cost Adjustment	1,137,007	-			-
67	Bad Debts	2,282,268	2,282,268	2,282,268	(2,282,268)	-
68	Rate Refund	20,401,517	768,553	10,585,035	(10,585,035)	-
69	REC Margin Sharing	534,873	534,873	534,873	(534,873)	-
70	Solar Rewards Program	177,990	177,990	177,990	(177,990)	-
71	Unbilled Revenue	-	-	-		-
72	Electric Vehicle	5,346	5,346	5,346	(5,346)	-
73	Investment Tax Credit	-	-	-		-
74	Demand Side Management	-	-	-		-
75	Deferred Fuel	1,036,934	42,797	539,865	(539,865)	-
76	Total Retail Related	26,123,650	3,811,827	14,399,235	(14,399,235)	-
77						
78	Other Non-Transmission Related					
79	Section 59e Adjustment	8,101,026	9,472,193	8,786,610	(8,786,610)	-
80	Non-Plant ADIT Rate Change	-	-			-
81	Litigation Reserve	151,510	151,510			-
82	Total Other Related	8,252,536	9,623,703	8,786,610	(8,786,610)	-
83						
84	Total Account 190 (Form No. 1, page 234, line 8, cols b & c)	499,862,924	536,487,125	517,322,074		46,209,263

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

Actual

Line No.	Account No.	Balance at		Average Balance (5)	Adjustments (1)	Adjusted Average Balance
		12/31/2017 Col. (a)	12/31/2018 Col. (b)			Col. (e)
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			#DIV/0!	#DIV/0!	#DIV/0!
9	Trapper Mine Reclamation			#DIV/0!	#DIV/0!	#DIV/0!
10	Windpower Credit - FED DIT Only			#DIV/0!	#DIV/0!	#DIV/0!
11	Total Production - Energy Related	-	-	#DIV/0!	#DIV/0!	#DIV/0!
12						
13	Plant Related- Direct Assigned to Transmission					
14	Electric Distribution			#DIV/0!	#DIV/0!	#DIV/0!
15	Electric Distribution-Prod			#DIV/0!	#DIV/0!	#DIV/0!
16	NOL Carryforward- Distribution			#DIV/0!	#DIV/0!	#DIV/0!
17	Electric Transmission			#DIV/0!	#DIV/0!	#DIV/0!
18	Electric Transmission-Prod			#DIV/0!	#DIV/0!	#DIV/0!
19	Electric General-Prod			#DIV/0!	#DIV/0!	#DIV/0!
20	NOL Carryforward- Transmission			#DIV/0!	#DIV/0!	#DIV/0!
21	Hydro Production			#DIV/0!	#DIV/0!	#DIV/0!
22	Other Production			#DIV/0!	#DIV/0!	#DIV/0!
23	Steam Production			#DIV/0!	#DIV/0!	#DIV/0!
24	NOL Carryforward- Production			#DIV/0!	#DIV/0!	#DIV/0!
25	Proration Adjustment (3)			-		-
26	Total Plant Related- Direct Assigned to Transmission	-	-	#DIV/0!	#DIV/0!	#DIV/0!
27						
28	Plant Related- Allocated to Transmission					
29	Common General			#DIV/0!		#DIV/0!
30	Common Intangible			#DIV/0!		#DIV/0!
31	NOL Carryforward- Common (Allocated to Electric)			#DIV/0!		#DIV/0!
32	Electric General			#DIV/0!		#DIV/0!
33	Electric Intangible			#DIV/0!		#DIV/0!
34	NOL Carryforward- Electric General			#DIV/0!		#DIV/0!
35	Proration Adjustment (3)			-		-
36	Total Plant Related- Allocated to Transmission	-	-	#DIV/0!	-	#DIV/0!
37	Labor Allocation Factors, ATRR Act. Line 147					0.00%
38	Total Plant Related Allocated to Transmission					#DIV/0!
39						
40	Related to All Plant					
41	Environmental Remediation			#DIV/0!		#DIV/0!
42	Inventory Reserve			#DIV/0!		#DIV/0!
43	State Tax Deduction Cash vs Accrual			#DIV/0!		#DIV/0!
44	Enterprise Zone Credit - State DIT Only			#DIV/0!		#DIV/0!
45	R & E Credit - FED DIT Only (2)			#DIV/0!		#DIV/0!
46	State Credit Valuation Allowance			#DIV/0!		#DIV/0!
47	Investment - FED DIT Only			#DIV/0!		#DIV/0!
48	FAS 109 (1)			#DIV/0!	#DIV/0!	#DIV/0!
49	Proration Adjustment (3)			-		-
50	Total Related to All Plant	-	-	#DIV/0!	#DIV/0!	#DIV/0!
51	Net Plant Allocation Factor, ATRR Act. Line 36					0.00%
52	Allocated Total Related to All Plant					#DIV/0!
53						
54	Labor Related					
55	Employee Incentive Plans			#DIV/0!		#DIV/0!
56	Deferred Compensation Plan Reserve			#DIV/0!		#DIV/0!
57	Severance Accrual			#DIV/0!		#DIV/0!
58	Vacation Accrual			#DIV/0!		#DIV/0!
59	Performance Share Plan			#DIV/0!		#DIV/0!
60	New Hire Retention			#DIV/0!		#DIV/0!
61	Post Employment Benefits - FAS 106			#DIV/0!		#DIV/0!
62	Post Employment Benefits - FAS 112			#DIV/0!		#DIV/0!
63	Performance Recognition Awards			#DIV/0!		#DIV/0!
64	Deferred Rent			#DIV/0!		#DIV/0!
65				#DIV/0!		#DIV/0!
66				#DIV/0!		#DIV/0!
67	Total Labor Related	-	-	#DIV/0!	-	#DIV/0!
68	Labor Allocation Factors, ATRR Act. Line 147					0.00%
69	Allocated Total Labor Related					#DIV/0!
70						
71	Retail Related					
72	Bad Debts			#DIV/0!	#DIV/0!	#DIV/0!
73	Rate Refund			#DIV/0!	#DIV/0!	#DIV/0!
74	REC Margin Sharing			#DIV/0!	#DIV/0!	#DIV/0!
75	Solar Rewards Program			#DIV/0!	#DIV/0!	#DIV/0!
76	Unbilled Revenue			#DIV/0!	#DIV/0!	#DIV/0!
77	Electric Vehicle			#DIV/0!	#DIV/0!	#DIV/0!
78	Investment Tax Credit			#DIV/0!	#DIV/0!	#DIV/0!
79	Demand Side Management			#DIV/0!	#DIV/0!	#DIV/0!
80	Deferred Fuel			#DIV/0!	#DIV/0!	#DIV/0!
81	Total Retail Related	-	-	#DIV/0!	#DIV/0!	#DIV/0!
82						
83	Other Non-Transmission Related					
84	REG A/L - TRANSMISSION ATTACH O			#DIV/0!	#DIV/0!	#DIV/0!
85	Regulatory Asset - MPB Tree Clearing			#DIV/0!	#DIV/0!	#DIV/0!
86	Deferred Debit - FIN 48			#DIV/0!	#DIV/0!	#DIV/0!
87	Litigation Reserve			#DIV/0!	#DIV/0!	#DIV/0!
88	Total Other Related	-	-	#DIV/0!	#DIV/0!	#DIV/0!
89						
90						
91	Total Account 190 (Form No. 1, page 234, line 8, cols b & c)	-	-	#DIV/0!		#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, 2019
Acquisition Adjustment

Table 10
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	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 (j)+(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)
1	Estimated Balance																
2	December	210,144,390	10,104,476	5,308,257	225,557,122	42,028,878	1,469,753	772,116	44,270,747	168,115,512	8,634,722	4,536,141	181,286,375				
3	January	210,144,390	10,104,476	5,308,257	225,557,122	42,466,679	1,485,063	780,159	44,731,901	167,677,711	8,619,412	4,528,098	180,825,221	437,801	15,310	8,043	461,154
4	February	210,144,390	10,104,476	5,308,257	225,557,122	42,904,479	1,500,373	788,202	45,193,055	167,239,910	8,604,102	4,520,055	180,364,068	437,801	15,310	8,043	461,154
5	March	210,144,390	10,104,476	5,308,257	225,557,122	43,342,280	1,515,683	796,245	45,654,208	166,802,110	8,588,792	4,512,012	179,902,914	437,801	15,310	8,043	461,154
6	April	210,144,390	10,104,476	5,308,257	225,557,122	43,780,081	1,530,993	804,288	46,115,362	166,364,309	8,573,482	4,503,969	179,441,760	437,801	15,310	8,043	461,154
7	May	210,144,390	10,104,476	5,308,257	225,557,122	44,217,882	1,546,303	812,331	46,576,516	165,926,508	8,558,172	4,495,926	178,980,607	437,801	15,310	8,043	461,154
8	June	210,144,390	10,104,476	5,308,257	225,557,122	44,655,683	1,561,613	820,373	47,037,669	165,488,707	8,542,862	4,487,884	178,519,453	437,801	15,310	8,043	461,154
9	July	210,144,390	10,104,476	5,308,257	225,557,122	45,093,483	1,576,923	828,416	47,498,823	165,050,906	8,527,552	4,479,841	178,058,299	437,801	15,310	8,043	461,154
10	August	210,144,390	10,104,476	5,308,257	225,557,122	45,531,284	1,592,233	836,459	47,959,977	164,613,106	8,512,242	4,471,798	177,597,146	437,801	15,310	8,043	461,154
11	September	210,144,390	10,104,476	5,308,257	225,557,122	45,969,085	1,607,543	844,502	48,421,130	164,175,305	8,496,932	4,463,755	177,135,992	437,801	15,310	8,043	461,154
12	October	210,144,390	10,104,476	5,308,257	225,557,122	46,406,886	1,622,853	852,545	48,882,284	163,737,504	8,481,622	4,455,712	176,674,838	437,801	15,310	8,043	461,154
13	November	210,144,390	10,104,476	5,308,257	225,557,122	46,844,687	1,638,163	860,588	49,343,438	163,299,703	8,466,313	4,447,669	176,213,685	437,801	15,310	8,043	461,154
14	December	210,144,390	10,104,476	5,308,257	225,557,122	47,282,488	1,653,473	868,631	49,804,591	162,861,902	8,451,003	4,439,626	175,752,531	437,801	15,310	8,043	461,154
15	13 Month Avg. (Lns 2 - 14)	210,144,390	10,104,476	5,308,257	225,557,122	44,655,683	1,561,613	820,373	47,037,669	165,488,707	8,542,862	4,487,884	178,519,453	5,253,610	183,720	96,515	5,533,844

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, 2019
Acquisition Adjustment

Table 10
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	Transmission		Total (1) (a)+(b)+(c)	Transmission		Total (2) (e)+(f)+(g)	Transmission		Total (j)+(j)+(k)	Total (i)+(j)+(k)	Transmission		Total (3) (m)+(n)+(o)	Total (p)	Total (q)
		Production	Serving		Production	Serving		Production	Serving			Production	Serving			
		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)
1	Actual Balance															
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	13 Month Avg. (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, 2019
Prepayments- FERC Account 165

Table 11
WP B-5

Estimated

Line No.	Description	Reference	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	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	Insurance	Company Records	\$ 7,612,514	\$ 6,679,517	\$ 5,824,084	\$ 5,009,097	\$ 4,143,115	\$ 3,203,557	\$ 2,289,001	\$ 1,740,290	\$ 4,745,807	\$ 3,864,990	\$ 3,241,218	\$ 3,086,053	\$ 8,148,261	\$ 4,583,654
3	Auto Licensing	Company Records	164,574	51,665	509,054	746,822	757,537	686,908	615,999	543,931	479,403	407,064	338,133	263,813	189,095	442,615
4	Dark Fiber Lease	Company Records	211,536	141,024	70,512	-	(70,512)	70,512	-	(70,512)	(141,024)	-	-	-	-	16,272
5	Prepays - Facility Fees	Company Records	2,834,486	2,755,986	2,706,702	2,652,137	2,599,333	2,544,768	2,507,005	2,452,440	2,397,876	2,345,072	2,290,507	-	-	2,160,485
6	Total Plant Related		\$ 10,823,110	\$ 9,628,192	\$ 9,110,351	\$ 8,408,055	\$ 7,429,473	\$ 6,505,745	\$ 5,412,005	\$ 4,666,149	\$ 7,482,062	\$ 6,617,125	\$ 5,869,859	\$ 3,349,866	\$ 8,337,356	\$ 7,203,027
7	Allocation Factor to Electric	ATRR Est. Line 172														74.70%
8	Total Plant Related Allocated to Electric															\$ 5,380,619
9																
10	Labor Related:															
11	Other Prepaid (Rent)	Company Records	\$ -	\$ 817,048	\$ 817,048	\$ 817,048	\$ 817,048	\$ 817,048	\$ 845,717	\$ 845,717	\$ 845,717	\$ -	\$ 845,717	\$ -	\$ 845,717	\$ 639,525
12	Hardware Maintenance Prepays	Company Records	354,621	347,125	336,085	336,085	336,085	313,865	306,459	79,599	64,786	57,380	49,973	49,973	35,160	205,169
13	Other Prepaid - Benefits	Company Records	16,113	7,201	1,727	(4,374)	2,692	(8,272)	(16,789)	24,653	16,070	7,488	1,674	23,548	14,966	6,669
14	Total Labor Related		\$ 370,734	\$ 1,171,374	\$ 1,154,860	\$ 1,148,759	\$ 1,155,825	\$ 1,122,642	\$ 1,135,388	\$ 949,969	\$ 926,574	\$ 64,867	\$ 897,364	\$ 73,522	\$ 895,843	\$ 851,363
15	Allocation Factor to Electric	ATRR Est. Line 172														74.70%
16	Total Labor Related Allocated to Electric															\$ 635,963
17																
18	Transmission Related:															
19	Prepaid Transmission Exp	Company Records	3,640,752	3,346,664	3,030,493	2,799,255	2,520,586	2,232,662	1,941,747	1,441,139	1,195,666	873,204	585,089	290,444	3,076,624	2,074,948
20	Total Transmission Related		\$ 3,640,752	\$ 3,346,664	\$ 3,030,493	\$ 2,799,255	\$ 2,520,586	\$ 2,232,662	\$ 1,941,747	\$ 1,441,139	\$ 1,195,666	\$ 873,204	\$ 585,089	\$ 290,444	\$ 3,076,624	\$ 2,074,948
21																
22	Other Related: Non-Transmission															
23	Prepaid Insurance - Niel NML WCR-GO	Company Records	\$ 102,906	\$ 111,646	\$ 119,541	\$ 128,281	\$ 136,739	\$ 145,480	\$ 153,938	\$ 162,678	\$ 68,513	\$ 76,971	\$ 85,711	\$ 94,169	\$ 102,910	\$ 114,576
24	Prepays - Regulatory Fees	Company Records	-	1,611,546	805,773	-	1,611,479	805,739	0	1,691,916	845,958	0	1,691,916	845,958	0	762,330
25	Prepays - Gas Imbalances	Company Records	1,557,070	1,365,855	1,478,065	637,620	1,038,885	1,248,560	699,060	837,680	791,280	1,265,195	1,633,500	386,270	1,197,005	1,087,388
26	Prepays - Other	Company Records	228,501	197,810	171,009	145,068	119,387	92,214	67,900	181,124	164,853	148,293	123,831	112,420	240,545	153,304
27	Prepays - Other Transmission	Company Records	(36,000)	(36,000)	206,000	206,000	206,000	206,000	206,000	206,000	206,000	206,000	206,000	206,000	417,948	185,073
28	Prepays - Other Brand Advertising RE	Company Records	(0)	1,238,365	1,683,776	1,501,448	1,353,460	1,171,133	988,806	772,139	589,812	407,485	225,157	112,579	(0)	772,628
29	Prepays - Other IT	Company Records	397,769	412,086	-	-	-	-	-	-	-	-	-	-	-	62,297
30	Prepays - Other Corporate Services IT	Company Records	606,934	-	-	-	-	-	-	-	-	-	-	-	-	46,687
31	Prepaid Interest - Commercial Paper	Company Records	17,588	22,978	4,047	1,894	3,706	17,363	-	-	-	-	-	-	-	5,198
32	Prepays - Other Operations Services	Company Records	171,440	157,154	142,867	128,580	114,294	100,007	85,720	71,434	57,147	42,860	28,573	14,287	176,974	99,334
33	Prepays - Other DSM	Company Records	(0)	1,758,296	1,555,632	1,352,969	1,150,306	947,643	744,979	620,816	496,653	372,490	248,326	124,163	278,672	742,380
34	Prepays - Other Energy Supply	Company Records	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Prepaid Lease - PPAs LT	Company Records	3,369,033	3,369,033	3,369,033	3,709,339	3,709,339	3,709,339	3,718,513	3,718,513	3,718,513	3,562,122	3,562,122	3,562,122	3,718,514	3,599,657
36	Prepays - Extended Warranty	Company Records	69,445	55,556	41,667	27,778	13,889	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	16,026
37	City of Aurora Prepaid Water	Company Records	2,727,167	2,579,250	2,431,333	2,283,417	2,135,500	3,631,079	3,483,754	3,336,429	3,189,103	3,041,778	2,894,452	2,747,127	2,599,802	2,852,322
38	Prepays - Other Distribution Utility	Company Records	-	-	-	-	-	-	-	-	-	-	-	-	25,600	1,969
39	Other Prepaid-TU	Company Records	248,462	248,462	248,462	248,462	248,462	248,462	248,462	248,462	248,462	248,462	248,462	248,462	248,462	248,462
40																
41	Total Other Related		\$ 9,460,313	\$ 13,092,037	\$ 12,257,204	\$ 10,370,857	\$ 11,841,445	\$ 12,323,019	\$ 10,397,133	\$ 11,847,191	\$ 10,376,293	\$ 9,371,655	\$ 10,948,052	\$ 8,453,557	\$ 9,006,431	\$ 10,749,630
42	Allocation Factor to Electric	ATRR Est. Line 172														74.70%
43	Total Other Related Allocated to Electric															\$ 8,029,910.16
44																
45	Total Prepayments	Lines 6 + 14 + 20 + 42	\$ 24,294,910	\$ 27,238,266	\$ 25,552,909	\$ 22,726,926	\$ 22,947,329	\$ 22,184,068	\$ 18,886,272	\$ 18,904,448	\$ 19,980,596	\$ 16,926,852	\$ 18,300,364	\$ 12,167,388	\$ 21,316,254	
46																
47	Additional Prepayments included in the FERC Form No. 1															
48	Prepays - Income Taxes - Federal	Company Records	\$ 9,215,270	\$ -	\$ -	\$ 10,047,534	\$ 4,768,419	\$ -	\$ 21,968,111	\$ -	\$ -	\$ 1,109,830	\$ -	\$ -	\$ -	-
49	Prepays - Income Taxes - State	Company Records	-	-	-	-	-	-	-	-	-	3,401	311	311	311	311
50																
51																
52	Total	FERC Form No. 1 pg. 111, Line 57, Col. (c) & (d)	\$ 33,510,180	\$ 27,238,266	\$ 25,552,909	\$ 32,774,460	\$ 27,715,749	\$ 22,184,068	\$ 40,854,383	\$ 18,904,448	\$ 19,980,596	\$ 18,040,082	\$ 18,300,675	\$ 12,167,699	\$ 21,316,565	

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, 2019
Prepayments- FERC Account 165

Table 11
WP-B-5

Actual

Line No.	Description	Reference	Dec-18 Col. (a)	Jan-19 Col. (b)	Feb-19 Col. (a)	Mar-19 Col. (d)	Apr-19 Col. (e)	May-19 Col. (f)	Jun-19 Col. (a)	Jul-19 Col. (h)	Aug-19 Col. (i)	Sep-19 Col. (l)	Oct-19 Col. (k)	Nov-19 Col. (l)	Dec-19 Col. (m)	13 Month Avg Col. (n)
Prepayments (FERC Account 165) (1)																
1	Plant Related:															
2	Insurance	Company Records														\$ -
3	Auto Licensing	Company Records														-
4	Dark Fiber Lease	Company Records														-
5	Prepays - Facility Fees	Company Records														-
6	Total Plant Related		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	Allocation Factor to Electric	ATRR Act Line 172														0.00%
8	Total Plant Related Allocated to Electric															\$ -
9																
10	Labor Related:															
11	Other Prepaid (Rent)	Company Records														#DIV/0!
12	Hardware Maintenance Prepays	Company Records														#DIV/0!
13	Other Prepaid - Benefits	Company Records														#DIV/0!
14	Total Labor Related		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
15	Allocation Factor to Electric	ATRR Act Line 172														0.00%
16	Total Labor Related Allocated to Electric															#DIV/0!
17																
18	Transmission Related:															
19	Prepaid Transmission Exp	Company Records														#DIV/0!
20	Total Transmission Related		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	#DIV/0!
21																
22	Other Related: Non-Transmission															
23	Prepaid Insurance - Nell NML WCR-GO	Company Records														#DIV/0!
24	Prepays - Regulatory Fees	Company Records														#DIV/0!
25	Prepays - Gas Imbalances	Company Records														#DIV/0!
26	Prepays - Other	Company Records														#DIV/0!
27	Prepays - Other Transmission	Company Records														#DIV/0!
28	Prepays - Other Brand Advertising RE	Company Records														#DIV/0!
29	Prepays - Other IT	Company Records														#DIV/0!
30	Prepays - Other Corporate Services IT	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	Comanche Extended Warranty	Company Records														#DIV/0!
37	City of Aurora Prepaid Water	Company Records														#DIV/0!
38	Other Prepaid-TU	Company Records														#DIV/0!
39	Total Other Related		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
40	Allocation Factor to Electric	ATRR Act Line 172														0.00%
41	Total Other Related Allocated to Electric															#DIV/0!
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, 2019
Materials and Supplies - FERC Account 154

Table 12
WP_B-6

Estimated				
Line No.	Month	Year	Reference	Ending Balance (1)
	Col. (a)	Col (b)	Col. (c)	Col. (d)
1	December	2016	FF1, Page 227, In 12, Col. (b)	\$ 63,858,810
2	January	2017	Company Records	\$ 66,636,448
3	February	2017	Company Records	\$ 67,081,004
4	March	2017	Company Records	\$ 70,022,093
5	April	2017	Company Records	\$ 69,833,455
6	May	2017	Company Records	\$ 70,285,065
7	June	2017	Company Records	\$ 69,532,379
8	July	2017	Company Records	\$ 69,690,717
9	August	2017	Company Records	\$ 68,910,351
10	September	2017	Company Records	\$ 67,485,691
11	October	2017	Company Records	\$ 66,826,481
12	November	2017	Company Records	\$ 66,542,074
13	December	2017	FF1, Page 227, In 12, Col. (c)	\$ 67,440,196
14	13 Month Avg. (Lns 1 - 13)			\$ 68,011,136
15				
16	Materials & Supplies Allocation Factor at Year End			
17	Assigned to Construction (Estimated)		FF1, Page 227, In 5, Col. (c)	\$ 16,369,867
18	Assigned to Operation and Maintenance (Estimated)		FF1, Page 227, In 6, Col. (c)	-
19	Production Plant (Estimated)		FF1, Page 227, In 7, Col. (c)	45,044,449
20	Transmission Plant (Estimated)		FF1, Page 227, In 8, Col. (c)	3,532,734
21	Distribution Plant (Estimated)		FF1, Page 227, In 9, Col. (c)	3,707,309
22	Regional Transmission and Market Operation Plant (Estimated)		FF1, Page 227, In 10, Col. (c)	
23	Assigned to - Other		FF1, Page 227, In 11, Col. (c)	(1,214,163)
24	Total Account 154 (sum Lns 17 - 23)			\$ 67,440,196
25				
26	Transmission Materials & Supplies Allocation Factor		Ln 20 / Ln 24	5.24%
27	Other Materials & Supplies Allocation Factor		Ln 23 / Ln 24	-1.80%
28				
29	Transmission Materials & Supplies		(Ln 14 * Ln 26)	\$ 3,562,642
30				
31	Other Materials & Supplies		(Ln 14 * Ln 27)	\$ (1,224,442)
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, 2019
Materials and Supplies - FERC Account 154

Table 12
WP_B-6

Actual				
Line No.	Month	Year	Reference	Ending Balance
	Col. (a)	Col (b)	Col. (c)	Col. (d)
1	December	2017	FF1, Page 227, In 12, Col. (b)	
2	January	2018	Company Records	
3	February	2018	Company Records	
4	March	2018	Company Records	
5	April	2018	Company Records	
6	May	2018	Company Records	
7	June	2018	Company Records	
8	July	2018	Company Records	
9	August	2018	Company Records	
10	September	2018	Company Records	
11	October	2018	Company Records	
12	November	2018	Company Records	
13	December	2018	FF1, Page 227, In 12, Col. (c)	
14	13 Month Avg. (Lns 1 - 13)			\$ -
15				
16	<u>Materials & Supplies Allocation Factor at Year End</u>			
17	Assigned to Construction (Estimated)		FF1, Page 227, In 5, Col. (c)	
18	Assigned to Operation and Maintenance (Estimated)		FF1, Page 227, In 6, Col. (c)	
19	Production Plant (Estimated)		FF1, Page 227, In 7, Col. (c)	
20	Transmission Plant (Estimated)		FF1, Page 227, In 8, Col. (c)	
21	Distribution Plant (Estimated)		FF1, Page 227, In 9, Col. (c)	
22	Regional Transmission and Market Operation Plant (Estimated)		FF1, Page 227, In 10, Col. (c)	
23	Assigned to - Other		FF1, Page 227, In 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, 2019
Regulatory Liabilities- FERC Account 254

Table 13
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, 2019
Construction Work in Progress (1)

Table 14
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		Adjustment to		Annual Amortization
						Gross Plant	Accumulated Reserves	Net Plant	to ADIT	
					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		Adjustment to		Annual Amortization
						Gross Plant	Accumulated Reserves	Net Plant	to ADIT	
					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.

Company	Intangible Plant		Steam Production	Hydraulic Production	Other Production	Transmission Plant	Distribution Plant		General Plant	Common Intangible	Common General	
	Company Records	Company Records	Company Records	Company Records	Company Records	Company Records	Company Records	Company Records	Company Records	Company Records	Company Records	
1	109,489,404	3,231,761,813	151,032,670	2,810,950,657	2,419,969,880	5,075,275,443	295,388,368	485,149,240	452,879,541			
	112,052,807	3,231,835,277	151,033,287	2,810,986,707	2,422,658,803	5,096,516,555	299,508,391	485,175,195	478,238,586			
	112,230,139	3,231,917,116	151,033,896	2,811,023,430	2,424,707,602	5,111,177,911	322,708,951	485,163,957	478,893,281			
	112,380,410	3,237,075,028	151,034,794	2,811,079,507	2,430,579,254	5,124,978,746	339,513,559	485,290,059	481,161,720			
	113,333,422	3,232,436,370	151,036,253	2,815,963,306	2,429,811,437	5,139,400,625	344,651,676	485,517,705	482,229,706			
	113,442,458	3,238,556,274	151,041,820	2,828,837,710	2,457,186,778	5,180,014,320	347,989,200	485,831,753	483,553,690			
	145,479,736	3,238,883,315	151,042,938	2,829,181,154	2,461,676,403	5,204,484,069	351,104,959	486,219,320	485,356,981			
	146,281,293	3,239,192,476	151,044,006	2,829,272,682	2,464,287,609	5,220,351,399	354,125,035	486,669,442	487,227,399			
	146,349,463	3,239,820,846	151,046,044	2,829,426,242	2,469,107,896	5,237,069,707	361,916,414	487,172,793	489,229,225			
	146,408,024	3,242,214,528	151,047,886	2,829,571,203	2,470,419,397	5,254,348,804	365,239,776	487,721,436	492,155,117			
	146,455,339	3,249,656,730	188,858,241	2,846,822,696	2,590,416,664	5,276,565,577	368,535,319	488,030,859	494,755,113			
	146,500,908	3,250,780,361	188,867,251	2,847,462,895	2,593,412,143	5,289,131,339	371,679,966	488,136,952	495,170,770			
	176,488,906	3,258,079,407	188,874,967	2,847,791,419	2,610,565,265	5,338,761,081	401,957,298	517,659,545	566,492,726			
	132,842,531	3,240,246,888	159,768,713	2,826,797,662	2,480,320,164	5,196,828,890	346,487,778	488,747,722	490,512,158			
	-	52,346,462	734,812	5,404,984	63,392	6,809,774	-	-	-	369,412		
	132,842,531	3,187,900,246	159,033,961	2,821,392,678	2,480,256,772	5,190,019,116	346,487,778	488,747,722	490,142,746			

Company	Intangible Plant	Steam Production	Hydraulic Production		Other Production	Transmission Plant	Distribution Plant		General Plant	Common Intangible	Common General
			Company Records	Company Records			Company Records	Company Records			
68,056,629	1,127,667,683	49,023,653	473,740,197	49,152,837	1,459,052,058	102,606,740	265,025,406	185,049,413			
68,743,483	1,134,978,126	49,443,121	480,936,578	502,561,185	1,465,363,628	104,074,552	267,738,991	187,854,694			
69,432,243	1,142,240,287	49,862,591	468,026,936	505,974,783	1,471,725,960	105,563,529	270,426,594	190,667,864			
70,122,464	1,155,306,859	50,258,064	496,333,186	509,378,173	1,478,035,173	107,155,041	273,115,699	193,493,539			
70,822,761	1,162,765,633	50,653,538	503,362,020	512,796,281	1,484,265,486	108,857,165	275,870,510	194,854,802			
71,523,937	1,169,875,652	51,049,021	510,385,450	516,243,055	1,490,580,546	110,583,874	278,053,068	198,079,393			
72,492,114	1,177,245,138	51,444,512	517,521,161	519,730,664	1,496,979,854	112,325,820	281,174,625	201,885,461			
73,469,733	1,184,604,338	51,840,004	525,599,672	523,226,257	1,503,500,924	114,084,999	283,840,841	204,704,271			
74,425,626	1,191,966,944	52,235,501	532,726,951	526,708,142	1,509,753,586	115,781,999	286,507,731	207,536,860			
75,382,196	1,199,308,763	52,631,001	539,134,828	530,202,367	1,516,117,900	117,595,412	289,173,592	210,390,498			
76,338,831	1,206,665,310	53,069,187	546,172,261	533,813,696	1,522,431,293	119,428,613	291,822,904	213,256,846			
77,293,954	1,214,092,864	53,560,067	553,361,059	537,528,971	1,528,746,199	121,274,215	294,466,324	216,150,486			
78,507,399	1,228,627,105	54,030,965	560,632,573	541,249,235	1,535,202,565	123,259,259	297,373,506	219,047,806			
78,823,185	1,176,613,439	51,468,556	517,533,298	519,889,707	1,497,058,097	112,507,017	281,152,292	201,967,422			
-	5,730,241	112,660	552,142	1,0761	1,128,653	-	-	90,237			
72,823,185	1,170,883,197	51,355,896	516,981,156	519,929,444	1,495,929,444	112,507,017	281,152,292	201,877,184			

103 Generator Step ups

105		Gross Plant			Accum Depreciation & Amort			ADIT		
		Transmission GSU	Distribution GSU	General GSU	Transmission GSU	Distribution GSU	General GSU	Transmission GSU	Distribution GSU	General GSU
106	December	157,959,252	189,174	55,489	22,061,716	138,957	55,489	(3,368,071)	103,128	(29,340)
107	January	157,959,252	189,174	55,489	23,197,160	139,250	55,489			
108	February	157,959,252	189,174	55,489	23,313,991	139,543	55,489			
109	March	157,959,252	189,174	55,489	23,430,232	139,836	55,489			
110	April	157,959,252	189,174	55,489	23,547,063	140,129	55,489			
111	May	157,959,252	189,174	55,489	23,663,893	140,422	55,489			
112	June	157,959,252	189,174	55,489	23,780,723	140,716	55,489			
113	July	157,959,252	189,174	55,489	23,897,554	141,009	55,489			
114	August	157,959,252	189,174	55,489	24,014,384	141,302	55,489			
115	September	157,959,252	189,174	55,489	24,131,214	141,595	55,489			
116	October	157,959,252	189,174	55,489	24,248,045	141,888	55,489			
117	November	157,959,252	189,174	55,489	24,364,875	142,181	55,489			
118	December	157,959,252	189,174	55,489	24,481,705	142,474	55,489	(5,756,604)	89,451	(19,832)
119 13 Month Avg. (Lns 106 - 118)		157,959,252	189,174	55,489	23,702,504	140,716	55,489	(4,562,337)	96,290	(24,586)

120

121

122

123

124

Dec 12 Month

Depreciation Expense		
Transmission GSU	Distribution GSU	General GSU
3,057,459	3,518	-

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)
December		-			-	
January		-			-	
February		-			-	
March		-			-	
April		-			-	
May		-			-	
June		-			-	
July		-			-	
August		-			-	
September		-			-	
October		-			-	
November		-			-	
December		-			-	
13 Month Avg. (Lns 131 - 143)	-	-	-	-	-	-

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(i)-1(h)(6).

Gross Plant

FERC Form No. 1 reference	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 205 & 207 Ln. 58)	(page 206 & 207 Ln. 75)	(page 206 & 207 Ln. 90)	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	13 Month Avg. (Lns 1 - 13)	-	-	-	-	-	-	-	-
15	Less ARO (13 Month Avg)								
16	(1)								
17									
18	Adj Balance	-	-	-	-	-	-	-	-

Accumulated Depreciation and Amortization

FERC Form No. 1 reference	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)								
39	(1)								
40									
41	Adj Balance	-	-	-	-	-	-	-	-

42 Depreciation Expense

43
44
45 FERC Form No. 1
reference

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
47
48 Plant Adjustments (4)

49 Gross Plant

50
51
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
December			-			-			-				-			-
January			-			-			-				-			-
February			-			-			-				-			-
March			-			-			-				-			-
April			-			-			-				-			-
May			-			-			-				-			-
June			-			-			-				-			-
July			-			-			-				-			-
August			-			-			-				-			-
September			-			-			-				-			-
October			-			-			-				-			-
November			-			-			-				-			-
December			-			-			-				-			-
13 Month Avg. (Lns 54 - 66)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

68 Accumulated Depreciation

69
70
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
December			-			-			-				-			-
January			-			-			-				-			-
February			-			-			-				-			-
March			-			-			-				-			-
April			-			-			-				-			-
May			-			-			-				-			-
June			-			-			-				-			-
July			-			-			-				-			-
August			-			-			-				-			-
September			-			-			-				-			-
October			-			-			-				-			-
November			-			-			-				-			-
December			-			-			-				-			-
13 Month Avg. (Lns 73 - 85)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

87 Depreciation Expense

88
89
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
Dec 12 Month			-			-			-				-			-

91 ADIT

92
93
94
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
December			-			-			-				-			-
December			-			-			-				-			-
Proration Adjustment (5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOVFOY Avg (6)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

100
101
102

103 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
106 December									
107 January									
108 February									
109 March									
110 April									
111 May									
112 June									
113 July									
114 August									
115 September									
116 October									
117 November									
118 December									
119 13 Month Avg. (Lns 106 - 118)									

120	
121	Depreciation Expense
122	Transmission GSU Distribution GSU General GSU
123	
124 Dec 12 Month	

	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)
131 December			-			-	
132 January			-			-	
133 February			-			-	
134 March			-			-	
135 April			-			-	
136 May			-			-	
137 June			-			-	
138 July			-			-	
139 August			-			-	
140 September			-			-	
141 October			-			-	
142 November			-			-	
143 December			-			-	
144 13 Month Avg. (Lns 131 - 143)			-			-	

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 BOYEDY balance is reduced by the ADIT prorate adjustment in compliance with IRS regulation Section 1.167(j)-1(h)(6).
153 Note 7. FERC Form No.1, Page 356. Common Intangible includes Franchises and Purchased Software. Common General includes Accounts 389-398.1.
154 Note 8. FERC Form No.1, 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, 2019
Transmission O&M

Table 17
WP_C-1

Line No.	TRANSMISSION EXPENSES		Estimated Amounts				Actual Amounts			
			Reference	Non Labor	Labor	Total	Reference	Non Labor	Labor	Total
				Col. (a)	Col. (b)	Col. (c)		Col. (a)	Col. (b)	Col. (c)
OPERATION										
1	560	Supervision and Engineering	Company Records	2,086,507	6,389,648	8,476,155	321.83.b			-
2	561.1	Load Dispatching - Reliability	Company Records	1,277	1,013,809	1,015,086	321.85.b			-
3	561.2	Load Dispatching - Monitor & Operate Transmission System	Company Records	1,125,988	1,492,431	2,618,419	321.86.b			-
4	561.3	Load Dispatching - Transmission Service & Scheduling	Company Records	499	841,726	842,225	321.87.b			-
5	561.4	Scheduling, System Control & Dispatch Services	Company Records	220	-	220	321.88.b			-
6	561.5	Reliability, Planning and Standards Development	Company Records	180	-	180	321.89.b			-
7	561.6	Transmission Service Studies (1)	Company Records	-	-	-	321.90.b			-
8	561.7	Generation Interconnection Studies	Company Records	(271,808)	130,049	(141,759)	321.91.b			-
9	561.8	Reliability, Planning & Standards Development Services	Company Records	4,212,233	-	4,212,233	321.92.b			-
10	562	Station Expenses	Company Records	349,085	1,321,824	1,670,909	321.93.b			-
11	563	Overhead Line Expenses	Company Records	905,888	482,601	1,388,489	321.94.b			-
12	564	Underground Lines Expense	Company Records	122,612	5,652	128,264	321.95.b			-
13	565	Transmission of Electricity by Others	Company Records	17,303,860	51	17,303,911	321.96.b			-
14	566	Miscellaneous Transmission Expenses	Company Records	1,717,125	2,670,981	4,388,106	321.97.b			-
15	567	Rents	Company Records	3,393,467	1,157	3,394,624	321.98.b			-
16	Total Operation			30,947,133	14,349,929	45,297,062		-	-	-
17										
18	MAINTENANCE									
19	568	Supervision and Engineering	Company Records	22,754	208,728	231,482	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	2,182,425	2,534,786	4,717,211	321.107.b			-
26	571	Overhead Lines (2)	Company Records	4,100,695	345,752	4,446,447	321.108.b			-
27	572	Underground Lines	Company Records	27,052	42,758	69,810	321.109.b			-
28	573	Miscellaneous Transmission Plant	Company Records	768	-	768	321.110.b			-
29	Total Maintenance			6,333,694	3,132,024	9,465,718		-	-	-
30										
31	TOTAL TRANSMISSION			37,280,827	17,481,953	54,762,780		-	-	-
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	5,068,589	3,478,015	8,546,604		-	-	-

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.

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2019
Administrative and General Expenses

Table 18
WP_C-2

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	\$ 51,956,541	\$ -	\$ 51,956,541
2	921	Office supplies and expenses	Company Records	\$ 36,172,007	-	36,172,007
3	922	Administrative expenses transferred— Credit	Company Records	\$ (30,830,244)	-	(30,830,244)
4	923	Outside services employed	Company Records	\$ 20,125,071	-	20,125,071
5	924	Property insurance	Company Records	\$ 1,938,336	-	1,938,336
6	925	Injuries and damages	Company Records	\$ 4,008,593	-	4,008,593
7	926	Employee pensions and benefits (1)	Company Records	\$ 51,890,753	1,427,244	53,317,997
8	927	Franchise requirements	Company Records	\$ -	-	-
9	928	Regulatory commission expenses (2)	Company Records	\$ 8,756,308	(8,756,308)	-
10	929	Duplicate charges—Credit	Company Records	\$ (2,166,134)	-	(2,166,134)
11	930.1	General Advertising Expenses (3)	Company Records	\$ 2,505,440	(2,505,440)	-
12	930.2	Miscellaneous general expenses (4)	Company Records	\$ 3,212,078	(1,251,050)	1,961,028
13	931	Rents	Company Records	\$ 29,065,805	-	29,065,805
14	935	Maintenance of general plant	Company Records	\$ 594,330	-	594,330
15		Subtotal		\$ 177,228,884	\$ (11,085,554)	\$ 166,143,330
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	44,911		
		Service Company Allocation of Industry Association Dues	FF1, pg. 335, Line 12	1,206,139		
		Total Exclusion		\$ 1,251,050		

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		1,986,554	1,986,554
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		\$ -	\$ 1,986,554	\$ 1,986,554
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, 2019
Post-Employment Benefits Other than Pensions (FAS 106)

Table 19
WP_C-3

Line No.	Description	Total Expense	O&M \$	O&M Electric \$
		Col. (a)	Col. (b)	Col. (c)
1	Estimated Base Year 2019			
2				
3	PSCo Direct Expense	(6,777,000)	(4,429,161)	(2,846,961)
4	NSPM Allocated to PSCo	2,335,000	-	-
5	NSPW Allocated to PSCo	673,000	-	-
6	SPS Allocated to PSCo	(840,000)	-	-
7	XES - Allocated to PSCo	1,491,000	384,347	290,335
8				
9	Total	(3,118,000)	(4,044,814)	(2,556,626)
10				
11				
12	Estimated Amount Included in Account 926			
13				
14	PSCo Direct Expense	(6,777,000)	(4,429,161)	(2,846,961)
15	NSPM Allocated to PSCo	2,335,000	-	-
16	NSPW Allocated to PSCo	673,000	-	-
17	SPS Allocated to PSCo	(840,000)	-	-
18	XES - Allocated to PSCo	1,491,000	384,347	290,335
19				
20	Total	(3,118,000)	(4,044,814)	(2,556,626)
21				
22	Actual Base Year			
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)	-	-	-
48				
49	Notes:			
50	Once established in the true-up for the first Formula Rate Year that rates are in effect, the amount for Post-Employment Benefits Other than Pensions shall be the amount recovered in the formula rate until a change is accepted and permitted by FERC pursuant to a Section 205 filing (to be made annually to update the PBOP expense) or a Section 206 filing.			

Source: Employee Benefit Accounting PBOP analysis and actuarial study filed annually with the Commission.

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2019
Regulatory Commission Expense Detail (FERC Account 928)

Table 20
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, 2019
Taxes Other Than Income Tax

Table 21
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	\$ 13,310,765		-
6					
7	Real and personal property taxes			263.i	
8	Use tax			263.i	
9	Total taxes related to property (1)	Company Records	\$ 150,543,600		-
10					
11	Miscellaneous				
12		Company Records			
13					
14	Total TOTI	Line 5 plus Line 9 plus Line 12	\$ 163,854,365	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, 2019
Revenue Credits

Table 22
WP_E-1

Estimated				
Line No.	FERC	Description	Total	Adjusted Total
			Col. (a)	Col. (c)
1	454- Rent From Electric Property			
2	45400	Rental Income on Transmission Facilities	\$ 3,519,199	\$ 3,519,199
3	45400	Rental Income on Other Facilities	2,645,464	-
4	Total 454		\$ 6,164,663	\$ (2,645,464) \$ 3,519,199
5				
6	456- Other Electric Revenue			
7	456	Revenues from Schedule 18 Annual Interconnection Customer O&M Charge	\$ 571,365	\$ 571,365
8	456	Total Other Electric Revenue - (Other Than Schedule 18)	\$ 25,762,960	(25,762,960) -
9	Total 456- FERC Form No. 1 pg. 300 Ln 21		\$ 26,334,325	\$ (25,762,960) \$ 571,365
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	Adjusted Total
			Col. (a)	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		\$ -	\$ -

Estimate

[illegible]

Public Service Company of Colorado
Transmission Formula Rate Template
Account 456.1- Revenues from Transmission of Electricity of Others

Table 23
WP_F-1

Actuals																	
Line No.	Type	Description	Service Type	Divisor kW	Point to Point Transmission Schedules 7 & 8	Network Transmission Schedule 9	System Control & Dispatch Schedule 1	Supply & Voltage Control Schedule 2	Regulation and Frequency Schedule 3	and Frequency Schedule 3 & 3A-VER	and Frequency Schedule 3 & 3A-VER Non-VER	Network & Energy Imbalance Schedule 4	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)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
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33																	
34																	
35																	
36																	
37																	
38																	
39																	
40																	
41																	
42																	
43		Total (1)		0	0	0	0	0	0	0	0	0	0	0	0	0	0
44																	
45		Summarized by Type:															
46		Credit			0	0	0	0	0	0	0	0	0	0	0	0	0
47		Divisor			0	0	0	0	0	0	0	0	0	0	0	0	0
48		Ancillary			0	0	0	0	0	0	0	0	0	0	0	0	0
49		Other			0	0	0	0	0	0	0	0	0	0	0	0	0
50		Total (1)			0	0	0	0	0	0	0	0	0	0	0	0	0
51																	
52		Description of Revenue Types:															
53		Ancillary	Ancillary services includes regulation & frequency, control & dispatch, voltage control, reactive, spinning reserve, scheduling, and flex reserve.														
54		Divisor	Load associated with these revenues are included in the formula divisor.														
55		Credit	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 N ties to the balance of Account 456.1 as reported in the FERC Form 1.

Estimated			Form No.1													
Line No.	Description	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	4,900,000,000	4,900,000,000	4,900,000,000	4,900,000,000	4,900,000,000	5,500,000,000	5,100,000,000	5,100,000,000	5,100,000,000	5,100,000,000	5,100,000,000	5,100,000,000	5,100,000,000	5,053,846,154
3	Acct 223 Advances from Assoc. Compa	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 negat	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Total Long Term Debt	Sum Lines 1 - 5	4,900,000,000	4,900,000,000	4,900,000,000	4,900,000,000	4,900,000,000	5,500,000,000	5,100,000,000	5,100,000,000	5,100,000,000	5,100,000,000	5,100,000,000	5,100,000,000	5,100,000,000	5,053,846,154
7																
8	Preferred Stock (1)	112.3.c.d	0													-
9																
10	Common Equity- Per Books	112.16.c.d	6,316,548,693	6,378,160,021	6,423,906,770	6,416,844,590	6,441,828,486	6,468,728,919	6,427,209,824	6,502,411,189	6,578,066,822	6,536,001,559	6,560,250,286	6,598,505,066	6,545,389,959	6,476,450,168
11	Less Acct 204 Preferred Stock	112.3.c.d														
12	Income	112.15.c.d	(25,360,802)	(25,258,040)	(25,165,222)	(25,062,460)	(24,963,012)	(24,860,250)	(24,764,693)	(24,665,952)	(24,567,211)	(24,471,655)	(24,372,914)	(24,277,357)	(24,178,616)	(24,766,783)
13	Less Acct 216.1 Unappropriated Undistributed Subsidiary Earnings	112.12.c.d	(4,318,811)	(4,132,959)	(3,946,667)	(3,759,935)	(3,572,071)	(3,383,964)	(3,195,615)	(3,006,003)	(2,815,854)	(2,625,434)	(2,434,013)	(2,242,019)	(2,049,734)	(3,191,006)
14	Adjusted Common Equity	Ln 10 - 11 - 12 - 13	6,346,228,306	6,407,551,020	6,453,018,659	6,445,666,985	6,470,363,569	6,496,973,133	6,455,170,132	6,530,083,144	6,605,449,887	6,563,098,648	6,587,057,213	6,625,024,442	6,571,618,309	6,504,407,957
15																
16	Total (Line 6 plus Line 8 plus Line 14)		11,246,228,306	11,307,551,020	11,353,018,659	11,345,666,985	11,370,363,569	11,996,973,133	11,555,170,132	11,630,083,144	11,705,449,887	11,663,098,648	11,687,057,213	11,725,024,442	11,671,618,309	11,558,254,111
17																
18	Cost of Debt															
19	Acct 427 Interest on Long Term Debt	117.62.c														211,214,802
20	Acct 428 Amortization of Debt Discount and Expense	117.63.c														3,651,818
21	Acct 428.1 Amortization of Loss on Reacquired Debt	117.64.c														1,203,259
22	Acct 430 Interest on Debt to Assoc. Companies (LTD portion only) (2)	117.67.c														
23	Less: Acct 429 Amort of Premium on Debt	117.65.c enter negative	</													

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2019
Capital Structure Details

Table 24
WP_G-1

Actual																
Line No.	Description	Form No.1 Reference	December Col. (a)	January Col. (b)	February Col. (c)	March Col. (d)	April Col. (e)	May Col. (f)	June Col. (g)	July Col. (h)	August Col. (i)	September Col. (j)	October Col. (k)	November Col. (l)	December Col. (m)	13 Month Avg. Col. (n)
1	Long Term Debt:															
2	Acct 221 Bonds	112.18.c,d														-
3	Acct 223 Advances from Assoc. Compa	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	Preferred Stock (1)	112.3.c,d														-
8	Common Equity- Per Books	112.16.c,d														-
10	Less Acct 204 Preferred Stock	112.3.c,d														-
11	Less Acct 219 Accum Other Compre. In	112.15.c,d														-
12	Less Acct 216.1 Unappropriated															-
13	Undistributed Subsidiary Earnings	112.12.c,d														-
14	Adjusted Common Equity	Ln 10 - 11 - 12 - 13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Total (Line 6 plus Line 8 plus Line 14)		-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	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														
21	Acct 428.1 Amortization of Loss on Reacquired Debt	117.64.c														
22	Acct 430 Interest on Debt to Assoc. Companies (LTD portion only) (2)	117.67.c														
23	Less: Acct 429 Amort of Premium on Debt	117.65.c enter negative														
24	Less: Acct 429.1 Amort of Gain on Reacquired Debt	117.66.c enter negative														
25	Total Interest Expense	Sum Lines 19 - 24														-
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 Template
Twelve Months Ended December 31, 2017
Depreciation and Amortization Rates
Utility Plant, Regulatory Assets, & Regulatory Liabilities**

**Table 25
WP_H-1**

FERC Account Name	Depreciation/ Amortization Rate (%)
Regulatory Asset Amortization	
San Luis- Calumet-Comanche Transmission Line: The total O&M incurred associated with the project prior to the decision not to proceed, was \$2,625,528. The Wholesale share of 50% of this amount will be recovered in the formula rates over a 3 year period beginning with the effective date of the Formula Rate. The Wholesale share of the other 50% will be booked to Account No. 426.5 and absorbed by the Company.	36 Months
Mountain Pine Beetle: Amounts deferred from 2010 through 2012 will be amortized over a 3 year period beginning January 1, 2013. The total amount to be amortized is \$5,926,097.	36 Months
Regulatory Liability Amortization	
Technical Services Building- The gain on the sale of TSB will be amortized over a 24 month period beginning with the effective date of the Formula Rate.	24 Months
Electric Plant Acquisition Adjustment- Calpine Acquisition	
114 Transmission Serving Transmission Rocky Mountain Energy Center- Amortization of 55 years ending in 2065.	1.82
Electric Intangible	
302 Franchises and Consents	N/A ¹
303.40 Electric Intangible Software 3 Yr	33.33
303.40 Electric Intangible Software 5 Yr	20.00
303.40 Electric Intangible Software 10 Yr	10.00
303.40 Electric Intangible Software 15 Yr	6.67
Steam Production	
302 Franchises and Consents	3.33
302/303 Licenses	N/A ⁵
310.2 Steam Production Land Rights	2.00
310.3 Steam Production Water Rights	2.00
311 Structures and Improvements	
Cherokee 3	14.94
Cherokee 4	3.46
Cherokee C	8.72
Comanche 1	1.83
Comanche 2	1.54

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2017
Depreciation and Amortization Rates
Utility Plant, Regulatory Assets, & Regulatory Liabilities

Table 25
WP_H-1

FERC Account Name		Depreciation/ Amortization Rate (%)
	Comanche 3	2.01
	Comanche C	1.68
	Craig 1	1.55
	Craig 2	1.53
	Craig C	1.58
	Hayden 1	1.87
	Hayden 2	1.53
	Hayden C	2.51
	Pawnee 1	1.57
	Pawnee C	2.86
	Valmont 5	7.65
	Valmont C	7.16
	Zuni 2	3.99
	Zuni C	2.74
312	Boiler Plant Equipment	
	Cherokee 3	12.75
	Cherokee 3 AQIR	12.15
	Cherokee 4	3.75
	Cherokee 4 AQIR	7.20
	Cherokee C	8.97
	Cherokee C AQIR	8.69
	Comanche 1	2.17
	Comanche 2	2.01
	Comanche 3	2.01
	Comanche C	1.82
	Craig 1	1.66
	Craig 2	1.65
	Craig C	2.41
	Hayden 1	3.30
	Hayden 2	1.97
	Hayden C	2.85
	Pawnee 1	1.78
	Pawnee C	3.05
	Valmont 5	8.41
	Valmont 5 AQIR	8.07
	Valmont C	9.09
	Zuni 2	9.29
	Zuni C	3.43
312.2	Coal Cars	3.17
314	Turbogenerator Units	
	Cherokee 2 Synchronous Condenser	2.31
	Cherokee 3	9.97
	Cherokee 4	3.32
	Cherokee C	3.59

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2017
Depreciation and Amortization Rates
Utility Plant, Regulatory Assets, & Regulatory Liabilities

Table 25
WP_H-1

FERC Account Name		Depreciation/ Amortization Rate (%)
	Comanche 1	1.90
	Comanche 2	1.83
	Comanche C	2.57
	Comanche 3	2.01
	Craig 1	2.82
	Craig 2	1.62
	Craig C	1.66
	Hayden 1	2.30
	Hayden 2	1.69
	Hayden C	3.04
	Pawnee 1	1.70
	Pawnee C	2.42
	Valmont 5	9.22
	Valmont C	9.93
	Zuni 2	9.03
	Zuni C	2.09
315	Accessory Electric Equipment	
	Cherokee 2 Synchronous Condenser	3.32
	Cherokee 3	13.93
	Cherokee 4	3.35
	Cherokee C	8.05
	Comanche 1	1.71
	Comanche 2	1.81
	Comanche C	2.01
	Comanche 3	1.85
	Craig 1	1.62
	Craig 2	1.58
	Craig C	1.63
	Hayden 1	2.17
	Hayden 2	1.56
	Hayden C	2.77
	Pawnee 1	1.65
	Pawnee C	2.29
	Valmont 5	7.93
	Valmont C	7.93
	Zuni 2	0.35
	Zuni C	2.56
315.2	Boiler Controls	
	Cherokee 3	2.73
	Cherokee 4	6.04
	Cherokee C	5.31
	Comanche 1	4.02
	Comanche C	3.78
	Craig C	3.02

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2017
Depreciation and Amortization Rates
Utility Plant, Regulatory Assets, & Regulatory Liabilities

Table 25
WP_H-1

FERC Account Name		Depreciation/ Amortization Rate (%)
	Hayden 1	4.09
	Hayden 2	3.83
	Pawnee 1	3.09
	Pawnee C	2.78
	Valmont C	0.26
	Zuni C	7.66
316	Miscellaneous Power Plant Equipment	
	Cherokee 3	14.90
	Cherokee 4	4.67
	Cherokee C	10.38
	Comanche 1	1.51
	Comanche 2	1.49
	Comanche 3	2.01
	Comanche C	1.76
	Craig 1	1.58
	Craig 2	1.55
	Craig C	1.71
	Hayden 1	1.89
	Hayden 2	1.57
	Hayden C	2.56
	Pawnee 1	1.64
	Pawnee C	2.42
	Valmont 5	6.46
	Valmont C	5.13
	Zuni 2	0.00
	Zuni C	5.60
317	Asset Retirement Costs for Steam Production Plant	N/A ⁶
Hydraulic Production		
330	Hydro Production Land Rights	N/A ⁷
331	Structures and Improvements	
	Ames	1.49
	Cabin Creek	1.06
	Georgetown	1.70
	Salida	1.84
	Shoshone	1.68
	Tacoma	1.41
332	Reservoirs, Dams and Waterways	
	Ames	1.56
	Cabin Creek	1.09
	Georgetown	2.31
	Salida	1.59
	Shoshone	0.86
	Tacoma	1.38

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2017
Depreciation and Amortization Rates
Utility Plant, Regulatory Assets, & Regulatory Liabilities

Table 25
WP_H-1

FERC Account Name		Depreciation/ Amortization Rate (%)
333	Water Wheels, Turbines and Generators	
	Ames	0.94
	Cabin Creek	1.23
	Georgetown	1.03
	Salida	0.71
	Shoshone	1.78
	Tacoma	1.85
334	Accessory Electric Equipment	
	Ames	2.47
	Cabin Creek	1.43
	Georgetown	1.61
	Salida	2.04
	Shoshone	2.31
	Tacoma	1.80
334.2	Computers	1.32
335	Miscellaneous Power Plant Equipment	
	Ames	1.83
	Cabin Creek	1.71
	Georgetown	2.88
	Salida	3.69
	Shoshone	2.83
	Tacoma	1.93
335.2	Recreation Facility	
	Ames	2.36
	Cabin Creek	1.55
	Georgetown	2.27
	Salida	3.33
	Tacoma	1.66
336	Road, RR, Bridge	
	Ames	2.40
	Cabin Creek	1.07
	Salida	2.67
	Shoshone	1.12
	Tacoma	1.33
Other Production		
340	Other Production Land Rights	2.00
341	Structures and Improvements	
	Alamosa	4.63
	Blue Spruce 1	2.69
	Blue Spruce 2	2.69
	Blue Spruce C	2.69
	Cherokee 5-7	2.55 ¹¹
	Fruita CT	0.89

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2017
Depreciation and Amortization Rates
Utility Plant, Regulatory Assets, & Regulatory Liabilities

Table 25
WP_H-1

FERC Account Name		Depreciation/ Amortization Rate (%)
	FSV GT 1	1.44
	FSV GT 2	2.34
	FSV GT 3	2.34
	FSV GT 4	2.49
	FSV GT 5	2.56
	FSV GT 6	2.56
	FSV GT C	1.72
	Ft Lupton CT	2.56
	Misc PP&E	2.34
	Ponnequin Wind	6.67 ¹²
	Rocky Mtn 1	2.85
	Rocky Mtn 2	2.85
	Rocky Mtn 3	2.85
	Rocky Mtn C	2.85
	Valmont CT	0.82
342	Fuel Holders, Products and Accessories	
	Alamosa	1.04
	Blue Spruce 1	2.69
	Blue Spruce 2	2.69
	Blue Spruce C	2.69
	Cherokee 5-7	2.55 ¹¹
	Fruita CT	1.04
	FSV GT 1	2.48
	FSV GT 2	2.85
	FSV GT 3	2.89
	FSV GT 4	2.53
	FSV GT 5	2.56
	FSV GT 6	2.56
	FSV GT C	1.70
	Ft Lupton CT	3.89
	Ponnequin Wind	6.67 ¹²
	Rocky Mtn 1	2.85
	Rocky Mtn 2	2.85
	Rocky Mtn 3	2.85
	Rocky Mtn C	2.85
	Valmont CT	1.35
343	Prime Movers	
	Blue Spruce 1	2.69
	Blue Spruce 2	2.69
	Blue Spruce C	2.69
	Cherokee 5-7	2.55 ¹¹
	FSV GT 1	2.21
	FSV GT 2	2.32
	FSV GT 3	2.07

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2017
Depreciation and Amortization Rates
Utility Plant, Regulatory Assets, & Regulatory Liabilities

Table 25
WP_H-1

FERC Account Name		Depreciation/ Amortization Rate (%)
	FSV GT 4	2.07
	FSV GT 5	2.56
	FSV GT 6	2.56
	FSV GT C	2.73
	Ponnequin Wind	6.67 ¹²
	Rocky Mtn 1	2.85
	Rocky Mtn 2	2.85
	Rocky Mtn 3	2.85
	Rocky Mtn C	2.85
344	Generators	
	Alamosa	1.62
	Blue Spruce 1	2.69
	Blue Spruce 2	2.69
	Cherokee 5-7	2.55 ¹¹
	CO Wind Power	6.67
	Fruita CT	1.03
	FSV GT 1	1.42
	FSV GT 2	2.42
	FSV GT 3	2.73
	FSV GT 4	2.69
	FSV GT 5	2.56
	FSV GT 6	2.56
	FSV GT C	2.69
	Ft Lupton CT	4.03
	Ponnequin Wind	6.67 ¹²
	Rocky Mtn 1	2.85
	Rocky Mtn 2	2.85
	Rocky Mtn 3	2.85
	Valmont CT	1.90
	Wind to Hydrogen	6.67 ¹³
345	Accessory Electric Equipment	
	Alamosa	3.75
	Blue Spruce 1	2.69
	Blue Spruce 2	2.69
	Blue Spruce C	2.69
	Cherokee 5-7	2.55 ¹¹
	Fruita CT	4.20
	FSV GT 1	1.44
	FSV GT 2	2.21
	FSV GT 3	2.21
	FSV GT 4	2.54
	FSV GT 5	2.56
	FSV GT 6	2.56
	FSV GT C	2.70

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2017
Depreciation and Amortization Rates
Utility Plant, Regulatory Assets, & Regulatory Liabilities

Table 25
WP_H-1

FERC Account Name		Depreciation/ Amortization Rate (%)
	Ft Lupton CT	1.37
	Ponnequin Wind	6.67 ¹²
	Rocky Mtn 1	2.85
	Rocky Mtn 2	2.85
	Rocky Mtn 3	2.85
	Rocky Mtn C	2.85
	Valmont CT	4.55
345.2	Computers	
	FSV GT 1	1.71
	FSV GT 2	2.21
	FSV GT 3	2.21
	FSV GT C	2.20
346	Miscellaneous Power Plant Equipment	
	Alamosa	0.98
	Blue Spruce 1	2.69
	Blue Spruce 2	2.69
	Blue Spruce C	2.69
	Cherokee 5-7	2.55 ¹¹
	Fruita CT	1.13
	FSV GT 1	1.49
	FSV GT 2	1.88
	FSV GT 3	1.88
	FSV GT 4	2.52
	FSV GT 5	2.56
	FSV GT 6	2.56
	FSV GT C	2.63
	Ft Lupton	1.46
	Ponnequin Wind	6.67 ¹²
	Rocky Mtn 1	2.85
	Rocky Mtn 2	2.85
	Rocky Mtn 3	2.85
	Rocky Mtn C	2.85
	Valmont CT	4.84
347	Asset Retirement Costs for Other Production Plant	N/A ⁶
All Accounts	Cherokee 5-7 Combined Cycle	2.57 ¹¹
Electric Transmission		
350.2	Land Rights	1.03
352	Structures & Improvements	1.44
353	Station Equipment	1.78
354	Towers & Fixtures	1.18
355	Poles & Fixtures	1.64
356	OH Conductors & Devices	1.79

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2017
Depreciation and Amortization Rates
Utility Plant, Regulatory Assets, & Regulatory Liabilities

Table 25
WP_H-1

FERC Account	Name	Depreciation/ Amortization Rate (%)
357	UG Conduit	1.94
358	UG Conductors & Devices	1.88
359	Roads & Trails	0.97
Electric Distribution		
360.1	Land	
360.2	Land Rights	1.09
361	Structures & Improvements	1.71
361.1	Structures & Improvements-Production	1.71
362	Station Equipment	2.05
362.1	Station Equipment-Production	2.05
364	Poles, Towers & Fixtures	3.65
365	OH Conductors & Devices	3.31
366	UG Conduit	1.99
367	UG Conductors & Devices	2.05
368	Line Transformers	2.21
369	Services	2.33
369.1	Services-Overhead	2.33
369.2	Services-Underground	2.33
370	Meters	3.97
370.2	AMR Equipment	8.81 ¹⁰
371	Installation on Customer Premises	1.00
373	Street Lighting & Signal Systems	2.95
Electric General		
389	General Land Rights	N/A ²
390	Structures and Improvements	4.88
391	Office, Furniture and Equipment	4.75
391.2	Computer Hardware	20.00
392.1	Transportation Equipment - Autos	9.00
392.2	Transportation Equipment - Light Trucks	9.00
392.3	Transportation Equipment - Trailors	9.00
392.4	Transportation Equipment - Heavy Trucks	9.00
393	Stores Equipment	3.17
394	Tools Shop Equipment	3.80
395	Laboratory Equipment	9.50
396	Power Operated Equipment	9.00
397	Communications Equipment	6.67
397.3	Communications Equipment - EMS	6.67
398	Miscellaneous Equipment	5.00
Common Intangible		
302	Franchises and Consents – Non-Unitized	3.33
302	Franchises and Consents	N/A ³

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2017
Depreciation and Amortization Rates
Utility Plant, Regulatory Assets, & Regulatory Liabilities

Table 25
WP_H-1

FERC Account	Name	Depreciation/ Amortization Rate (%)
303.00	Electric Intangible Software 3 Yr	33.33
303.04	Electric Intangible Software 5 Yr	20.00
303.04	Electric Intangible Software 10 Yr	10.00
303.04	Electric Intangible Software 15 Yr	6.67
303.14	Electric Intangible Software - CRS	10.00
Common General		
389	General Land Rights	N/A ⁴
390.00	Structures and Improvements	3.14
390.08	Structures and Improvements - Partitions	3.80
390.07	Structures and Improvements-Leasehold Improvements	N/A ⁸
390.85	Structures and Improvements-1800 Larimer Lshld Improve	N/A ⁹
391.00	Office, Furniture and Equipment	4.75
391.04	Computers Hardware	20.00
391.05	Computers Hardware - 3 Year Life	33.33
392.1	Transportation Equipment - Autos	9.00
392.2	Transportation Equipment - Light Trucks	9.00
392.3	Transportation Equipment - Trailors	9.00
392.4	Transportation Equipment - Heavy Trucks	9.00
393	Stores Equipment	3.17
394	Tools Shop Equipment	3.80
395	Laboratory Equipment	9.50
396	Power Operated Equipment	9.00
397	Communications Equipment	6.67
398	Miscellaneous Equipment	5.00
		-

Notes:

The Depreciation Rates were approved in Docket ER08-224-000 and Docket ER11-2853 and will not change absent a 205 or 206 filing.

- 1 Electric Intangible Franchises are amortized over the life of the Franchise Agreement.
- 2 No Electric General Land Rights as of December 31, 2013. To the extent PSCo acquires land rights, PSCo will make a section 205 FPA filing for approval of the depreciation rates.
- 3 Common Intangible Franchises are amortized over the life of the Franchise Agreement.
- 4 No Common General Land Rights as of December 31, 2013. To the extent PSCo acquires land rights, PSCo will make a section 205 FPA filing for approval of the depreciation rates.
- 5 Licenses are amortized over the License term.

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2017
Depreciation and Amortization Rates
Utility Plant, Regulatory Assets, & Regulatory Liabilities

Table 25
WP_H-1

FERC Account Name	Depreciation/ Amortization Rate (%)
6 Asset Retirement Costs are not included in FERC-ONLY Depreciation Rates.	
7 There are no Hydro Land Rights as of December 31, 2013. To the extent PSCo acquires land rights, PSCo will make a section 205 FPA filing under the FPA for approval of the depreciation rates.	
8 Leasehold Improvements are amortized over the lease term.	
9 Leasehold Improvements amortized to the end of the lease term 6/2025.	
10 Account 370.2 AMR Equipment is fully depreciated. The approved rate is 8.81%	
11 The Cherokee 5-7 Combined Cycle is scheduled to go in service in December 2015. While an approved rate has not been established, for Cherokee 5-7, a depreciation rate of 2.55% was used in the forecast.	
12 Ponnequin Wind assets transferred in 2009 from Non-Utility to Electric Utility. Depreciation rates were utilized from Non-utility business for Other Production Wind assets.	
13 Wind to Hydrogen depreciation rates were utilized from Non-utility Wind prior to transfer to Electric Utility.	
390 Structures and Improvements-TSB	6.06
390 Structures and Improvements- Non-Unitized	6.06
390 1800 Larimer Leasehold Improvements	6.67
390.2 Partitions	3.80
391 Office, Furniture and Equipment	4.75
391 Leased Partitions	5.00
391 Computers 3 Year	33.35
391 Computers 5 Year	20.00
392 Transportation Equipment	9.00
393 Stores Equipment	3.17
394 Tools Shop Equipment	3.80
395 Laboratory Equipment	9.50
396 Power Operated Equipment	9.00
397 Communications Equipment	6.67
398 Miscellaneous Equipment	5.00

Notes:

The Depreciation Rates were approved in Docket ER08-224-000 and Docket ER11-2853 and will not change absent a 205 or 206 filing.

- 1 Electric Intangible Franchises are amortized over the life of the Franchise Agreement.

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2017
Depreciation and Amortization Rates
Utility Plant, Regulatory Assets, & Regulatory Liabilities

Table 25
WP_H-1

FERC Account Name	Depreciation/ Amortization Rate (%)
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 Common Intangible Franchises are amortized over the life of the Franchise Agreement.	
4 No Common 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.	
5 Licenses are amortized over the License term.	
6 Asset Retirement Costs are not included in FERC-only Depreciation Rates.	
7 There are no Hydro Land Rights as of December 31, 2010. To the extent PSCo acquires land rights, PSCo will make a section 205 FPA filing under the FPA for approval of the depreciation rates.	

Public Service Company of Colorado
Transmission Formula Rate Template
Twelve Months Ended December 31, 2019
Transmission System Peak Demand Summary

Table 26
WP_I-1

Estimated System Peak Demand Summary

Line No.	System Peak Date & Time	Generation Peak kW	Delete Generation Step-up Loss at Peak kW	Delete TIE Agmt Sales Load At Peak kW	Add Comanche 3 IREA at Peak kW	Add 3rd Party Transmission Network Load kW	Add Transmission Reserved Capacity kW	Transmission Peak kW
		Col. (a)	Col. (b)	Col. (c)	Col. (d)	Col. (e)	Col. (f)	Col. (g)
1	Jan-18	5,112,925	(6,620)	(146,932)	194,053	352,154	223,510	5,729,090
2	Feb-18	4,980,256	(7,400)	(173,268)	194,053	341,432	223,510	5,558,582
3	Mar-18	4,650,693	(6,650)	(141,487)	194,053	338,756	223,510	5,258,874
4	Apr-18	4,259,226	(3,780)	(103,751)	190,000	296,268	223,510	4,861,473
5	May-18	4,794,425	(5,620)	(44,570)	190,000	341,727	223,510	5,499,472
6	Jun-18	6,146,590	(6,580)	(54,536)	190,000	442,924	223,510	6,941,908
7	Jul-18	6,479,534	(7,070)	(56,173)	190,000	436,458	223,510	7,266,260
8	Aug-18	6,168,376	(7,670)	(59,324)	190,000	426,573	223,510	6,941,466
9	Sep-18	5,594,593	(8,090)	(45,206)	190,000	396,903	223,510	6,351,710
10	Oct-18	4,490,358	(4,860)	(61,852)	194,053	310,363	223,510	5,151,572
11	Nov-18	4,875,892	(5,590)	(129,516)	194,053	345,045	223,510	5,503,393
12	Dec-18	5,330,031	(5,650)	(173,560)	194,053	373,788	223,510	5,942,172
13	12 Month Total	62,882,899	(75,580)	(1,190,174)	2,304,318	4,402,391	2,682,120	71,005,973
14								
15	12 Month Average	5,240,242	(6,298)	(99,181)	192,027	366,866	223,510	5,917,166

Actual System Peak Demand Summary

Line No.	System Peak Date & Time	Transmission Peak kW (1)	Delete TIE Agmt Sales Load At Peak kW	Delete Company Use kW	Transmission Peak kW
		Col. (a)	Col. (b)	Col. (c)	Col. (d)
1	Jan-18				-
2	Feb-18				-
3	Mar-18				-
4	Apr-18				-
5	May-18				-
6	Jun-18				-
7	Jul-18				-
8	Aug-18				-
9	Sep-18				-
10	Oct-18				-
11	Nov-18				-
12	Dec-18				-
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 27
Schedule 1

Line No.	Description	Reference	Amount
1	A. Schedule 1 - Estimated ARR for Billing Period 01/01/2019 to 12/31/2019		
2	Total Load Dispatch and Scheduling (Account 561)	WP_C-1 Lines 2 through 9	\$8,546,604
3	Less: Scheduling, System Control & Dispatch Services (Account 561.4)	WP_C-1 Line 5	(\$220)
4	Less: Reliability, Planning and Standards Development (Account 561.5)	WP_C-1 Line 6	(\$180)
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	\$141,759
7	Less: Reliability, Planning & Standards Development Services (Account 561.8)	WP_C-1 Line 9	(\$4,212,233)
8	Total 561 Costs for Projected Schedule 1 ARR	Sum Lines 2 through 7	\$4,475,730
9			
10	Less: Schedule 1 Point to Point Estimated Revenues	WP_F-1 Line 42	\$625,146
11			
12	Estimated Schedule 1 ARR	(Ln 8 - Ln 10)	\$3,850,584
13			
14			
15	B. Schedule 1 Estimated Rate Calculations		
16	Estimated Average 12-Mo. Demand	WP_I-1 Line 15	5,917,166 kW
17			
18	Monthly Point to Point Rate in \$/kW - Month	((Line 12 /Line 16) /12)	\$0.054 kW
19	Weekly Point to Point Rate in \$/kW - Weekly	((Line 12 /Line 16) /52)	\$0.013 kW
20	Daily Point to Point Rate in \$/kW - Day	((Line 12 /Line 16) /365)	\$0.002 kW
21	Hourly Point to Point Rate in \$/mW - Hourly	((Line 12 /Line 16) /8760 * 1000)	\$0.074 mW
22			
23			
24			
25	C. Schedule 1 - Actual ARR for the Billing Period 01/01/2019 to 12/31/2019		
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 28
Schedule 2

Line No	Description	Amount	Reference/Notes
1	Annual Cost of Reactive Power Equipment		
2	Acct 314 Steam Turbogenerators	404,899,863	Most recent FF1, Pg 205, Ln 12
3	Acct 344 CT Generators	1,280,172,345	Most recent FF1, Pg 205, Ln 41
4	Subtotal of Production Accounts 314 & 344	\$1,685,072,208	Line 2 + Line 3
5	Percent of Production Plant for Dual Use	20%	Fixed Value
6	Dual use of Production Accounts 314 & 344	\$337,014,442	Line 4 * Line 5
7	Generation Step Ups	\$57,140,980	Most recent FF1, Footnote, Page 204, Line 58
8	Total Dual Use Production Plant	\$394,155,422	Line 6 + Line 7
9	Dual Use Plant Alloc. To Reactive Power	\$99,332,458	Line 34 * Line 8
10	Fixed Charge Rate (including O&M) for all Production Plant	0.1383	WP_FCR Line 21
11	Annual Cost of Reactive Power Equipment	\$13,741,652	Line 9 * Line 10
12	Revenue Requirement for Real Power losses related to reactive power equipment		
13	Total Production Plant Investment	\$5,220,419,220	WP_FCR Line 50
14	Less: Dual Use Plant Alloc. To Reactive Power	\$99,332,458	Line 9
15	Net Production Plant	\$5,121,086,762	Line 13 - Line 14
16	Fixed Charge Rate (including O&M) for all Production Plant	0.1383	WP_FCR Line 21
17	Total Production Plant Revenue Requirement including O&M	\$708,451,143	Line 15 * Line 16
18	Real Power Losses	0.15%	Fixed Value
19	Revenue Requirement for Real Power losses related to reactive power equipment	\$1,062,677	Line 17 * Line 18
20	Total Revenue Requirement for Reactive Power	\$14,804,329	Line 11 + Line 19
21	Average of 12 Month Coincident Peaks	5,867,958	Prior Year's True-up Formula Template
22	Rates		
23	Annual Reactive Power Charge	\$2.523	\$ per kW - Year (Line 20 / Line 21)
24	Monthly Point-to-Point Delivery	\$0.210	\$ per kW - Month (Line 23 / 12)
25	Weekly Point-to-Point Delivery	\$0.049	\$ per kW - Week (Line 23 / 52)
26	Daily Point-to-Point Delivery On-Peak	\$0.008	\$ per kW - day (Line 25 / 6)
27	Daily Point-to-Point Delivery Off-Peak	\$0.007	\$ per kW - day (Line 25 / 7)
28	Hourly Point-to-Point Delivery On-Peak	\$0.500	\$ per MWh ((Line 26 / 16) X 1000)
29	Hourly Point-to-Point Delivery Off-Peak	\$0.292	\$ per MWh ((Line 27 / 24) X 1000)
30	Network Integration Delivery	\$0.210	\$ per kW - Month (Line 23)
31	PSCO Total Rated Capacity =	7,869,309	kVA
32	PSCO Total Generator Net Max. =	6,805,367	kW
33	PSCO Total VAR Rating =	3,950,467	kVAR
34	% of Plant dedicated to VAR Production is = (kVAR^2 / kVA^2) X 100 =		25.2013%

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. (a)	col. (b)	col. (c)	col. (d)	col. (e)	col. (f)	col. (g)
1	Arapahoe		1.9%	0.00	0.00	0.00	0.00
2	Cherokee		6.9%	1,323.08	15.75	150.46	11.49
3	Comanche		9.0%	962.02	18.37	109.40	11.47
4	Craig		0.0%	1,374.67	42.54	156.33	0.00
5	Hayden		2.2%	730.93	16.36	83.12	2.17
6	Pawnee		9.4%	1,708.71	31.67	194.31	21.19
7	Valmont 5		2.5%	0.00	0.00	0.00	0.00
8	Zuni		0.0%	0.00	0.00	0.00	0.00
9	Alamosa		0.0%	181.72	4.85	20.67	0.00
10	Fort Lupton		0.3%	136.60	0.53	15.53	0.01
11	Fruita		0.0%	130.03	0.68	14.79	0.00
12	Valmont 6		0.0%	177.13	3.81	20.14	0.01
13	Fort St. Vrain 1-4		25.5%	502.16	7.80	57.10	16.38
14	Fort St. Vrain 5-6		2.0%	596.96	1.60	67.89	1.41
15	Blue Spruce		5.5%	560.52	3.64	63.74	3.72
16	Rocky Mountain		23.4%	596.21	12.98	67.80	18.93
17	Cabin Creek		6.1%	205.41	16.33	23.36	2.43
18	Brush Cogeneration Partners (Brush 1&3) PP		0.3%	58.36	0.00	6.64	0.02
19	Brush Cogeneration Partners (Brush 4) PP		0.4%	75.08	0.00	8.54	0.04
20	Colorado Energy Management LLC (Manch) PP		1.9%	64.62	0.00	7.35	0.14
21	Plains End LLC PP		1.4%	102.12	0.00	11.61	0.16
22	Spindle Hill PP		1.2%	76.79	0.00	8.73	0.10
23							
24							
25		100.0%				Total Reg/LF cost (\$/kW)	89.70
26						losses	0.00%
27						Annual Cost (\$/MW)	89,708
28		Load	Non-VER	VER			
29	Required Capacity (1)	79.88	19.17	46.57			
30	Divisor (1)	6,268	7,883	2,251			
31	Reserve obligation (Line 29/ Line 30)	1.27%	0.24%	2.07%			
32	Rate (\$/kW/Yr)	\$ 89.70	\$ 89.70	\$ 89.70			
33	Monthly (\$/kW/Mo)	\$ 7.475	\$ 7.475	\$ 7.475			
34	Weekly (\$/kW/Wk)	\$ 1.725	\$ 1.725	\$ 1.725			
35	Daily On Peak (\$/MW/Day)	\$ 287.513	\$ 287.513	\$ 287.513			
36	Daily Off Peak (\$/MW/Day)	\$ 246.440	\$ 246.440	\$ 246.440			
37	Hourly On Peak (\$/MW/hr)	\$ 17.970	\$ 17.970	\$ 17.970			
38	Hourly Off Peak (\$/MW/hr)	\$ 10.268	\$ 10.268	\$ 10.268			
39	Network Integrated Delivery(\$/kW/Mo)	\$ 7.475	\$ 7.475	\$ 7.475			
40	Ancillary Service Delivery(\$/kW/Mo)	\$ 7.475	\$ 7.475	\$ 7.475			

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)	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	\$ -	\$ 394,155,422	0.00000000	\$ -	\$ -	0	0.1383	\$ -	0
2	Cherokee 5,6,7	\$ 584,085,544	394,155,422	0.11431725	45,058,762	539,026,782	1	0.1383	74,568,965	625,600
3	Comanche	\$ 1,573,184,010	394,155,422	0.30790364	121,361,887	1,451,822,123	1	0.1383	200,845,072	1,635,300
4	Craig	\$ 119,458,463	394,155,422	0.02338042	9,215,517	110,242,946	0	0.1383	-	0
5	Hayden	\$ 340,169,062	394,155,422	0.06657790	26,242,041	313,927,021	1	0.1383	43,428,664	465,390
6	Pawnee	\$ 943,770,528	394,155,422	0.18471480	72,806,342	870,964,186	1	0.1383	120,489,186	552,330
7	Valmont 5	\$ 17,967,641	394,155,422	0.00351663	1,386,098	16,581,543	0	0.1383	-	0
8	Zuni	\$ -	394,155,422	0.00000000	-	-	0	0.1383	-	0
9	Alamosa	\$ 9,682,109	394,155,422	0.00189498	746,918	8,935,191	1	0.1383	1,236,094	53,280
10	Fort Lupton	\$ 13,769,368	394,155,422	0.00269494	1,062,226	12,707,142	1	0.1383	1,757,906	100,800
11	Fruita	\$ 3,463,907	394,155,422	0.00067796	267,220	3,196,687	1	0.1383	442,230	26,640
12	Valmont 6	\$ 10,504,083	394,155,422	0.00205586	810,328	9,693,755	1	0.1383	1,341,034	59,300
13	Fort St. Vrain 1-4	\$ 435,795,594	394,155,422	0.08529393	33,619,065	402,176,529	1	0.1383	55,637,101	867,850
14	Fort St. Vrain 5-6	\$ 167,448,457	394,155,422	0.03277302	12,917,663	154,530,794	1	0.1383	21,377,790	280,500
15	Blue Spruce	\$ 222,975,557	394,155,422	0.04364078	17,201,252	205,774,305	1	0.1383	28,466,817	397,800
16	Rocky Mountain	\$ 408,461,274	394,155,422	0.07994406	31,510,383	376,950,891	1	0.1383	52,147,386	685,100
17	Cherokee 3,4	\$ 196,980,028	394,155,422	0.03855294	15,195,850	181,784,178	1	0.1383	25,148,023	505,800
18	Cabin Creek	\$ 61,623,226	394,155,422	0.01206090	4,753,869	56,869,357	1	0.1383	7,867,307	300,000
19	TOTAL:	\$ 5,109,338,851		1.00000000	\$ 394,155,422	\$ 4,715,183,429			\$ 634,753,576	6,555,690

(1) WP_Cost per Unit
(2) Schedule 2 Line 8
(3) 1 = Yes; 2 = No
(4) WP_FCR Line 21

\$96.825 per kW year (Col. (h) Ln 19 / Col. (i) Ln 19)

\$8.069 per kW month (Line 21 / 12)

\$1.862 per kW week (Line 21 / 52)

\$0.310 per kW day (Line 23 / 6)

\$0.266 \$ per kW - day (Line / 7)

\$19.375 per MWh ((Line 24 / 16) X 1000)

\$11.083 \$ per MWh ((Line 27 / 24) X 1000)

\$8.069 per kW month (Line 22)

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	\$ -	\$ 394,155,422	0.00000000	\$ -	\$ -	0	0.1383	\$ -	0
2	Cherokee 5,6,7	584,085,544	394,155,422	0.11431725	45,058,762	539,026,782	0	0.1383	-	0
3	Comanche	1,573,184,010	394,155,422	0.30790364	121,361,887	1,451,822,123	0	0.1383	-	0
4	Craig	119,458,463	394,155,422	0.02338042	9,215,517	110,242,946	0	0.1383	-	0
5	Hayden	340,169,062	394,155,422	0.06657790	26,242,041	313,927,021	0	0.1383	-	0
6	Pawnee	943,770,528	394,155,422	0.18471480	72,806,342	870,964,186	0	0.1383	-	0
7	Valmont 5	17,967,641	394,155,422	0.00351663	1,386,098	16,581,543	0	0.1383	-	0
8	Zuni	-	394,155,422	0.00000000	-	-	0	0.1383	-	0
9	Alamosa	9,682,109	394,155,422	0.00189498	746,918	8,935,191	1	0.1383	1,236,094	53,280
10	Fort Lupton	13,769,368	394,155,422	0.00269494	1,062,226	12,707,142	1	0.1383	1,757,906	100,800
11	Fruita	3,463,907	394,155,422	0.00067796	267,220	3,196,687	1	0.1383	442,230	26,640
12	Valmont 6	10,504,083	394,155,422	0.00205586	810,328	9,693,755	1	0.1383	1,341,034	59,300
13	Fort St. Vrain 1-4	435,795,594	394,155,422	0.08529393	33,619,065	402,176,529	0	0.1383	-	0
14	Fort St. Vrain 5-6	167,448,457	394,155,422	0.03277302	12,917,663	154,530,794	0	0.1383	-	0
15	Blue Spruce	222,975,557	394,155,422	0.04364078	17,201,252	205,774,305	0	0.1383	-	0
16	Rocky Mountain	408,461,274	394,155,422	0.07994406	31,510,383	376,950,891	0	0.1383	-	0
17	Cherokee 3,4	196,980,028	394,155,422	0.03855294	15,195,850	181,784,178	0	0.1383	-	0
18	Cabin Creek	61,623,226	394,155,422	0.01206090	4,753,869	56,869,357	1	0.1383	7,867,307	300,000
19	TOTAL:	<u>\$ 5,109,338,851</u>		<u>1.000000000</u>	<u>\$ 394,155,422</u>	<u>\$ 4,715,183,429</u>			<u>\$ 12,644,571</u>	<u>540,020</u>

Notes:

(1) WP_Cost per Unit

(2) Schedule 2 Line 8

(3) 1 = Yes; 2 = No

(4) WP_FCR Line 21

Average Generation Unit Cost to Provide Service

\$23.415 per kW year (Col. (h) Ln 19 / Col. (i) Ln 19)

Monthly Point-to-Point Delivery

\$1.951 per kW month (Line 21 / 12)

Weekly Point-to-Point Delivery

\$0.450 per kW week (Line 21 / 52)

Daily Point-to-Point Delivery On-Peak

\$0.075 per kW day (Line 23 / 6)

Daily Point-to-Point Delivery Off-Peak

\$0.064 \$ per kW - day (Line / 7)

Hourly Point-to-Point Delivery On-Peak

\$4.688 per MWh ((Line 24 / 16) X 1000)

Hourly Point-to-Point Delivery Off-Peak

\$2.667 \$ per MWh ((Line 27 / 24) X 1000)

Network Integration Delivery

\$1.951 per kW month (Line 22)

Public Service Company of Colorado
Transmission Formula Rate Template
Fixed Charge Rate Worksheet ("FCR")
12 Months Ended December 31, 2017

Table 32
WP_FCR

<u>Line No.</u>	<u>Production</u>	<u>Reference</u>
1 (1) O&M	0.02462	Line 56
2		
3 (2) Other Taxes	0.01135	Line 69
4		
5 (3) A&G	0.01440	Line 83
6		
7 (4) Return (1)	0.07320	Line 132
8		
9 (5) Depreciation (1)	0.00392	Line 147
10		
11 (6) Composite Income Tax	0.02467	Line 151
12		
13 (7) General & Intangible Plant	0.00271	Line 172
14		
15 (8) Cash Working Capital	0.00000	Line 178
16		
17 (9) ADIT Adjustment	-0.01679	Line 199
18		
19 (10) Materials & Supplies	0.00026	Line 212
20		
21 FIXED CHARGE RATE	0.13834	
22		
23 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, 2017

Table 32
WP_FCR

24			
25	(1) O&M Expense:	Reference	\$ Amount
26			
27	A. Total Power Production Expenses	Pg 321, Ln 80b	1,410,588,509
28			
29			
30	B. Purchased Power Expenses (Acct. 555)	Pg 321.76b	727,417,260
31			
32			
33	C. Energy Related O&M		
34	Account 501	Pg 320, Ln 5b	275,266,168
35	Account 503	Pg 320, Ln 7b	0
36	Account 504	Pg 320, Ln 8b	0
37	Account 505	Pg 320, Ln 12b	0
38	Account 510	Pg 320, Ln 15b	5,341,576
39	Account 512	Pg 320, Ln 17b	26,381,300
40	Account 513	Pg 320, Ln 18b	7,542,755
41	Account 518	Pg 320, Ln 25b	0
42	Account 528	Pg 320, Ln 35b	0
43	Account 530	Pg 320, Ln 37b	0
44	Account 531	Pg 320, Ln 38b	0
45	Account 544	Pg 320, Ln 56b	245,187
46	Account 547	Pg 321, Ln 63b	237,168,259
47	Total C	Sum Line 34 - Line 46	551,945,245
48			
49	D. Total Production Plant Investment		
50	Total Production Plant	Pg 205, Ln 46g	5,220,419,220
51	Less: Production ARO	Pg 205, Ln 15g	52,346,463
52	Plus Generator Step Ups	Schedule 2 Line 7	57,140,980
53			
54	Total D	Sum Line 50 - Line 52	5,329,906,663
55			
56	Production O&M FCR	(A-B-C)/D =	0.02462
57			
58	(2) OTHER TAXES EXPENSE		
59			
60	A. Other Taxes (Electric Only)	Pg 115, Ln 14g	152,024,123
61			
62	B. Total Electric Plant in Service		
63	Electric Plant in Service (Less ARO)	Pg 207, Ln 100g	12,508,982,953
64	Less ARO	Pg 207, Ln 15, Ln 34 Ln 44, Ln 57, Ln 74, Ln 83, Ln 98	65,359,426
65	Common Electric Plant in Service	Pg 356	592,850,778
66	Plus Total Acquisition Adjustment	WP_B-4 Line 15 ,Col. (d)	225,557,122
67	Total Electric Plant in Service	Sum Line 63 - Line 66	13,392,750,279
68			
69	Other Taxes FCR	A/B	0.01135
70			
71	(3) A&G EXPENSE		
72			
73	A. Production Wages Expense	Pg 354, Ln 20b	60,945,610
74			
75	B. A&G Wages Expense	Pg 323, Ln 181b	51,956,541
76			
77	C. Total Wages Expense	Pg 354, Ln 28b	192,693,691
78			
79	D. Total A&G related O&M	Pg 323, Ln 197b	177,228,884
80			
81	E. Total Production Plant Investment	Line 54	5,329,906,663
82			
83	A&G Expense FCR	(A/(C-B))*D/E	0.01440
84			

Public Service Company of Colorado
Transmission Formula Rate Template
Fixed Charge Rate Worksheet ("FCR")
12 Months Ended December 31, 2017

Table 32
WP_FCR

85	(4) RATE OF RETURN WORKSHEET	Reference	\$ Amount
86			
87			
88	A. Common Equity Calculation		
89			
90	Proprietary Capital	Pg 112 Ln 16c	5,828,323,189
91			
92	Less: Preferred Stock Issued	Pg 112 Ln 3c	0
93			
94	Less: Account No. 216.1	Pg 112 Ln 12c	-4,798,395
95			
96	Less: Accum other comprehensive Income	Pg 112 Ln 15	-26,731,863
97			
98	Common Equity =	Line 90 - 92 - 94 - 96	5,859,853,447
99			
100	B. Rate of Return Calculation		
101			
102	Long Term Debt	pg.112, sum of 18c thru 21c	4,500,000,000
103			
104	Preferred Stock	(Pg.112 Ln 3c)	0
105			
106	Common Equity	Line 98	5,859,853,447
107			
108	Total Capital =	Line 102 + 104 + 106	10,359,853,447
109			
110	C. Cost of Debt		
111	Interest on Long Term Debt	Pg 117 Ln 62c	183,569,927
112	Interest on Debt to Assoc. Companies (LTD portion only)	Pg 117 Ln 67c	856,580
113	Amortization of Debt Discount and Expense	Pg 117 Ln 63c	3,547,335
114	Amortization of Loss on Reacquired Debt	Pg 117 Ln 64c	1,203,259
115	Less: Amort of Premium on Debt	Pg 117 Ln 65c	0
116	Less: Amort of Gain on Reacquired Debt	Pg 117 Ln 66c	0
117	Total Interest Expense		189,177,101
118			
119	Average Cost of Debt (Line 117 / Line 102)		4.20%
120			
121	D. Cost of Preferred Stock		
122	Preferred Stock Dividends	Pg 118 Ln 29c	0
123			
124	Average Cost of Preferred Stock (Line 122 / Line 104)		0
125			
126			
127			
128			
129	Long Term Debt	Amount %	Weighted Cost Of Capital %
130	Preferred Stock	\$0 0.00%	1.82%
131	Common Equity (1)	\$5,859,853,447 56.56%	0.00%
132	Total	\$10,359,853,447 100%	5.50%
133			
134			

CAPITAL STRUCTURE

	Amount	%	%	Weighted Cost Of Capital %
Long Term Debt	\$4,500,000,000	43.44%	4.20%	1.82%
Preferred Stock	\$0	0.00%	0.00%	0.00%
Common Equity (1)	\$5,859,853,447	56.56%	9.72%	5.50%
Total	\$10,359,853,447	100%	ROR=	7.32%

Public Service Company of Colorado
Transmission Formula Rate Template
Fixed Charge Rate Worksheet ("FCR")
12 Months Ended December 31, 2017

Table 32
WP_FCR

135			
136			
137	(5) DEPRECIATION EXPENSE	Reference	\$ Amount
138			
139	Production Depreciation Expense	Pg 336 Lns 2-6b	125,582,149
140			
141	Total Production Plant Investment	Line 54	5,329,906,663
142			
143	SLDp =	Line 139 / 141	0.02356
144			
145	n =	1 / Line 143	42.442
146			
147	SFDp =	$R/(1+R)^n-1$	0.00392
148			
149	(6) COMPOSITE INCOME TAX EXPENSE		
150			
151	Production CIT=		0.02467
152	Formula: $(35/65+State\ Tx)/(1-State\ Tx)*(ROR+SFD-SLD)*(1-Wtd.LTD/ROR)$		
153	State Tax Rate	0.0463	
154			
155			
156			
157			
158			
159			
160			
161			
162	(7) General & Intangible Plant		
163			
164	Production Wages Expense	Line 73	60,945,610
165	Total Wage Expense Less A&G Wage expenses	Line 77 - Line 75	140,737,150
166	Production W/S Allocator	Line 164 / Line 165	43.30%
167	General & Intangible plant	Pg 205 and 207, Lns5G + 96 G	345,543,313
168	General & Intangible plant allocated to Production	Line 166 * Line 167	149,636,027
169	Revenue Requirement FCR	Line 3 + 7 + 9 + 11 + 17 + 19	9.661%
170	General & Intangible Plant Revenue Requirement	Line 168 * Line 169	14,456,652
171	Total Production Plant Investment	Line 50	5,329,906,663
172	General & Intangible Plant FCR	Line 170 / Line 171	0.00271
173			
174			
175			
176	(8) Cash Working Capital		
177			
178	Cash Working Capital will be set at and remain \$0 until such time as PSCo files and receives FERC approval.		
179			
180			
181	(9) ACCUMULATED DEFERRED INCOME TAX		
182			
183	Total Production plant	Line 54	5,329,906,663
184	Total Electric Plant	Line 67	13,392,750,279
185	Accumulated Deferred Income Tax		
186	Account 190	Pg 234 Ln 2c + 3c	484,085,568
187	Account 281	Pg 273 Ln 4k	-139,487,480
188	Account 282	Pg 275 Ln 2k	-2,546,883,747
189	Account 283	Pg 277 Ln 9k	-95,758,928
190	Total ADIT		-2,298,044,587
191			
192	A. Production share of ADIT	(Line 183 / 184) * Line 190	(914,551,746)
193			
194			
195	B. Return and Taxes	Line 7 + 11	9.787%
196			
197	C. Production Plant (plus step ups)		5,329,906,663
198			
199	(A x B) / C =		(0.016794)
200			
201	(10) Materials & Supplies		
202			
203			
204			
205	A. Total Non-Fuel M&S	Pg 227 Ln 7	45,044,449
206	B. ROR	Line 132	7.32%
207	C. Return on M&S	Line 205 * 206	3,297,254
208	D. Total Prod Plnt	Line 50	5,220,419,220
209			
210	E. Total Plnt in Service	Line 63	12,508,982,953
211	F. % of Prod Plant	Line 208 / 210	0.4173
212	G. Prod M&S Factor	(Line 207 * 211) / Line 208	0.00026

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	Arapahoe	\$0	0	0.00000	\$ -	\$0
2	Cherokee 5,6,7	\$584,085,544	625600	0.09154	\$ 3,779,170	\$587,864,714
3	Comanche	\$1,573,184,010	1635300	0.23928	\$ 9,878,521	\$1,583,062,531
4	Craig	\$119,458,463	86900	0.01272	\$ 525,137	\$119,983,600
5	Hayden	\$340,169,062	465390	0.06810	\$ 2,811,465	\$342,980,527
6	Pawnee	\$943,770,528	552330	0.08082	\$ 3,336,602	\$947,107,130
7	Valmont 5	\$17,967,641	191680	0.02805	\$ 1,158,026	\$19,125,667
8	Zuni	\$0	0	0.00000	\$ -	\$0
9	Alamosa	\$9,682,109	53280	0.00780	\$ 322,018	\$10,004,127
10	Fort Lupton	\$13,769,368	100800	0.01475	\$ 608,944	\$14,378,312
11	Fruita	\$3,463,907	26640	0.00390	\$ 161,009	\$3,624,916
12	Valmont 6	\$10,504,083	59300	0.00868	\$ 358,348	\$10,862,431
13	Fort St. Vrain 1-4	\$435,795,594	867850	0.12699	\$ 5,242,700	\$441,038,294
14	Fort St. Vrain 5-6	\$167,448,457	280500	0.04104	\$ 1,694,310	\$169,142,767
15	Blue Spruce	\$222,975,557	397800	0.05821	\$ 2,403,162	\$225,378,719
16	Rocky Mountain	\$408,461,274	685100	0.10024	\$ 4,138,344	\$412,599,618
17	Cherokee 3,4	\$196,980,028	505800	0.07401	\$ 3,055,455	\$200,035,483
18	Cabin Creek	\$61,623,226	300000	0.04390	\$ 1,812,383	\$63,435,609
19	Total	\$5,109,338,851	6,834,270	1.00000	\$ 41,285,595	\$ 5,150,624,446
20	Non VAR Related Percent (1- Schedule 2 Line 26)				72.250%	
21	GSU's (Schedule 2, Line 7)				57,140,980	
22	Recoverable Non VAR GSU (Line 19 * Line 20)				41,284,356	

(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
Hourly Demand Data from Form 714 page 9a

Table 34
WP_Load Factor

12 CP (Average of Column 27) 6,725
Reg Demand (Average of Columns 28-51 & Lines 1- 365) 75
Reserved Capacity Factor 1.12%

Line No	Date	Time Zone	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	Max
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	
1	1/1/2017	MST	4,887	4,755	4,667	4,580	4,526	4,598	4,618	4,690	4,719	4,704	4,715	4,677	4,644	4,678	4,726	4,822	5,060	5,548	5,579	5,482	5,358	5,156	4,842	4,621	6,858
2	1/2/2017	MST	4,551	4,523	4,497	4,516	4,598	4,680	4,917	5,011	5,028	5,078	5,111	5,116	5,065	5,035	5,139	5,245	5,561	6,114	6,092	5,949	5,817	5,531	5,174	4,913	
3	1/3/2017	MST	4,767	4,766	4,804	4,721	4,865	5,070	5,469	5,712	5,818	5,822	5,794	5,760	5,735	5,630	5,683	5,696	5,942	6,437	6,400	6,299	6,125	5,819	5,626	5,332	
4	1/4/2017	MST	5,105	5,011	4,990	4,945	5,108	5,287	5,734	6,004	5,992	6,030	6,103	6,112	6,093	6,095	6,112	6,204	6,461	6,827	6,794	6,624	6,406	6,071	5,642	5,299	
5	1/5/2017	MST	5,105	5,130	5,233	5,243	5,359	5,543	5,854	6,083	6,104	6,210	6,384	6,379	6,386	6,354	6,315	6,288	6,465	6,858	6,804	6,616	6,404	6,114	5,732	5,598	
6	1/6/2017	MST	5,414	5,329	5,313	5,337	5,464	5,625	5,996	6,261	6,223	6,182	6,086	6,088	5,962	5,894	5,797	5,791	5,993	6,441	6,516	6,377	6,221	5,968	5,762	5,442	
7	1/7/2017	MST	5,235	5,142	5,088	5,071	5,145	5,296	5,444	5,527	5,642	5,701	5,692	5,620	5,529	5,404	5,373	5,416	5,665	6,132	6,198	6,126	5,987	5,770	5,460	5,342	
8	1/8/2017	MST	5,194	5,046	4,907	4,864	4,769	4,844	4,916	4,980	5,107	5,189	5,170	5,139	5,060	5,021	5,029	5,051	5,317	5,817	5,832	5,697	5,517	5,230	4,844	4,689	
9	1/9/2017	MST	4,606	4,468	4,353	4,369	4,426	4,656	5,126	5,398	5,516	5,524	5,419	5,388	5,293	5,286	5,210	5,246	5,410	5,862	5,838	5,692	5,536	5,269	4,889	4,773	
10	1/10/2017	MST	4,631	4,537	4,482	4,524	4,666	4,977	5,287	5,462	5,401	5,354	5,314	5,299	5,224	5,290	5,445	5,333	5,448	5,934	5,960	5,810	5,640	5,331	5,031	4,848	
11	1/11/2017	MST	4,639	4,533	4,465	4,480	4,595	4,862	5,206	5,381	5,330	5,336	5,348	5,222	5,160	5,146	5,165	5,194	5,471	6,001	5,978	5,908	5,755	5,431	5,206	4,967	
12	1/12/2017	MST	4,758	4,647	4,559	4,569	4,636	4,987	5,422	5,595	5,612	5,553	5,542	5,501	5,389	5,439	5,530	5,661	5,916	6,257	6,245	6,099	5,902	5,597	5,418	5,127	
13	1/13/2017	MST	4,903	4,815	4,776	4,803	4,912	5,127	5,442	5,700	5,745	5,672	5,591	5,481	5,339	5,295	5,268	5,306	5,516	5,908	5,906	5,756	5,625	5,380	5,196	4,922	
14	1/14/2017	MST	4,728	4,589	4,572	4,673	4,670	4,750	4,956	5,023	5,176	5,275	5,321	5,312	5,200	5,074	5,004	5,050	5,265	5,664	5,680	5,570	5,450	5,332	5,217	4,958	
15	1/15/2017	MST	4,771	4,654	4,573	4,445	4,442	4,549	4,608	4,771	4,941	5,082	5,153	5,198	5,183	5,166	5,208	5,251	5,500	5,814	5,799	5,640	5,461	5,202	4,860	4,589	
16	1/16/2017	MST	4,558	4,601	4,560	4,579	4,712	4,965	5,334	5,538	5,545	5,687	5,720	5,738	5,692	5,684	5,638	5,667	5,763	6,172	6,158	6,001	5,786	5,418	5,010	4,748	
17	1/17/2017	MST	4,656	4,616	4,585	4,632	4,787	5,062	5,520	5,731	5,650	5,571	5,499	5,399	5,277	5,239	5,167	5,128	5,321	5,841	5,910	5,864	5,716	5,451	5,207	5,013	
18	1/18/2017	MST	4,820	4,754	4,737	4,644	4,719	5,075	5,508	5,727	5,610	5,501	5,408	5,274	5,203	5,123	5,098	5,100	5,293	5,752	5,888	5,807	5,656	5,381	4,991	4,701	
19	1/19/2017	MST	4,633	4,659	4,640	4,663	4,670	5,007	5,421	5,536	5,410	5,307	5,213	5,166	5,087	5,081	5,050	5,064	5,275	5,699	5,799	5,703	5,537	5,256	4,946	4,780	
20	1/20/2017	MST	4,632	4,533	4,496	4,497	4,533	4,802	5,177	5,398	5,476	5,473	5,381	5,338	5,207	5,175	5,291	5,288	5,387	5,680	5,719	5,622	5,465	5,250	4,949	4,803	
21	1/21/2017	MST	4,664	4,624	4,587	4,576	4,649	4,715	4,910	5,079	5,131	5,125	5,053	4,983	4,895	4,834	4,842	4,884	5,070	5,523	5,568	5,465	5,318	5,131	4,867	4,596	
22	1/22/2017	MST	4,539	4,587	4,462	4,453	4,492	4,584	4,770	4,786	4,835	4,809	4,728	4,692	4,674	4,649	4,701	4,799	5,184	5,546	5,654	5,538	5,374	5,084	4,750	4,653	
23	1/23/2017	MST	4,496	4,427	4,410	4,448	4,572	4,788	5,234	5,374	5,305	5,268	5,252	5,201	5,158	5,207	5,214	5,239	5,390	5,806	5,894	5,767	5,543	5,273	4,856	4,523	
24	1/24/2017	MST	4,325	4,501	4,512	4,559	4,693	5,009	5,472	5,601	5,515	5,604	5,736	5,784	5,776	5,774	5,757	5,805	5,945	6,298	6,325	6,188	5,994	5,645	5,281	5,011	
25	1/25/2017	MST	4,856	4,788	4,771	4,749	4,913	5,270	5,721	5,870	5,793	5,726	5,646	5,660	5,585	5,499	5,453	5,495	5,705	6,164	6,275	6,203	6,038	5,713	5,304	5,018	
26	1/26/2017	MST	4,995	4,913	4,938	4,989	5,062	5,385	5,822	5,924	5,840	5,736	5,635	5,546	5,513	5,471	5,505	5,600	5,830	6,232	6,324	6,246	6,073	5,776	5,443	5,217	
27	1/27/2017	MST	5,070	4,986	4,979	5,016	5,162	5,435	5,839	6,000	5,915	5,791	5,815	5,665	5,447	5,458	5,448	5,420	5,475	5,862	5,962	5,829	5,741	5,491	5,232	4,989	
28	1/28/2017	MST	4,948	4,865	4,852	4,857	4,907	4,982	5,096	5,165	5,173	5,190	5,179	5,235	5,137	4,989	4,859	4,846	5,003	5,418	5,548	5,444	5,313	5,132	4,939	4,806	
29	1/29/2017	MST	4,712	4,607	4,557	4,544	4,538	4,563	4,724	4,705	4,794	4,770	4,742	4,670	4,672	4,637	4,618	4,664	4,864	5,351	5,528	5,430	5,281	5,040	4,752	4,619	
30	1/30/2017	MST	4,456	4,407	4,371	4,365	4,450	4,769	5,218	5,403	5,354	5,282	5,233	5,173	5,114	5,106	5,101	5,078	5,207	5,623	5,768	5,635	5,439	5,096	4,762	4,550	
31	1/31/2017	MST	4,363	4,272	4,197	4,233	4,380	4,628	5,125	5,336	5,271	5,200	5,140	5,088	5,085	5,039	5,001	5,022	5,111	5,518	5,677	5,562	5,509	5,160	4,860	4,579	
32	2/1/2017	MST	4,377	4,320	4,295	4,334	4,500	4,822	5,234	5,455	5,473	5,508	5,514	5,500	5,405	5,450	5,561	5,623	5,859	6,154	6,215	6,082	5,906	5,592	5,226	5,112	6,273
33	2/2/2017	MST	4,956	4,859	4,787	4,823	4,908	5,133	5,506	5,719	5,805	5,866	5,883	5,902	5,895	5,834	5,790	5,819	5,932	6,225	6,273	6,120	5,935	5,712	5,333	5,011	
34	2/3/2017	MST	4,830	4,741	4,748	4,759	4,902	5,025	5,477	5,714	5,797	5,849	5,760	5,656	5,559	5,522	5,468	5,456	5,523	5,856	5,953	5,829	5,693	5,451	5,132	4,850	
35	2/4/2017	MST	4,733	4,695	4,622	4,582	4,616	4,620	4,797	4,872	4,840	4,821	4,816	4,763	4,673	4,602	4,547	4,603	4,722	5,110	5,339	5,268	5,146	4,952	4,764	4,593	
36	2/5/2017	MST	4,512	4,395	4,170	4,161	4,185	4,214	4,402	4,514	4,607	4,635	4,611	4,582	4,546	4,542	4,578	4,655	4,766	4,996	5,141	5,053	4,974	4,868	4,567	4,346	
37	2/6/2017	MST	4,302	4,245	4,205	4,142	4,275	4,571	4,991	5,265	5,192	5,116	5,184	5,173	5,198	5,175	5,143	5,113	5,176	5,489	5,716	5,595	5,411	5,094	4,737	4,600	
38	2/7/2017	MST	4,460	4,355	4,318	4,333	4,499	4,696	5,181	5,385	5,297	5,158	5,130	5,094	5,091	5,137	5,133	5,137	5,219	5,533	5,665	5,540	5,381	5,043	4,806	4,543	
39	2/8/2017	MST	4,386	4,314	4,280	4,262	4,389	4,626	5,005	5,160	5,129	5,071	5,027	5,038	4,939	4,993	4,909	5,083	5,069	5,341	5,549	5,451	5,279	4,993	4,817	4,575	
40	2/9/2017	MST	4,381	4,326	4,232	4,243	4,365	4,624	4,955	5,069	5,044	5,057	5,102	5,067	5,066	5,055	5,045	5,022	5,106	5,355	5,550	5,425	5,247	4,935	4,759	4,492	
41	2/10/2017	MST	4,309	4,207	4,077	4,051	4,153	4,336	4,787	4,958	4,996	4,984	5,074	5,059	5,035	5,003	5,028	5,016	5,044	5,203	5,306	5,145	4,975	4,771	4,463	4,258	
42	2/11/2017	MST	4,104	4,062	4,063	4,034	4,038	4,073	4,287	4,334	4,525	4,630	4,667	4,646	4,643	4,643	4,662	4,758	4,871	5,156	5,290	5,159	5,068	4,986	4,820	4,603	

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Table 34
WP_Load Factor

12 CP (Average of Column 27) 6,725
Reg Demand (Average of Columns 28-51 & Lines 1- 365) 75
Reserved Capacity Factor 1.12%

Line No	Date	Time Zone	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	Max
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	
43	2/12/2017	MST	4,420	4,250	4,091	4,076	4,042	4,104	4,282	4,442	4,619	4,681	4,650	4,607	4,565	4,550	4,523	4,552	4,731	5,146	5,429	5,322	5,198	5,033	4,696	4,390	
44	2/13/2017	MST	4,230	4,156	4,125	4,104	4,213	4,522	5,020	5,318	5,373	5,341	5,314	5,294	5,229	5,248	5,233	5,184	5,292	5,613	5,837	5,692	5,540	5,301	5,028	4,787	
45	2/14/2017	MST	4,594	4,521	4,454	4,365	4,514	4,845	5,285	5,396	5,268	5,152	5,150	5,099	5,031	5,015	4,992	4,997	5,033	5,306	5,600	5,504	5,376	5,102	4,851	4,717	
46	2/15/2017	MST	4,568	4,485	4,465	4,432	4,530	4,785	5,207	5,327	5,217	5,110	5,015	4,950	4,904	4,900	4,911	4,913	5,000	5,239	5,506	5,450	5,292	5,097	4,867	4,612	
47	2/16/2017	MST	4,451	4,371	4,347	4,260	4,379	4,680	5,087	5,179	5,066	5,046	5,011	4,959	4,899	4,949	4,989	5,007	5,082	5,265	5,459	5,365	5,200	4,910	4,565	4,364	
48	2/17/2017	MST	4,338	4,189	4,146	4,202	4,345	4,662	5,009	5,122	5,142	5,088	4,991	4,955	4,864	4,855	4,899	4,868	4,941	5,126	5,292	5,153	5,015	4,847	4,687	4,511	
49	2/18/2017	MST	4,328	4,230	4,181	4,165	4,226	4,196	4,369	4,486	4,592	4,621	4,601	4,573	4,508	4,447	4,421	4,449	4,542	4,800	5,063	4,965	5,027	4,891	4,624	4,352	
50	2/19/2017	MST	4,173	4,071	4,023	3,916	3,819	3,920	4,083	4,216	4,338	4,330	4,396	4,405	4,418	4,392	4,462	4,516	4,681	4,993	5,192	5,063	4,904	4,654	4,450	4,322	
51	2/20/2017	MST	4,142	4,075	4,048	4,073	4,177	4,381	4,725	4,810	4,811	4,845	4,857	4,845	4,786	4,775	4,789	4,830	4,933	5,199	5,472	5,375	5,185	4,901	4,636	4,399	
52	2/21/2017	MST	4,271	4,179	4,106	4,026	4,167	4,441	4,799	4,873	4,873	4,894	4,959	4,948	4,957	4,984	4,994	5,012	5,070	5,278	5,505	5,392	5,195	4,856	4,706	4,410	
53	2/22/2017	MST	4,207	4,135	4,087	4,094	4,125	4,378	4,896	4,875	4,836	4,812	4,756	4,755	4,733	4,831	4,784	4,880	4,984	5,205	5,471	5,372	5,181	4,950	4,601	4,493	
54	2/23/2017	MST	4,319	4,273	4,247	4,284	4,343	4,581	5,033	5,251	5,362	5,442	5,521	5,513	5,482	5,473	5,488	5,512	5,631	5,848	6,052	5,984	5,804	5,499	5,162	5,032	
55	2/24/2017	MST	4,839	4,757	4,752	4,752	4,852	4,987	5,382	5,588	5,706	5,769	5,734	5,671	5,615	5,614	5,608	5,608	5,647	5,838	6,002	5,901	5,678	5,496	5,175	4,944	
56	2/25/2017	MST	4,804	4,720	4,786	4,784	4,841	4,953	5,124	5,101	5,231	5,285	5,246	5,153	5,029	4,933	4,876	4,887	5,006	5,355	5,681	5,600	5,505	5,293	4,995	4,753	
57	2/26/2017	MST	4,697	4,730	4,648	4,646	4,703	4,811	4,927	4,897	4,938	4,904	4,812	4,753	4,678	4,627	4,605	4,644	4,822	5,170	5,567	5,534	5,425	5,186	4,982	4,727	
58	2/27/2017	MST	4,662	4,579	4,572	4,553	4,580	4,875	5,349	5,467	5,387	5,278	5,263	5,184	5,140	5,115	5,115	5,136	5,260	5,511	5,823	5,729	5,538	5,228	4,869	4,646	
59	2/28/2017	MST	4,524	4,519	4,513	4,454	4,577	4,875	5,232	5,425	5,499	5,474	5,445	5,378	5,372	5,383	5,337	5,391	5,536	5,788	6,032	5,975	5,859	5,515	5,238	4,967	
60	3/1/2017	MST	4,889	4,804	4,784	4,777	4,821	5,144	5,519	5,561	5,435	5,351	5,252	5,160	5,055	5,022	5,037	5,049	5,149	5,438	5,774	5,764	5,638	5,365	5,036	4,796	
61	3/2/2017	MST	4,185	4,664	4,627	4,611	4,660	5,019	5,374	5,429	5,315	5,178	5,120	5,048	4,945	4,885	4,892	4,903	5,016	5,240	5,616	5,543	5,385	5,115	4,844	4,703	6,074
62	3/3/2017	MST	4,592	4,544	4,497	4,419	4,560	4,779	5,065	5,307	5,312	5,325	5,228	5,057	4,915	4,855	4,832	4,839	4,899	5,037	5,314	5,259	5,137	4,923	4,656	4,580	
63	3/4/2017	MST	4,493	4,389	4,352	4,327	4,300	4,426	4,505	4,604	4,748	4,746	4,607	4,584	4,486	4,435	4,415	4,465	4,552	4,737	5,058	5,022	4,876	4,708	4,484	4,336	
64	3/5/2017	MST	4,265	4,171	4,096	3,934	3,946	4,018	4,062	4,201	4,356	4,424	4,418	4,462	4,417	4,484	4,504	4,520	4,648	4,868	5,211	5,153	4,979	4,808	4,580	4,316	
65	3/6/2017	MST	4,161	4,096	4,054	3,966	4,125	4,383	4,821	5,173	5,271	5,215	5,211	5,194	5,271	5,264	5,258	5,299	5,434	5,747	6,074	5,986	5,813	5,441	5,131	4,978	
66	3/7/2017	MST	4,798	4,716	4,706	4,700	4,847	5,054	5,469	5,471	5,357	5,283	5,222	5,127	5,089	5,020	4,971	4,957	5,048	5,275	5,641	5,611	5,442	5,180	4,760	4,476	
67	3/8/2017	MST	4,426	4,464	4,348	4,462	4,618	4,715	5,014	5,126	5,050	5,023	4,994	5,009	5,003	5,011	4,940	4,964	5,006	5,110	5,414	5,426	5,280	4,976	4,511	4,220	
68	3/9/2017	MST	4,230	4,225	4,207	4,246	4,324	4,559	5,007	5,049	4,983	4,939	4,989	4,993	4,949	4,983	4,997	5,010	5,027	5,105	5,381	5,473	5,276	4,885	4,520	4,235	
69	3/10/2017	MST	4,102	4,022	4,054	4,287	4,417	4,696	5,120	5,243	5,246	5,096	5,010	4,927	4,891	4,938	4,905	4,917	4,951	5,062	5,295	5,241	5,073	4,866	4,555	4,247	
70	3/11/2017	MST	4,213	4,217	4,164	4,139	4,179	4,240	4,409	4,648	4,828	4,892	4,834	4,784	4,672	4,623	4,593	4,619	4,662	4,811	5,117	5,124	5,010	4,853	4,617	4,431	
71	3/12/2017	MDT	4,318	4,174	4,147	4,119	4,115	4,094	4,243	4,337	4,419	4,546	4,586	4,541	4,424	4,398	4,427	4,416	4,477	4,654	4,819	5,096	5,090	4,893	4,561	4,413	
72	3/13/2017	MDT	4,218	4,017	3,992	4,019	4,063	4,389	4,944	5,253	5,231	5,126	5,061	5,038	5,018	5,005	4,949	4,919	4,959	5,049	5,144	5,375	5,330	5,127	4,912	4,589	
73	3/14/2017	MDT	4,377	4,253	4,183	4,161	4,206	4,487	4,870	5,099	5,109	5,072	5,031	5,069	5,057	4,981	4,943	4,874	4,961	4,993	5,024	5,246	5,217	4,941	4,652	4,401	
74	3/15/2017	MDT	4,202	4,096	4,052	4,126	4,123	4,354	4,834	5,058	5,011	4,957	4,997	5,012	5,069	4,948	4,946	4,966	5,019	5,076	5,087	5,283	5,231	4,941	4,574	4,396	
75	3/16/2017	MDT	4,177	4,030	3,963	4,003	4,126	4,364	4,770	4,918	5,044	5,060	5,040	4,976	5,065	5,068	5,080	5,060	4,994	5,112	5,082	5,264	5,228	4,955	4,554	4,389	
76	3/17/2017	MDT	4,203	4,072	3,983	3,872	3,946	4,186	4,547	4,775	4,779	4,831	4,903	4,877	4,833	4,866	4,886	4,868	4,904	4,909	4,844	4,984	4,970	4,862	4,635	4,369	
77	3/18/2017	MDT	4,133	4,039	3,882	3,763	3,779	3,891	4,016	4,157	4,289	4,347	4,380	4,382	4,364	4,360	4,399	4,458	4,561	4,689	4,720	4,882	4,847	4,637	4,437	4,155	
78	3/19/2017	MDT	3,916	3,765	3,761	3,722	3,583	3,630	3,892	4,009	4,170	4,283	4,348	4,321	4,352	4,403	4,446	4,511	4,638	4,788	4,834	5,000	4,985	4,710	4,299	3,956	
79	3/20/2017	MDT	3,755	3,647	3,670	3,702	3,827	4,018	4,458	4,737	4,867	4,904	5,025	5,098	5,117	5,115	5,140	5,109	5,096	5,095	5,108	5,247	5,182	4,887	4,521	4,130	
80	3/21/2017	MDT	3,948	3,855	3,699	3,678	3,773	4,054	4,551	4,780	4,777	4,809	4,847	4,816	4,855	4,905	4,954	4,898	4,901	5,060	5,079	5,145	5,115	4,837	4,588	4,251	
81	3/22/2017	MDT	4,065	3,969	3,916	3,922	4,005	4,303	4,806	5,027	5,037	5,012	4,868	4,819	4,830	4,864	4,931	4,960	4,961	4,969	5,041	5,207	5,128	4,870	4,581	4,276	
82	3/23/2017	MDT	4,044	3,963	3,882	3,873	3,986	4,245	4,638	4,834	4,848	4,887	4,933	4,988	5,036	5,032	5,007	4,977	5,046	5,075	5,060	5,215	5,137	4,924	4,641	4,341	
83	3/24/2017	MDT	4,131	4,010	3,987	3,963	4,034	4,264	4,710	4,938	5,013	5,086	5,114	5,054	4,994	4,992	4,924	4,846	4,869	4,892	4,868	5,056	5,103	4,900	4,613	4,455	
84	3/25/2017	MDT	4,238	4,134	4,099	4,078	4,143	4,250	4,441	4,566	4,601	4,538	4,504	4,465	4,419	4,370	4,332	4,339	4,407	4,487	4,549	4,773	4,788	4,722	4,500	4,208	

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Transmission Formula Rate Template
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Table 34
WP_Load Factor

12 CP (Average of Column 27) 6,725
Reg Demand (Average of Columns 28-51 & Lines 1- 365) 75
Reserved Capacity Factor 1.12%

Line No	Date	Zone	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	Max
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	
85	3/26/2017	MDT	4,005	3,859	3,798	3,772	3,810	3,910	4,076	4,200	4,322	4,441	4,457	4,449	4,471	4,472	4,460	4,483	4,521	4,636	4,731	4,907	4,894	4,682	4,344	4,173	5,530
86	3/27/2017	MDT	3,999	3,924	3,906	3,958	4,062	4,273	4,767	4,923	4,941	4,908	4,858	4,839	4,867	4,858	4,874	4,909	4,940	5,039	5,081	5,211	5,145	4,872	4,617	4,287	
87	3/28/2017	MDT	4,089	3,987	3,939	3,940	4,043	4,272	4,652	4,854	4,989	5,138	5,175	5,148	5,142	5,180	5,158	5,176	5,249	5,302	5,341	5,449	5,243	4,922	4,543	4,266	
88	3/29/2017	MDT	4,228	4,114	4,117	4,121	4,266	4,542	4,948	5,163	5,280	5,286	5,232	5,012	4,941	4,802	4,711	4,685	4,702	4,707	4,806	5,016	5,074	4,839	4,505	4,238	
89	3/30/2017	MDT	4,135	4,038	3,993	4,002	4,007	4,255	4,692	4,902	4,959	4,861	4,779	4,771	4,710	4,758	4,723	4,790	4,785	4,833	4,815	4,960	4,949	4,838	4,481	4,184	
90	3/31/2017	MDT	3,954	3,864	3,813	3,824	3,919	4,083	4,461	4,749	4,859	5,047	5,158	5,171	5,179	5,184	5,114	5,132	5,131	5,203	5,164	5,230	5,186	4,971	4,682	4,375	
91	4/1/2017	MDT	4,230	4,169	4,094	4,099	4,153	4,271	4,462	4,644	4,866	4,994	5,068	4,962	4,800	4,693	4,662	4,670	4,722	4,818	4,858	4,980	4,995	4,811	4,533	4,264	
92	4/2/2017	MDT	4,136	4,099	3,994	3,959	3,997	4,099	4,221	4,169	4,273	4,277	4,255	4,234	4,201	4,181	4,178	4,186	4,272	4,432	4,578	4,774	4,782	4,551	4,212	3,989	
93	4/3/2017	MDT	3,852	3,773	3,740	3,770	3,917	4,181	4,623	4,824	4,832	4,797	4,775	4,765	4,718	4,694	4,665	4,667	4,727	4,795	4,949	5,163	5,145	4,891	4,504	4,199	
94	4/4/2017	MDT	4,104	4,045	3,969	3,919	4,065	4,367	4,883	5,092	5,195	5,249	5,289	5,274	5,223	5,171	5,091	5,062	5,165	5,284	5,339	5,530	5,480	5,194	4,798	4,586	
95	4/5/2017	MDT	4,368	4,282	4,264	4,212	4,289	4,547	5,008	5,185	5,142	5,110	5,075	4,967	4,889	4,827	4,754	4,733	4,756	4,838	4,909	5,088	5,184	4,943	4,544	4,232	
96	4/6/2017	MDT	4,064	4,083	4,048	4,071	4,198	4,408	4,862	4,950	4,888	4,861	4,823	4,769	4,734	4,730	4,716	4,687	4,788	4,799	4,819	4,968	5,172	4,940	4,563	4,231	
97	4/7/2017	MDT	3,911	3,922	3,853	3,835	3,995	4,277	4,690	4,819	4,851	4,849	4,861	4,876	4,875	4,899	4,896	4,903	4,896	4,899	4,860	4,951	4,996	4,786	4,472	4,131	
98	4/8/2017	MDT	3,783	3,699	3,748	3,711	3,742	3,836	4,003	4,158	4,333	4,420	4,362	4,386	4,417	4,449	4,436	4,429	4,584	4,673	4,552	4,604	4,774	4,586	4,389	4,086	
99	4/9/2017	MDT	3,879	3,771	3,681	3,656	3,659	3,702	3,750	3,878	4,033	4,154	4,212	4,228	4,222	4,193	4,156	4,260	4,396	4,552	4,668	4,732	4,905	4,697	4,425	4,158	
100	4/10/2017	MDT	3,971	3,876	3,862	3,906	4,040	4,370	4,827	5,041	5,046	5,039	4,836	4,787	4,734	4,730	4,719	4,734	4,771	4,840	4,885	5,054	5,118	4,937	4,586	4,225	
101	4/11/2017	MDT	4,077	3,999	3,986	4,000	4,020	4,317	4,758	4,894	4,902	4,831	4,766	4,794	4,761	4,782	4,818	4,833	4,856	4,953	4,906	5,026	5,106	4,961	4,576	4,212	
102	4/12/2017	MDT	4,008	3,892	3,880	3,850	3,842	4,190	4,648	4,800	4,799	4,782	4,733	4,786	4,845	4,784	4,879	4,919	4,990	5,037	5,030	5,074	5,189	5,106	4,628	4,252	
103	4/13/2017	MDT	4,008	3,898	3,825	3,822	3,830	4,091	4,500	4,638	4,710	4,740	4,805	4,834	4,869	4,943	4,952	5,063	5,095	5,112	5,079	5,076	5,181	5,005	4,610	4,242	
104	4/14/2017	MDT	3,995	3,880	3,790	3,736	3,793	3,968	4,306	4,531	4,641	4,707	4,782	4,791	4,850	4,934	4,986	5,050	5,065	5,095	5,001	4,971	5,041	4,883	4,596	4,244	
105	4/15/2017	MDT	3,978	3,795	3,749	3,716	3,769	3,876	3,942	4,127	4,302	4,383	4,423	4,382	4,271	4,265	4,315	4,380	4,381	4,487	4,587	4,647	4,783	4,669	4,418	4,135	
106	4/16/2017	MDT	3,891	3,698	3,611	3,530	3,502	3,591	3,676	3,813	3,960	4,039	4,055	4,068	4,073	4,052	4,067	4,120	4,235	4,349	4,394	4,526	4,683	4,489	4,211	3,924	
107	4/17/2017	MDT	3,738	3,639	3,579	3,495	3,584	3,897	4,275	4,528	4,542	4,618	4,772	4,850	4,888	4,972	5,064	5,049	5,048	5,111	5,069	5,084	5,169	4,903	4,460	4,168	
108	4/18/2017	MDT	3,967	3,810	3,740	3,720	3,833	4,059	4,384	4,625	4,658	4,752	4,776	4,808	4,843	4,886	4,940	5,079	5,097	5,172	5,153	5,170	5,366	5,106	4,587	4,210	
109	4/19/2017	MDT	3,990	3,862	3,786	3,720	3,853	3,960	4,344	4,588	4,689	4,795	4,883	4,971	4,980	4,941	4,946	5,024	5,065	5,070	5,012	4,967	5,138	4,848	4,543	4,214	
110	4/20/2017	MDT	3,972	3,855	3,789	3,798	3,913	4,112	4,450	4,641	4,695	4,715	4,732	4,726	4,796	4,879	4,928	4,920	4,861	4,925	4,981	4,997	4,962	4,773	4,515	4,349	
111	4/21/2017	MDT	4,190	4,081	4,024	4,031	4,127	4,381	4,612	4,836	4,900	4,881	4,916	4,868	4,792	4,824	4,799	4,798	4,825	4,866	4,853	4,943	5,008	4,808	4,524	4,242	
112	4/22/2017	MDT	4,134	4,012	3,976	3,955	4,003	4,115	4,247	4,334	4,512	4,589	4,551	4,411	4,353	4,266	4,207	4,154	4,226	4,346	4,401	4,488	4,694	4,559	4,325	4,185	
113	4/23/2017	MDT	3,995	3,891	3,947	3,875	3,755	3,763	3,833	4,042	4,072	4,187	4,173	4,147	4,139	4,130	4,160	4,255	4,388	4,504	4,631	4,683	4,834	4,611	4,305	4,078	
114	4/24/2017	MDT	3,792	3,695	3,652	3,650	3,755	3,947	4,282	4,587	4,677	4,695	4,776	4,874	4,877	4,931	4,955	4,966	4,949	4,962	4,952	4,950	5,033	4,795	4,462	4,326	
115	4/25/2017	MDT	4,152	4,026	3,976	3,954	4,056	4,294	4,546	4,699	4,737	4,736	4,718	4,737	4,760	4,786	4,757	4,771	4,852	4,950	5,011	5,093	5,140	4,899	4,618	4,438	
116	4/26/2017	MDT	4,272	4,165	4,111	4,093	4,262	4,486	4,769	4,834	4,812	4,774	4,741	4,711	4,714	4,723	4,638	4,660	4,677	4,767	4,793	4,874	5,004	4,805	4,435	4,217	
117	4/27/2017	MDT	4,176	4,062	4,034	4,016	4,148	4,405	4,695	4,751	4,849	4,846	4,840	4,907	4,886	4,912	4,777	4,741	4,740	4,908	4,852	4,853	5,033	4,819	4,464	4,210	
118	4/28/2017	MDT	4,136	4,089	4,081	4,082	4,124	4,407	4,622	4,768	4,754	4,727	4,681	4,629	4,692	4,705	4,782	4,853	4,840	4,999	5,023	5,108	5,146	4,922	4,813	4,516	
119	4/29/2017	MDT	4,349	4,253	4,254	4,226	4,263	4,277	4,415	4,570	4,751	4,900	4,998	5,020	4,996	4,920	4,880	4,897	4,859	4,936	4,955	4,970	5,088	4,986	4,715	4,442	
120	4/30/2017	MDT	4,487	4,344	4,281	4,253	4,278	4,361	4,423	4,511	4,581	4,587	4,498	4,452	4,378	4,299	4,238	4,220	4,294	4,417	4,491	4,661	4,842	4,638	4,276	3,927	
121	5/1/2017	MDT	3,824	3,922	3,899	3,942	4,051	4,377	4,739	4,881	4,926	4,919	4,843	4,744	4,694	4,728	4,754	4,758	4,770	4,834	4,808	4,884	5,010	4,776	4,370	4,033	
122	5/2/2017	MDT	3,836	3,758	3,701	3,674	3,844	4,153	4,533	4,778	4,795	4,772	4,791	4,839	4,803	4,794	4,828	4,824	4,813	4,910	4,946	4,953	5,055	4,815	4,421	4,132	
123	5/3/2017	MDT	3,928	3,840	3,936	4,101	4,274	4,532	4,797	4,908	5,048	5,204	5,237	5,157	5,071	4,912	4,781	4,693	4,835	4,898	4,902	4,847	5,028	4,878	4,459	4,186	
124	5/4/2017	MDT	4,003	3,896	3,858	4,022	4,216	4,398	4,714	4,683	4,778	4,783	4,776	4,774	4,765	4,799	4,846	4,863	4,903	4,981	4,959	4,955	5,106	4,886	4,482	4,226	
125	5/5/2017	MDT	4,075	4,006	3,931	3,929	3,989	4,195	4,400	4,653	4,653	4,756	4,823	4,890	4,918	5,003	5,064	5,117	5,194	5,259	5,182	5,086	5,138	4,958	4,585	4,232	
126	5/6/2017	MDT	4,122	4,067	3,956	3,907	3,920	3,966	4																		

Public Service Company of Colorado
Transmission Formula Rate Template
Hourly Demand Data from Form 714 page 9a

Table 34
WP_Load Factor

12 CP (Average of Column 27) 6,725
Reg Demand (Average of Columns 28-51 & Lines 1- 365) 75
Reserved Capacity Factor 1.12%

Line No	Time		0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	Max
	Date	Zone																									
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)
127	5/7/2017	MDT	4,246	4,100	3,960	3,850	3,835	3,865	3,873	3,942	4,076	4,217	4,354	4,506	4,593	4,701	4,663	4,836	4,759	4,768	4,705	4,719	4,876	4,686	4,394	4,198	
128	5/8/2017	MDT	3,982	3,858	3,801	3,794	3,879	4,135	4,368	4,547	4,683	4,788	4,883	4,954	5,051	5,153	5,211	5,134	5,071	5,124	5,116	5,110	5,052	4,803	4,457	4,167	
129	5/9/2017	MDT	4,107	3,999	3,919	3,910	3,996	4,162	4,505	4,681	4,754	4,802	4,860	4,915	4,923	4,989	5,003	4,916	4,941	4,977	4,956	4,945	5,025	4,836	4,424	4,056	
130	5/10/2017	MDT	4,021	3,984	3,907	3,900	3,967	4,152	4,511	4,639	4,740	4,871	4,952	4,972	4,945	4,903	4,875	4,889	4,957	5,034	5,016	5,021	5,039	4,826	4,448	4,251	
131	5/11/2017	MDT	4,132	4,045	3,969	3,988	4,088	4,362	4,590	4,830	4,787	4,751	4,739	4,691	4,699	4,697	4,678	4,717	4,774	4,863	4,837	4,841	4,981	4,845	4,408	4,058	
132	5/12/2017	MDT	3,926	3,941	3,912	3,914	3,952	4,193	4,494	4,612	4,580	4,607	4,706	4,775	4,866	4,945	5,012	5,027	5,110	5,212	5,157	5,049	5,070	4,937	4,717	4,450	
133	5/13/2017	MDT	4,198	3,897	3,901	3,862	3,871	3,919	3,972	4,093	4,259	4,378	4,506	4,612	4,697	4,806	4,910	5,046	5,163	5,242	5,314	5,198	5,243	5,113	4,732	4,355	
134	5/14/2017	MDT	4,227	4,039	3,893	3,805	3,784	3,781	3,811	3,939	4,048	4,112	4,126	4,175	4,214	4,288	4,398	4,587	4,744	4,811	4,793	4,788	4,927	5,044	4,678	4,283	
135	5/15/2017	MDT	4,028	3,890	3,805	3,803	3,796	4,009	4,251	4,582	4,738	4,825	4,894	4,945	5,062	5,204	5,333	5,452	5,505	5,473	5,466	5,372	5,383	5,184	4,855	4,529	
136	5/16/2017	MDT	4,225	4,047	3,973	3,934	3,964	4,003	4,291	4,634	4,776	4,825	4,959	5,047	5,138	5,204	5,216	5,169	5,097	5,093	4,998	5,016	5,008	4,847	4,601	4,346	
137	5/17/2017	MDT	4,116	4,003	3,930	3,944	3,942	4,155	4,403	4,577	4,694	4,776	4,839	4,859	4,816	4,980	5,053	5,097	5,053	5,052	5,017	5,020	5,081	4,808	4,546	4,410	
138	5/18/2017	MDT	4,200	4,110	4,017	4,076	4,184	4,394	4,650	4,985	5,135	5,233	5,314	5,350	5,314	5,324	5,286	5,220	5,271	5,366	5,296	5,273	5,380	5,153	4,802	4,607	
139	5/19/2017	MDT	4,461	4,360	4,276	4,311	4,322	4,455	4,761	5,001	5,149	5,172	5,184	5,135	5,103	5,116	5,122	5,092	5,116	5,122	5,072	5,052	5,126	4,998	4,693	4,431	
140	5/20/2017	MDT	4,286	4,186	4,105	4,178	4,255	4,275	4,297	4,384	4,446	4,505	4,487	4,414	4,367	4,304	4,268	4,272	4,337	4,392	4,469	4,517	4,665	4,638	4,379	4,081	
141	5/21/2017	MDT	3,897	3,749	3,725	3,768	3,791	3,840	3,892	4,008	4,145	4,236	4,237	4,188	4,191	4,233	4,241	4,323	4,444	4,504	4,528	4,584	4,697	4,560	4,214	3,988	
142	5/22/2017	MDT	3,833	3,736	3,686	3,690	3,791	4,060	4,325	4,583	4,687	4,741	4,773	4,826	4,875	4,925	4,921	4,982	5,005	5,020	5,088	5,041	5,033	4,838	4,578	4,348	
143	5/23/2017	MDT	4,193	4,093	4,020	4,031	4,089	4,323	4,569	4,715	4,822	4,783	4,788	4,848	4,805	4,803	4,767	4,774	4,792	4,861	4,874	4,852	4,972	4,871	4,493	4,245	
144	5/24/2017	MDT	4,035	3,861	3,868	3,859	3,963	4,195	4,483	4,660	4,655	4,734	4,765	4,877	4,951	5,052	5,144	5,253	5,408	5,501	5,508	5,459	5,440	5,252	4,869	4,594	
145	5/25/2017	MDT	4,265	4,080	4,023	3,798	4,034	4,254	4,503	4,687	4,850	5,096	5,209	5,258	5,321	5,307	5,336	5,258	5,238	5,193	5,116	5,002	5,006	4,914	4,621	4,406	
146	5/26/2017	MDT	4,179	4,019	3,952	3,932	3,898	4,083	4,235	4,463	4,651	4,702	4,705	4,845	4,932	4,891	4,818	4,911	4,961	5,023	5,002	4,896	4,933	4,868	4,711	4,407	
147	5/27/2017	MDT	4,118	3,974	3,886	3,747	3,649	3,664	3,743	3,955	4,190	4,351	4,400	4,451	4,556	4,597	4,424	4,324	4,377	4,431	4,463	4,439	4,554	4,554	4,304	4,088	
148	5/28/2017	MDT	3,980	3,903	3,831	3,804	3,823	3,830	3,806	3,891	3,969	4,002	4,043	4,066	4,064	4,065	4,107	4,178	4,308	4,438	4,519	4,488	4,560	4,522	4,247	4,035	
149	5/29/2017	MDT	3,822	3,694	3,607	3,591	3,629	3,677	3,753	3,907	3,997	4,184	4,299	4,348	4,455	4,551	4,554	4,558	4,620	4,736	4,728	4,737	4,735	4,728	4,351	4,119	
150	5/30/2017	MDT	3,999	3,868	3,801	3,828	3,828	3,963	4,195	4,440	4,650	4,772	4,890	4,963	5,030	5,116	5,194	5,322	5,440	5,476	5,422	5,314	5,252	5,146	4,775	4,540	
151	5/31/2017	MDT	4,236	4,088	3,967	3,884	3,949	4,111	4,330	4,636	4,746	4,891	5,075	5,207	5,346	5,453	5,578	5,682	5,715	5,730	5,641	5,458	5,448	5,438	5,042	4,675	
152	6/1/2017	MDT	4,327	4,159	4,054	4,023	4,006	4,125	4,384	4,596	4,808	4,917	5,109	5,303	5,506	5,664	5,724	5,693	5,559	5,487	5,493	5,394	5,387	5,295	5,094	4,641	
153	6/2/2017	MDT	4,351	4,197	4,081	4,038	4,087	4,168	4,417	4,633	4,842	5,000	5,164	5,294	5,416	5,503	5,415	5,418	5,373	5,224	5,128	5,041	5,080	5,049	4,711	4,327	8,282
154	6/3/2017	MDT	4,092	4,139	3,970	3,905	3,899	3,904	4,005	4,118	4,322	4,508	4,530	4,625	4,682	4,737	4,825	4,942	5,052	5,165	5,181	5,075	5,028	4,975	4,623	4,255	
155	6/4/2017	MDT	4,095	4,038	3,914	3,844	3,842	3,819	3,877	3,970	4,167	4,274	4,427	4,583	4,743	4,893	5,091	5,289	5,524	5,715	5,778	5,674	5,546	5,402	5,014	4,703	
156	6/5/2017	MDT	4,357	4,172	4,055	4,008	4,071	4,235	4,452	4,800	4,988	5,214	5,467	5,734	5,935	6,028	5,975	6,032	5,872	5,788	5,682	5,544	5,536	5,409	4,898	4,494	
157	6/6/2017	MDT	4,326	4,234	4,134	4,058	4,113	4,320	4,477	4,796	4,944	5,130	5,299	5,476	5,632	5,807	5,908	5,927	5,909	5,839	5,725	5,588	5,550	5,466	5,005	4,537	
158	6/7/2017	MDT	4,353	4,288	4,181	4,133	4,192	4,308	4,578	4,804	5,055	5,154	5,333	5,555	5,766	5,991	6,218	6,216	6,070	6,039	6,028	5,865	5,822	5,642	5,100	4,573	
159	6/8/2017	MDT	4,237	4,096	3,971	3,913	3,915	4,111	4,399	4,704	4,958	5,177	5,371	5,574	5,735	5,981	6,236	6,457	6,597	6,517	6,341	6,115	6,011	5,869	5,468	5,011	
160	6/9/2017	MDT	4,625	4,398	4,261	4,184	4,193	4,291	4,473	4,847	5,090	5,365	5,672	6,018	6,276	6,524	6,680	6,877	7,063	7,173	7,084	6,862	6,502	6,208	5,690	5,323	
161	6/10/2017	MDT	4,963	4,631	4,480	4,331	4,323	4,247	4,396	4,564	4,851	5,283	5,622	5,904	6,136	6,349	6,614	6,852	7,015	7,015	6,818	6,578	6,331	6,118	5,617	5,209	
162	6/11/2017	MDT	4,773	4,487	4,342	4,251	4,184	4,110	4,167	4,345	4,529	4,655	4,789	4,954	5,074	5,150	5,328	5,559	5,825	6,052	6,090	5,934	5,790	5,673	5,320	4,948	
163	6/12/2017	MDT	4,606	4,399	4,288	4,237	4,299	4,385	4,561	4,976	5,329	5,586	5,863	6,179	6,480	6,741	7,028	7,166	7,289	7,390	7,232	6,964	6,629	6,309	5,760	5,238	
164	6/13/2017	MDT	4,829	4,546	4,382	4,267	4,291	4,396	4,553	4,834	4,993	5,124	5,291	5,411	5,547	5,711	5,908	6,063	6,235	6,251	6,011	5,847	5,750	5,632	5,235	4,794	
165	6/14/2017	MDT	4,553	4,341	4,228	4,182	4,223	4,332	4,556	4,875	5,094	5,206	5,396	5,601	5,722	5,935	6,222	6,538	6,721	6,716	6,610	6,417	6,176	5,994	5,422	4,956	
166	6/15/2017	MDT	4,745	4,446	4,268	4,207	4,301	4,427	4,607	4,919	5,144	5,349	5,546	5,771	6,018	6,332	6,595	6,867	6,994	7,109	6,909	6,568	6,350	6,094	5,531	4,972	
167	6/16/2017	MDT	4,658	4,538	4,426	4,																					

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Table 34
WP_Load Factor

12 CP (Average of Column 27) 6,725
Reg Demand (Average of Columns 28-51 & Lines 1- 365) 75
Reserved Capacity Factor 1.12%

Line No	Date	Time Zone	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	Max
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)
169	6/18/2017	MDT	4,404	4,145	3,898	3,820	3,807	3,805	3,843	4,049	4,301	4,543	4,779	4,966	5,160	5,369	5,626	5,936	6,244	6,505	6,557	6,435	6,207	6,019	5,442	4,997	
170	6/19/2017	MDT	4,709	4,457	4,296	4,226	4,265	4,395	4,685	4,997	5,284	5,435	5,674	5,888	6,086	6,387	6,684	6,969	7,195	7,312	7,255	7,110	6,760	6,440	5,811	5,331	
171	6/20/2017	MDT	4,983	4,702	4,535	4,455	4,473	4,647	4,951	5,312	5,664	6,044	6,419	6,792	7,050	7,422	7,861	8,162	8,264	8,082	7,911	7,793	7,366	7,034	6,505	5,977	
172	6/21/2017	MDT	5,626	5,220	4,929	4,783	4,619	4,707	4,927	5,357	5,727	6,189	6,671	7,145	7,483	7,758	8,068	8,240	8,282	8,197	7,856	7,507	7,262	7,001	6,301	5,681	
173	6/22/2017	MDT	5,415	5,130	4,925	4,790	4,766	4,822	5,134	5,339	5,722	6,166	6,657	7,045	7,062	7,132	7,251	7,103	6,923	6,839	6,508	6,297	6,181	6,013	5,527	5,041	
174	6/23/2017	MDT	4,862	4,667	4,473	4,257	4,486	4,653	4,708	4,885	4,910	4,954	5,050	5,061	5,079	5,106	5,076	4,982	5,027	5,031	4,986	4,925	4,935	4,952	4,639	4,284	
175	6/24/2017	MDT	3,983	3,992	4,020	4,017	3,998	4,009	4,084	4,188	4,258	4,407	4,549	4,661	4,725	4,746	4,903	4,981	5,123	5,243	5,292	5,180	5,195	5,148	4,859	4,492	
176	6/25/2017	MDT	4,331	4,097	3,924	3,855	3,941	3,904	3,832	3,951	4,134	4,312	4,476	4,610	4,673	4,720	4,813	4,955	5,199	5,405	5,487	5,405	5,354	5,280	4,864	4,438	
177	6/26/2017	MDT	4,216	4,200	4,121	4,072	4,135	4,190	4,467	4,718	5,032	5,280	5,520	5,767	6,000	6,249	6,519	6,781	6,872	7,054	7,066	6,828	6,599	6,346	5,795	5,369	
178	6/27/2017	MDT	4,962	4,660	4,484	4,414	4,446	4,602	4,762	5,138	5,392	5,722	6,116	6,409	6,788	7,117	7,194	7,340	7,428	7,551	7,490	7,286	6,920	6,558	6,021	5,443	
179	6/28/2017	MDT	4,964	4,750	4,490	4,406	4,441	4,529	4,726	4,984	5,252	5,477	5,737	6,011	6,304	6,498	6,695	6,888	6,972	7,039	6,920	6,715	6,506	6,271	5,796	5,372	
180	6/29/2017	MDT	4,990	4,714	4,535	4,434	4,460	4,565	4,716	5,003	5,268	5,565	5,824	6,078	6,303	6,528	6,652	6,735	6,738	6,547	6,395	6,126	5,944	5,772	5,293	5,069	
181	6/30/2017	MDT	4,700	4,453	4,300	4,243	4,289	4,433	4,528	4,771	4,931	5,048	5,059	5,124	5,238	5,325	5,413	5,550	5,739	5,804	5,838	5,716	5,540	5,487	5,088	4,615	
182	7/1/2017	MDT	4,447	4,309	4,146	4,054	4,031	3,999	3,983	4,181	4,379	4,619	4,858	5,058	5,261	5,458	5,703	6,004	6,269	6,493	6,518	6,337	6,044	5,823	5,364	4,877	
183	7/2/2017	MDT	4,634	4,475	4,273	4,153	4,111	4,078	4,051	4,253	4,499	4,829	5,204	5,624	5,988	6,180	6,146	6,092	6,132	6,127	6,037	5,866	5,785	5,667	5,249	4,952	8,530
184	7/3/2017	MDT	4,649	4,433	4,288	4,219	4,259	4,322	4,423	4,646	4,903	5,243	5,588	5,960	6,253	6,515	6,701	6,680	6,692	6,783	6,632	6,377	6,090	5,876	5,430	5,125	
185	7/4/2017	MDT	4,842	4,563	4,395	4,276	4,244	4,136	4,148	4,337	4,682	5,069	5,510	5,918	6,257	6,512	6,591	6,762	6,869	6,878	6,569	6,252	5,954	5,674	5,446	5,176	
186	7/5/2017	MDT	4,801	4,530	4,347	4,265	4,299	4,362	4,587	4,871	5,275	5,678	6,103	6,546	6,965	7,369	7,719	7,831	8,059	8,127	7,982	7,748	7,609	7,229	6,514	5,967	
187	7/6/2017	MDT	5,517	5,159	4,925	4,792	4,792	4,864	5,002	5,329	5,720	6,182	6,622	7,045	7,388	7,780	8,010	8,074	7,954	7,615	7,416	7,194	6,888	6,585	6,028	5,609	
188	7/7/2017	MDT	5,236	4,978	4,775	4,659	4,664	4,712	4,872	5,160	5,516	5,883	6,185	6,556	6,879	7,163	7,292	7,161	7,065	6,874	6,611	6,408	6,145	6,004	5,560	5,207	
189	7/8/2017	MDT	4,950	4,692	4,511	4,414	4,364	4,395	4,404	4,566	4,813	5,162	5,504	5,865	6,172	6,416	6,758	6,832	6,659	6,621	6,566	6,457	6,235	6,051	5,573	5,254	
190	7/9/2017	MDT	4,959	4,623	4,424	4,294	4,245	4,211	4,169	4,334	4,664	5,087	5,521	5,951	6,349	6,707	7,015	7,241	7,312	7,293	7,141	6,916	6,647	6,376	5,776	5,340	
191	7/10/2017	MDT	5,000	4,736	4,560	4,483	4,518	4,679	4,778	5,157	5,600	6,002	6,416	6,840	7,260	7,487	7,652	7,701	7,578	7,430	7,144	6,806	6,675	6,457	5,878	5,318	
192	7/11/2017	MDT	4,933	4,853	4,763	4,673	4,692	4,860	5,125	5,538	5,835	6,116	6,550	6,942	7,315	7,616	7,814	7,985	8,058	7,847	7,514	7,065	6,784	6,493	5,931	5,449	
193	7/12/2017	MDT	5,144	4,988	4,838	4,759	4,817	4,969	5,314	5,508	5,648	5,887	6,094	6,270	6,332	6,352	6,300	6,234	6,165	6,186	6,070	5,935	5,862	5,715	5,244	4,795	
194	7/13/2017	MDT	4,563	4,438	4,360	4,327	4,386	4,531	4,797	5,095	5,355	5,532	5,755	6,086	6,359	6,665	6,952	7,139	7,238	7,191	6,973	6,748	6,483	6,338	5,875	5,300	
195	7/14/2017	MDT	4,884	4,614	4,537	4,478	4,496	4,630	4,877	5,153	5,453	5,698	6,019	6,341	6,635	6,951	7,162	7,238	7,129	6,858	6,530	6,257	6,108	5,968	5,518	5,065	
196	7/15/2017	MDT	4,829	4,572	4,414	4,324	4,410	4,435	4,512	4,616	4,850	5,013	5,225	5,439	5,612	5,741	5,901	6,070	6,144	5,896	5,698	5,574	5,495	5,406	5,045	4,750	
197	7/16/2017	MDT	4,495	4,313	4,167	4,085	4,044	3,974	3,967	4,070	4,340	4,641	4,934	5,227	5,520	5,815	6,134	6,459	6,769	6,979	6,885	6,612	6,423	6,199	5,658	5,169	
198	7/17/2017	MDT	4,884	4,635	4,464	4,383	4,358	4,478	4,676	5,089	5,497	5,870	6,212	6,649	7,029	7,419	7,754	7,946	7,985	7,862	7,518	7,162	6,991	6,702	5,982	5,435	
199	7/18/2017	MDT	5,108	4,921	4,738	4,626	4,675	4,834	5,121	5,405	5,796	6,151	6,546	6,907	7,280	7,605	7,787	7,849	7,869	7,854	7,583	7,294	6,989	6,750	6,132	5,697	
200	7/19/2017	MDT	5,336	5,065	4,918	4,813	4,820	4,887	5,177	5,502	5,951	6,430	6,877	7,311	7,734	8,120	8,432	8,530	8,450	8,122	7,684	7,171	6,996	6,686	6,118	5,583	
201	7/20/2017	MDT	5,372	5,122	4,903	4,750	4,801	4,923	5,111	5,510	5,909	6,205	6,576	6,895	7,245	7,614	7,949	7,905	7,582	7,372	7,111	6,861	6,731	6,477	5,918	5,397	
202	7/21/2017	MDT	5,166	4,975	4,795	4,725	4,738	4,886	5,145	5,490	5,883	6,304	6,633	7,039	7,390	7,676	7,799	7,665	7,320	6,993	6,533	6,221	6,130	5,905	5,643	5,242	
203	7/22/2017	MDT	4,935	4,670	4,523	4,435	4,388	4,411	4,396	4,642	4,890	5,187	5,492	5,787	6,086	6,335	6,564	6,719	6,828	6,896	6,860	6,648	6,418	6,208	5,786	5,325	
204	7/23/2017	MDT	5,036	4,788	4,549	4,383	4,314	4,304	4,307	4,493	4,814	5,152	5,542	5,955	6,358	6,607	6,697	6,895	7,089	7,174	7,163	6,934	6,693	6,405	5,921	5,397	
205	7/24/2017	MDT	5,062	4,888	4,708	4,612	4,659	4,849	5,120	5,452	5,823	6,198	6,654	7,088	7,478	7,847	8,104	8,231	8,228	8,192	8,110	7,737	7,439	7,040	6,330	5,863	
206	7/25/2017	MDT	5,416	5,101	4,885	4,764	4,797	5,021	5,204	5,504	5,741	6,000	6,294	6,616	6,915	7,283	7,542	7,451	7,217	6,886	6,556	6,340	6,304	6,082	5,700	5,331	
207	7/26/2017	MDT	5,054	4,777	4,605	4,587	4,549	4,748	4,931	5,265	5,580	5,929	6,257	6,577	6,897	7,161	7,406	7,011	6,996	6,893	6,647	6,376	6,242	5,925	5,424	5,042	
208	7/27/2017	MDT	4,880	4,687	4,553	4,477	4,530	4,708	4,837	5,120	5,458	5,745	5,990	6,235	6,543	6,898	7,143	7,438	7,570	7,594	7,397	7,092	6,909	6,660	6,098	5,686	
209	7/28/2017	MDT	5,276	4,993	4,799	4,672	4,694	4,762	4,995	5,280	5,601	5,921	6,244	6,601	6,956	7,218	7,530	7,650	7,317	6,813	6,429	6,175	6,106	5,913	5,536	5,218	
210	7/29/2017	MDT	4,975	4,772	4,621	4,492	4,405	4,423	4,410	4,630	4,893	5,106	5,244	5,437	5,537	5,543	5,592	5,643	5,675	5,666	5,608	5,539	5,525	5,377	5,021	4,692	

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Transmission Formula Rate Template
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Table 34
WP_Load Factor

12 CP (Average of Column 27) 6,725
Reg Demand (Average of Columns 28-51 & Lines 1- 365) 75
Reserved Capacity Factor 1.12%

Line No	Time		0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	Max
	Date	Zone																									
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)
211	7/30/2017	MDT	4,441	4,272	4,296	4,211	4,164	4,191	4,159	4,270	4,524	4,770	5,113	5,428	5,689	5,969	6,041	6,000	6,017	6,000	5,828	5,630	5,589	5,435	5,065	4,799	7,597
212	7/31/2017	MDT	4,489	4,291	4,168	4,129	4,149	4,309	4,493	4,851	5,194	5,534	5,810	6,129	6,365	6,626	6,831	6,970	7,060	7,143	7,057	6,758	6,492	6,190	5,728	5,288	
213	8/1/2017	MDT	4,876	4,627	4,463	4,379	4,344	4,494	4,664	4,982	5,303	5,591	5,931	6,186	6,419	6,691	6,960	7,161	7,378	7,461	7,293	6,947	6,636	6,290	5,722	5,364	
214	8/2/2017	MDT	4,936	4,677	4,529	4,412	4,497	4,694	4,825	5,023	5,232	5,464	5,781	6,088	6,367	6,692	7,036	7,166	7,060	7,083	6,839	6,525	6,376	6,072	5,586	5,234	
215	8/3/2017	MDT	4,939	4,695	4,525	4,410	4,455	4,620	4,780	4,925	5,071	5,234	5,338	5,454	5,504	5,521	5,536	5,520	5,460	5,392	5,351	5,286	5,360	5,235	4,812	4,558	
216	8/4/2017	MDT	4,407	4,247	4,146	4,054	4,177	4,347	4,609	4,777	4,974	5,052	5,264	5,470	5,718	6,062	6,399	6,630	6,758	6,780	6,521	6,191	5,972	5,667	5,179	4,867	
217	8/5/2017	MDT	4,663	4,437	4,278	4,200	4,187	4,214	4,185	4,354	4,554	4,769	4,995	5,288	5,465	5,658	5,871	6,101	6,192	5,972	5,730	5,489	5,368	5,189	4,867	4,575	
218	8/6/2017	MDT	4,320	4,160	4,040	3,956	3,934	3,866	3,914	3,978	4,199	4,373	4,489	4,615	4,733	4,864	5,061	5,227	5,297	5,363	5,311	5,229	5,280	5,117	4,800	4,499	
219	8/7/2017	MDT	4,279	4,119	4,018	3,992	3,999	4,215	4,476	4,748	4,949	5,100	5,185	5,206	5,243	5,313	5,349	5,347	5,295	5,307	5,316	5,233	5,231	5,018	4,624	4,262	
220	8/8/2017	MDT	4,238	4,137	4,058	4,033	4,097	4,301	4,521	4,721	4,858	4,984	5,139	5,259	5,429	5,597	5,693	5,577	5,497	5,545	5,451	5,351	5,429	5,267	4,916	4,604	
221	8/9/2017	MDT	4,342	4,197	4,101	3,946	3,997	4,052	4,308	4,592	4,810	4,975	5,157	5,322	5,475	5,651	5,836	5,920	5,934	5,980	5,850	5,635	5,592	5,333	4,869	4,590	
222	8/10/2017	MDT	4,403	4,225	4,112	4,092	4,149	4,354	4,570	4,836	4,885	5,067	5,175	5,317	5,580	5,726	5,894	6,023	5,888	5,796	5,592	5,414	5,409	5,230	4,803	4,408	
223	8/11/2017	MDT	4,266	4,201	4,118	4,071	4,097	4,229	4,487	4,648	4,851	5,024	5,152	5,322	5,447	5,561	5,795	5,967	6,072	6,040	5,863	5,688	5,635	5,408	5,213	4,834	
224	8/12/2017	MDT	4,481	4,298	4,172	4,110	4,099	4,087	4,096	4,272	4,430	4,672	4,900	5,103	5,338	5,559	5,794	5,804	5,599	5,663	5,610	5,370	5,382	5,174	4,822	4,653	
225	8/13/2017	MDT	4,388	4,183	4,013	3,945	3,914	3,957	3,963	4,044	4,287	4,482	4,759	5,053	5,351	5,633	5,878	5,851	5,707	5,734	5,700	5,551	5,545	5,306	4,996	4,643	
226	8/14/2017	MDT	4,352	4,172	4,080	4,042	4,128	4,363	4,562	4,912	5,100	5,387	5,653	5,986	6,286	6,572	6,779	6,937	6,926	6,715	6,396	6,176	6,104	5,819	5,433	4,881	
227	8/15/2017	MDT	4,603	4,421	4,273	4,173	4,262	4,529	4,697	4,979	5,153	5,363	5,620	5,826	5,988	6,293	6,514	6,474	6,453	6,372	6,190	5,945	5,741	5,362	4,934	4,579	
228	8/16/2017	MDT	4,422	4,288	4,142	4,132	4,215	4,460	4,716	4,887	4,989	5,162	5,259	5,423	5,594	5,769	5,882	5,958	6,078	6,153	5,995	5,799	5,750	5,458	4,949	4,496	
229	8/17/2017	MDT	4,184	4,024	4,156	4,129	4,202	4,429	4,755	5,015	5,155	5,353	5,532	5,640	5,858	6,061	6,273	6,340	6,524	6,536	6,357	6,114	6,079	5,717	5,146	4,689	
230	8/18/2017	MDT	4,579	4,355	4,258	4,192	4,250	4,468	4,702	4,884	5,120	5,268	5,490	5,732	5,973	6,194	6,564	6,835	7,052	7,139	6,963	6,625	6,412	6,033	5,455	4,949	
231	8/19/2017	MDT	4,724	4,521	4,325	4,268	4,256	4,324	4,393	4,585	4,848	5,099	5,450	5,822	6,154	6,408	6,668	6,899	7,008	6,922	6,670	6,396	6,300	5,958	5,468	4,988	
232	8/20/2017	MDT	4,698	4,450	4,310	4,191	4,145	4,173	4,181	4,355	4,540	4,874	5,186	5,496	5,796	6,066	6,311	6,559	6,775	6,865	6,689	6,420	6,301	5,918	5,451	5,073	
233	8/21/2017	MDT	4,723	4,498	4,371	4,328	4,344	4,494	4,799	5,003	5,348	5,689	6,049	6,192	6,110	6,350	6,624	6,844	7,015	6,977	6,775	6,528	6,386	5,978	5,333	4,786	
234	8/22/2017	MDT	4,681	4,522	4,366	4,318	4,376	4,559	4,850	4,996	5,175	5,411	5,609	5,844	6,056	6,372	6,617	6,753	6,792	6,825	6,568	6,414	6,329	5,952	5,495	5,051	
235	8/23/2017	MDT	4,697	4,510	4,382	4,316	4,271	4,520	4,847	5,021	5,207	5,485	5,798	6,070	6,390	6,687	6,942	7,094	7,071	6,927	6,580	6,281	6,202	5,788	5,214	4,842	
236	8/24/2017	MDT	4,596	4,434	4,333	4,248	4,331	4,486	4,820	4,975	5,209	5,403	5,661	5,829	6,158	6,424	6,610	6,616	6,397	6,130	5,965	5,886	5,883	5,543	5,013	4,661	
237	8/25/2017	MDT	4,525	4,343	4,228	4,180	4,155	4,365	4,593	4,848	5,087	5,309	5,616	5,864	6,142	6,432	6,722	6,942	7,061	7,058	6,907	6,596	6,358	6,071	5,565	5,160	
238	8/26/2017	MDT	4,815	4,588	4,389	4,280	4,267	4,252	4,273	4,447	4,714	5,066	5,403	5,757	6,058	6,346	6,675	6,905	7,058	7,095	6,952	6,607	6,425	6,066	5,593	5,219	
239	8/27/2017	MDT	4,820	4,515	4,308	4,263	4,208	4,224	4,245	4,378	4,551	4,902	5,147	5,434	5,721	6,011	6,297	6,595	6,816	6,962	6,866	6,570	6,377	5,920	5,400	5,008	
240	8/28/2017	MDT	4,683	4,456	4,321	4,283	4,324	4,570	4,819	5,078	5,316	5,572	5,831	6,147	6,450	6,790	7,082	7,280	7,502	7,580	7,361	7,012	6,774	6,266	5,640	5,265	
241	8/29/2017	MDT	4,884	4,640	4,469	4,371	4,431	4,686	4,896	5,146	5,339	5,583	5,887	6,225	6,636	7,009	7,344	7,505	7,597	7,477	7,239	7,003	6,787	6,303	5,795	5,297	
242	8/30/2017	MDT	4,883	4,619	4,480	4,387	4,449	4,594	4,932	5,042	5,245	5,507	5,810	6,126	6,443	6,821	7,092	7,103	7,015	6,886	6,631	6,463	6,391	5,979	5,449	5,079	
243	8/31/2017	MDT	4,759	4,548	4,392	4,352	4,381	4,525	4,892	4,989	5,187	5,416	5,710	5,921	6,203	6,439	6,534	6,649	6,579	6,527	6,236	6,123	6,079	5,755	5,320	5,071	
244	9/1/2017	MDT	4,713	4,516	4,370	4,302	4,299	4,508	4,790	4,978	5,123	5,353	5,642	5,888	6,088	6,369	6,576	6,773	6,894	6,887	6,641	6,328	6,078	5,697	5,214	4,739	
245	9/2/2017	MDT	4,400	4,263	4,085	4,082	4,092	4,144	4,225	4,332	4,534	4,753	4,970	5,226	5,508	5,797	6,105	6,410	6,641	6,769	6,609	6,277	6,053	5,661	5,199	4,849	
246	9/3/2017	MDT	4,550	4,400	4,235	4,118	4,102	4,066	4,050	4,128	4,360	4,737	5,154	5,611	6,012	6,363	6,723	6,998	7,225	7,283	7,063	6,690	6,399	5,955	5,421	5,065	
247	9/4/2017	MDT	4,797	4,523	4,339	4,228	4,215	4,230	4,246	4,281	4,426	4,767	5,136	5,565	5,981	6,351	6,601	6,706	6,764	6,688	6,432	6,222	6,028	5,576	5,177	4,752	
248	9/5/2017	MDT	4,439	4,251	4,143	4,020	4,049	4,196	4,598	4,846	5,000	5,087	5,159	5,215	5,301	5,494											

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Table 34
WP_Load Factor

12 CP (Average of Column 27) 6,725
Reg Demand (Average of Columns 28-51 & Lines 1- 365) 75
Reserved Capacity Factor 1.12%

Line No	Date	Zone	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	Max
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	
253	9/10/2017	MDT	4,582	4,349	4,175	4,072	4,028	3,994	4,017	4,105	4,317	4,632	4,974	5,342	5,713	6,085	6,370	6,502	6,518	6,413	6,229	6,175	5,969	5,618	5,211	4,741	
254	9/11/2017	MDT	4,482	4,356	4,242	4,213	4,283	4,486	4,844	5,124	5,177	5,404	5,667	5,911	6,207	6,521	6,861	6,951	6,860	6,669	6,483	6,395	6,174	5,749	5,264	4,882	
255	9/12/2017	MDT	4,548	4,302	4,169	4,050	4,129	4,295	4,693	4,905	5,105	5,376	5,642	5,888	6,196	6,613	6,932	7,225	7,388	7,303	7,041	6,817	6,510	5,988	5,387	4,959	
256	9/13/2017	MDT	4,602	4,363	4,229	4,178	4,228	4,422	4,802	5,014	5,214	5,567	5,909	6,247	6,399	6,590	6,505	6,595	6,808	6,970	6,763	6,561	6,305	5,846	5,235	4,841	
257	9/14/2017	MDT	4,504	4,291	4,167	4,120	4,021	4,293	4,693	4,895	5,093	5,358	5,649	5,933	6,110	6,443	6,647	6,657	6,492	6,326	6,124	6,084	5,926	5,559	5,062	4,724	
258	9/15/2017	MDT	4,429	4,261	4,122	4,097	4,125	4,342	4,719	4,911	5,015	5,188	5,332	5,525	5,706	5,887	6,160	6,296	6,433	6,297	6,022	5,904	5,708	5,357	4,971	4,564	
259	9/16/2017	MDT	4,243	4,063	3,946	3,870	3,824	3,967	4,110	4,229	4,341	4,485	4,462	4,509	4,566	4,566	4,570	4,627	4,777	4,865	4,835	5,002	4,934	4,742	4,431	4,213	
260	9/17/2017	MDT	4,021	3,897	3,751	3,685	3,674	3,723	3,821	3,868	4,007	4,153	4,267	4,368	4,482	4,628	4,740	4,768	4,782	4,889	4,888	5,091	5,013	4,776	4,436	4,071	
261	9/18/2017	MDT	3,869	3,750	3,688	3,697	3,779	4,053	4,494	4,698	4,763	4,810	5,051	5,179	5,243	5,384	5,587	5,801	5,976	6,088	5,995	5,941	5,697	5,419	4,859	4,414	
262	9/19/2017	MDT	4,157	4,002	3,905	3,869	3,984	4,220	4,688	4,800	4,925	4,952	5,024	5,216	5,353	5,524	5,778	5,960	6,188	6,186	5,897	5,685	5,426	5,157	4,668	4,290	
263	9/20/2017	MDT	4,046	3,911	3,830	3,788	3,914	4,005	4,441	4,617	4,676	4,738	4,752	4,875	4,948	5,071	5,179	5,375	5,525	5,576	5,551	5,644	5,530	5,183	4,702	4,310	
264	9/21/2017	MDT	4,109	3,956	3,851	3,863	3,828	4,060	4,508	4,695	4,834	4,941	5,156	5,308	5,468	5,682	5,914	6,187	6,401	6,476	6,294	6,117	5,931	5,537	5,116	4,673	
265	9/22/2017	MDT	4,379	4,155	4,025	3,974	4,031	4,242	4,592	4,676	4,802	4,938	5,062	5,216	5,342	5,506	5,640	5,518	5,410	5,370	5,250	5,270	5,117	4,886	4,540	4,197	
266	9/23/2017	MDT	4,067	3,912	3,812	3,771	3,768	3,871	4,057	4,205	4,367	4,438	4,514	4,545	4,532	4,467	4,493	4,491	4,640	4,755	4,824	4,821	4,831	4,663	4,373	4,094	
267	9/24/2017	MDT	3,793	3,666	3,638	3,612	3,620	3,703	3,858	4,009	4,227	4,318	4,408	4,467	4,483	4,506	4,473	4,518	4,620	4,753	4,864	4,931	4,787	4,529	4,212	3,979	
268	9/25/2017	MDT	3,810	3,720	3,673	3,697	3,807	4,119	4,602	4,814	4,926	4,943	4,978	4,943	4,893	4,820	4,851	4,871	4,923	5,042	5,133	5,228	5,071	4,803	4,390	4,087	
269	9/26/2017	MDT	3,994	3,918	3,848	3,872	3,966	4,238	4,643	4,835	4,854	4,830	4,797	4,738	4,733	4,762	4,784	4,846	4,874	4,981	5,096	5,207	5,044	4,738	4,386	4,162	
270	9/27/2017	MDT	3,918	3,846	3,820	3,798	3,909	4,211	4,640	4,848	4,905	4,952	5,031	5,037	4,994	4,972	4,949	4,931	4,942	4,990	5,065	5,186	4,969	4,738	4,471	4,117	
271	9/28/2017	MDT	3,988	3,891	3,816	3,814	3,937	4,207	4,571	4,815	4,884	4,859	4,878	4,835	4,817	4,824	4,842	4,836	4,858	4,900	5,014	5,127	4,953	4,704	4,342	4,080	
272	9/29/2017	MDT	3,931	3,835	3,753	3,761	3,872	3,989	4,414	4,651	4,702	4,731	4,750	4,768	4,731	4,756	4,742	4,741	4,778	4,762	4,801	4,882	4,800	4,581	4,320	4,023	
273	9/30/2017	MDT	4,009	3,945	3,859	3,833	3,849	3,957	4,066	4,174	4,221	4,329	4,340	4,390	4,410	4,445	4,442	4,439	4,475	4,531	4,656	4,804	4,681	4,501	4,225	4,032	
274	10/1/2017	MDT	3,878	3,772	3,770	3,710	3,720	3,796	3,846	3,912	3,980	4,119	4,208	4,298	4,391	4,438	4,513	4,707	4,740	4,787	4,905	4,892	4,738	4,473	4,209	3,930	
275	10/2/2017	MDT	3,734	3,649	3,574	3,519	3,629	3,923	4,428	4,731	4,834	4,924	4,980	5,011	5,018	5,043	5,031	5,053	5,177	5,338	5,514	5,549	5,371	5,041	4,608	4,342	
276	10/3/2017	MDT	4,191	4,093	4,050	4,020	4,060	4,361	4,797	4,994	5,034	5,040	4,905	4,810	4,779	4,795	4,792	4,761	4,799	4,880	5,081	5,175	5,025	4,741	4,396	4,275	
277	10/4/2017	MDT	4,099	3,999	3,896	3,968	4,058	4,305	4,615	4,840	4,848	4,798	4,803	4,800	4,815	4,830	4,824	4,910	4,997	5,075	5,131	5,244	5,096	4,800	4,466	4,249	
278	10/5/2017	MDT	4,071	3,969	3,860	3,812	3,879	4,142	4,516	4,743	4,756	4,782	4,783	4,805	4,820	4,882	4,916	4,945	4,962	4,964	5,076	5,195	5,011	4,756	4,434	4,273	
279	10/6/2017	MDT	4,083	3,949	3,895	3,887	3,910	4,000	4,474	4,706	4,789	4,818	4,820	4,829	4,840	4,900	4,886	4,929	4,921	4,830	4,848	5,016	4,916	4,710	4,378	4,079	
280	10/7/2017	MDT	4,024	4,028	3,949	3,912	3,950	4,038	4,170	4,325	4,387	4,358	4,402	4,404	4,370	4,366	4,437	4,515	4,626	4,727	4,802	4,885	4,765	4,529	4,298	4,113	
281	10/8/2017	MDT	3,976	3,904	3,793	3,725	3,614	3,703	3,798	3,853	3,996	4,048	4,096	4,106	4,110	4,160	4,208	4,320	4,479	4,625	4,800	4,933	4,778	4,543	4,297	4,074	
282	10/9/2017	MDT	3,987	3,912	3,884	3,906	3,989	4,236	4,739	4,978	5,174	5,289	5,381	5,381	5,340	5,272	5,210	5,206	5,227	5,285	5,388	5,516	5,366	5,068	4,690	4,503	
283	10/10/2017	MDT	4,412	4,285	4,252	4,336	4,441	4,657	5,114	5,222	5,160	5,101	5,042	4,943	4,855	4,748	4,724	4,715	4,788	4,892	5,108	5,227	5,115	5,018	4,749	4,407	
284	10/11/2017	MDT	4,233	4,161	4,109	4,136	4,218	4,450	4,901	5,042	4,963	4,908	4,844	4,823	4,783	4,798	4,870	4,864	4,913	4,983	5,099	5,182	5,031	4,775	4,590	4,304	
285	10/12/2017	MDT	4,073	4,015	3,989	3,937	4,084	4,255	4,690	4,918	4,814	4,777	4,797	4,850	4,857	4,915	4,987	5,026	5,088	5,149	5,190	5,209	5,119	4,967	4,583	4,231	
286	10/13/2017	MDT	4,007	3,928	3,791	3,785	3,819	4,027	4,461	4,668	4,718	4,670	4,651	4,612	4,590	4,609	4,641	4,660	4,682	4,738	4,869	4,918	4,778	4,572	4,261	3,994	
287	10/14/2017	MDT	3,870	3,811	3,731	3,683	3,753	3,947	4,395	4,133	4,242	4,297	4,352	4,382	4,357	4,395	4,430	4,432	4,491	4,537	4,783	4,836	4,702	4,543	4,299	4,070	
288	10/15/2017	MDT	3,898	3,830	3,871	3,860	3,893	3,998	4,181	4,189	4,262	4,263	4,232	4,207	4,161	4,142	4,149	4,233	4,358	4,541	4,792	4,859	4,732	4,511	4,287	4,121	
289	10/16/2017	MDT	3,966	3,886	3,854	3,780	3,911	4,129	4,659	4,889	4,872	4,869	4,860	4,847	4,886	4,917	4,908	4,913	4,931	5,077	5,230	5,258	5,052	4,736	4,335	4,067	
290	10/17/2017	MDT	3,859	3,746	3,702	3,723	3,863	4,181	4,664	4,918	4,857	4,814	4,807	4,828	4,867	4,910	4,925	5,024	5,015	5,055	5,178	5,193	4,999	4,735	4,336	4,226	
291	10/18/2017	MDT	4,092	3,978	3,909	3,921	3,909	4,153	4,631	4,812	4,865	4,863	4,843	4,799	4,828	4,959	4,962	5,074	5,153	5,194	5,246	5,246	5,054	4,780	4,548	4,226	
292	10/19/2017	MDT	4,068	3,979	3,930	3,919	3,971	4,212	4,720	4,849	4,833	4,820	4,852	4,865	4,890	4,951	4,916	5,008	5,034	5,028	5,155	5,147	5,013	4,820	4,469	4,218	
293	10/20/2017	MDT	4,024	3,943	3,869	3,814	3,872	4,033	4,513	4,731	4,748	4,780	4,851	4,846	4,886	4,960	5,052	5,049	5,047	5,057	5,151	5,067	4,907	4,663	4,349	4,090	
294	10/21/2017	MDT	4,124	3,973	3,926	3,882	3,936	4,047	4,260	4,354	4,486	4,512	4,433	4,408	4,354	4,300	4,268	4,254	4,369	4,532	4,817	4,876	4,784	4,624	4,395	4,146	

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Reg Demand (Average of Columns 28-51 & Lines 1- 365) 75
Reserved Capacity Factor 1.12%

Line No	Time																										Max
	Date	Zone	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)
295	10/22/2017	MDT	3,958	3,862	3,817	3,838	3,870	3,963	4,140	4,273	4,390	4,317	4,278	4,264	4,259	4,325	4,344	4,382	4,472	4,617	4,915	4,914	4,770	4,505	4,289	4,115	6,033
296	10/23/2017	MDT	3,933	3,840	3,788	3,803	3,913	4,185	4,639	4,902	4,867	4,952	4,928	4,907	4,816	4,736	4,719	4,736	4,779	4,927	5,247	5,252	5,089	4,822	4,454	4,251	
297	10/24/2017	MDT	4,187	4,125	4,073	4,057	4,181	4,428	4,875	5,093	5,067	4,927	4,841	4,761	4,734	4,731	4,705	4,745	4,822	4,925	5,180	5,192	5,028	4,773	4,392	4,209	
298	10/25/2017	MDT	4,171	4,082	4,055	4,071	4,115	4,376	4,820	5,034	4,943	4,872	4,850	4,871	4,916	4,984	5,052	5,114	5,157	5,204	5,339	5,301	5,089	4,793	4,519	4,328	
299	10/26/2017	MDT	4,089	3,939	3,924	3,963	4,051	4,343	4,713	4,993	4,983	4,841	4,862	4,953	5,024	5,046	5,033	5,059	5,169	5,368	5,573	5,481	5,324	5,047	4,664	4,343	
300	10/27/2017	MDT	4,176	4,285	4,301	4,307	4,439	4,774	5,180	5,393	5,290	5,204	5,102	4,981	4,878	4,851	4,820	4,809	4,889	5,062	5,279	5,167	5,051	4,882	4,575	4,310	
301	10/28/2017	MDT	4,120	3,993	3,933	3,918	4,087	4,227	4,444	4,668	4,713	4,718	4,877	4,939	4,880	4,748	4,692	4,691	4,547	4,599	4,865	4,881	4,785	4,616	4,371	4,077	
302	10/29/2017	MDT	4,095	3,934	3,883	3,902	4,021	4,115	4,287	4,427	4,390	4,375	4,303	4,252	4,276	4,285	4,293	4,379	4,506	4,679	4,944	4,913	4,762	4,516	4,233	4,023	
303	10/30/2017	MDT	3,977	3,915	3,926	3,970	4,085	4,353	4,920	5,190	5,265	5,349	5,336	5,443	5,411	5,383	5,284	5,223	5,322	5,507	5,721	5,575	5,405	5,115	4,694	4,366	
304	10/31/2017	MDT	4,227	4,289	4,298	4,313	4,416	4,701	5,135	5,320	5,336	5,335	5,219	5,038	4,903	4,903	4,904	4,835	4,926	5,064	5,280	5,207	5,095	4,916	4,538	4,237	
305	11/1/2017	MDT	4,123	4,093	4,031	4,135	4,177	4,438	4,859	5,111	5,099	5,054	5,056	5,094	5,046	5,045	5,004	4,883	4,936	5,070	5,343	5,283	5,084	4,826	4,423	4,043	
306	11/2/2017	MDT	3,896	3,898	4,004	3,965	4,020	4,336	4,745	5,089	5,106	5,128	5,120	5,026	4,895	4,813	4,765	4,775	4,861	5,027	5,305	5,246	5,148	4,944	4,595	4,415	
307	11/3/2017	MDT	4,346	4,272	4,248	4,226	4,317	4,583	4,979	5,249	5,199	5,176	5,002	4,854	4,765	4,719	4,723	4,701	4,769	4,884	5,122	5,065	4,922	4,711	4,472	4,222	
308	11/4/2017	MDT	4,051	3,931	3,830	3,838	3,951	4,064	4,306	4,435	4,486	4,500	4,491	4,467	4,437	4,520	4,588	4,613	4,679	4,864	5,062	4,939	4,826	4,562	4,286	4,042	
309	11/5/2017	MDT	3,856	3,738	3,672	3,696	3,759	3,916	4,077	4,197	4,322	4,375	4,403	4,415	4,398	4,385	4,409	4,519	4,797	5,227	5,208	5,084	4,959	4,865	4,555	4,306	
310	11/6/2017	MST	4,149	4,071	4,062	4,123	4,191	4,514	4,952	5,139	5,183	5,187	5,221	5,195	5,128	5,168	5,126	5,105	5,326	5,738	5,744	5,551	5,349	5,074	4,844	4,610	
311	11/7/2017	MST	4,450	4,378	4,359	4,311	4,464	4,718	5,121	5,345	5,396	5,431	5,434	5,428	5,446	5,474	5,483	5,576	5,774	6,033	5,953	5,764	5,554	5,227	4,863	4,693	
312	11/8/2017	MST	4,630	4,562	4,533	4,548	4,617	4,862	5,342	5,421	5,339	5,229	5,127	5,005	4,926	4,898	4,892	4,964	5,163	5,579	5,569	5,437	5,239	4,989	4,632	4,365	
313	11/9/2017	MST	4,394	4,365	4,285	4,212	4,387	4,633	5,100	5,295	5,310	5,252	5,163	5,091	4,900	4,813	4,853	4,948	5,193	5,643	5,635	5,518	5,386	5,062	4,847	4,659	
314	11/10/2017	MST	4,479	4,400	4,378	4,343	4,440	4,727	5,073	5,214	5,121	5,003	4,883	4,827	4,819	4,782	4,806	4,838	4,961	5,302	5,296	5,187	5,014	4,849	4,574	4,315	
315	11/11/2017	MST	4,160	4,167	4,268	4,261	4,263	4,363	4,559	4,661	4,573	4,575	4,524	4,482	4,422	4,388	4,386	4,485	4,707	5,126	5,125	5,012	4,900	4,744	4,576	4,406	
316	11/12/2017	MST	4,253	4,231	4,076	4,068	4,093	4,157	4,295	4,377	4,392	4,400	4,382	4,382	4,463	4,411	4,381	4,508	4,831	5,290	5,288	5,155	5,011	4,785	4,629	4,360	
317	11/13/2017	MST	4,188	4,119	4,046	3,990	4,145	4,381	4,841	4,925	4,841	4,842	4,833	4,854	4,837	4,858	4,886	4,968	5,085	5,462	5,402	5,245	5,041	4,698	4,591	4,353	
318	11/14/2017	MST	4,198	4,081	4,078	4,107	4,161	4,410	4,826	5,005	4,971	4,931	4,964	4,911	4,870	4,915	4,958	4,974	5,150	5,518	5,415	5,275	5,254	5,131	4,771	4,471	
319	11/15/2017	MST	4,324	4,267	4,249	4,243	4,266	4,556	5,044	5,165	5,072	4,951	4,906	4,861	4,831	4,888	4,983	5,010	5,143	5,529	5,520	5,366	5,228	5,062	4,885	4,591	
320	11/16/2017	MST	4,413	4,343	4,296	4,327	4,372	4,580	5,028	5,122	5,054	4,966	4,962	4,978	4,942	4,972	4,989	5,010	5,209	5,506	5,426	5,288	5,104	4,808	4,649	4,388	
321	11/17/2017	MST	4,181	4,059	4,012	3,993	3,977	4,280	4,703	4,782	4,833	4,889	4,937	4,926	4,881	4,901	4,907	4,938	5,162	5,398	5,359	5,255	5,126	4,982	4,802	4,592	
322	11/18/2017	MST	4,423	4,373	4,315	4,285	4,366	4,432	4,614	4,745	4,690	4,702	4,690	4,644	4,615	4,559	4,537	4,619	4,936	5,335	5,314	5,212	5,069	4,941	4,770	4,715	
323	11/19/2017	MST	4,559	4,492	4,417	4,367	4,303	4,409	4,497	4,540	4,674	4,672	4,562	4,497	4,481	4,519	4,589	4,691	4,938	5,351	5,328	5,203	5,072	4,842	4,680	4,559	
324	11/20/2017	MST	4,396	4,299	4,290	4,289	4,403	4,667	5,021	5,172	5,189	5,174	5,132	5,058	4,985	5,081	5,133	5,092	5,236	5,571	5,570	5,393	5,210	4,943	4,580	4,386	
325	11/21/2017	MST	4,340	4,229	4,202	4,185	4,242	4,480	4,868	5,011	5,106	5,205	5,192	5,153	5,086	5,023	5,038	5,103	5,331	5,675	5,623	5,489	5,335	5,076	4,848	4,674	
326	11/22/2017	MST	4,490	4,396	4,345	4,347	4,465	4,621	4,900	4,980	5,029	4,994	4,991	4,972	4,949	4,967	4,976	5,018	5,160	5,467	5,299	5,215	5,058	4,854	4,598	4,487	
327	11/23/2017	MST	4,261	4,131	4,024	3,995	3,990	4,044	4,228	4,253	4,360	4,466	4,561	4,604	4,620	4,606	4,542	4,466	4,493	4,608	4,503	4,430	4,375	4,273	4,089	3,923	
328	11/24/2017	MST	3,985	3,921	3,873	3,874	3,953	4,129	4,322	4,299	4,409	4,476	4,393	4,473	4,416	4,360	4,464	4,514	4,680	4,999	4,922	4,808	4,712	4,537	4,301	4,100	
329	11/25/2017	MST	4,032	4,050	3,999	3,984	4,034	4,059	4,251	4,362	4,301	4,312	4,324	4,317	4,294	4,271	4,283	4,368	4,619	4,990	4,959	4,877	4,768	4,608	4,343	4,316	
330	11/26/2017	MST	4,146	4,048	3,985	3,926	3,889	3,986	4,035	4,136	4,226	4,274	4,307	4,323	4,336	4,359	4,440	4,504	4,789	5,230	5,205	5,068	4,888	4,597	4,267	4,171	
331	11/27/2017	MST	4,017	3,925	3,891	3,929	3,942	4,283	4,688	4,827	4,795	4,828	4,875	4,923	4,963	5,009	5,054	5,072	5,252	5,591	5,496	5,397	5,201	4,865	4,506	4,380	
332	11/28/2017	MST	4,206	4,119	4,100	4,110	4,252	4,526	5,002	5,253	5,184	5,190	5,178	5,035	4,919	4,888	4,896	4,978	5,279	5,742	5,742	5,625					

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Table 34
WP_Load Factor

12 CP (Average of Column 27) 6,725
Reg Demand (Average of Columns 28-51 & Lines 1- 365) 75
Reserved Capacity Factor 1.12%

Line No	Time		0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	Max
	Date	Zone																									
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)
337	12/3/2017	MST	4,259	4,205	4,137	4,125	4,147	4,159	4,347	4,450	4,508	4,576	4,519	4,550	4,550	4,526	4,528	4,614	5,003	5,476	5,466	5,340	5,176	4,914	4,659	4,426	
338	12/4/2017	MST	4,238	4,153	4,143	4,209	4,391	4,683	5,194	5,306	5,346	5,314	5,270	5,177	5,141	5,127	5,166	5,287	5,673	6,202	6,203	6,076	5,893	5,573	5,140	4,780	
339	12/5/2017	MST	4,570	4,653	4,732	4,748	4,876	5,076	5,504	5,694	5,539	5,393	5,295	5,199	5,180	5,302	5,320	5,380	5,581	6,044	6,083	5,964	5,818	5,496	5,089	4,792	
340	12/6/2017	MST	4,774	4,728	4,701	4,745	4,710	4,981	5,447	5,645	5,524	5,442	5,379	5,461	5,545	5,570	5,520	5,594	5,921	6,380	6,342	6,229	6,037	5,712	5,287	4,918	
341	12/7/2017	MST	4,734	4,660	4,643	4,672	4,993	5,410	5,819	5,913	5,863	5,750	5,771	5,846	5,822	5,854	5,844	5,787	6,079	6,404	6,321	6,147	5,936	5,642	5,307	4,934	
342	12/8/2017	MST	4,650	4,539	4,543	4,584	4,683	4,929	5,287	5,497	5,492	5,411	5,301	5,278	5,206	5,258	5,224	5,287	5,466	5,877	5,806	5,720	5,579	5,403	5,149	4,835	
343	12/9/2017	MST	4,731	4,636	4,564	4,545	4,633	4,737	4,902	5,017	4,993	4,922	4,872	4,783	4,716	4,616	4,640	4,771	5,067	5,530	5,509	5,415	5,333	5,171	4,941	4,720	
344	12/10/2017	MST	4,675	4,575	4,454	4,462	4,490	4,616	4,675	4,781	4,830	4,716	4,671	4,633	4,598	4,578	4,602	4,739	5,102	5,667	5,691	5,619	5,464	5,203	4,932	4,814	
345	12/11/2017	MST	4,490	4,436	4,426	4,457	4,573	4,837	5,196	5,296	5,282	5,236	5,131	5,112	5,055	5,025	5,110	5,155	5,448	5,965	5,967	5,888	5,730	5,433	5,015	4,630	
346	12/12/2017	MST	4,579	4,595	4,577	4,592	4,617	4,947	5,393	5,558	5,400	5,267	5,151	5,089	5,044	5,052	5,107	5,175	5,413	5,867	5,849	5,729	5,559	5,283	4,869	4,616	
347	12/13/2017	MST	4,516	4,454	4,422	4,391	4,524	4,807	5,280	5,493	5,390	5,309	5,208	5,157	5,080	5,051	5,064	5,162	5,525	5,935	5,907	5,776	5,590	5,353	4,931	4,646	
348	12/14/2017	MST	4,618	4,467	4,456	4,457	4,620	4,882	5,321	5,481	5,468	5,445	5,423	5,399	5,548	5,541	5,556	5,598	5,853	6,224	6,206	6,108	5,984	5,697	5,266	5,107	
349	12/15/2017	MST	4,981	4,878	4,848	4,869	4,972	5,174	5,528	5,721	5,608	5,604	5,483	5,360	5,247	5,111	5,091	5,147	5,446	5,849	5,803	5,682	5,576	5,370	5,040	4,719	
350	12/16/2017	MST	4,502	4,355	4,292	4,243	4,243	4,443	4,687	4,946	5,082	5,136	5,130	4,979	4,829	4,794	4,812	4,847	5,258	5,680	5,690	5,577	5,508	5,333	5,074	4,753	
351	12/17/2017	MST	4,625	4,524	4,412	4,371	4,369	4,387	4,560	4,769	4,978	5,105	5,149	5,058	4,915	4,910	4,915	5,009	5,382	5,901	5,940	5,883	5,752	5,485	5,095	4,732	
352	12/18/2017	MST	4,620	4,692	4,679	4,702	4,846	5,090	5,501	5,727	5,673	5,605	5,506	5,422	5,355	5,196	5,225	5,285	5,599	6,117	6,136	6,010	5,847	5,567	5,118	4,984	
353	12/19/2017	MST	4,770	4,673	4,634	4,559	4,702	4,983	5,418	5,623	5,460	5,391	5,332	5,243	5,168	5,126	5,151	5,220	5,540	6,017	6,056	5,990	5,874	5,652	5,415	5,033	
354	12/20/2017	MST	4,793	4,688	4,497	4,514	4,650	4,855	5,325	5,566	5,475	5,380	5,291	5,221	5,167	5,102	5,100	5,239	5,491	5,924	5,908	5,837	5,704	5,425	5,146	4,928	
355	12/21/2017	MST	4,701	4,603	4,583	4,619	4,794	5,031	5,496	5,792	5,838	5,930	5,984	5,965	5,946	5,916	5,903	5,982	6,285	6,683	6,588	6,439	6,272	5,977	5,718	5,494	
356	12/22/2017	MST	5,249	5,151	5,105	5,090	5,172	5,354	5,734	5,841	5,819	5,718	5,663	5,525	5,338	5,257	5,242	5,343	5,711	6,171	6,157	6,023	5,892	5,668	5,360	5,019	
357	12/23/2017	MST	4,993	4,942	4,886	4,858	4,916	5,017	5,165	5,262	5,325	5,401	5,330	5,199	5,091	5,052	5,070	5,194	5,565	6,001	6,075	6,053	5,969	5,829	5,647	5,429	
358	12/24/2017	MST	5,181	5,050	4,888	4,840	4,893	4,925	5,099	5,278	5,400	5,405	5,389	5,333	5,245	5,197	5,205	5,259	5,534	5,925	5,853	5,709	5,680	5,613	5,375	5,095	
359	12/25/2017	MST	4,886	4,752	4,703	4,570	4,628	4,738	4,909	5,072	5,158	5,159	5,120	5,063	5,013	4,937	4,906	4,972	5,276	5,692	5,670	5,623	5,569	5,418	5,278	5,107	
360	12/26/2017	MST	4,936	4,855	4,842	4,861	4,948	5,082	5,392	5,546	5,754	5,890	5,963	5,959	5,904	5,873	5,831	5,902	6,178	6,641	6,567	6,441	6,262	5,965	5,686	5,478	
361	12/27/2017	MST	5,305	5,212	5,147	5,155	5,166	5,369	5,680	5,771	5,827	5,781	5,646	5,545	5,417	5,355	5,336	5,375	5,652	6,141	6,110	5,991	5,829	5,551	5,229	4,945	
362	12/28/2017	MST	4,769	4,708	4,677	4,692	4,804	4,956	5,285	5,476	5,360	5,290	5,264	5,227	5,203	5,167	5,185	5,248	5,546	6,104	6,098	5,948	5,823	5,616	5,289	5,137	
363	12/29/2017	MST	4,903	4,781	4,724	4,703	4,770	4,972	5,170	5,371	5,374	5,384	5,372	5,205	5,113	5,078	5,065	5,100	5,297	5,754	5,752	5,689	5,674	5,497	5,233	5,051	
364	12/30/2017	MST	4,984	4,893	4,822	4,840	4,854	5,016	5,112	5,294	5,389	5,425	5,323	5,177	5,059	4,993	4,971	5,072	5,401	5,889	5,946	5,867	5,768	5,546	5,213	4,913	
365	12/31/2017	MST	4,693	4,533	4,433	4,404	4,445	4,544	4,714	4,891	5,058	5,156	5,204	5,263	5,276	5,299	5,328	5,427	5,761	6,195	6,156	5,973	5,796	5,613	5,376	5,168	

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Table 34
WP_Load Factor

Line No	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)
1		132	88	87	54	72	20	72	29	15	11	38	33	34	48	96	238	488	31	97	124	202	314	221
2	70	28	26	19	82	82	237	94	17	50	33	5	51	30	104	106	316	553	22	143	132	286	357	261
3	146	1	38	83	144	205	399	243	106	4	28	34	25	105	53	13	246	495	37	101	174	306	193	294
4	227	94	21	45	163	179	447	270	12	38	73	9	19	2	17	92	257	366	33	170	218	335	429	343
5	194	25	103	10	116	184	311	229	21	106	174	5	7	32	39	27	177	393	54	188	212	290	382	134
6	184	85	16	24	127	161	371	265	38	41	96	2	126	68	97	6	202	448	75	139	156	253	206	320
7	207	93	54	17	74	151	148	83	115	59	9	72	91	125	31	43	249	467	66	72	139	217	310	118
8	148	148	139	43	95	75	72	64	127	82	19	31	79	39	8	22	266	500	15	135	180	287	386	155
9	83	138	115	16	57	230	470	272	118	8	105	31	95	7	76	36	164	452	24	146	156	267	380	116
10	142	94	55	42	142	311	310	175	61	47	40	15	75	66	155	112	115	486	26	150	170	309	300	183
11	209	106	68	15	115	267	344	175	51	6	12	126	62	14	19	29	277	530	23	70	153	324	225	239
12	209	111	88	10	67	351	435	173	17	59	11	41	112	50	91	131	255	341	12	146	197	305	179	291
13	224	88	39	27	109	215	315	258	45	73	81	110	142	44	27	38	210	392	2	150	131	245	184	274
14	194	139	17	101	3	80	206	67	153	99	46	9	112	126	70	46	215	399	16	110	120	118	115	259
15	187	117	81	128	3	107	59	163	170	141	71	45	15	17	42	43	249	314	15	159	179	259	342	271
16	31	43	41	19	133	253	369	204	7	142	33	18	46	8	46	29	96	409	14	157	215	368	408	262
17	92	40	31	47	155	275	458	211	81	79	72	100	122	38	72	39	193	520	69	46	148	265	244	194
18	193	66	17	93	75	356	433	219	117	109	93	134	71	80	25	2	193	459	136	81	151	275	390	290
19	68	26	19	23	7	337	414	115	126	103	94	47	79	6	31	14	211	424	100	96	166	281	310	166
20	148	99	37	1	36	269	375	221	78	3	92	43	131	32	116	3	99	293	39	97	157	215	301	146
21	139	40	37	11	73	66	195	169	52	6	72	70	88	61	8	42	186	453	45	103	147	187	264	271
22	57	48	125	9	39	92	186	16	49	26	81	36	18	25	52	98	385	362	108	116	164	290	334	97
23	157	69	17	38	124	216	446	140	69	37	16	51	43	49	7	25	151	416	88	127	224	270	417	333
24	198	176	11	47	134	316	463	129	86	89	132	48	8	2	17	48	140	353	27	137	194	349	364	270
25	155	68	17	22	164	357	451	149	77	67	80	14	75	86	46	42	210	459	111	72	165	325	409	286
26	23	82	25	51	73	323	437	102	84	104	101	89	33	42	34	95	230	402	92	78	173	297	333	226
27	147	84	7	37	146	273	404	161	85	124	24	150	218	11	10	28	55	387	100	133	88	250	259	243
28	41	83	13	5	50	75	114	69	8	17	11	56	98	148	130	13	157	415	130	104	131	181	193	133
29	94	105	50	13	6	25	161	19	89	24	28	72	2	35	19	46	200	487	177	98	149	241	288	133
30	163	49	36	6	85	319	449	185	49	72	49	60	59	8	5	23	129	416	145	133	196	343	334	212
31	187	91	75	36	147	248	497	211	65	71	60	52	3	46	38	21	89	407	159	115	53	349	300	281
32	202	57	25	39	166	322	412	221	18	35	6	14	95	45	111	62	236	295	61	133	176	314	366	114
33	156	97	72	36	85	225	373	213	86	61	17	19	7	61	44	29	113	293	48	153	185	223	379	322
34	181	89	7	11	143	123	452	237	83	52	89	104	97	37	54	12	67	333	97	124	136	242	319	282
35	117	38	73	40	34	4	177	75	32	19	5	53	90	71	55	56	119	388	229	71	122	194	188	171
36	81	117	225	9	24	29	188	112	93	28	24	29	36	4	36	77	111	230	145	88	79	106	301	221
37	44	57	40	63	133	296	420	274	73	76	68	11	25	23	32	30	63	313	227	121	184	317	357	137
38	140	105	37	15	166	197	485	204	88	139	28	36	3	46	4	4	82	314	132	125	159	338	237	263
39	157	72	34	18	127	237	379	155	31	58	44	11	99	54	84	174	14	272	208	98	172	286	176	242
40	194	55	94	11	122	259	331	114	25	13	45	35	1	11	10	23	84	249	195	125	178	312	176	267
41	183	102	130	26	102	183	451	171	38	12	90	15	24	32	25	12	28	159	103	161	170	204	308	205
42	154	42	1	29	4	35	214	47	191	105	37	21	3	0	19	96	113	285	134	131	91	82	166	217

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Table 34
WP_Load Factor

Line No	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)
43	183	170	159	15	34	62	178	160	177	62	31	43	42	15	27	29	179	415	283	107	124	165	337	306
44	160	74	31	21	109	309	498	298	55	32	27	20	65	19	15	49	108	321	224	145	152	239	273	241
45	193	73	67	89	149	331	440	111	128	116	2	51	68	16	23	5	36	273	294	96	128	274	251	134
46	149	83	20	33	98	255	422	120	110	107	95	65	46	4	11	2	87	239	267	56	158	195	230	255
47	161	80	24	87	119	301	407	92	113	20	35	52	60	50	40	18	75	183	194	94	165	290	345	201
48	26	149	43	56	143	317	347	113	20	54	97	36	91	9	44	31	73	185	166	139	138	168	160	176
49	183	98	49	16	61	30	173	117	106	29	20	28	65	61	26	28	93	258	263	98	62	136	267	272
50	179	102	48	107	97	101	163	133	122	8	66	9	13	26	70	54	165	312	199	129	159	250	204	128
51	180	67	27	25	104	204	344	85	1	34	12	12	59	11	14	41	103	266	273	97	190	284	265	237
52	128	92	73	80	141	274	358	74	0	21	65	11	9	27	10	18	58	208	227	113	197	339	150	296
53	203	72	48	7	31	253	518	21	39	24	56	1	22	98	47	96	104	221	266	99	191	231	349	108
54	174	46	26	37	59	238	452	218	111	80	79	8	31	9	15	24	119	217	204	68	180	305	337	130
55	193	82	5	0	100	135	395	206	118	63	35	63	56	1	6	0	39	191	164	101	223	182	321	231
56	140	84	66	2	57	112	171	23	130	54	39	93	124	96	57	11	119	349	326	81	95	212	298	242
57	56	33	82	2	57	108	116	30	41	34	92	59	75	51	22	39	178	348	397	33	109	239	204	255
58	65	83	7	19	27	295	474	118	80	109	15	79	44	25	0	21	124	251	312	94	191	310	359	223
59	122	5	6	59	123	298	357	193	74	25	29	67	6	11	46	54	145	252	244	57	116	344	277	271
60	78	85	20	7	44	323	375	42	126	84	99	92	105	33	15	12	100	289	336	10	126	273	329	240
61	611	479	37	16	49	359	355	55	114	137	58	72	103	60	7	11	113	224	376	73	158	270	271	141
62	111	48	47	78	141	219	286	242	5	13	97	171	142	60	23	7	60	138	277	55	122	214	267	76
63	87	104	37	25	27	126	79	99	144	2	139	23	98	51	20	50	87	185	321	36	146	168	224	148
64	71	94	75	162	12	72	44	139	155	68	6	44	45	67	20	16	128	220	343	58	174	171	228	264
65	155	65	42	88	159	258	438	352	98	56	4	17	77	7	6	41	135	313	327	88	173	372	310	153
66	180	82	10	6	147	207	415	2	114	74	61	95	38	69	49	14	91	227	366	30	169	262	420	284
67	50	38	116	114	156	97	299	112	76	27	29	15	6	8	71	24	42	104	304	12	146	304	465	291
68	10	5	18	39	78	235	448	42	66	44	50	4	44	34	14	13	17	78	276	92	197	391	365	285
69	133	80	32	233	130	279	424	123	3	150	86	83	36	47	33	12	34	111	233	54	168	207	311	308
70	34	4	53	25	40	61	169	239	180	64	58	50	112	49	30	26	43	149	306	7	114	157	236	186
71	113	144	27	28	4	21	149	94	82	127	40	45	117	26	29	11	61	177	165	277	6	197	332	148
72	195	201	25	2	44	326	555	309	22	105	65	23	20	13	56	30	40	90	95	231	45	203	215	323
73	212	124	70	22	45	281	383	229	10	37	41	38	12	76	38	69	87	32	31	222	29	276	289	251
74	199	106	44	74	3	231	480	224	47	54	40	15	57	121	2	20	53	57	11	196	52	290	367	178
75	219	147	67	40	123	238	406	148	126	16	20	64	89	3	12	20	66	118	30	182	36	273	401	165
76	186	131	89	111	74	240	361	228	4	52	72	26	44	33	20	18	36	5	65	140	14	108	227	266
77	236	94	157	119	16	112	125	141	132	58	33	2	18	4	39	59	103	128	31	162	35	210	200	282
78	239	151	4	39	139	47	262	117	161	113	65	27	31	51	43	65	127	150	46	166	15	275	411	343
79	201	108	23	32	125	191	440	279	130	37	121	73	19	2	25	31	13	1	13	139	65	295	366	391
80	182	93	156	21	95	281	497	229	3	32	38	31	39	50	49	56	3	159	19	66	30	278	249	337
81	186	96	53	6	83	298	503	221	10	25	144	49	11	34	67	29	1	8	72	166	79	258	289	305
82	232	81	81	9	113	259	393	196	14	39	46	55	48	4	25	30	69	29	15	155	78	213	283	300
83	210	121	23	24	71	230	446	228	75	73	28	60	60	2	68	78	23	23	24	188	47	203	287	158
84	217	104	35	21	65	107	191	125	35	63	34	39	46	49	38	7	68	80	62	224	15	66	222	292

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Table 34
WP_Load Factor

Line No	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)
85	203	146	61	26	38	100	166	124	122	119	16	8	22	1	12	23	38	115	95	176	13	212	338	171
86	174	75	18	52	104	211	494	156	18	33	50	19	28	9	16	35	31	99	42	130	66	273	255	330
87	198	102	48	1	103	229	380	202	135	149	37	27	6	38	22	18	73	53	39	108	206	321	379	277
88	38	114	3	4	145	276	406	215	117	6	54	220	71	139	91	26	17	5	99	210	58	235	334	267
89	103	97	45	9	5	248	437	210	57	98	82	8	61	48	35	67	5	48	18	145	11	111	357	297
90	230	90	51	11	95	164	378	288	110	188	111	13	8	5	70	18	1	72	39	66	44	215	289	307
91	145	61	75	5	54	118	191	182	222	128	74	106	162	107	31	8	52	96	40	122	15	184	278	269
92	128	37	105	35	38	102	122	52	104	4	22	21	33	20	3	8	86	160	146	196	8	231	339	223
93	137	79	33	30	147	264	442	201	8	35	22	10	47	24	29	2	60	68	154	214	18	254	387	305
94	95	59	76	50	146	302	516	209	103	54	40	15	51	52	80	29	103	119	55	191	50	286	396	212
95	218	86	18	52	77	258	461	177	43	32	35	108	78	62	73	21	23	82	71	179	96	241	399	312
96	168	19	35	23	127	210	454	88	62	27	38	54	35	4	14	29	101	11	20	149	204	232	377	332
97	320	11	69	18	160	282	413	129	32	2	12	15	1	24	3	7	7	3	39	91	45	210	314	341
98	348	84	49	37	31	94	167	155	175	87	58	24	31	32	13	7	155	89	121	52	170	188	197	303
99	207	108	90	25	3	43	48	128	155	121	58	16	6	29	37	104	136	156	116	64	173	208	272	267
100	187	95	14	44	134	330	457	214	5	7	203	49	53	4	11	15	37	69	45	169	64	181	351	361
101	148	78	13	14	20	297	441	136	8	71	65	28	33	21	36	15	23	97	47	120	80	145	385	364
102	204	116	12	30	8	348	458	152	1	17	49	53	59	61	95	40	71	47	7	44	115	83	478	376
103	244	110	73	3	8	261	409	138	72	30	65	29	35	74	9	111	32	17	33	3	105	176	395	368
104	247	115	90	54	57	175	338	225	110	66	75	9	59	84	52	64	15	30	94	30	70	158	287	352
105	266	183	46	33	53	107	66	185	175	81	40	41	111	6	50	65	1	106	100	60	136	114	251	283
106	244	193	87	81	28	89	85	137	147	79	16	13	5	21	15	53	115	114	45	132	157	194	278	287
107	186	99	60	84	89	313	378	253	14	76	154	78	38	84	92	15	1	63	42	15	85	266	443	292
108	201	157	70	20	113	226	325	241	33	94	24	32	35	43	54	139	18	75	19	17	196	260	519	377
109	220	128	76	66	133	107	384	244	101	106	88	88	9	39	5	78	41	5	58	45	171	290	305	329
110	242	117	66	9	115	199	338	191	54	20	17	6	70	83	49	8	59	64	56	16	35	189	258	166
111	159	109	57	7	96	254	231	224	64	19	35	48	76	32	25	1	27	41	13	90	65	200	284	282
112	108	122	36	21	48	112	132	87	178	77	38	140	58	87	59	53	72	120	55	87	206	135	234	140
113	190	104	56	72	120	8	70	209	30	115	14	26	8	9	30	95	133	116	127	52	151	223	306	227
114	286	97	43	2	105	192	335	305	90	18	81	98	3	54	24	11	17	13	10	2	83	238	333	136
115	174	126	50	22	102	238	252	153	38	1	18	19	23	26	29	14	81	98	61	82	47	241	281	180
116	166	107	54	18	169	224	283	65	22	38	33	30	3	9	85	22	17	90	26	81	130	199	370	218
117	41	114	28	18	132	257	290	56	98	3	6	67	21	26	135	36	1	168	56	1	180	214	355	254
118	74	47	8	1	42	283	215	146	14	27	46	52	63	13	77	71	13	159	24	85	38	224	109	297
119	167	96	1	28	37	14	138	155	181	149	98	22	24	76	40	17	38	77	19	15	118	102	271	273
120	45	143	63	28	25	83	62	88	70	6	89	46	74	79	61	18	74	123	74	170	181	204	362	349
121	103	98	23	43	109	326	362	142	45	7	76	99	50	34	26	4	12	64	26	76	126	234	406	337
122	197	78	57	27	170	309	380	245	17	23	19	48	36	9	34	4	11	97	36	7	102	240	394	289
123	204	88	96	165	173	258	265	111	140	156	33	80	86	159	131	88	142	63	4	55	181	150	419	273
124	183	107	38	164	194	182	316	31	95	5	7	2	9	34	47	17	40	78	22	4	151	220	404	256
125	151	69	75	2	60	206	205	253	0	103	67	67	28	85	61	53	77	65	77	96	52	180	373	353
126	110	55	111	49	13	46	70	165	23	155	130	141	71	141	149	62	32	26	17	49	74	171	339	183

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Table 34
WP_Load Factor

Line No	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)
127	136	146	140	110	15	30	8	69	134	141	137	152	87	108	38	173	77	9	63	14	157	190	292	196
128	216	124	57	7	85	256	233	179	136	105	95	71	97	102	58	77	63	53	8	6	58	249	346	290
129	60	108	80	9	86	166	343	176	73	48	58	55	8	66	14	87	25	36	21	11	80	189	412	368
130	35	37	77	7	67	185	359	128	101	131	81	20	27	42	28	14	68	77	18	5	18	213	378	197
131	119	87	76	19	100	274	228	240	43	36	12	48	8	2	19	39	57	89	26	4	140	136	437	350
132	132	15	29	2	38	241	301	118	32	27	99	69	91	79	67	15	83	102	55	108	21	133	220	267
133	252	301	4	39	9	48	53	121	166	119	128	106	85	109	104	136	117	79	72	116	45	130	381	377
134	128	188	146	88	21	3	30	128	109	64	14	49	39	74	110	189	157	67	18	5	139	117	366	395
135	255	138	85	2	7	213	242	331	156	87	69	51	117	142	129	119	53	32	7	94	11	199	329	326
136	304	178	74	39	30	39	288	343	142	49	134	88	91	66	12	47	72	4	95	18	8	161	246	255
137	230	113	73	14	2	213	248	174	117	82	63	20	43	164	73	44	44	1	35	3	61	273	262	136
138	210	90	93	59	108	210	256	335	150	98	81	36	36	10	38	66	51	95	70	23	107	227	351	195
139	146	101	84	35	11	133	306	240	148	23	12	49	32	13	6	30	24	6	50	20	74	128	305	262
140	145	100	81	73	77	20	22	87	62	59	18	73	47	63	36	4	65	55	77	48	148	27	259	298
141	184	148	24	43	23	49	52	116	137	91	1	49	3	42	8	82	121	60	24	56	113	137	346	226
142	155	97	50	4	101	269	265	258	104	54	32	53	49	50	4	61	23	15	68	47	8	195	260	230
143	155	100	73	11	58	234	246	146	107	39	5	60	43	2	36	7	18	69	13	22	120	101	378	248
144	210	174	7	9	104	232	288	177	5	79	31	112	74	101	92	109	155	93	7	49	19	188	383	275
145	329	185	57	225	236	220	249	184	163	246	113	49	63	14	29	78	20	45	77	114	4	92	293	215
146	227	160	67	20	34	185	152	228	188	51	3	140	87	41	73	93	50	62	21	106	37	65	157	304
147	289	144	88	139	98	15	79	212	235	161	49	51	105	41	173	100	53	54	32	24	115	0	250	216
148	108	77	72	27	19	7	24	85	78	33	41	23	2	1	42	71	130	130	81	31	72	38	275	212
149	213	128	87	16	38	48	76	154	90	187	115	49	107	96	3	4	62	116	8	9	2	7	377	232
150	120	131	67	27	0	135	232	245	210	122	118	73	67	86	78	128	118	36	54	108	62	106	371	235
151	304	148	121	83	65	162	219	306	110	145	184	132	139	107	125	104	33	15	89	183	10	10	396	367
152	348	168	105	31	17	119	259	212	212	109	192	194	203	158	60	31	134	72	6	99	7	92	201	453
153	290	154	116	43	49	81	249	216	209	158	164	130	122	87	88	3	45	149	96	87	39	31	338	384
154	235	47	169	65	6	5	101	113	204	186	22	95	57	55	88	117	110	113	16	106	47	53	352	368
155	160	57	124	70	2	23	58	93	197	107	153	156	160	150	198	198	235	191	63	104	128	144	388	311
156	346	185	117	47	63	164	217	348	188	226	253	267	201	93	53	57	160	84	106	138	8	127	511	404
157	168	92	100	76	55	207	157	319	148	186	169	177	156	175	101	19	18	70	114	137	38	84	461	468
158	184	65	107	48	59	116	270	226	251	99	179	222	211	225	227	2	146	31	11	163	43	180	542	527
159	336	141	125	58	2	196	288	305	254	219	194	203	161	246	255	221	140	80	176	226	104	142	401	457
160	386	227	137	77	9	98	182	374	243	275	307	346	258	248	156	197	186	110	89	222	360	294	518	367
161	360	332	151	149	8	76	149	168	287	432	339	282	232	213	265	238	163	0	197	240	247	213	501	408
162	436	286	145	91	67	74	57	178	184	126	134	165	120	76	178	231	266	227	38	156	144	117	353	372
163	342	207	111	51	62	86	176	415	353	257	277	316	301	261	287	138	123	101	158	268	335	320	549	522
164	409	283	164	115	24	105	157	281	159	131	167	120	136	164	197	155	172	16	240	164	97	118	397	441
165	241	212	113	46	41	109	224	319	219	112	190	205	121	213	287	316	183	5	106	193	241	182	572	466
166	211	299	178	61	94	126	180	312	225	205	197	225	247	314	263	272	127	115	200	341	218	256	563	559
167	314	120	112	134	21	158	80	369	387	319	340	189	268	260	281	250	76	81	158	259	276	288	534	515
168	215	309	153	132	51	26	67	138	250	273	298	328	194	178	98	43	165	118	207	191	83	127	348	364

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Table 34
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Line No	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)
169	315	259	247	78	13	2	38	206	252	242	236	187	194	209	257	310	308	261	52	122	228	188	577	445
170	288	252	161	70	39	130	290	312	287	151	239	214	198	301	297	285	226	117	57	145	350	320	629	480
171	348	281	167	80	18	174	304	361	352	380	375	373	258	372	439	301	102	182	171	118	427	332	529	528
172	351	406	291	146	164	88	220	430	370	462	482	474	338	275	310	172	42	85	341	349	245	261	700	620
173	266	285	205	135	24	56	312	205	383	444	491	388	17	70	119	148	180	84	331	211	116	168	486	486
174	179	195	194	216	229	167	55	177	25	44	96	11	18	27	30	94	45	4	45	61	10	17	313	355
175	301	9	28	3	19	11	75	104	70	149	142	112	64	21	157	78	142	120	49	112	15	47	289	367
176	161	234	173	69	86	37	72	119	183	178	164	134	63	47	93	142	244	206	82	82	51	74	416	426
177	222	16	79	49	63	55	277	251	314	248	240	247	233	249	270	262	91	182	12	238	229	253	551	426
178	407	302	176	70	32	156	160	376	254	330	394	293	379	329	77	146	88	123	61	204	366	362	537	578
179	479	214	260	84	35	88	197	258	268	225	260	274	293	194	197	193	84	67	119	205	209	235	475	424
180	382	276	179	101	26	105	151	287	265	297	259	254	225	225	124	83	3	191	152	269	182	172	479	224
181	369	247	153	57	46	144	95	243	160	117	11	65	114	87	88	137	189	65	34	122	176	53	399	473
182	168	138	163	92	23	32	16	198	198	240	239	200	203	197	245	301	265	224	25	181	293	221	459	487
183	243	159	202	120	42	33	27	202	246	330	375	420	364	192	34	54	40	5	90	171	81	118	418	297
184	303	216	145	69	40	63	101	223	257	340	345	372	293	262	186	21	12	91	151	255	287	214	446	305
185	283	279	168	119	32	108	12	189	345	387	441	408	339	255	79	171	107	9	309	317	298	280	228	270
186	375	271	183	82	34	63	225	284	404	403	425	443	419	404	350	112	228	68	145	234	139	380	715	547
187	450	358	234	133	0	72	138	327	391	462	440	423	343	392	230	64	120	339	199	222	306	303	557	419
188	373	258	203	116	5	48	160	288	356	367	302	371	323	284	129	131	96	191	263	203	263	141	444	353
189	257	258	181	97	50	31	9	162	247	349	342	361	307	244	342	74	173	38	55	109	222	184	478	319
190	295	336	199	130	49	34	42	165	330	423	434	430	398	358	308	226	71	19	152	225	269	271	600	436
191	340	264	176	77	35	161	99	379	443	402	414	424	420	227	165	49	123	148	286	338	131	218	579	560
192	385	80	90	90	19	168	265	413	297	281	434	392	373	301	198	171	73	211	333	449	281	291	562	482
193	305	156	150	79	58	152	345	194	140	239	207	176	62	20	52	66	69	21	116	135	73	147	471	449
194	232	125	78	33	59	145	266	298	260	177	223	331	273	306	287	187	99	47	218	225	265	145	463	575
195	416	270	77	59	18	134	247	276	300	245	321	322	294	316	211	76	109	271	328	273	149	140	450	453
196	236	257	158	90	86	25	77	104	234	163	212	214	173	129	160	169	74	248	198	124	79	89	361	295
197	255	182	146	82	41	70	7	103	270	301	293	293	293	295	319	325	310	210	94	273	189	224	541	489
198	285	249	171	81	25	120	198	413	408	373	342	437	380	390	335	192	39	123	344	356	171	289	720	547
199	327	187	183	112	49	159	287	284	391	355	395	361	373	325	182	62	20	15	271	289	305	239	618	435
200	361	271	147	105	7	67	290	325	449	479	447	434	423	386	312	98	80	328	438	513	175	310	568	535
201	211	250	219	153	51	122	188	399	399	296	371	319	350	369	335	44	323	210	261	250	130	254	559	521
202	231	191	180	70	13	148	259	345	393	421	329	406	351	286	123	134	345	327	460	312	91	225	262	401
203	307	265	147	88	47	23	15	246	248	297	305	295	299	249	229	155	109	68	36	212	230	210	422	461
204	289	248	239	166	69	10	3	186	321	338	390	413	403	249	90	198	194	85	11	229	241	288	484	524
205	335	174	180	96	47	190	271	332	371	375	456	434	390	369	257	127	3	36	82	373	298	399	710	467
206	447	315	216	121	33	224	183	300	237	259	294	322	299	368	259	91	234	331	330	216	36	222	382	369
207	277	277	172	18	38	199	183	334	315	349	4	232	240	217	292	105	15	103	246	271	134	317	501	382
208	162	193	134	76	53	178	129	283	338	287	245	245	308	355	245	295	132	24	197	305	183	249	562	412
209	410	283	194	127	22	68	233	285	321	320	323	357	355	262	312	120	333	504	384	254	69	193	377	318
210	243	203	151	129	87	18	13	220	263	213	138	193	100	6	49	51	32	9	58	69	14	148	356	329

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Table 34
WP_Load Factor

Line No	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)
211	251	169	24	85	47	27	32	111	254	246	343	315	261	280	72	41	17	17	172	198	41	154	370	266
212	310	198	123	39	20	160	184	358	343	340	276	319	236	261	205	139	90	83	86	299	266	302	462	440
213	412	249	164	84	35	150	170	318	321	288	340	255	233	272	269	201	217	83	168	346	311	346	568	358
214	428	259	148	117	85	197	131	198	209	232	317	307	279	325	344	130	106	23	244	314	149	304	486	352
215	295	244	170	115	45	165	160	145	146	163	104	116	50	17	15	16	60	68	41	65	74	125	423	254
216	151	160	101	92	123	170	262	168	197	78	212	206	248	344	337	231	128	22	259	330	219	305	488	312
217	204	226	159	78	13	27	29	169	200	215	226	293	177	193	213	230	91	220	242	241	121	179	322	292
218	255	160	120	84	22	68	48	64	221	174	116	126	118	131	197	166	70	66	52	82	51	163	317	301
219	220	160	101	26	7	216	261	272	201	151	85	21	37	70	36	2	52	12	9	83	2	213	394	362
220	24	101	79	25	64	204	220	200	137	126	155	120	170	168	96	116	80	48	94	100	78	162	351	312
221	262	145	96	155	51	55	256	284	218	165	182	165	153	176	185	84	14	46	130	215	43	259	464	279
222	187	178	113	20	57	205	216	266	49	182	108	142	263	146	168	129	135	92	204	178	5	179	427	395
223	142	65	83	47	26	132	258	161	203	173	128	170	125	114	234	172	105	32	177	175	53	227	195	379
224	353	183	126	62	11	12	9	176	158	242	228	203	235	221	235	10	205	64	53	240	12	208	352	169
225	265	205	170	68	31	43	6	81	243	195	277	294	298	282	245	27	144	27	34	149	6	239	310	353
226	291	180	92	38	86	235	199	350	188	287	266	333	300	286	207	158	11	211	319	220	72	285	386	552
227	278	182	148	100	89	267	168	282	174	210	257	206	162	305	221	40	21	81	182	245	204	379	428	355
228	157	134	146	10	83	245	256	171	102	173	97	164	171	175	113	76	120	75	158	196	49	292	509	453
229	312	160	132	27	73	227	326	260	140	198	179	108	218	203	212	67	184	12	179	243	35	362	571	457
230	110	224	97	66	58	218	234	182	236	148	222	242	241	221	370	271	217	87	176	338	213	379	578	506
231	225	203	196	57	12	68	69	192	263	251	351	372	332	254	260	231	109	86	252	274	96	342	490	480
232	290	248	140	119	46	28	8	174	185	334	312	310	300	270	245	248	216	90	176	269	119	383	467	378
233	350	225	127	43	16	150	305	204	345	341	360	143	82	240	274	220	171	38	202	247	142	408	645	547
234	105	159	156	48	58	183	291	146	179	236	198	235	212	316	245	136	39	33	257	154	85	377	457	444
235	354	187	128	66	45	249	327	174	186	278	313	272	320	297	255	152	23	144	347	299	79	414	574	372
236	246	162	101	85	83	155	334	155	234	194	258	168	329	266	186	6	219	267	165	79	3	340	530	352
237	136	182	115	48	25	210	228	255	239	222	307	248	278	290	290	220	119	3	151	311	238	287	506	405
238	345	227	199	109	13	15	21	174	267	352	337	354	301	288	329	230	153	37	143	345	182	359	473	374
239	399	305	207	45	55	16	21	133	173	351	245	287	287	290	286	298	221	146	96	296	193	457	520	392
240	325	227	135	38	41	246	249	259	238	256	259	316	303	340	292	198	222	78	219	349	238	508	626	375
241	381	244	171	98	60	255	210	250	193	244	304	338	411	373	335	161	92	120	238	236	216	484	508	498
242	414	264	139	93	62	145	338	110	203	262	303	316	317	378	271	11	88	129	255	168	72	412	530	370
243	320	211	156	40	29	144	367	97	198	229	294	211	282	236	95	115	70	52	291	113	44	324	435	249
244	358	197	146	68	3	209	282	188	145	230	289	246	200	281	207	197	121	7	246	313	250	381	483	475
245	339	137	178	3	10	52	81	107	202	219	217	256	282	289	308	305	231	128	160	332	224	392	462	350
246	299	150	165	117	16	36	16	78	232	377	417	457	401	351	360	275	227	58	220	373	291	444	534	356
247	268	274	184	111	13	15	16	35	145	341	369	429	416	370	250	105	58	76	256	210	194	452	399	425
248	313	188	108	123	29	147	402	248	154	87	72	56	86	193	146	87	74	26	129	12	81	359	540	171
249	204	175	70	27	80	235	277	164	61	54	164	148	129	202	198	232	215	61	96	84	185	412	404	371
250	267	163	118	34	50	249	271	176	28	213	117	189	247	191	289	202	131	6	151	150	147	438	502	292
251	264	198	96	65	21	141	372	191	62	186	210	183	217	229	182	114	6	21	195	60	127	339	434	413
252	115	170	139	86	24	39	100	94	227	162	346	300	368	276	54	62	49	54	133	81	132	309	351	260

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Table 34
WP_Load Factor

Line No	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)
253	299	233	174	103	44	34	23	88	212	315	342	368	371	372	285	132	16	105	184	54	206	351	407	470
254	259	126	114	29	70	203	358	280	53	227	263	244	296	314	340	90	91	191	186	88	221	425	485	382
255	334	246	133	119	79	166	398	212	200	271	266	246	308	417	319	293	163	85	262	224	307	522	601	428
256	357	239	134	51	50	194	380	212	200	353	342	338	152	191	85	90	213	162	207	202	256	459	611	394
257	337	213	124	47	99	272	400	202	198	265	291	284	177	333	204	10	165	166	202	40	158	367	497	338
258	295	168	139	25	28	217	377	192	104	173	144	193	181	181	273	136	137	136	275	118	196	351	386	407
259	321	180	117	76	46	143	143	119	112	144	23	47	57	0	4	57	150	88	30	167	68	192	311	218
260	192	124	146	66	11	49	98	47	139	146	114	101	114	146	112	28	14	107	1	203	78	237	340	365
261	202	119	62	9	82	274	441	204	65	47	241	128	64	141	203	214	175	112	93	54	244	278	560	445
262	257	155	97	36	115	236	468	112	125	27	72	192	137	171	254	182	228	2	289	212	259	269	489	378
263	244	135	81	42	126	91	436	176	59	62	14	123	73	123	108	196	150	51	25	93	114	347	481	392
264	201	153	105	12	35	232	448	187	139	107	215	152	160	214	232	273	214	75	182	177	186	394	421	443
265	294	224	130	51	57	211	350	84	126	136	124	154	126	164	134	122	108	40	120	20	153	231	346	343
266	130	155	100	41	3	103	186	148	162	71	76	31	13	65	26	2	149	115	69	3	10	168	290	279
267	301	127	28	26	8	83	155	151	218	91	90	59	16	23	33	45	102	133	111	67	144	258	317	233
268	169	90	47	24	110	312	483	212	112	17	35	35	50	73	31	20	52	119	91	95	157	268	413	303
269	93	76	70	24	94	272	405	192	19	24	33	59	5	29	22	62	28	107	115	111	163	306	352	224
270	244	72	26	22	111	302	429	208	57	47	79	6	43	22	23	18	11	48	75	121	217	231	267	354
271	129	97	75	2	123	270	364	244	69	25	19	43	18	7	18	6	22	42	114	113	174	249	362	262
272	149	96	82	8	111	117	425	237	51	29	19	18	37	25	14	1	37	16	39	81	82	219	261	297
273	14	64	86	26	16	108	109	108	47	108	11	50	20	35	3	3	36	56	125	148	123	180	276	193
274	154	106	2	60	10	76	50	66	68	139	89	90	93	47	75	194	33	47	118	13	154	265	264	279
275	196	85	75	55	110	294	505	303	103	90	56	31	7	25	12	22	124	161	176	35	178	330	433	266
276	151	98	43	30	40	301	436	197	40	6	135	95	31	16	3	31	38	81	201	94	150	284	345	121
277	176	100	103	72	90	247	310	225	8	50	5	3	15	15	6	86	87	78	56	113	148	296	334	217
278	178	102	109	48	67	263	374	227	13	26	1	22	15	62	34	29	17	2	112	119	184	255	322	161
279	190	134	54	8	23	90	474	232	83	29	2	9	11	60	14	43	8	91	18	168	100	206	332	299
280	55	4	79	37	38	88	132	155	62	29	44	2	34	4	71	78	111	101	75	83	120	236	231	185
281	137	72	111	68	111	89	95	55	143	52	48	10	4	50	48	112	159	146	175	133	155	235	246	223
282	87	75	28	22	83	247	503	239	196	115	92	0	41	68	62	4	21	58	103	128	150	298	378	187
283	91	127	33	84	105	216	457	108	62	59	59	99	88	107	24	9	73	104	216	119	112	97	269	342
284	174	72	52	27	82	232	451	141	79	55	64	21	40	15	72	6	49	70	116	83	151	256	185	286
285	231	58	26	52	147	171	435	228	104	37	20	53	7	58	72	39	62	61	41	19	90	152	384	352
286	224	79	137	6	34	208	434	207	50	48	19	39	22	19	32	19	22	56	131	49	140	206	311	267
287	124	59	80	48	70	194	28	158	109	55	55	30	25	38	35	2	59	46	246	53	134	159	244	229
288	172	68	41	11	33	105	183	8	73	1	31	25	46	19	7	84	125	183	251	67	127	221	224	166
289	155	80	32	74	131	218	530	230	17	3	9	13	39	31	9	5	18	146	153	28	206	316	401	268
290	208	113	44	21	140	318	483	254	61	43	7	21	39	43	15	99	9	40	123	15	194	264	399	110
291	134	114	69	12	12	244	478	181	53	2	20	44	29	131	3	112	79	41	52	0	192	274	232	322
292	158	89	49	11	52	241	508	129	16	13	32	13	25	61	35	92	26	6	127	8	134	193	351	251
293	194	81	74	55	58	161	480	218	17	32	71	5	40	74	92	3	2	10	94	84	160	244	314	259
294	34	151	47	44	54	111	213	94	132	26	79	25	54	54	32	14	115	163	285	59	92	160	229	249

Public Service Company of Colorado
Transmission Formula Rate Template
Hourly Demand Data from Form 714 page 9a

Table 34
WP_Load Factor

Line No	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)
295	188	96	45	21	32	93	177	133	117	73	39	14	5	66	19	38	90	145	298	1	144	265	216	174
296	182	93	52	15	110	272	454	263	35	85	24	21	91	80	17	17	43	148	320	5	163	267	368	203
297	64	62	52	16	124	247	447	218	26	140	86	80	27	3	26	40	77	103	255	12	164	255	381	183
298	38	89	27	16	44	261	444	214	91	71	22	21	45	68	68	62	43	47	135	38	212	296	274	191
299	239	150	15	39	88	292	370	280	10	142	21	91	71	22	13	26	110	199	205	92	157	277	383	321
300	167	109	16	6	132	335	406	213	103	86	102	121	103	27	31	11	80	173	217	112	116	169	307	265
301	190	127	60	15	169	140	217	224	45	5	159	62	59	132	56	1	144	52	266	16	96	169	245	294
302	18	161	51	19	119	94	172	140	37	15	72	51	24	9	8	86	127	173	265	31	151	246	283	210
303	46	62	11	44	115	268	567	270	75	84	13	107	32	28	99	61	99	185	214	146	170	290	421	328
304	139	62	9	15	103	285	434	185	16	1	116	181	135	0	1	69	91	138	216	73	112	179	378	301
305	114	30	62	104	42	261	421	252	12	45	2	38	48	1	41	121	53	134	273	60	199	258	403	380
306	147	2	106	39	55	316	409	344	17	22	8	94	131	82	48	10	86	166	278	59	98	204	349	180
307	69	74	24	22	91	266	396	270	50	23	174	148	89	46	4	22	68	115	238	57	143	211	239	250
308	171	120	101	8	113	113	242	129	51	14	9	24	30	83	68	25	66	185	198	123	113	264	276	244
309	186	118	66	24	63	157	161	120	125	53	28	12	17	13	24	110	278	430	19	124	125	94	310	249
310	157	78	9	61	68	323	438	187	44	4	34	26	67	40	42	21	221	412	6	193	202	275	230	234
311	160	72	19	48	153	254	403	224	51	35	3	6	18	28	9	93	198	259	80	189	210	327	364	170
312	63	68	29	15	69	245	480	79	82	110	102	122	79	28	6	72	199	416	10	132	198	250	357	267
313	29	29	80	73	175	246	467	195	15	58	89	72	191	87	40	95	245	450	8	117	132	324	215	188
314	180	79	22	35	97	287	346	141	93	118	120	56	8	37	24	32	123	341	6	109	173	165	275	259
315	155	7	101	7	2	100	196	102	88	2	51	42	60	34	2	99	222	419	1	113	112	156	168	170
316	153	22	155	8	25	64	138	82	15	8	18	0	81	52	30	127	323	459	2	133	144	226	156	269
317	172	69	73	56	155	236	460	84	84	1	9	21	17	21	28	82	117	377	60	157	204	343	107	238
318	155	117	3	29	54	249	416	179	34	40	33	53	41	45	43	16	176	368	103	140	21	123	360	300
319	147	57	18	6	23	290	488	121	93	121	45	45	30	57	95	27	133	386	9	154	138	166	177	294
320	178	70	47	31	45	208	448	94	68	88	4	16	36	30	17	21	199	297	80	138	184	296	159	261
321	207	122	47	19	16	303	423	79	51	56	48	11	45	20	6	31	224	236	39	104	129	144	180	210
322	169	50	58	30	81	66	182	131	55	12	12	46	29	56	22	82	317	399	21	102	143	128	171	55
323	156	67	75	50	64	106	88	43	134	2	110	65	16	38	70	102	247	413	23	125	131	230	162	121
324	163	97	9	1	114	264	354	151	17	15	42	74	73	96	52	41	144	335	1	177	183	267	363	194
325	46	111	27	17	57	238	388	143	95	99	13	39	67	63	15	65	228	344	52	134	154	259	228	174
326	184	94	51	2	118	156	279	80	49	35	3	19	23	18	9	42	142	307	168	84	157	204	256	111
327	226	130	107	29	5	54	184	25	107	106	95	43	16	14	64	76	27	115	105	73	55	102	184	166
328	62	64	48	1	79	176	193	23	110	67	83	80	57	56	104	50	166	319	77	114	96	175	236	201
329	68	18	51	15	50	25	192	111	61	11	12	7	23	23	12	85	251	371	31	82	109	160	265	27
330	170	98	63	59	37	97	49	101	90	48	33	16	13	23	81	64	285	441	25	137	180	291	330	96
331	154	92	34	38	13	341	405	139	32	33	47	48	40	46	45	18	180	339	95	99	196	336	359	126
332	174	87	19	10	142	274	476	251	69	6	12	143	116	31	8	82	301	463	0	117	155	155	322	281
333	189	109	22	47	71	258	454	123	53	80	94	65	104	19	50	22	259	424	64	15	83	323	401	385
334	191	116	32	41	155	333	490	160	111	113	73	64	56	46	12	92	301	425	16	101	137	302	397	313
335	147	32	22	75	13	287	404	88	74	110	22	6	11	23	27	17	207	340	68	110	129	210	296	315
336	201	7	50	27	40	142	204	130	19	144	14	99	106	4	2	86	290	384	51	78	87	159	260	135

Public Service Company of Colorado
Transmission Formula Rate Template
Hourly Demand Data from Form 714 page 9a

Table 34
WP_Load Factor

Line No	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)
337	218	54	68	12	22	12	188	103	58	68	57	31	0	24	2	86	389	473	10	126	164	262	255	233
338	188	85	10	66	182	292	511	112	40	32	44	93	36	14	39	121	386	529	1	127	183	320	433	360
339	210	83	79	16	128	200	428	190	155	146	98	96	19	122	18	60	201	463	39	119	146	322	407	297
340	18	46	27	44	35	271	466	198	121	82	63	82	84	25	50	74	327	459	38	113	192	325	425	369
341	184	74	17	29	321	417	409	94	50	113	21	75	24	32	10	57	292	325	83	174	211	294	335	373
342	284	111	4	41	99	246	358	210	5	81	110	23	72	52	34	63	179	411	71	86	141	176	254	314
343	104	95	72	19	88	104	165	115	24	71	50	89	67	100	24	131	296	463	21	94	82	162	230	221
344	45	100	121	8	28	126	59	106	49	114	45	38	35	20	24	137	363	565	24	72	155	261	271	118
345	324	54	10	31	116	264	359	100	14	46	105	19	57	30	85	45	293	517	2	79	158	297	418	385
346	51	16	18	15	25	330	446	165	158	133	116	62	45	8	55	68	238	454	18	120	170	276	414	253
347	100	62	32	31	133	283	473	213	103	81	101	51	77	29	13	98	363	410	28	131	186	237	422	285
348	28	151	11	1	163	262	439	160	13	23	22	24	149	7	15	42	255	371	18	98	124	287	431	159
349	126	103	30	21	103	202	354	193	113	4	121	123	113	136	20	56	299	403	46	121	106	206	330	321
350	217	147	63	49	0	200	244	259	136	54	6	151	150	35	18	35	411	422	10	113	69	175	259	321
351	128	101	112	41	2	18	173	209	209	127	44	91	143	5	5	94	373	519	39	57	131	267	390	363
352	112	72	13	23	144	244	411	226	54	68	99	84	67	159	29	60	314	518	19	126	163	280	449	134
353	214	97	39	75	143	281	435	205	163	69	59	89	75	42	25	69	320	477	39	66	116	222	237	382
354	240	105	191	17	136	205	470	241	91	95	89	70	54	65	2	139	252	433	16	71	133	279	279	218
355	227	98	20	36	175	237	465	296	46	92	54	19	19	30	13	79	303	398	95	149	167	295	259	224
356	245	98	46	15	82	182	380	107	22	101	55	138	187	81	15	101	368	460	14	134	131	224	308	341
357	26	51	56	28	58	101	148	97	63	76	71	131	108	39	18	124	371	436	74	22	84	140	182	218
358	248	131	162	48	53	32	174	179	122	5	16	56	88	48	8	54	275	391	72	144	29	67	238	280
359	209	134	49	133	58	110	171	163	86	1	39	57	50	76	31	66	304	416	22	47	54	151	140	171
360	171	81	13	19	87	134	310	154	208	136	73	4	55	31	42	71	276	463	74	126	179	297	279	208
361	173	93	65	8	11	203	311	91	56	46	135	101	128	62	19	39	277	489	31	119	162	278	322	284
362	176	61	31	15	112	152	329	191	116	70	26	37	24	36	18	63	298	558	6	150	125	207	327	152
363	234	122	57	21	67	202	198	201	3	10	12	167	92	35	13	35	197	457	2	63	15	177	264	182
364	67	91	71	18	14	162	96	182	95	36	102	146	118	66	22	101	329	488	57	79	99	222	333	300
365	220	160	100	29	41	99	170	177	167	98	48	59	13	23	29	99	334	434	39	183	177	183	237	208

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	Arapahoe	1.2%	0.00			0.00	0.00	
2	Cherokee	2.8%	1,323.08	15.75		150.46	0.06	4.72
3	Comanche	3.0%	962.02	18.37		109.40	0.07	3.77
4	Craig	0.0%	1,374.67	42.54		156.33	0.00	0.00
5	Hayden	0.6%	730.93	16.36		83.12	0.01	0.59
6	Pawnee	1.4%	1,708.71	31.67		194.31	0.03	3.14
7	Valmont 5	1.0%	0.00	0.00		0.00	0.00	0.00
8	Zuni	0.0%	0.00	0.00		0.00	0.00	0.00
9	Alamosa	0.9%	181.72	4.85		20.67	0.02	0.22
10	Fort Lupton	2.5%	136.60	0.53		15.53	0.06	0.40
11	Fruita	0.7%	130.03	0.68		14.79	0.02	0.11
12	Valmont 6	1.2%	177.13	3.81		20.14	0.03	0.28
13	Fort St. Vrain 1-4	7.3%	502.16	7.80		57.10	0.16	4.72
14	Fort St. Vrain 5-6	13.3%	596.96	1.60		67.89	0.29	9.17
15	Blue Spruce	11.2%	560.52	3.64		63.74	0.25	7.52
16	Rocky Mountain	8.1%	596.21	12.98		67.80	0.21	6.50
17	Cabin Creek	6.2%	205.41	16.33		23.36	0.16	2.45
18	Brush Cogeneration Partners (Brush 1&3) PP	4.0%	58.36	0.00		58.36	0.21	2.34
19	Brush Cogeneration Partners (Brush 4) PP	6.5%	75.08	0.00		75.08	0.21	4.87
20	Colorado Energy Management LLC (Manch) PP	12.2%	64.62	0.00		64.62	0.40	7.86
21	Plains End LLC PP	5.2%	102.12	0.00		102.12	0.17	5.27
22	Spindle Hill PP	10.8%	76.79	0.00		76.79	0.35	8.28
23								
24								
25			100.00%					72.21
26								0.00%
27								72.210
28								
29	Required Capacity (1)	411						
30	Wind Nameplate	2,778						
31	Reserve obligation (Line 29 / Line 30)	14.79%						
32	Rate (\$/kW/Yr)	\$ 72.21						
33	Monthly (\$/kW/Mo)	\$ 6.018						
34	Weekly (\$/kW/Wk)	\$ 1.389						
35	Daily On Peak (\$/MW/Day)	\$ 231.442						
36	Daily Off Peak (\$/MW/Day)	\$ 198.379						
37	Hourly On Peak (\$/MW/hr)	\$ 14.465						
38	Hourly Off Peak (\$/MW/hr)	\$ 8.266						
39	Network Integrated Delivery(\$/kW/Mo)	\$ 6.018						
40	Ancillary Service Delivery(\$/kW/Mo)	\$ 6.018						

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).

The work paper has a calc that does not equal this reference??

(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, 2019

Table 36
WP_Installed Cost

		326.k	326.g * 1000			Derived 326.j		
Line No	Plant	Fuel Expense (\$) (1)	Generation (kwh) (2)	Fuel Expense (\$/kwh) (b) / (c)	Name Plate (MW) (3) (4)	Cumulative Name Plate capacity (MW) (f)	Production Investment (\$/KW) (5)	Plant factor (c)/(e)/8760/1000 (h)
	col. (a)	col. (b)	col. (c)	col. (d)	col. (e)	col. (f)	col. (g)	col. (h)
1	Arapahoe	0	0		0	-		
2	Cherokee	130,351,489	4,292,672,000	0.0304	1,131	1,131	1,323	0.4331
3	Comanche	123,290,271	7,577,019,000	0.0163	1,635	2,767	962	0.5289
4	Craig	10,739,563	424,234,000	0.0253	87	2,854	1,375	0.5573
5	Hayden	37,600,440	1,408,636,000	0.0267	465	3,319	731	0.3455
6	Pawnee	51,763,832	3,532,307,000	0.0147	552	3,871	1,709	0.7301
7	Valmont 5	8,823,858	213,338,000	0.0414	0	3,871	0	0.0000
8	Zuni	0	0	0.0000	0	3,871	0	0.0000
9	Alamosa	48,960	541,000	0.0905	53	3,925	182	0.0012
10	Fort Lupton	147,141	1,299,000	0.1133	101	4,025	137	0.0015
11	Fruita	35,122	271,000	0.1296	27	4,052	130	0.0012
12	Valmont 6	88,120	916,000	0.0962	59	4,111	177	0.0018
13	Fort St. Vrain 1-4	78,491,004	2,539,358,362	0.0309	868	4,979	502	0.3340
14	Fort St. Vrain 5-6	4,431,038	199,417,638	0.0222	281	5,260	597	0.0812
15	Blue Spruce	14,124,848	354,974,000	0.0398	398	5,657	561	0.1019
16	Rocky Mountain	52,498,740	1,949,900,000	0.0269	685	6,343	596	0.3249
17	Cabin Creek	3,721,085	340,601,000	0.0109	300	6,643	205	0.1296
18	Brush Cogeneration Partners (Brush 1&3) PP	625,273	9,316,000	0.0671	75	6,717	58	0.0142
19	Brush Cogeneration Partners (Brush 4) PP	1,059,612	17,700,000	0.0599	130	6,848	75	0.0155
20	Colorado Energy Management LLC (Manch) PP	6,987,258	111,885,000	0.0625	256	7,104	65	0.0499
21	Plains End LLC PP	2,779,585	16,089,000	0.1728	225	7,329	102	0.0082
22	Spindle Hill PP	7,488,868	122,195,000	0.0613	279	7,608	77	0.0500

Note:

(1) FERC Form No. 1 Pages 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.

(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.

(5) FERC Form No. 1 Pages 402-406, Line 18.

(6) Craig is operated by Tri-State

Public Service Company of Colorado
Transmission Formula Rate Template
O&M Costs
Twelve Months Ended December 31, 2016

Table 37
WP_O&M Cost

Line No	Plant	Name Plate (MW) (1) (2)	Production Expenses: Oper, Supv, & Engr (\$) (3)	Coolants and Water (Nuclear Plants Only) (\$) (4)	Steam Expenses (\$) (5)	Electric Expenses (\$) (6)	Misc Steam (or Nuclear) Power Expenses (\$) (7)	Rents (\$) (8)	Maintenance of Structures (\$) (9)	Maintenance of Misc Steam (or Nuclear) Plant (\$) (10)	Total Expenses (\$) sum((c):(j))	Total (\$/kW) (k)/(b)/10 00
	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	Arapahoe	0	0	0	0	0	0	0	0	0	0	-
2	Cherokee	1,131	635,676	0	4,682,326	1,403,569	3,916,534	1,638,021	2,459,892	3,088,891	17,824,909	15.75
3	Comanche	1,635	1,319,707	0	16,029,008	1,698,936	2,925,213	2,659,223	2,705,401	2,699,780	30,037,268	18.37
4	Craig	87	173,947	0	613,297	251,175	603,851	36,121	1,599,979	418,173	3,696,543	42.54
5	Hayden	465	952,977	0	2,417,411	1,068,392	989,754	122,095	947,645	1,113,638	7,611,912	16.36
6	Pawnee	552	215,415	0	7,420,262	1,277,015	3,107,340	1,608,053	704,303	3,158,402	17,490,790	31.67
7	Valmont 5	0	13,463	0	6,896	0	995,518	29,033	16,971	42,568	1,104,449	-
8	Zuni	0	0	0	0	0	0	0	0	0	0	-
9	Alamosa	53	50	0	0	0	11,093	37,260	158,402	51,768	258,573	4.85
10	Fort Lupton	101	253	0	0	12,233	11,923	5,921	19,469	3,279	53,078	0.53
11	Fruita	27	25	0	0	0	7,411	871	9,766	5	18,078	0.68
12	Valmont 6	59	84	0	191,311	935	81	29,617	3,574	521	226,123	3.81
13	Fort St. Vrain 1-4	868	598,757	0	0	3,008,512	911,805	1,016,709	934,565	301,062	6,771,410	7.80
14	Fort St. Vrain 5-6	281	38,926	0	0	167,099	56,424	74,758	93,964	17,852	449,023	1.60
15	Blue Spruce	398	54,808	0	0	24,491	858,526	195,923	300,774	13,173	1,447,695	3.64
16	Rocky Mountain	685	703,156	0	0	259,968	4,996,428	857,254	1,594,300	484,378	8,895,484	12.98
17	Cabin Creek	205	91,157	0	1,124,044	4,434	1,047,200	257,767	579,444	249,445	3,353,491	16.33
18	Brush Cogeneration Partners (Brush 1&3) PP	58	0	0	0	0	0	0	0	0	0	-
19	Brush Cogeneration Partners (Brush 4) PP	75	0	0	0	0	0	0	0	0	0	-
20	Colorado Energy Management LLC (Manch) PP	65	0	0	0	0	0	0	0	0	0	-
21	Plains End LLC PP	102	0	0	0	0	0	0	0	0	0	-
22	Spindle Hill PP	77	0	0	0	0	0	0	0	0	0	-

Note:

- (1) FERC Form No. 1 Page 326, Column (g) and Page 402 - 406, Line 5.
- (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.
- (3) FERC Form No. 1 Pages 402-406, Line 19
- (4) FERC Form No. 1 Pages 402-406, Line 21
- (5) FERC Form No. 1 Pages 402-406, Line 22
- (6) FERC Form No. 1 Pages 402-406, Line 25
- (7) FERC Form No. 1 Pages 402-406, Line 26
- (8) FERC Form No. 1 Pages 402-406, Line 27
- (9) FERC Form No. 1 Pages 402-406, Line 30
- (10) FERC Form No. 1 Pages 402-406, Line 33
- (11) Craig is operated by Tri-State

Public Service Company of Colorado
Transmission Formula Rate Template
Cost of Providing Reactive Supply
Twelve Months Ended December 31, 2016

Table 38
WP_Reactive Cost

Line No	Plant	Name Plate (MW) (1)	Percent of Name Plate col. (c)	Reactive Power Revenue Requirement (c) * Line 20 col. (d)	Reactive Power \$/MW/Year (d) / (b) col. (e)	Reactive Power \$/KW/Year (e) / 1000 col. (f)
	col. (a)	col. (b)				
1	Arapahoe	0	0.0000	0	0	0.000000
2	Cherokee	1,131	0.1700	2,516,095	2,224	2.223877
3	Comanche	1,635	0.2457	3,636,707	2,224	2.223877
4	Craig	87	0.0131	193,255	2,224	2.223877
5	Hayden	465	0.0699	1,034,970	2,224	2.223877
6	Pawnee	552	0.0830	1,228,314	2,224	2.223877
7	Valmont 5	0	0.0000	0	0	0.000000
8	Zuni	0	0.0000	0	0	0.000000
9	Alamosa	53	0.0080	118,488	2,224	2.223877
10	Fort Lupton	101	0.0151	224,167	2,224	2.223877
11	Fruita	27	0.0040	59,244	2,224	2.223877
12	Valmont 6	59	0.0089	131,876	2,224	2.223877
13	Fort St. Vrain 1-4	868	0.1304	1,929,992	2,224	2.223877
14	Fort St. Vrain 5-6	281	0.0421	623,798	2,224	2.223877
15	Blue Spruce	398	0.0598	884,658	2,224	2.223877
16	Rocky Mountain	685	0.1029	0		0.000000
17	Shoshone	14	0.0022	32,024	2,224	2.223877
18	Cabin Creek	300	0.0451	667,163	2,224	2.223877
19						
20	Total (2)	6,657	1.0000	14,804,329		

Note:

(1) FERC Form No. 1 Page 326, Column (g) and Page 402 - 406, Line 5.

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

Rate Year = 2019

Account 190- Accumulated Deferred Income Taxes

Plant Related- Direct Assigned 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%	86,564	79,449	38,315,614	-	(86,564)	-	-	-	-
February	28	307	365	84.11%	86,564	72,809	38,395,063	-	(86,564)	-	-	-	-
March	31	276	365	75.62%	86,564	65,457	38,467,872	-	(86,564)	-	-	-	-
April	30	246	365	67.40%	86,564	58,342	38,533,328	-	(86,564)	-	-	-	-
May	31	215	365	58.90%	86,564	50,990	38,591,670	-	(86,564)	-	-	-	-
June	30	185	365	50.68%	86,564	43,875	38,642,660	-	(86,564)	-	-	-	-
July	31	154	365	42.19%	86,564	36,523	38,686,535	-	(86,564)	-	-	-	-
August	31	123	365	33.70%	86,564	29,171	38,723,058	-	(86,564)	-	-	-	-
September	30	93	365	25.48%	86,564	22,056	38,752,229	-	(86,564)	-	-	-	-
October	31	62	365	16.99%	86,564	14,704	38,774,285	-	(86,564)	-	-	-	-
November	30	32	365	8.77%	86,564	7,589	38,788,989	-	(86,564)	-	-	-	-
December	31	1	365	0.27%	86,564	237	38,796,578	-	(86,564)	-	-	-	-
Total		2,029	4,380		1,038,769	481,201	38,796,815	-	(1,038,769)	-	-	-	-

Ending Balance of Prorated Items	(Line 19, Col H)	38,796,815	(Line 19, Col N)	-
Non-prorated Average Balance	(WP_B-3, Average of Line 23, Cols (a) and (b))	38,834,998	(WP_B-3, Average of Line 26, Cols (a) and (b))	-
Proration Adjustment	(Line 26 minus Line 28)	(38,183)	(Line 26 minus Line 28)	-

Account 190- Accumulated Deferred Income Taxes

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%	10,590	9,720	2,182,901	-	(10,590)	-	-	-	-
February	28	307	365	84.11%	10,590	8,907	2,192,620	-	(10,590)	-	-	-	-
March	31	276	365	75.62%	10,590	8,008	2,201,528	-	(10,590)	-	-	-	-
April	30	246	365	67.40%	10,590	7,137	2,209,535	-	(10,590)	-	-	-	-
May	31	215	365	58.90%	10,590	6,238	2,216,673	-	(10,590)	-	-	-	-
June	30	185	365	50.68%	10,590	5,368	2,222,911	-	(10,590)	-	-	-	-
July	31	154	365	42.19%	10,590	4,468	2,228,278	-	(10,590)	-	-	-	-
August	31	123	365	33.70%	10,590	3,569	2,232,747	-	(10,590)	-	-	-	-
September	30	93	365	25.48%	10,590	2,698	2,236,315	-	(10,590)	-	-	-	-
October	31	62	365	16.99%	10,590	1,799	2,239,014	-	(10,590)	-	-	-	-
November	30	32	365	8.77%	10,590	928	2,240,812	-	(10,590)	-	-	-	-
December	31	1	365	0.27%	10,590	29	2,241,741	-	(10,590)	-	-	-	-
Total		2,029	4,380		127,081	58,869	2,241,770	-	(127,081)	-	-	-	-

Ending Balance of Prorated Items	(Line 50, Col H)	2,241,770	(Line 50, Col N)	-
Non-prorated Average Balance	(WP_B-3, Average of Line 36, Cols (a) and (b))	2,246,441	(WP_B-3, Average of Line 36, Cols (a) and (b))	-
Proration Adjustment	(Line 57 minus Line 59)	(4,671)	(Line 57 minus Line 59)	-

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Account 190- Accumulated Deferred Income Taxes
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
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							38,089,388						-
January	31	335	365	91.78%	134,194	123,165	38,212,553	-	(134,194)	-	-	-	-
February	28	307	365	84.11%	134,194	112,870	38,325,423	-	(134,194)	-	-	-	-
March	31	276	365	75.62%	134,194	101,473	38,426,896	-	(134,194)	-	-	-	-
April	30	246	365	67.40%	134,194	90,443	38,517,339	-	(134,194)	-	-	-	-
May	31	215	365	58.90%	134,194	79,046	38,596,385	-	(134,194)	-	-	-	-
June	30	185	365	50.68%	134,194	68,016	38,664,401	-	(134,194)	-	-	-	-
July	31	154	365	42.19%	134,194	56,619	38,721,020	-	(134,194)	-	-	-	-
August	31	123	365	33.70%	134,194	45,222	38,766,242	-	(134,194)	-	-	-	-
September	30	93	365	25.48%	134,194	34,192	38,800,434	-	(134,194)	-	-	-	-
October	31	62	365	16.99%	134,194	22,795	38,823,228	-	(134,194)	-	-	-	-
November	30	32	365	8.77%	134,194	11,765	38,834,993	-	(134,194)	-	-	-	-
December	31	1	365	0.27%	134,194	368	38,835,361	-	(134,194)	-	-	-	-
Total		2,029	4,380		1,610,331	745,973		-	(1,610,331)	-	-	-	
Ending Balance of Prorated Items					(Line 81, Col H)			(Line 81, Col N)					
					38,835,361								
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))					
Proration Adjustment					(Line 88 minus Line 90)			(Line 88 minus Line 90)					
					(59,193)								

95	Account 281 - Accelerated amortization property														
96															
97	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.)	
98															
99	December 31st Balance - Prorated Items														
100	January	31	335	365	91.78%	532,635	488,857	(139,654,447)	-	(532,635)	-	-	-	-	
101	February	28	307	365	84.11%	532,635	447,997	(139,165,590)	-	(532,635)	-	-	-	-	
102	March	31	276	365	75.62%	532,635	402,760	(138,717,593)	-	(532,635)	-	-	-	-	
103	April	30	246	365	67.40%	532,635	358,981	(138,314,833)	-	(532,635)	-	-	-	-	
104	May	31	215	365	58.90%	532,635	313,744	(137,955,852)	-	(532,635)	-	-	-	-	
105	June	30	185	365	50.68%	532,635	269,966	(137,642,108)	-	(532,635)	-	-	-	-	
106	July	31	154	365	42.19%	532,635	224,728	(137,372,143)	-	(532,635)	-	-	-	-	
107	August	31	123	365	33.70%	532,635	179,491	(137,147,414)	-	(532,635)	-	-	-	-	
108	September	30	93	365	25.48%	532,635	135,712	(136,967,924)	-	(532,635)	-	-	-	-	
109	October	31	62	365	16.99%	532,635	90,475	(136,832,211)	-	(532,635)	-	-	-	-	
110	November	30	32	365	8.77%	532,635	46,697	(136,741,736)	-	(532,635)	-	-	-	-	
111	December	31	1	365	0.27%	532,635	1,459	(136,695,039)	-	(532,635)	-	-	-	-	
112	Total		2,029	4,380		6,391,620	2,960,867	(136,693,580)	-	(6,391,620)	-	-	-	-	
113															
114	Ending Balance of Prorated Items					(Line 112, Col H)			(Line 112, Col N)						
115															
116	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))						
117	Proration Adjustment					(Line 119 minus Line 121)			(Line 119 minus Line 121)						
118															
119	Account 282 - Other Property														
120	Plant Related- Direct Assigned to Transmission														
121	Days in Period					Averaging with Proration - Projected			Averaging Preserving Projected Proration - True-up						
122	A	B	C	D	E	F	G	H	I	J	K	L	M	N	
123	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.)	
124															
125	December 31st Balance - Prorated Items														
126	January	31	335	365	91.78%	(816,385)	(749,284)	(482,062,465)	-	816,385	-	-	-	-	
127	February	28	307	365	84.11%	(816,385)	(686,658)	(482,811,750)	-	816,385	-	-	-	-	
128	March	31	276	365	75.62%	(816,385)	(617,321)	(483,498,408)	-	816,385	-	-	-	-	
	April	30	246	365	67.40%	(816,385)	(550,221)	(484,115,729)	-	816,385	-	-	-	-	
	May	31	215	365	58.90%	(816,385)	(480,884)	(484,665,949)	-	816,385	-	-	-	-	
	June	30	185	365	50.68%	(816,385)	(413,784)	(485,146,834)	-	816,385	-	-	-	-	
	July	31	154	365	42.19%	(816,385)	(344,447)	(485,560,617)	-	816,385	-	-	-	-	
	August	31	123	365	33.70%	(816,385)	(275,110)	(485,905,065)	-	816,385	-	-	-	-	
	September	30	93	365	25.48%	(816,385)	(208,010)	(486,180,175)	-	816,385	-	-	-	-	
	October	31	62	365	16.99%	(816,385)	(138,674)	(486,388,185)	-	816,385	-	-	-	-	
	November	30	32	365	8.77%	(816,385)	(71,573)	(486,526,859)	-	816,385	-	-	-	-	
	December	31	1	365	0.27%	(816,385)	(2,237)	(486,598,432)	-	816,385	-	-	-	-	
	Total		2,029	4,380		(9,796,615)	(4,538,204)	(486,600,669)	-	9,796,615	-	-	-	-	
144															
145	Ending Balance of Prorated Items					(Line 143, Col H)			(Line 143, Col N)						
146															
147	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))						
148	Proration Adjustment					(Line 150 minus Line 152)			(Line 150 minus Line 152)						
149															
150															
151															
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153															
154															
155															

156 **Account 282 - Other Property**

157 **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							(81,483,978)						-
January	31	335	365	91.78%	(745,515)	(684,240)	(82,168,218)	-	745,515	-	-	-	-
February	28	307	365	84.11%	(745,515)	(627,050)	(82,795,268)	-	745,515	-	-	-	-
March	31	276	365	75.62%	(745,515)	(563,732)	(83,359,001)	-	745,515	-	-	-	-
April	30	246	365	67.40%	(745,515)	(502,457)	(83,861,458)	-	745,515	-	-	-	-
May	31	215	365	58.90%	(745,515)	(439,139)	(84,300,597)	-	745,515	-	-	-	-
June	30	185	365	50.68%	(745,515)	(377,864)	(84,678,461)	-	745,515	-	-	-	-
July	31	154	365	42.19%	(745,515)	(314,546)	(84,993,007)	-	745,515	-	-	-	-
August	31	123	365	33.70%	(745,515)	(251,228)	(85,244,235)	-	745,515	-	-	-	-
September	30	93	365	25.48%	(745,515)	(189,953)	(85,434,189)	-	745,515	-	-	-	-
October	31	62	365	16.99%	(745,515)	(126,635)	(85,560,824)	-	745,515	-	-	-	-
November	30	32	365	8.77%	(745,515)	(65,360)	(85,626,184)	-	745,515	-	-	-	-
December	31	1	365	0.27%	(745,515)	(2,043)	(85,628,227)	-	745,515	-	-	-	-
Total		2,029	4,380		(8,946,185)	(4,144,249)		-	8,946,185	-	-	-	-
Ending Balance of Prorated Items					(Line 174, Col H)			(Line 174, Col N)					
					(85,628,227)								
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))					
Proration Adjustment					(Line 181 minus Line 183)			(Line 181 minus Line 183)					
					328,844								

187 **Account 283 - Other**

188 **Plant Related- Direct Assigned to Production**

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 205, Col H)			(Line 205, Col N)					
Non-prorated Average Balance					(WP_B-2, Average of Line Public Service Company of Colorado, Cols (a) and (b))			(WP_B-2, Average of Line , Cols (a) and (b))					
Proration Adjustment					(Line 212 minus Line 214)			(Line 212 minus Line 214)					

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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							(38,066,711)						-
January	31	335	365	91.78%	(285,110)	(261,676)	(38,328,387)	-	285,110	-	-	-	-
February	28	307	365	84.11%	(285,110)	(239,805)	(38,568,192)	-	285,110	-	-	-	-
March	31	276	365	75.62%	(285,110)	(215,590)	(38,783,782)	-	285,110	-	-	-	-
April	30	246	365	67.40%	(285,110)	(192,156)	(38,975,938)	-	285,110	-	-	-	-
May	31	215	365	58.90%	(285,110)	(167,941)	(39,143,879)	-	285,110	-	-	-	-
June	30	185	365	50.68%	(285,110)	(144,508)	(39,288,387)	-	285,110	-	-	-	-
July	31	154	365	42.19%	(285,110)	(120,293)	(39,408,679)	-	285,110	-	-	-	-
August	31	123	365	33.70%	(285,110)	(96,078)	(39,504,758)	-	285,110	-	-	-	-
September	30	93	365	25.48%	(285,110)	(72,644)	(39,577,402)	-	285,110	-	-	-	-
October	31	62	365	16.99%	(285,110)	(48,430)	(39,625,832)	-	285,110	-	-	-	-
November	30	32	365	8.77%	(285,110)	(24,996)	(39,650,827)	-	285,110	-	-	-	-
December	31	1	365	0.27%	(285,110)	(781)	(39,651,609)	-	285,110	-	-	-	-
Total		2,029	4,380		(3,421,316)	(1,584,897)		-	3,421,316	-	-	-	

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Ending Balance of Prorated Items

(Line 236, Col H)

(39,651,609)

(Line 236, Col N)

Non-prorated Average Balance

(WP_B-2, Average of Line 23, Cols (a) and (b))

(39,777,369)

(WP_B-2, Average of Line , Cols (a) and (b))

Proration Adjustment

(Line 243 minus Line 245)

125,761

(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
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							(2,291,249)						-
January	31	335	365	91.78%	18,616	17,086	(2,274,163)	-	(18,616)	-	-	-	-
February	28	307	365	84.11%	18,616	15,658	(2,258,504)	-	(18,616)	-	-	-	-
March	31	276	365	75.62%	18,616	14,077	(2,244,427)	-	(18,616)	-	-	-	-
April	30	246	365	67.40%	18,616	12,547	(2,231,881)	-	(18,616)	-	-	-	-
May	31	215	365	58.90%	18,616	10,966	(2,220,915)	-	(18,616)	-	-	-	-
June	30	185	365	50.68%	18,616	9,436	(2,211,479)	-	(18,616)	-	-	-	-
July	31	154	365	42.19%	18,616	7,855	(2,203,625)	-	(18,616)	-	-	-	-
August	31	123	365	33.70%	18,616	6,273	(2,197,351)	-	(18,616)	-	-	-	-
September	30	93	365	25.48%	18,616	4,743	(2,192,608)	-	(18,616)	-	-	-	-
October	31	62	365	16.99%	18,616	3,162	(2,189,446)	-	(18,616)	-	-	-	-
November	30	32	365	8.77%	18,616	1,632	(2,187,813)	-	(18,616)	-	-	-	-
December	31	1	365	0.27%	18,616	51	(2,187,762)	-	(18,616)	-	-	-	-
Total		2,029	4,380		223,396	103,486		-	(223,396)	-	-	-	

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Ending Balance of Prorated Items

(Line 267, Col H)

(2,187,762)

(Line 267, Col N)

Non-prorated Average Balance

(WP_B-2, Average of Line 54, Cols (a) and (b))

(2,179,551)

(WP_B-2, Average of Line , Cols (a) and (b))

Proration Adjustment

(Line 274 minus Line 276)

(8,212)

(Line 274 minus Line 276)

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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							(346,673)						-
January	31	335	365	91.78%	(1,966)	(1,805)	(348,478)	-	1,966	-	-	-	-
February	28	307	365	84.11%	(1,966)	(1,654)	(350,132)	-	1,966	-	-	-	-
March	31	276	365	75.62%	(1,966)	(1,487)	(351,619)	-	1,966	-	-	-	-
April	30	246	365	67.40%	(1,966)	(1,325)	(352,944)	-	1,966	-	-	-	-
May	31	215	365	58.90%	(1,966)	(1,158)	(354,102)	-	1,966	-	-	-	-
June	30	185	365	50.68%	(1,966)	(997)	(355,099)	-	1,966	-	-	-	-
July	31	154	365	42.19%	(1,966)	(830)	(355,929)	-	1,966	-	-	-	-
August	31	123	365	33.70%	(1,966)	(663)	(356,591)	-	1,966	-	-	-	-
September	30	93	365	25.48%	(1,966)	(501)	(357,092)	-	1,966	-	-	-	-
October	31	62	365	16.99%	(1,966)	(334)	(357,426)	-	1,966	-	-	-	-
November	30	32	365	8.77%	(1,966)	(172)	(357,599)	-	1,966	-	-	-	-
December	31	1	365	0.27%	(1,966)	(5)	(357,604)	-	1,966	-	-	-	-
Total		2,029	4,380		(23,596)	(10,931)		-	23,596	-	-	-	-

Ending Balance of Prorated Items	(Line 298, Col H)	(357,604)	(Line 298, Col N)	-
Non-prorated Average Balance	(WP_B-2, Average of Line 85, Cols (a) and (b))	(358,471)	(WP_B-2, Average of Line , Cols (a) and (b))	-
Proration Adjustment	(Line 305 minus Line 307)	867	(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
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							(0)						-
January	31	335	365	91.78%	-	-	(0)	-	-	-	-	-	-
February	28	307	365	84.11%	-	-	(0)	-	-	-	-	-	-
March	31	276	365	75.62%	-	-	(0)	-	-	-	-	-	-
April	30	246	365	67.40%	-	-	(0)	-	-	-	-	-	-
May	31	215	365	58.90%	-	-	(0)	-	-	-	-	-	-
June	30	185	365	50.68%	-	-	(0)	-	-	-	-	-	-
July	31	154	365	42.19%	-	-	(0)	-	-	-	-	-	-
August	31	123	365	33.70%	-	-	(0)	-	-	-	-	-	-
September	30	93	365	25.48%	-	-	(0)	-	-	-	-	-	-
October	31	62	365	16.99%	-	-	(0)	-	-	-	-	-	-
November	30	32	365	8.77%	-	-	(0)	-	-	-	-	-	-
December	31	1	365	0.27%	-	-	(0)	-	-	-	-	-	-
Total		2,029	4,380		-	-		-	-	-	-	-	-

Ending Balance of Prorated Items	(Line 329, Col H)	(0)	(Line 329, Col N)	-
Non-prorated Average Balance	(WP_B-2, Average of Line , Cols (a) and (b))	(0)	(WP_B-2, Average of Line , Cols (a) and (b))	-
Proration Adjustment	(Line 336 minus Line 338)	-	(Line 336 minus Line 338)	-

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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							54,965						
January	31	335	365	91.78%	172,144	157,995	212,960		(172,144)	-	-	-	-
February	28	307	365	84.11%	172,144	144,789	357,749		(172,144)	-	-	-	-
March	31	276	365	75.62%	172,144	130,169	487,918		(172,144)	-	-	-	-
April	30	246	365	67.40%	172,144	116,020	603,939		(172,144)	-	-	-	-
May	31	215	365	58.90%	172,144	101,400	705,338		(172,144)	-	-	-	-
June	30	185	365	50.68%	172,144	87,251	792,589		(172,144)	-	-	-	-
July	31	154	365	42.19%	172,144	72,631	865,220		(172,144)	-	-	-	-
August	31	123	365	33.70%	172,144	58,010	923,230		(172,144)	-	-	-	-
September	30	93	365	25.48%	172,144	43,861	967,091		(172,144)	-	-	-	-
October	31	62	365	16.99%	172,144	29,241	996,332		(172,144)	-	-	-	-
November	30	32	365	8.77%	172,144	15,092	1,011,424		(172,144)	-	-	-	-
December	31	1	365	0.27%	172,144	472	1,011,896		(172,144)	-	-	-	-
Total		2,029	4,380		2,065,726	956,931		-	(2,065,726)	-	-	-	-
Ending Balance of Prorated Items					(Line 360, Col H)		1,011,896	(Line 360, Col N)					
Non-prorated Average Balance					(WP_B-2, Average of Line , Cols (a) and (b))		1,087,828	(WP_B-2, Average of Line , Cols (a) and (b))					
Proration Adjustment					(Line 367 minus Line 369)		(75,932)	(Line 367 minus Line 369)					

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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
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							149,511						-
January	31	335	365	91.78%	(2,577)	(2,366)	147,145	-	2,577	-	-	-	-
February	28	307	365	84.11%	(2,577)	(2,168)	144,977	-	2,577	-	-	-	-
March	31	276	365	75.62%	(2,577)	(1,949)	143,028	-	2,577	-	-	-	-
April	30	246	365	67.40%	(2,577)	(1,737)	141,291	-	2,577	-	-	-	-
May	31	215	365	58.90%	(2,577)	(1,518)	139,773	-	2,577	-	-	-	-
June	30	185	365	50.68%	(2,577)	(1,306)	138,466	-	2,577	-	-	-	-
July	31	154	365	42.19%	(2,577)	(1,087)	137,379	-	2,577	-	-	-	-
August	31	123	365	33.70%	(2,577)	(869)	136,510	-	2,577	-	-	-	-
September	30	93	365	25.48%	(2,577)	(657)	135,854	-	2,577	-	-	-	-
October	31	62	365	16.99%	(2,577)	(438)	135,416	-	2,577	-	-	-	-
November	30	32	365	8.77%	(2,577)	(226)	135,190	-	2,577	-	-	-	-
December	31	1	365	0.27%	(2,577)	(7)	135,183	-	2,577	-	-	-	-
Total		2,029	4,380		(30,930)	(14,328)		-	30,930	-	-	-	-

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WP_B-Inputs - Adjustments to ADIT**Distribution 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							1,392,178						-
January	31	335	365	91.78%	67,140	61,621	1,453,800	-	(67,140)	-	-	-	-
February	28	307	365	84.11%	67,140	56,471	1,510,271	-	(67,140)	-	-	-	-
March	31	276	365	75.62%	67,140	50,769	1,561,039	-	(67,140)	-	-	-	-
April	30	246	365	67.40%	67,140	45,250	1,606,290	-	(67,140)	-	-	-	-
May	31	215	365	58.90%	67,140	39,548	1,645,838	-	(67,140)	-	-	-	-
June	30	185	365	50.68%	67,140	34,030	1,679,868	-	(67,140)	-	-	-	-
July	31	154	365	42.19%	67,140	28,327	1,708,195	-	(67,140)	-	-	-	-
August	31	123	365	33.70%	67,140	22,625	1,730,820	-	(67,140)	-	-	-	-
September	30	93	365	25.48%	67,140	17,107	1,747,927	-	(67,140)	-	-	-	-
October	31	62	365	16.99%	67,140	11,405	1,759,332	-	(67,140)	-	-	-	-
November	30	32	365	8.77%	67,140	5,886	1,765,218	-	(67,140)	-	-	-	-
December	31	1	365	0.27%	67,140	184	1,765,402	-	(67,140)	-	-	-	-
Total		2,029	4,380		805,678	373,224		-	(805,678)	-	-	-	-

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Ending Balance of Prorated Items

(Line 422, Col H)

1,765,402

(Line 422, Col N)

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Non-prorated Average Balance

(WP_B-2, Average of Line , Cols (a) and (b))

1,795,017

(WP_B-2, Average of Line , Cols (a) and (b))

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Proration Adjustment

(Line 429 minus Line 431)

(29,615)

(Line 429 minus Line 431)

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435 **WP_B-Inputs - Adjustments to ADIT**
436 **General 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
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							2,479,287						-
January	31	335	365	91.78%	(33,186)	(30,458)	2,448,829	-	33,186	-	-	-	-
February	28	307	365	84.11%	(33,186)	(27,913)	2,420,916	-	33,186	-	-	-	-
March	31	276	365	75.62%	(33,186)	(25,094)	2,395,822	-	33,186	-	-	-	-
April	30	246	365	67.40%	(33,186)	(22,366)	2,373,456	-	33,186	-	-	-	-
May	31	215	365	58.90%	(33,186)	(19,548)	2,353,908	-	33,186	-	-	-	-
June	30	185	365	50.68%	(33,186)	(16,820)	2,337,087	-	33,186	-	-	-	-
July	31	154	365	42.19%	(33,186)	(14,002)	2,323,086	-	33,186	-	-	-	-
August	31	123	365	33.70%	(33,186)	(11,183)	2,311,902	-	33,186	-	-	-	-
September	30	93	365	25.48%	(33,186)	(8,456)	2,303,447	-	33,186	-	-	-	-
October	31	62	365	16.99%	(33,186)	(5,637)	2,297,810	-	33,186	-	-	-	-
November	30	32	365	8.77%	(33,186)	(2,909)	2,294,900	-	33,186	-	-	-	-
December	31	1	365	0.27%	(33,186)	(91)	2,294,809	-	33,186	-	-	-	-
Total		2,029	4,380		(398,232)	(184,478)		-	398,232	-	-	-	-
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)					

466 **WP_B-Inputs - Adjustments to ADIT**
467 **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							1,016,360						-
January	31	335	365	91.78%	277,433	254,630	1,270,990	-	(277,433)	-	-	-	-
February	28	307	365	84.11%	277,433	233,348	1,504,338	-	(277,433)	-	-	-	-
March	31	276	365	75.62%	277,433	209,785	1,714,123	-	(277,433)	-	-	-	-
April	30	246	365	67.40%	277,433	186,982	1,901,105	-	(277,433)	-	-	-	-
May	31	215	365	58.90%	277,433	163,419	2,064,524	-	(277,433)	-	-	-	-
June	30	185	365	50.68%	277,433	140,617	2,205,141	-	(277,433)	-	-	-	-
July	31	154	365	42.19%	277,433	117,054	2,322,195	-	(277,433)	-	-	-	-
August	31	123	365	33.70%	277,433	93,491	2,415,686	-	(277,433)	-	-	-	-
September	30	93	365	25.48%	277,433	70,688	2,486,374	-	(277,433)	-	-	-	-
October	31	62	365	16.99%	277,433	47,126	2,533,500	-	(277,433)	-	-	-	-
November	30	32	365	8.77%	277,433	24,323	2,557,823	-	(277,433)	-	-	-	-
December	31	1	365	0.27%	277,433	760	2,558,583	-	(277,433)	-	-	-	-
Total		2,029	4,380		3,329,194	1,542,222		-	(3,329,194)	-	-	-	-
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

Ending Balance of Prorated items	(Line 515, Col H)	<u>(235,912)</u>	(Line 515, Col N)	<u>-</u>
Non-prorated Average Balance	(WP_B-2, Average of Line , Cols (a) and (b))	<u>(235,852)</u>	(WP_B-2, Average of Line , Cols (a) and (b))	<u>-</u>
Proration Adjustment	(Line 522 minus Line 524)	(60)	(Line 522 minus Line 524)	-

WP_B-Inputs - Adjustments to ADIT
Common Intangible - CRS

Ending Balance of Prorated items	(Line 546, Col H)	<u>103,623</u>	(Line 546, Col N)	<u>-</u>
Non-prorated Average Balance	(WP_B-2, Average of Line , Cols (a) and (b))	<u>103,623</u>	(WP_B-2, Average of Line , Cols (a) and (b))	<u>-</u>
Proration Adjustment	(Line 553 minus Line 555)	-	(Line 553 minus Line 555)	-

Non-prorated Average Balance	(WP_B-2, Average of Line , Cols (a) and (b))	<u>103,623</u>	(WP_B-2, Average of Line , Cols (a) and (b))
Proration Adjustment	(Line 553 minus Line 555)	-	(Line 553 minus Line 555)

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559 **WP_B-Inputs - Adjustments to ADIT**

560 **Common Intangible - OMS**

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Days in Period				
A	B	C	D	E
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)

Averaging with Proration - Projected		
F	G	H
Projected Monthly Activity	Prorated Projected Monthly Activity (E x F)	Prorated Projected Balance (Cumulative Sum of G)

Averaging Preserving Projected Proration - True-up					
I	J	K	L	M	N
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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565 December 31st Balance - Prorated Items

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591 **WP_B-Inputs - Adjustments to ADIT**

592 **Common General - Smart Grid City**

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Days in Period				
A	B	C	D	E
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)

Averaging with Proration - Projected		
F	G	H
Projected Monthly Activity	Prorated Projected Monthly Activity (E x F)	Prorated Projected Balance (Cumulative Sum of G)

Averaging Preserving Projected Proration - True-up					
I	J	K	L	M	N
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

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January	31	335	365	91.78%	68	63	(24,114)
February	28	307	365	84.11%	68	57	(24,051)
March	31	276	365	75.62%	68	52	(23,994)
April	30	246	365	67.40%	68	46	(23,942)
May	31	215	365	58.90%	68	40	(23,897)
June	30	185	365	50.68%	68	35	(23,856)
July	31	154	365	42.19%	68	29	(23,822)
August	31	123	365	33.70%	68	23	(23,793)
September	30	93	365	25.48%	68	17	(23,770)
October	31	62	365	16.99%	68	12	(23,753)
November	30	32	365	8.77%	68	6	(23,741)
December	31	1	365	0.27%	68	0	(23,735)
Total		2,029	4,380		817	379	

January	-	(68)	-	-	-
February	-	(68)	-	-	-
March	-	(68)	-	-	-
April	-	(68)	-	-	-
May	-	(68)	-	-	-
June	-	(68)	-	-	-
July	-	(68)	-	-	-
August	-	(68)	-	-	-
September	-	(68)	-	-	-
October	-	(68)	-	-	-
November	-	(68)	-	-	-
December	-	(68)	-	-	-
Total	-	(817)	-	-	-

Ending Balance of Prorated Items	(Line 608, Col H)	(23,735)
Non-prorated Average Balance	(WP_B-2, Average of Line , Cols (a) and (b))	(23,705)
Proration Adjustment	(Line 615 minus Line 617)	(30)

(Line 608, Col N)	-
(WP_B-2, Average of Line , Cols (a) and (b))	-
(Line 615 minus Line 617)	-

621 **WP_B-Inputs - Adjustments to ADIT**
622 **Common General - 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							673,487						-
January	31	335	365	91.78%	263,994	242,296	915,782	-	(263,994)	-	-	-	-
February	28	307	365	84.11%	263,994	222,044	1,137,827	-	(263,994)	-	-	-	-
March	31	276	365	75.62%	263,994	199,623	1,337,450	-	(263,994)	-	-	-	-
April	30	246	365	67.40%	263,994	177,925	1,515,374	-	(263,994)	-	-	-	-
May	31	215	365	58.90%	263,994	155,503	1,670,878	-	(263,994)	-	-	-	-
June	30	185	365	50.68%	263,994	133,805	1,804,683	-	(263,994)	-	-	-	-
July	31	154	365	42.19%	263,994	111,384	1,916,067	-	(263,994)	-	-	-	-
August	31	123	365	33.70%	263,994	88,962	2,005,029	-	(263,994)	-	-	-	-
September	30	93	365	25.48%	263,994	67,264	2,072,293	-	(263,994)	-	-	-	-
October	31	62	365	16.99%	263,994	44,843	2,117,136	-	(263,994)	-	-	-	-
November	30	32	365	8.77%	263,994	23,145	2,140,281	-	(263,994)	-	-	-	-
December	31	1	365	0.27%	263,994	723	2,141,004	-	(263,994)	-	-	-	-
Total		2,029	4,380		3,167,928	1,467,517		-	(3,167,928)	-	-	-	
Ending Balance of Prorated Items					(Line 639, Col H)			(Line 639, 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 646 minus Line 648)			(Line 646 minus Line 648)					

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). If projected and actual activity are both negative, a negative in Column J represents under-projection (excess of actual activity over projected activity) and a positive in Column J represents over-projection (amount of projected activity that did not occur).
- 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 applied to a portion of the monthly activity.
- 6) The methodology to remove double averaging from the true-up ADIT Proration calculation is effective June 27, 2018.