

September 16, 2016

VIA ELECTRONIC FILING

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

Re: *Public Service Company of Colorado*
Docket No. ER16-____-000
Revisions to Attachment O-PSCo and Attachment O-SPS Transmission Formula Rates
Tariff ID 2001

Dear Secretary Bose:

Pursuant to section 205 of the Federal Power Act, 16 U.S.C. § 824d (2006), and Section 35.13 of the Rules and Regulations of the Federal Energy Regulatory Commission (“FERC” or “Commission”), 18 C.F.R. § 35.13 (2016), Public Service Company of Colorado, on behalf of itself and its affiliate Southwestern Public Service Company (“SPS”),¹ submits revised tariff records to modify the PSCo and SPS Transmission Formula Rates included in the Xcel Energy Operating Companies FERC Electric Tariff, Second Revised Volume No. 1 (“Xcel Energy Tariff”).

The affected tariff records are included in the Attachment O-Public Service Company of Colorado (“Attachment O-PSCo”) and the Attachment O-Southwestern Public Service Company (“Attachment O-SPS”) formulaic rates, respectively. The revisions are ministerial in nature and have no impact to the calculated revenue requirements or transmission rates. The revisions to the transmission formula rate templates are necessary, in part, to reflect a new SAP general ledger accounting system adopted by the Xcel Energy Services Inc. and the Xcel Energy Operating Companies² for fiscal year 2016. In addition, the filing proposes certain ministerial clean-up

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

² In addition to PSCo and SPS, the other Xcel Energy Operating Companies are Northern States Power Company, a Minnesota corporation, and Northern States Power Company, a Wisconsin corporation (“NSP Companies”). The NSP Companies provide transmission service under the Midcontinent Independent System Operator, Inc. (“MISO”) Open Access Transmission, Energy and Operating Reserve Markets Tariff. The NSP Companies have reviewed Attachment O-NSP to the MISO Tariff and no similar formula revisions are required.

revisions to Attachment O-SPS and Attachment O-PSCo. PSCo and SPS respectfully request an effective date of April 16, 2016, for the modifications proposed.

As discussed further below, PSCo and the other Xcel Energy Operating Companies transitioned to new eTariff software effective April 16, 2016. PSCo is submitting two versions of this filing: the first version includes eTariff records under the prior eTariff software to make the proposed change effective January 1, 2016 through April 15, 2016; and the second version – the instant filing – includes eTariff records under the new eTariff software to include the revised formulaic rates in the Xcel Energy Tariff effective April 16, 2016.

I. BACKGROUND

A. Filing Entities

PSCo is a wholly owned subsidiary of Xcel Energy Inc. (“Xcel Energy”). Headquartered in Denver, Colorado, PSCo, *inter alia*, generates, transmits, distributes and sells electric energy to approximately 1.4 million retail customers in the State of Colorado as well as to wholesale requirements production customers and wholesale customers taking transmission service under the Xcel Energy Tariff. PSCo has been designated as the eTariff filing entity for the Xcel Energy Tariff.³

SPS is also a wholly-owned utility operating company subsidiary of Xcel Energy. Headquartered in Amarillo, Texas, SPS is engaged in the business of generating, transmitting, distributing and selling electric power and energy and related services to approximately 389,000 retail and wholesale customers in the States of Texas and New Mexico; SPS also provides wholesale transmission service to customers in Kansas and Oklahoma. SPS provides most transmission services over its system pursuant to the Southwest Power Pool, Inc. (“SPP”) Open Access Transmission Tariff (“SPP Tariff”). However, SPS provides certain wholesale transmission services (such as load interconnection services) pursuant to the Xcel Energy Tariff or individual SPS rate schedules.

Xcel Energy Services Inc. (“XES”) is the service company for the Xcel Energy holding company system and, *inter alia*, provides corporate and other services to PSCo, SPS and the other Xcel Energy Operating Companies and subsidiaries of Xcel Energy.

B. The PSCo and SPS Transmission Formula Rates

PSCo and SPS calculate their annual transmission revenue requirements (“ATRR”) pursuant to the formulae set forth in Attachment O-PSCo and Attachment O-SPS to the Xcel Energy Tariff, respectively. These ATRRs are then used to calculate rates for Firm and Non-

³ The Xcel Energy OATT was filed via eTariff in *Public Service Company of Colorado*, Docket No. ER10-2070-000, and accepted by the Commission on September 24, 2010. *See Pub. Svc. Co. of Colo.*, Docket No. ER10-2070, delegated letter order (Sept. 24, 2010).

Firm Point-to-Point Transmission Service provided under Schedules 7 and 8 and Network Integration Transmission Service provided under Schedule 9 of the Xcel Energy Tariff or the SPP Tariff for PSCo and SPS, respectively.⁴ Both SPS and PSCo employ a forward-looking Attachment O, whereby the transmission revenue requirement is projected under the applicable formula rate each year. The PSCo and SPS projections are then subject to an annual true-up based on actual costs when actual data becomes available. PSCo and SPS each submit an annual informational filing with the Commission with the estimated rates for the upcoming rate year, including the true-up for the prior period actuals.

II. DESCRIPTION AND JUSTIFICATION OF PROPOSED TARIFF REVISIONS

A. New General Ledger Accounting System Tariff Revisions

As noted, PSCo and SPS submit the proposed Tariff revisions in part to reflect the use of a new general ledger accounting system (“SAP system”). The new general ledger system replaced Xcel Energy’s previous general ledger system (“JD Edwards” or “JDE”). Xcel Energy and its subsidiaries began operating under the SAP system on January 1, 2016. All financial records for fiscal year 2016 will reflect use of the new SAP system. The change in the general ledger requires certain conforming changes to the two Attachment O formula rates so the same costs are recovered through (or excluded from) the PSCo and SPS transmission formula rates as would have occurred using data from the JDE general ledger system.

The revisions to Attachment O-SPS include revisions to Table 16 and Table 17. The SAP system primarily records transactions by the three digit FERC accounts.⁵ The JDE general ledger system maintained the accounting records using a five digit account, which consisted of the three digit FERC account plus a two digit sub-account. While the JDE general system used the two digit sub-account to report at a more detailed level, the SAP system maintains this additional level of detail in other data fields instead of a two digit sub-account. For this reason, the column headings on Table 16 and Table 17 are being modified to remove the reference to the JDE general ledger system five digit accounts that do not exist in the SAP system. SPS will continue to provide the detailed information on Table 16 and Table 17, as this information is still identifiable in the SAP system.

The revisions to Attachment O-PSCo include revisions to Table 17 and Table 23, which are being made for the same reason as described above for SPS. Specifically, the reference to certain JDE general ledger system five digit accounts are being removed as they no longer exist

⁴ The SPP Tariff also contains the SPS transmission formula rate, and SPP collects revenues associated with Schedules 7, 8, and 9 under the SPP Tariff. SPP uses SPS’s Commission-accepted formula to calculate other rates as well, such as Schedule 11. As noted below, SPS plans to work with SPP to make a companion filing requesting the instant changes to Attachment O-SPS be included in the SPP Tariff.

⁵ As required by the Uniform System of Accounts, the SAP system maintains records that are required to be reported by three digit FERC accounts plus a one digit sub-account, e.g., the transmission load dispatch expenses, FERC Accounts 561.1, 561.2, 561.3, etc.

in the SAP system. PSCo will continue to provide the detailed information on Table 17 and Table 23, as this information is still identifiable in the SAP system.

B. Other Tariff Revisions/SPP Tariff Revisions

In addition to revisions to reflect the new SAP system, PSCo and SPS are proposing to make additional revisions to their transmission formula rate templates for certain ministerial clean-up revisions.

SPS proposes to revise Attachment O-SPS to include revisions to Table 27 to more clearly show and reference the removal of certain pension and benefit expenses associated with a retail pension tracker and expenses related to the Eddy County HVDC tie.

PSCo proposes to revise Attachment O-PSCo to correct certain references to FERC Form No. 1 (“FF1”) information or to provide additional footnotes identifying the sources of FF1 information. The corrections include revisions to formula tables related to the calculation of certain ancillary services rates. In addition, PSCo proposes to include revisions to Table 18 and Table 19 that are not related to references to FF1 information. The revision to Table 18 is to include in Note 1 an explanation of the adjustment to removal of certain pension and benefit expenses associated with a retail pension tracker. The adjustment has previously been included in transmission rates, but now PSCo is adding an explanation in the footnote. The revision to Table 19 is to remove the labels in the description column, and make these lines blank and highlighted in yellow, as the list of which affiliates that allocate Post-Employment Benefits Other than Pensions expenses to PSCo can change from year to year. Having this column blank and highlighted in yellow gives PSCo the flexibility to list all the charges each year, without making a ministerial filing to change the list.

C. Exhibit III/SPP Tariff Revisions

Exhibit III to this filing includes a “road map” describing the revisions to Attachment O-PSCo and Attachment O-SPS in greater detail.

Upon or before Commission acceptance of the proposed revisions to Attachment O-SPS, XES and SPS will work with SPP to submit a companion filing to modify Attachment H to the SPP Tariff to reflect the revisions to Attachment O-SPS in the SPP Tariff, to be effective January 1, 2016.

III. INFORMATION RELATING TO THE EFFECT OF THE RATE CHANGE

The revisions to Attachment O-PSCo and Attachment O-SPS are ministerial in nature and will not affect the calculation of the PSCo ATRR or SPS ATRR or the resulting transmission rates. The ministerial corrections to the PSCo formula ancillary services rates will also not affect the calculation of the PSCo ancillary services rates.

PSCo and SPS thus request waiver of the requirements of 18 C.F.R. § 35.13 to the extent the rules would require the submission of cost of service statements in support of the enclosed revisions to Attachment O-PSCo and Attachment O-SPS to the Xcel Energy Tariff. PSCo and SPS also respectfully request that the Commission waive any requirement, including any other requirement of 18 C.F.R. § 35.13, that may be necessary to allow the proposed tariff changes to be accepted as proposed without modification or condition. Good cause exists to grant waiver because the enclosed revisions merely make ministerial revisions to the PSCo and SPS formula rates to reflect the new SAP general ledger system. Furthermore, granting a waiver under the circumstances would be consistent with Commission precedent as the rates at issue are formula rates based on actual costs.⁶

IV. ADDITIONAL INFORMATION SUBMITTED IN SUPPORT OF FILING⁷

A. Information Required by Section 35.13 of the Commission's Regulations, 18 C.F.R. § 35.13

1. Contents of Filing – Section 35.13(b)(1)

In addition to this transmittal letter, this filing includes the following:

- Exhibit I – the revised portions of Attachment O-PSCo Formulaic Rates and Attachment O-SPS Formulaic Rates in clean eTariff format;
- Exhibit II – the revised portions of Attachment O-PSCo Formulaic Rates and Attachment O-SPS Formulaic Rates in marked format;
- Exhibit III – road maps describing the revisions to Attachment-O PSCo and Attachment O-SPS in greater detail; and
- A list of state commissions being electronically served notice of this filing.

2. Requested Effective Date – Section 35.13(b)(2)

As described above, PSCo and SPS request an effective date of April 16, 2016, for the e-Tariff records contained in this filing.

If necessary, PSCo and SPS respectfully request that the Commission grant a waiver of the requirements of 18 C.F.R. § 35.12(b)(5) and any other waivers that may be deemed necessary

⁶ See, e.g., *Public Service Electric & Gas Co.*, 124 FERC ¶ 61,303 (2008); *Am. Elec. Power Serv. Corp.*, 120 FERC ¶ 61,205 (2007).

⁷ XES requests wavier of any other requirements of 18 C.F.R. § 35.13 as necessary to allow an effective date of April 16, 2016.

to accept the Tariff revisions effective April 16, 2016. Good cause exists to grant a waiver of the full 60 day prior notice requirement. Allowing this effective date will allow PSCo and SPS to calculate the 2016 rate year true-ups in 2017 using SAP financial information recorded on the books and records of PSCo and SPS, since JDE-based financial information is no longer available. This effective date will also allow PSCo and SPS to calculate their 2017 rate year Estimated Rates using projected ATRR data prepared in a format consistent with the SAP general ledger system, and the corrected FERC Form 1 and other ministerial revisions.

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

An electronic notice of this filing will be served on the Colorado Public Utilities Commission and all affected PSCo transmission service customers taking service under the Xcel Energy Tariff. A courtesy copy will be served on the Director, Division of Electric Power Regulation (West).

Additionally, electronic notice of this filing will be served on all transmission service customers in the SPS rate zone under the SPP Tariff, on SPP, and on the state commissions with jurisdiction over SPS. A courtesy copy or notice will be served on the Director, Division of Electric Power Regulation (Central).

Pursuant to 18 C.F.R. § 35.2(d), a copy of this filing will be posted for public inspection at the offices of Xcel Energy – Transmission Services at 414 Nicollet Mall – 6th Floor, Minneapolis, Minnesota 55401; at the offices of PSCo – Transmission at 18201 West 10th Avenue, Golden, Colorado 80401; and at the offices of SPS at 600 Tyler Street, Amarillo, TX 79101. In addition, a copy of this filing will be posted at the Open Access Transmission Tariff link at the Xcel Energy transmission website (www.transmission.xcelenergy.com).

4. Brief Description of Rate Change – Section 35.13(b)(4)

See Sections II and III above.

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

See Sections II and III above.

6. Requisite Agreement for Rate Change – Section 35.13(b)(6)

See Section II above.

7. Statement Showing Expenses or Costs Included in Cost-of-Service Statements – Section 35.13(b)(7)

None of the costs related to this filing have been alleged in any administrative or judicial proceeding to be illegal, duplicative, or unnecessary costs that are demonstrably the product of discriminatory practices.

V. COMMUNICATIONS

Correspondence and communications with respect to this filing should be sent to, and the XES requests the Secretary include on the official service list, the following:⁸

Wesley Berger
Manager, Rate Cases
Southwestern Public Service Company
600 S. Tyler Street
Amarillo, TX 79101
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414 Nicollet Mall – 401 8th Floor
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VI. ELECTRONIC FILING

PSCo and the other Xcel Energy Operating Companies recently converted the electronic PSCo Tariff from one electronic tariff software product to another. On April 15, 2016, XES made two separate filings to cancel the then-existing Xcel Energy Tariff electronic tariff records – including Attachment O-PSCo and Attachment O-SPS – and to institute new baseline tariff records to effectuate this migration. In Docket No. ER16-1427-000, XES filed to cancel the then-existing Xcel Energy Tariff records (Tariff ID 2000), and in Docket No. ER16-1422-000, XES filed to re-baseline the Xcel Energy Tariff (Tariff ID 2001). The Commission accepted the tariff cancellation and the new re-baseline tariff filings by delegated letter orders dated June 9, 2016 and August 16, 2016, respectively.

As such, PSCo is contemporaneously submitting two separate limited Section 205 filings to effectuate these revisions to the Xcel Energy Tariff: one to revise the cancelled Tariff ID 2000

⁸ To the extent necessary, XES respectfully request waiver of Rule 203(b)(3) of the Commission's Rules of Practice and Procedure, 18 C.F.R. § 385.203(b), to permit all of the persons listed to be placed on the official service list for this proceeding.

retroactive to January 1, 2016 and through April 15, 2016; and one to revise the re-baselined Tariff ID 2001 effective April 16, 2016. The instant filing revises the re-baselined Xcel Energy Tariff ID 2001 effective April 16, 2016, so the revisions are reflected in the currently effective Xcel Energy Tariff.

VII. CONCLUSION

For the reasons stated above, PSCo and SPS respectfully request that the Commission accept the revised e-Tariff records, to be effective April 16, 2016. PSCo and SPS further request all necessary waivers of any additional Commission regulations in order to permit the e-Tariff records to become effective on the date requested.

Respectfully submitted,

/s/ Liam D. Noailles

Liam D. Noailles

Manager, Federal Regulatory Affairs

Xcel Energy Services Inc.

1800 Larimer St, Suite 1200

Denver, CO 80202

Telephone: (303) 571-2794

Email: Liam.D.Noailles@xcelenergy.com

Cc: State Commissions service list
Director, Division of Electric Power Regulation (West)
Director, Division of Electric Power Regulation (Central)

CERTIFICATE OF SERVICE

I, Tracee J. Holte, hereby certify that I have this day electronically served or caused to be served a notice of the enclosed filing on the state Colorado Public Utilities Commission, the New Mexico Public Regulation Commission, the Public Utility Commission of Texas, and each customer taking service from PSCo under the Xcel Energy Tariff or network service from SPS under the SPP Tariff.

Dated at Minneapolis, Minnesota this 16th day of September, 2016.

/s/ Tracee J. Holte

Tracee J. Holte

Xcel Energy/Responsible by Nature

Transmission Business Analyst

414 Nicollet Mall, 6th Floor

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Exhibit 1

Revised Formula Tables - Attachment O-PSCo

Clean versions

Proposed Effective Date: 4/16/2016

Public Service Company of Colorado
Transmission Formula Rate Settlement Template
Twelve Months Ended December 31, 20XX
Annual Transmission Revenue Requirements- Estimated

Table 4
ATRR Est.

Line No.	RATE BASE & RETURN CALCULATION	Reference/Notes	Total Col. (3)	Allocator (Note O) Col. (4)	Transmission Col. (5)
	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%	0
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%	0
6	Intangible Plant	WP_B-1 Col. (d), Line 6	-	W/S 0.00%	0
7	Common Intangible	WP_B-1 Col. (d), Line 7	-	CE 0.00%	0
8	Common General	WP_B-1 Col. (d), Line 8	-	CE 0.00%	0
9	TOTAL GROSS PLANT	Sum Lines 2 through 8 Line 9, Col (5) divided by Col (3)	-	GP = 0.00%	-
10					
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%	-
26	TOTAL NET ACQUISITION ADJUSTMENT	Sum Lines 23 through 25	-		-
27					
28	NET PLANT IN SERVICE	(Note A)			

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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 3	-	DA	0.00%	-
41	Account No. 282	WP_B-2 Col (c) & (e), Line 30	-	DA		-
42	Account No. 283	WP_B-2 Col (c) & (e), Line 44	-	DA		-
43	Account No. 190	WP_B-3 Col (c) & (e), Line 81	-	DA		-
44	Regulatory Liabilities- FERC Account No. 254 (Note C)	WP_B-7 Col (e), Line 14	-	W/S	0.00%	-
45	Account No. 255	267.8.h	-	DA	100%	-
46	Account No. 107 (CWIP) (Note E)	WP_B-8 Col (a), Line 16	-	DA	100%	-
47	Net Pre-Funded AFUDC on CWIP included (Note E)	WP_B-8 Col (d), Line 16	-	DA	100%	-
48	Unamortized Balance of Abandoned Incentive Plant (Note E)	WP_B-Inputs Est. Line 143	-	DA	100%	-
49	Unamortized Balance of Extraordinary Property Loss (Note E)	WP_B-Inputs Est. Line 143	-	DA	100%	-
50	TOTAL OTHER RATE BASE ITEMS	Sum Lines 40 through 49	-			-
51						
52	LAND HELD FOR FUTURE USE (Note F)	WP_B-Inputs Est. Line 143	-	TP	0.00%	-
53						
54	WORKING CAPITAL					
55	Cash Working Capital	(Note G)	-			-
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	-	W/S	0.00%	-
60	Prepayments (Account 165) Transmission Related	WP_B-5 Line 20	-	TP	0.00%	-
61	Prepayments (Account 165) Other Not Allocated	WP_B-5 Line 44	-	NA	0.00%	-
62	TOTAL WORKING CAPITAL	Sum Lines 55 through 61	-			-

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63				
64	RATE BASE	Line 36 plus 50 plus 52 plus 62	-	-
65				
66	Rate of Return	Line 158	0.00%	0.00%
67				
68	RETURN (Rate Base * Rate of Return)	Line 64 times Line 66	-	-

Line No.	EXPENSE, TAXES & REVENUE		Reference/Notes	Total Col. (3)	Allocator (Note O) Col. (4)	Total	
	REQUIREMENTS	CALCULATION				Transmission	Col. (5)
		Col. (1)	Col. (2)				
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	-			
82	Less: Acc. 924, Property Insurance		WP_C-2 Line 5	-			
83	Balance of A & G		Sum Lines 81 through 82	-	W/S 0.00%		-
84	Plus: Account 924, Property Insurance		Line 82	-	NP 0.00%		-
85	Account 928 - Transmission Specific		WP_C-4 Line 6	-	DA 100%		-
86	A & G Subtotal		Sum Lines 81 through 85	-			-
87							
88	TOTAL O & M EXPENSE		Line 79 plus Line 86	-			-
89							
90							
91	DEPRECIATION AND AMORTIZATION EXPENSE						
92	Transmission		WP_B-1 Line 24 Col. (d)	-	DA 100%		-
93	Plus: Pre-Funded AFUDC Amortization (Note E)		WP_B-8 Col (f), Line 18	-	DA 100%		-

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94	Plus: Recovery of Abandoned Incentive Plant (Note E)	WP_B-Inputs Line 143	Est.	-	DA	100%	-
95	Plus: Recovery of Extraordinary Property Loss (Note E)	WP_B-Inputs Line 143	Est.	-	DA	100%	-
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%	-
101	TOTAL DEPRECIATION AND AMORTIZATION	Sum Lines through 100	92	-			-
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 through 106	104	-			-
108							
109	INCOME TAXES	(Note K)					
110	$T=1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\} =$			0.00%			
111	$CIT=(T/1-T) * (1-(WCLTD/R)) =$			0.00%			
112	where WCLTD=(line 153) and R= (line 156)						
113	and FIT, SIT & p are as given in Note K.						
114	$1 / (1 - T) =$ (from ln 110)			-			
115	Amortized Investment Tax Credit (enter negative)	Company Records					
116							
117	Income Tax Calculation	Line 68 times Line 111		-			-
118	ITC adjustment	Line 114 times Line 115		-	NP	0.00%	-
119	TOTAL INCOME TAXES	Sum Lines through 118	117	-			-
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 9		-	WS	0.00%	-
125	Account No. 456.1 (Revenue from Trans. of Elect. of Others)	WP_F-1 Line 8 Col. (b)		-	DA	100%	-
126	Account No. 456.1 (Revenue from Trans. of Elect. of Others)	WP_F-1 Line 8 Col. (c)		-	DA	100%	-
127	Settlement Credit	Note P		726,905	DA	100%	-
128	Total Revenue Credits			726,905			-
129							

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130 REVENUE REQUIREMENT

(726,9
05)

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Line No.	SUPPORTING CALCULATIONS	Reference/Notes	Total			Total	
			Col. (3)			Allocator (Note O)	Transmission
	Col. (1)	Col. (2)				Col. (4)	Col. (5)
131	TRANSMISSION PLANT INCLUDED IN THE ATRR	(Note M)					
132	Transmission plant	WP_B-1 Col. (a), Line 3					-
133	Transmission related Acquisition Adjustment	WP_B-4 Col. (c), Line 15					-
134	Total Transmission Plant	Sum Lines 131 through 132					-
135	Eliminate Generator Step-up facilities	WP_B-Inputs Est. Line 118					-
136	Transmission plant included in OATT Trans Rate	Sum Lines 133 through 134					-
137	Percent of Transmission Plant in the ATRR	Line 136 divided by Line 134				TP=	0.00%
138							
139	WAGES & SALARY ALLOCATOR (W/S)						
140	Production	Company Records WP_C-1 Line 31			NA	0.00%	-
141	Transmission	Col. (b)	-		TP	0.00%	-
142	Regional Market	Company Records			NA	0.00%	-
143	Distribution	Company Records			NA	0.00%	-
144	Other	Company Records			NA	0.00%	-
145	Total	Sum Lines 140 through 144	-				-
146							
147	W/S Allocator	Line 145, Col. (5) divided by Col. (3)				W/S=	0.00%
148							
149	Common to Electric Transmission Allocator	Common Plant to Electric (Common Plant Study)					
150		W/S Allocator, Line 147					0.00%
151		Line 149 times Line 150				CE=	0.00%
152							
153							
154	RETURN	(Note N)					
155	Long Term Debt	WP_G-1 Col. (n), Line 6	-		0.00%		0.0000
156	Preferred Stock	WP_G-1 Col. (n), Line 8	-		0.00%		0.0000
157	Common Stock	WP_G-1 Col. (n), Line 14	-		9.72%		0.0000
158	Total	Sum Lines 155 through 157	-			ROR=	0.0000

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159
160

161 PREPAYMENTS ALLOCATION FACTOR TO
162 ELECTRIC

20XX
FERC
Form
No. 1

163

163 Total Electric Plant in Service 207, Ln.100, Col. (g)

164 Common PIS Allocated to Electric 356

165 Electric Plant Held for Future Use 214, Ln. 47, Col. (d)

166 Electric Construction Work in Progress 216, Ln. 43, Col. (b)

167 Common CWIP Allocated to Electric 356

168 Total Electric Plant Sum Lines 163 through 167 -

169 Total Utility Plant 110, Ln. 4, Col. (c)

170

171 Electric Plant to Total Plant Allocation Factor Line 168 divided by Line 169 0.00%

General Notes: a) References to data from FERC Form No. 1 are indicated as: page#.line#.col.#

Notes:

- A Gross Plant, Accumulated Depreciation Reserves will be the average of thirteen monthly balances.
- B Transmission serving transmission related amounts associated with the Calpine Acquisition are included.
- C 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.
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- F 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.
- G Includes only transmission related or functionally booked as transmission land held for future use.
- F Cash Working Capital will be set at and remain \$0 until such time as PSCo files and receives FERC approval.
- G Account 565 Transmission by Others is included only to the extent used to integrate the

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- 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 = | | |
| | SIT= | | (State Income Tax Rate or Composite SIT) |
| | p = | | (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 9.72%. Thereafter, any change will require a filing with the Commission pursuant to FPA Section 205 or a Commission order pursuant to FPA Section 206.
- 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 **W/S** Allocator is found on Line 147.
- The calculation of the **CE** Allocator is found on Line 151.
- The calculation of the **TP** Allocator is found on Line 137.
- 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
- P changed without a Section 205 or 206 filing.

Proposed Effective Date: 4/16/2016

Public Service Company of Colorado
Transmission Formula Rate Settlement Template
Twelve Months Ended December 31, 20XX
Annual Transmission Revenue Requirements- Actual

Table 5
ATRR Act

Line No.	RATE BASE & RETURN CALCULATION	Reference/Notes	Total	Allocator (Note O)	Transmission
	Col. (1)	Col. (2)	Col. (3)	Col. (4)	Col. (5)
1	GROSS PLANT IN SERVICE	(Note A)			
2	Production	WP_B-1 Col. (d), Line 2	-	NA 0.00%	-
3	Transmission	WP_B-1 Col. (d), Line 3	-	DA 100%	-
4	Distribution	WP_B-1 Col. (d), Line 4	-	NA 0.00%	-
5	General Plant	WP_B-1 Col. (d), Line 5	-	W/S 0.00%	-
6	Intangible Plant	WP_B-1 Col. (d), Line 6	-	W/S 0.00%	-
7	Common Intangible	WP_B-1 Col. (d), Line 7	-	CE 0.00%	-
8	Common General	WP_B-1 Col. (d), Line 8	-	CE 0.00%	-
9	TOTAL GROSS PLANT	Sum Lines 2 through 8	-		-
10		Line 9, Col. (5) divided by Col. (3)		GP= 0.00%	
11					
12	ACCUMULATED DEPRECIATION	(Note A)			
13	Production	WP_B-1 Col. (d), Line 12	-	NA 0.00%	-
14	Transmission	WP_B-1 Col. (d), Line 13	-	DA 100%	-
15	Distribution	WP_B-1 Col. (d), Line 14	-	NA 0.00%	-
16	General Plant	WP_B-1 Col. (d), Line 15	-	W/S 0.00%	-
17	Intangible Plant	WP_B-1 Col. (d), Line 16	-	W/S 0.00%	-
18	Common Intangible	WP_B-1 Col. (d), Line 17	-	CE 0.00%	-
19	Common General	WP_B-1 Col. (d), Line 18	-	CE 0.00%	-
20	TOTAL ACCUMULATED DEPRECIATION	Sum Lines 13 through 19	-		-
21					
22	NET ACQUISITION ADJUSTMENT	(Note B)			
23	Production	WP_B-4 Col.(i) Line 15	-	NA 0.00%	-
24	Transmission Serving Production	WP_B-4 Col.(j) Line 15	-	NA 0.00%	-
25	Transmission Serving Transmission	WP_B-4 Col.(k) Line 15	-	DA 100%	-
26	TOTAL NET ACQUISITION ADJUSTMENT	Sum Lines 23 through 25	-		-
27					
28	NET PLANT IN SERVICE	(Note A)			
29	Production	Line 2 minus 13			

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		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 3	-	DA	0.00% -
41	Account No. 282	WP_B-2 Col. (c) & (e), Line 30	-	DA	-
42	Account No. 283	WP_B-2 Col. (c) & (e), Line 83	-	DA	-
43	Account No. 190	WP_B-3 Col. (c) & (e), Line 84	-	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% -
46	Account No. 107 (CWIP) (Note E)	WP_B-8 Col. (a), Line 16	-	DA	100% -
47	Net Pre-Funded AFUDC on CWIP included (Note E)	WP_B-8 Col. (d), Line 16	-	DA	100% -
48	Unamortized Balance of Abandoned Incentive Plant (Note E)	WP_B-Inputs Act. Line 142	-	DA	100% -
49	Unamortized Balance of Extraordinary Property Loss (Note E)	WP_B-Inputs Act. Line 142	-	DA	100% -
50	TOTAL OTHER RATE BASE ITEMS	Sum Lines 40 through 49	-		-
51					
52	LAND HELD FOR FUTURE USE (Note F)	WP_B-Inputs Act. Line 142	-	TP	0.00% -
53					
54	WORKING CAPITAL				
55	Cash Working Capital	(Note G)	-		-
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	-	W/S	0.00% -
60	Prepayments (Account 165) Transmission Related	WP_B-5 Line 20	-	TP	0.00% -
61	Prepayments (Account 165) Other Not Allocated	WP_B-5 Line 44	-	NA	0.00% -
62	TOTAL WORKING CAPITAL	Sum Lines 55 through 61	-		-
63					

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64	RATE BASE	Line 36 plus 50 plus 52 plus 62	-	-
65				
66	Rate of Return	Line 158	0.00%	0.00%
67				
68	RETURN (Rate Base * Rate of Return)	Line 64 times Line 66	-	-

Line No.	EXPENSE, TAXES & REVENUE		Reference/Notes	Total	Allocator (Note O)	Total	
	REQUIREMENTS	CALCULATION				Transmission	
		Col. (1)	Col. (2)	Col. (3)	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	Costs	Add Back Account 565.25- System Integration	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	-			
82	Less: Acc. 924, Property Insurance		WP_C-2 Line 5	-			
83	Balance of A & G		Sum Lines 81 through 82	-	W/S 0.00%	-	
84	Plus: Account 924, Property Insurance		Line 82	-	NP 0.00%	-	
85	Account 928 - Transmission Specific		WP_C-4 Line 7	-	DA 100%	-	
86	A & G Subtotal		Sum Lines 83 through 85	-		-	
87							
88	TOTAL O & M EXPENSE		Line 79 plus Line 86	-		-	
89							
90							
91	DEPRECIATION AND AMORTIZATION EXPENSE						
92	Transmission		WP_B-1 Line 24 Col. (d)	-	DA 100%	-	
93	Plus: Pre-Funded AFUDC Amortization (Note E)		WP_B-8 Col (f), Line 18	-	DA 100%	-	
94	Plus: Recovery of Abandoned Incentive Plant (Note E)		WP_B-Inputs Act. Line 142	-	DA 100%	-	

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95	Plus: Recovery of Extraordinary Property Loss (Note E)	WP_B-Inputs Act. Line 142	-	DA	100%	-
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. (o)	-	DA	100%	-
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	$T = 1 - \{[(1 - \text{SIT}) * (1 - \text{FIT})] / (1 - \text{SIT} * \text{FIT} * p)\} =$		0.00%			
111	$\text{CIT} = (T / 1 - T) * (1 - (\text{WCLTD} / \text{R})) =$		0.00%			
112	where WCLTD=(line 153) and R= (line 156)					
113	and FIT, SIT & p are as given in Note K.					
114	$1 / (1 - T) =$ (from ln 110)		-			
115	Amortized Investment Tax Credit (enter negative)	FF1 266.8.f				
116						
117	Income Tax Calculation	Line 68 times Line 111	-			-
118	ITC adjustment	Line 114 times Line 115	-	NP	0.00%	-
119	TOTAL INCOME TAXES	Sum Lines 117 through 118	-			-
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 9	-	WS	0.00%	-
125	Account No. 456.1 (Revenue from Trans. of Elect. of Others)	WP_F-1 Line 8 Col. (b)	-	DA	100%	-
126	Account No. 456.1 (Revenue from Trans. of Elect. of Others)	WP_F-1 Line 8 Col. (c)	-	DA	100%	-
127	Settlement Credit	Note P	726,905	DA	100%	-
128	Total Revenue Credits		-			-
129						
130	REVENUE REQUIREMENT		-			-

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Line No.	SUPPORTING CALCULATIONS	Reference/Notes	Total	Allocator (Note O)	Total Transmission
	Col. (1)	Col. (2)	Col. (3)	Col. (4)	Col. (5)
131	TRANSMISSION PLANT INCLUDED IN THE ATRR	(Note M)			
132	Transmission plant	WP_B-1 Col (a), Line 3			-
133	Transmission related Acquisition Adjustment	WP_B-4 Col. (c), Line 15			-
134	Total Transmission Plant	Sum Lines 131 through 132			-
135	Eliminate Generator Step-up facilities	WP_B-Inputs Act. Line 117			-
136	Transmission plant included in OATT Trans Rate	Sum Lines 133 through 134			-
137	Percent of Transmission Plant in the ATRR	Line 136 divided by Line 134		TP=	0.00%
138					
139	WAGES & SALARY ALLOCATOR (W/S)				
140	Production	FF1. 354.20.b		NA 0.00%	-
141	Transmission	WP_C-1 Line 31 Col. (b)	-	TP 0.00%	-
142	Regional Market	FF1. 354.22.b		NA 0.00%	-
143	Distribution	FF1. 354.23.b		NA 0.00%	-
144	Other	FF1. 354.24.b		NA 0.00%	-
145	Total	Sum Lines 140 through 144	-		-
146					
147	W/S Allocator	Line 145, Col. (5) divided by Col. (3)		W/S=	0.00%
148					
149	Common to Electric Transmission Allocator	FF1.356			
150		W/S Allocator, Line 147			0.00%
151		Line 149 times Line 150		CE=	0.00%
152					
153					
154	RETURN	(Note N)	\$ %	Cost	Weighted
155	Long Term Debt	WP_G-1 Line 6	-	0.00%	0.0000
156	Preferred Stock	WP_G-1 Line 8	-	0.00%	0.0000
157	Common Stock	WP_G-1 Line 14	-	9.72%	0.0000
158	Total	Sum Lines 155 through 157	-	ROR=	0.0000
159					
160					
161	PREPAYMENTS ALLOCATION FACTOR TO ELECTRIC				

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			Form No. 1
162			
163	Total Electric Plant in Service	207, Ln.100, Col. (g)	
164	Common PIS Allocated to Electric	356	
165	Electric Plant Held for Future Use	214, Ln. 47, Col. (d)	
166	Electric Construction Work in Progress	216, Ln. 43, Col. (b)	
167	Common CWIP Allocated to Electric	356	
168	Total Electric Plant	Sum Lines 163 through 167	-
169	Total Utility Plant	110, Ln. 4, Col. (c), plus Ln. 16, Col. (c)	
170			
171	Electric Plant to Total Plant Allocation Factor	Line 168 divided by Line 169	0.00%

General Notes: a) References to data from FERC Form No. 1 are indicated as: page#.line#.col.#

Notes:

- A Gross Plant, Accumulated Depreciation Reserves will be the average of thirteen monthly balances.
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The Net Acquisition Adjustment will be the average of thirteen monthly balances.
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- | | | | |
|------------------|-------|--|--|
| Inputs Required: | FIT = | | |
| | SIT= | | (State Income Tax Rate or Composite SIT) |
| | $p =$ | | (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.
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- P

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Public Service Company of Colorado
Transmission Formula Rate Settlement Template
Twelve Months Ended December 31, 20XX
Prior Period Corrections

Table 6
WP_A-2

Line			
<u>No.</u>			
1	<u>Explanation of Prior Period Correction:</u>		
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)	\$0.00	
18	Revised Rate (line 11 / line 15)	\$0.00	
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	
21	<u>III. Interest Calculation:</u>		
22		FERC	Number
23		Quarterly	of Days
24	<u>Month/Year</u>	<u>Interest Rates</u>	<u>in Month</u> <u>Monthly Interest Rate</u>

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25				0.0000
26				0.0000
27				0.0000
28				0.0000
29				0.0000
30				0.0000
31				0.0000
32				0.0000
33				0.0000
34				0.0000
35				0.0000
36				0.0000
37				0.0000
38				0.0000
39				0.0000
40				0.0000
41				0.0000
42				0.0000
43				0.0000
44				0.0000
45				0.0000
46	Average Monthly Interest Rate			0.0000
47	Over/Under Recovery Amount (In 20 amount)			\$0
48	Average Monthly Interest Rate (In 46)			<u>0.000</u>
49	Monthly Interest Recovery Amount (In 47 x In 48)			\$0
50	Number of Months for Interest Recovery Amount (from line 8)			0
51	Interest Recovery Amount (In 50 times In 49)			\$0
52	Prior Period Correction Adjustment (In 20)			<div><div>(Input to \$0 Annual Update) (Input to \$0 Annual Update)</div></div>
53	Interest on Prior Period Correction Adjustment (In 51)			

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>

Proposed Effective Date: 4/16/2016

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

Proposed Effective Date: 4/16/2016

Approved Effective Date:

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)			\$ -	

Approved Effective Date:

Table 16
WP_B-Inputs Act.

20 Accumulated Depreciation and Amortization

Approved Effective Date:

Depreciation Expense

45		Intangible Plant	Steam Production	Hydraulic Production	Other Production	Transmission Plant	Distribution Plant	General Plant	Common Intangible	Common General
46	FERC Form No. 1 reference	(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)

Proposed Effective Date: 4/16/2016

47	Total								
----	-------	--	--	--	--	--	--	--	--

48

49 **Plant Adjustments (4)**

50 **Gross**
 51 **Plant**

52

Electric Intangible			Distributio n Plant	General Plant	Common Intangible				Commo n General
FERC 302	Smart Grid City	Total	Smart Grid City	Smart Grid City	FERC 302	CRS	OMS	Total	Smart Grid City
54	December	-						-	
55	January	-						-	
56	February	-						-	
57	March	-						-	
58	April	-						-	
59	May	-						-	
60	June	-						-	
61	July	-						-	
62	August	-						-	
63	September	-						-	
64	October	-						-	
65	November	-						-	
66	December	-						-	
67	13 Month Avg. (Lns 53 - 65)	-	-	-	-	-	-	-	-

68

69 **Accumulated Depreciation**

Approved Effective Date:

[illegible]

Approved Effective Date:

December

January

February

March

April

May

June

July

August

--	--	--

[illegible][illegible][illegible]

Proposed Effective Date: 4/16/2016

140	September			-			-	
141	October			-			-	
142	November			-			-	
143	December			-			-	
144	13 Month Avg. (Lns 129 - 141)	-	-	-	-	-	-	-

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 adjustments are derived on WP_ADIT Prorate.

152 Note 6. Average BOY/EOY balance is reduced by the ADIT prorate adjustment in compliance with IRS regulation Section 1.167(l)-1(h)(6).

153 Note 7. FERC Form No 1, Page 356. Common Intangible Gross Plant includes Accounts 301-303. Common General Gross Plant includes Accounts 389-399.1.

154 Note 8. FERC Form No1, Page 356.1. Common Intangible Accumulated Amortization, Account 111 includes Franchises and Purchased Software. Common General Accumulated Depreciation, Account 108 includes Transportation and Other Plant plus Accumulated Amortization, Account 111, Office Remodeling.

Proposed Effective Date: 4/16/2016

Public Service Company of Colorado
Transmission Formula Rate Settlement Template
Twelve Months Ended December 31, 20XX
Transmission O&M

Table 17
WP_C-1

Line No.	TRANSMISSION EXPENSES		Estimated Amounts				Actual Amounts			
			Ref	Non Labor	Labor	Total	Ref	Non Labor	Labor	Total
				Col. (a)	Col. (b)	Col. (c)		Col. (a)	Col. (b)	Col. (c)
OPERATION										
1	560	Supervision and Engineering	Company Records			-	321.8 3.b			-
2	561.1	Load Dispatching - Reliability	Company Records			-	321.8 5.b			-
3	561.2	Load Dispatching - Monitor & Operate Transmission System	Company Records			-	321.8 6.b			-
4	561.3	Load Dispatching - Transmission Service & Scheduling	Company Records			-	321.8 7.b			-
5	561.4	Scheduling, System Control & Dispatch Services	Company Records			-	321.8 8.b			-
6	561.5	Reliability, Planning and Standards Development	Company Records			-	321.8 9.b			-
7	561.6	Transmission Service Studies (1)	Company Records			-	321.9 0.b			-
8	561.7	Generation Interconnection Studies	Company Records			-	321.9 1.b			-
9	561.8	Reliability, Planning & Standards Development Services	Company Records			-	321.9 2.b			-
10	562	Station Expenses	Company Records			-	321.9 3.b			-
11	563	Overhead Line Expenses	Company Records			-	321.9 4.b			-
12	564	Underground Lines Expense	Company Records			-	321.9 5.b			-
13	565	Transmission of Electricity by Others	Company Records			-	321.9 6.b			-
14	566	Miscellaneous Transmission Expenses	Company Records			-	321.9 7.b			-
15	567	Rents	Company Records			-	321.9 8.b			-
16	Total Operation			-	-	-	-	-	-	-
17										
18	MAINTENANCE									
19	568	Supervision and Engineering	Company Records			-	321.1 01.b			-
20	569	Structures	Company Records			-	321.1 02.b			-
21	569.1	Computer Hardware	Company Records			-	321.1 03.b			-
22	569.2	Computer Software	Company Records			-	321.1 04.b			-
23	569.3	Communication Equipment	Company Records			-	321.1 05.b			-
24	569.4	Miscellaneous Regional Transmission Plant	Company Records			-	321.1 06.b			-
25	570	Station Equipment	Company Records			-	321.1 07.b			-

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26	571	Overhead Lines (2)	Company Records			-	321.1 08.b			-
27	572	Underground Lines	Company Records			-	321.1 09.b			-
28	573	Miscellaneous Transmission Plant	Company Records			-	321.1 10.b			-
29		Total Maintenance		-	-	-		-	-	-
30										
31		TOTAL TRANSMISSION		-	-	-		-	-	-
32										
33										
34	565	System Integration Costs- Holy Cross TIEA (3)	Company Records	-	-	-	Com pany Reco rds		-	-
35										
36	561	Total FERC Account 561	Sum Lines 2 - 9	-	-	-		-	-	-

Note 1. Amount reflects 3 year amortization of the pre-construction costs associated with the San Luis-Calumet-Comanche Transmission Line (\$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.

Approved Effective Date:

Table 18
WP_C-2

Estimated						
Line No.	FERC	Account Description	Reference	Total	Adjustment	Adjusted Total
				Col. (a)	Col. (b)	Col. (c)
1	920	Administrative and general salaries	Company Records		\$ -	\$ -
2	921	Office supplies and expenses	Company Records		-	-
3	922	Administrative expenses transferred—Credit	Company Records		-	-
4	923	Outside services employed	Company Records		-	-
5	924	Property insurance	Company Records		-	-
6	925	Injuries and damages	Company Records		-	-
7	926	Employee pensions and benefits (1)	Company Records		-	-
8	927	Franchise requirements	Company Records		-	-
9	928	Regulatory commission expenses (2)	Company Records		-	-
10	929	Duplicate charges—Credit	Company Records		-	-
11	930.1	General Advertising Expenses (3)	Company Records		-	-
12	930.2	Miscellaneous general expenses (4)	Company Records		-	-
13	931	Rents	Company Records		-	-
14	935	Maintenance of general plant	Company Records		-	-
15		Subtotal		\$ -	\$ -	\$ -

Notes:

1. Post-Employment Benefits Other than Pensions (FAS 106) shall remain as a stated, fixed amount and shall not be changed except as directed by the Commission following a filing seeking such change pursuant to section 205 or 206 of the FPA. The adjustment is shown on WP_C-3 PBOP. PSCo will file annually to seek FERC approval of the updated PBOP expense. Retail Deferred Pension Expense, net of any amortization amounts recorded in FERC Account 926 will be excluded. Reference Form 1 Page 323, line 187, Footnote.
2. Regulatory Commission expenses (FERC Account 928) will be directly assigned to Transmission and are shown on WP_C-4.
3. General Advertising Expenses (FERC Account 930.1) will be excluded.
4. All industry association dues recorded in FERC Account 930.2 will be excluded.

Total Exclusion	Company Records	
-----------------	-----------------	--

Proposed Effective Date: 4/16/2016

Actuals						
Line No.	FERC	Account Description	Reference	Total	Adjustment	Adjusted Total
				Col. (a)	Col. (b)	Col. (c)
1	920	Administrative and general salaries	FF1, pg. 323, Line 181		\$ -	\$ -
2	921	Office supplies and expenses	FF1, pg. 323, Line 182		-	-
3	922	Administrative expenses transferred—Credit	FF1, pg. 323, Line 183		-	-
4	923	Outside services employed	FF1, pg. 323, Line 184		-	-
5	924	Property insurance	FF1, pg. 323, Line 185		-	-
6	925	Injuries and damages	FF1, pg. 323, Line 186		-	-
7	926	Employee pensions and benefits (1)	FF1, pg. 323, Line 187		-	-
8	927	Franchise requirements	FF1, pg. 323, Line 188		-	-
9	928	Regulatory commission expenses (2)	FF1, pg. 323, Line 189		-	-
10	929	Duplicate charges—Credit	FF1, pg. 323, Line 190		-	-
11	930.1	General Advertising Expenses (3)	FF1, pg. 323, Line 191		-	-
12	930.2	Miscellaneous general expenses (4)	FF1, pg. 323, Line 192		-	-
13	931	Rents	FF1, pg. 323, Line 193		-	-
14	935	Maintenance of general plant	FF1, pg. 323, Line 196		-	-
15		Subtotal		\$ -	\$ -	\$ -
Notes:						
1. Post-Employment Benefits Other than Pensions (FAS 106) shall remain as a stated, fixed amount and shall not be changed except as directed by the Commission following a filing seeking such change pursuant to section 205 or 206 of the FPA. The adjustment is shown on WP_C-3 PBOP. PSCo will file annually to seek FERC approval of the updated PBOP expense. Retail Deferred Pension Expense, net of any amortization amounts recorded in FERC Account 926 will be excluded. Reference Form 1 Page 323, line 187, Footnote.						
2. Regulatory Commission expenses (FERC Account 928) will be directly assigned to Transmission and are shown on WP_C-4.						
3. General Advertising Expenses (FERC Account 930.1) will be excluded.						
4. All industry association dues recorded in FERC Account 930.2 will be excluded.						
		Industry Association Dues	FF1, pg. 335, Line 1			
		Service Company Allocation of Industry Associateion Dues	FF1, pg. 335, Line 14			
		Total Exclusion		\$ -		

Proposed Effective Date: 4/16/2016

**Public Service Company of Colorado
Transmission Formula Rate Settlement Template
Twelve Months Ended December 31, 20XX
Post-Employment Benefits Other than Pensions (FAS 106)**

**Table 19
WP_C-3**

Line No.	Description	O&M		
		Total Expense Col. (a)	O&M \$ Col. (b)	Electric \$ Col. (c)
1				
2				
3				
4				
5				
6	Total	-	-	-
7				
8				
9				
10				
11				
12				
13				
14	Total	-	-	-
15				
16				
17				
18				
19				
20				
21				
22				
23				
24	Total	-	-	-
25				
26				
27				
28				
29				
30				
31				
32				
33				

Proposed Effective Date: 4/16/2016

34	Total	-	-	-
35				
36	Adjustment			
37	Estimated Amount Less Base Year Amount (Line 14 minus 6)	-	-	-
38	Actual Amount Less Base Year Amount (Line 28 minus 21)	-	-	-

Notes:

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.

Proposed Effective Date: 4/16/2016

Public Service Company of Colorado
Transmission Formula Rate Settlement Template
Twelve Months Ended December 31, 20XX
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			-
6					
7	Real and personal property taxes			263.i	
8	Use tax			263.i	
9	Total taxes related to property (1)	Company Records			-
10					
11	Miscellaneous				
12		Company Records			
13					
14	Total TOTI	Line 5 plus Line 9 plus Line 12	\$ -	115.14.g	\$ -

Note 1. The PSCo budget estimates these taxes only in total. Details as to actual taxes will be available for actuals in the Annual True-up.

Proposed Effective Date: 4/16/2016

Public Service Company of Colorado
Transmission Formula Rate Settlement Template
Twelve Months Ended December 31, 20XX
Revenue Credits

Table 22
WP_E-1

Estimated				
Line No.	FERC	Description	Total	Adjusted Total
			Col. (a)	Col. (b)
1	454-	Rent From Electric Property		
2	45400	Rental Income on Transmission Facilities		\$ -
3	45400	Rental Income on Other Facilities		-
4	Total 454		\$ -	\$ -
5				
6	421.1	Gain on disposition of property		
7	421.1	Amortization of the Gain on the Sale of TSB (Allocated to Transmission) Ref. WP_B-7 Line 15	\$ -	\$ -
8	421.1	Gain on disposition of property (Other Related)	-	-
9	Total 421.1		\$ -	\$ -

Actual				
Line No.	FERC	Description	Total	Adjusted Total
			Col. (a)	Col. (b)
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	421.1	Gain on disposition of property		
7	421.1	Amortization of the Gain on the Sale of TSB (Allocated to Transmission) Ref. WP_B-7 Line 15	\$ -	\$ -
8	421.1	Gain on disposition of property (Other Related)	-	-
9	Total 421.1- FERC Form No. 1 pg. 117 Ln 40		\$ -	\$ -

Proposed Effective Date: 4/16/2016

Public Service Company of Colorado

Transmission Formula Rate Template

Account 456.1- Revenues from Transmission of Electricity of Others

Table 23

WP_F-1

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

Description of Revenue Types:

Ancillary

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

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

Proposed Effective Date: 4/16/2016

Att O-PSCo Formula Rate,
Table 23, WP_F-1- Revs from Trans. of Elect. of Others
Version 0.2.0
Page 2 of 4
Approved Effective Date:

Divi	
sor	Load associated with these revenues are included in the formula divisor.
Cre	
dit	Revenue credit because the load is not included in divisor.

Proposed Effective Date: 4/16/2016

Actuals	L n	N o.	Type	Desc/ Service Type	Divis or kW	Point to	Network	Scheduli ng, System Control & Dispatch	Reactive	Regulation	Regulat ion and Freque ncy Schedu le 3 & 3A - VER	Regulat ion and Freque ncy Schedu le 3 & 3A - Non- VER	Network & Energy Imbalanc e Schedul e 4	Network & Interco. Spinning Reserve Schedul e 5	Supplem ental Spinning Reserve Schedule 6	Flex Reser ve Sched ule 16	FERC	Total
						Trans	Trans	Dispatch	Voltage Control	and Frequency	and Freque ncy	and Freque ncy Schedu le 3 & 3A - Non- VER	Energy Imbalanc e	Spinning Reserve	Spinning Reserve	Flex Reser ve	Assess Pass	of
						Schedules 7 & 8	Schedul e 9	Schedul e 1	Schedul e 2	Schedule 3 & 3A						Through	Line	
				(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	
	1																	-
	2																	-
	3																	-
	4																	
	5																	
	6																	
	7																	
			Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Summarized by Type:															
	8	Credit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	Divisor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10	Ancillary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11	Other Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12	(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Description of Revenue Types:
Ancillary

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

Proposed Effective Date: 4/16/2016

Divis
or Load associated with these revenues are included in the formula divisor.
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 O ties to the balance of Account 456.1 as reported in the FERC Form 1.

Proposed Effective Date: 4/16/2016

Public Service Company of Colorado
Transmission Formula Rate Settlement 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		Most recent FF1, Pg 205, Ln 12
3	Acct 344 CT Generators		Most recent FF1, Pg 205, Ln 41
4	Subtotal of Production Accounts 314 & 344	\$0	Line 2 + Line 3
5	Percent of Production Plant for Dual Use	20%	
6	Dual use of Production Accounts 314 & 344	\$0	Line 4 * Line 5
7	Generation Step Ups		Most recent FF1, Footnote, Page 204, Line 58
8	Total Dual Use Production Plant	\$0	Line 6 + Line 7
9	Dual Use Plant Alloc. To Reactive Power	\$0	Line 34 * Line 8
10	Fixed Charge Rate (including O&M) for all Production Plant	0.0000	WP_FCR Line 21
11	Annual Cost of Reactive Power Equipment	\$0	Line 9 * Line 10
12	Revenue Requirement for Real Power losses related to reactive power equipment		
13	Total Production Plant Investment	\$0	WP_FCR Line 50
14	Less: Dual Use Plant Alloc. To Reactive Power	\$0	Line 9
15	Net Production Plant	\$0	Line 13 - Line 14
16	Fixed Charge Rate (including O&M) for all Production Plant	-	WP_FCR Line 21
17	Total Production Plant Revenue Requirement including O&M	\$0	Line 15 * Line 16
18	Real Power Losses	0.15%	Fixed Value
19	Revenue Requirement for Real Power losses related to reactive power equipment	\$0	Line 17 * Line 18

Proposed Effective Date: 4/16/2016

20	Total Revenue Requirement for Reactive Power	<u>\$0</u>	Line 11 + Line 19
21	Average of 12 Month Coincident Peaks		Prior Year's True-up Formula Template
22	Rates		
23	Annual Reactive Power Charge	\$0.000	\$ per kW - Year (Line 20 / Line 21)
24	Monthly Point-to-Point Delivery	\$0.000	\$ per kW - Month (Line 23 / 12)
25	Weekly Point-to-Point Delivery	\$0.000	\$ per kW - Week (Line 23 / 52)
26	Daily Point-to-Point Delivery On-Peak	\$0.000	\$ per kW - day (Line 25 / 6)
27	Daily Point-to-Point Delivery Off-Peak	\$0.000	\$ per kW - day (Line 25 / 7)
28	Hourly Point-to-Point Delivery On-Peak	\$0.000	\$ per MWh ((Line 26 / 16) X 1000)
29	Hourly Point-to-Point Delivery Off-Peak	\$0.000	\$ per MWh ((Line 27 / 24) X 1000)
30	Network Integration Delivery	\$0.000	\$ per kW - Month (Line 24)
31	PSCO Total Rated Capacity =		kVA
32	PSCO Total Generator Net Max. =		kW
33	PSCO Total VAR Rating =		kVAR
34	% of Plant dedicated to VAR Production is = (kVAR^2 / kVA^2) X 100 =	0.0000%	

Proposed Effective Date: 4/16/2016

Public Service Company of Colorado
Transmission Formula Rate Settlement Template
Ancillary Services, Schedule No. 5 -
Operating Reserve - Spinning Reserve Service

Table 30
Schedule 5

Line No.	Plant	Total Cost (1)	Total dual use for VAR Production (2)	Cost of plant / Total Cost (a) / Ln 19 (c)	Total dual use for VAR Production per Plant (b x c) (d)	Total Cost for Reg. and Freq. Response Serv.. (a) - (d) (e)	Unity = Plants Selected for Op Res Spinning Reserve (3) (f)	Prod. FCR with O&M (4) (g)	Annual Cost of Gen. Plnt.. To provide Svc. (e) X (f) * (g) (h)	Gen. Max Name Plate (kW) (1) (i)
		col. (a)	col. (b)	col. (c)	col. (d)	col. (e)	col. (f)	col. (g)	col. (h)	col. (i)
1	0	\$ -	\$ -	0.00000	\$ -	\$ -		0	\$ -	0
2	0	-	-	0.00000	-	-		0	-	0
3	0	-	-	0.00000	-	-		0	-	0
4	0	-	-	0.00000	-	-		0	-	0
5	0	-	-	0.00000	-	-		0	-	0
6	0	-	-	0.00000	-	-		0	-	0
7	0	-	-	0.00000	-	-		0	-	0
8	0	-	-	0.00000	-	-		0	-	0

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9	0	-	-	0.00000	-	-		0	-	0
10	0	-	-	0.00000	-	-		0	-	0
11	0	-	-	0.00000	-	-		0	-	0
12	0	-	-	0.00000	-	-		0	-	0
13	0	-	-	0.00000	-	-		0	-	0
14	0	-	-	0.00000	-	-		0	-	0
15	0	-	-	0.00000	-	-		0	-	0
16	0	-	-	0.00000	-	-		0	-	0
17	0	-	-	0.00000	-	-		0	-	0
18	0	-	-	0.00000	-	-		0	-	0
19		\$	-	0.00000	\$	-	\$	-	\$	0

20 Note:
 (1) WP_Cost per Unit

21 (2) Schedule 2 Line 8
 (3) 1 = Yes; 0 = No

Average Generation Unit Cost to Provide Service

\$0.000

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

Proposed Effective Date: 4/16/2016

Approved Effective Date:

22	(4) WP_FCR Line 21	Monthly Point-to-Point Delivery	\$0.000	per kW month (Line 21 / 12)
23		Weekly Point-to-Point Delivery	\$0.000	per kW week (Line 21 / 52)
24		Daily Point-to-Point Delivery On-Peak	\$0.000	per kW day (Line 23 / 6)
25		Daily Point-to-Point Delivery Off-Peak	\$0.000	per kW - day (Line 23 / 7)
26		Hourly Point-to-Point Delivery On-Peak	\$0.000	per MWh ((Line 24 / 16) X 1000)
27		Hourly Point-to-Point Delivery Off-Peak	\$0.000	per MWh ((Line 25 / 24) X 1000)
28		Network Integration Delivery	\$0.000	per kW month (Line 22)

Proposed Effective Date: 4/16/2016

Public Service Company of Colorado
Transmission Formula Rate Settlement Template
Ancillary Services, Schedule No. 6 -
Operating Reserve - Supplemental Reserve Service

Table 31
Schedule 6

Line No.	Plant	Total Cost (1)	Total dual use for VAR Production (2)	Cost of plant / Total Cost (a) / Ln 19 (c)	Total dual use for VAR Production per Plant (b x c) (d)	Total Cost for Oper. Reserve Supplemental (a) - (d) (e)	Unity = Plants Selected Oper. Reserve Spinning Serv. (3) (f)	Prod. FCR with O&M (4) (g)	Annual Cost of Selected Plant to Provide Service (e) * (f) * (g) (h)	Gen. Max Name Plate (kW) (i)
		col. (a)	col. (b)	col. (c)	col. (d)	col. (e)	col. (f)	col. (g)	col. (h)	col. (i)
1		\$ -	\$ -	0.00000	\$ -	\$ -		0.0000	\$ -	0
2		0 -	-	0.00000	-	-		0.0000	-	0
3		0 -	-	0.00000	-	-		0.0000	-	0
4		0 -	-	0.00000	-	-		0.0000	-	0
5		0 -	-	0.00000	-	-		0.0000	-	0
6		0 -	-	0.00000	-	-		0.0000	-	0
7		0 -	-	0.00000	-	-		0.0000	-	0
8		0 -	-	0.00000	-	-		0.0000	-	0

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9	0	-	-	0.00000	-	-		0.0000	-	0
10	0	-	-	0.00000	-	-		0.0000	-	0
11	0	-	-	0.00000	-	-		0.0000	-	0
12	0	-	-	0.00000	-	-		0.0000	-	0
13	0	-	-	0.00000	-	-		0.0000	-	0
14	0	-	-	0.00000	-	-		0.0000	-	0
15	0	-	-	0.00000	-	-		0.0000	-	0
16	0	-	-	0.00000	-	-		0.0000	-	0
17	0	-	-	0.00000	-	-		0.0000	-	0
18	0	-	-	0.00000	-	-		0.0000	-	0
19		\$	-	0.000000	\$	-	\$	-	\$	0

20 Notes:

(1) WP_Cost per Unit

21 (2) Schedule 2 Line 8

(3) 1 = Yes; 0 = No

Average Generation Unit Cost to Provide Service

\$0.000

per kW year
 (Col. (h) In 19
 / Col. (i) Ln
 19)

Proposed Effective Date: 4/16/2016

Approved Effective Date:

22	(4) WP_FCR Line 21	Monthly Point-to-Point Delivery	\$0.000	per kW month (Line 21 / 12)
23		Weekly Point-to-Point Delivery	\$0.000	per kW week (Line 21 / 52)
24		Daily Point-to-Point Delivery On-Peak	\$0.000	per kW day (Line 23 / 6)
25		Daily Point-to-Point Delivery Off-Peak	\$0.000	per kW - day (Line 23 / 7)
26		Hourly Point-to-Point Delivery On-Peak	\$0.000	per MWh ((Line 24 / 16) X 1000)
27		Hourly Point-to-Point Delivery Off-Peak	\$0.000	per MWh ((Line 25 / 24) X 1000)
28		Network Integration Delivery	\$0.000	per kW month (Line 22)

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Public Service Company of Colorado
Transmission Formula Rate Settlement Template
Fixed Charge Rate Worksheet ("FCR")
12 Months Ended December 31, 2010

Table 32
WP_FCR

Line No.		Production	Reference
1	(1) O&M	0.00000	Line 56
2			
3	(2) Other Taxes	0.00000	Line 69
4			
5	(3) A&G	0.00000	Line 83
6			
7	(4) Return (1)	0.00000	Line 133
8			
9	(5) Depreciation (1)	0.00000	Line 148
10			
11	(6) Composite Income Tax	0.00000	Line 152
12			
13	(7) General & Intangible Plant	0.00000	Line 173
14			
15	(8) Cash Working Capital	0.00000	Line 179
16			
17	(9) ADIT Adjustment	0.00000	Line 200
18			
19	(10) Materials & Supplies	0.00000	Line 213
20			
21	FIXED CHARGE RATE	0.00000	
22			

Note 1: Return on Equity and the Depreciation rates cannot change without a Section 205 or 206 filing.

(1)	O&M Expense:	Reference (2)	\$ Amount (2)
25			
26			
27	A. Total Power Production Expenses	Pg 321, Ln 80b	
28			
29			
30	B. Purchased Power Expenses (Acct. 555)	Pg 321.76b	
31			
32			
33	C. Energy Related O&M		
34	Account 501	Pg 320, Ln 5b	
35	Account 503	Pg 320, Ln 7b	
36	Account 504	Pg 320, Ln 8b	

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37	Account 509	Pg 320, Ln 12b	
38	Account 510	Pg 320, Ln 15b	
39	Account 512	Pg 320, Ln 17b	
40	Account 513	Pg 320, Ln 18b	
41	Account 518	Pg 320, Ln 25b	
42	Account 528	Pg 320, Ln 35b	
43	Account 530	Pg 320, Ln 37b	
44	Account 531	Pg 320, Ln 38b	
45	Account 544	Pg 320, Ln 56b	
46	Account 547	Pg 321, Ln 63b	
47	Total C	Sum Line 34 - Line 46	-
48			
49	D. Total Production Plant Investment		
50	Total Production Plant	Pg 205, Ln 46g	
51	Less: Production ARO	Pg 205, -Ln 15g	
52	Plus Generator Step Ups	Schedule 2 Line 7	0
53			
54	Total D	Sum Line 50 - Line 52	0
55			
56	Production O&M FCR	(A-B-C)/D =	0.00000
57			
58	(2) OTHER TAXES EXPENSE		
59			
60	A. Other Taxes (Electric Only)	Pg 115, Ln 14g	
61			
62	B. Total Electric Plant in Service		
63	Electric Plant in Service	Pg 207, Ln 100g	
64	Less ARO	Pg 207, Ln 15, Ln 34 Ln 44, Ln 57, Ln 74, Ln 83, Ln 98	
65	Plus Common Electric Plant in Service	Pg 356 WP_B-4	
66	Plus Total Acquisition Adjustment	Line 15 ,Col. (d)	0
67	Total Electric Plant in Service	Sum Line 63 - Line 66	0
68			
69	Other Taxes FCR	A/B	0.00000
70			
71	(3) A&G EXPENSE		
72			
73	A. Production Wages Expense	Pg 354, Ln 20b	
74			

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75	B. A&G Wages Expense	Pg 323, Ln 181b	
76			
77	C. Total Wages Expense	Pg 354, Ln 28b	
78			
79	D. Total A&G related O&M	Pg 323, Ln 197b	
80			
81	E. Total Production Plant Investment	Line 54	0
82			
83	A&G Expense FCR	(A/(C-B))*D/E	0.00000
84			

		Reference (2)	\$ Amount (2)
86	(4) RATE OF RETURN WORKSHEET		
87			
88			
89	A. Common Equity Calculation		
90			
91	Proprietary Capital	Pg 112 Ln 16c	
92			
93	Less: Preferred Stock Issued	Pg 112 Ln 3c	
94			
95	Less: Account No. 216.1	Pg 112 Ln 12c	
96			
97	Less: Accum other comprehensive Income	Pg 112 Ln 15	
98			
99	Common Equity =	Line 91 - 93 - 95 - 97	0
100			
101	B. Rate of Return Calculation		
102			
103	Long Term Debt	pg.112, sum of 18c thru 21c	
104			
105	Preferred Stock	(Pg.112 Ln 3c)	
106			
107	Common Equity	Line 99	0
108			
109	Total Capital =	Line 103 + 105 + 107	0
110			
111	C. Cost of Debt		
112	Interest on Long Term Debt	Pg 117 Ln 62c	
113	Interest on Debt to Assoc. Companies (LTD portion only)	Pg 117 Ln 67c	
114	Amortization of Debt Discount and Expense	Pg 117 Ln 63c	
115	Amortization of Loss on Reacquired Debt	Pg 117 Ln 64c	

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116	Less: Amort of Premium on Debt	Pg 117 Ln 65c	
117	Less: Amort of Gain on Reacquired Debt	Pg 117 Ln 66c	
118	Total Interest Expense		0
119			
120	Average Cost of Debt (Line 118 / Line 103)		0.00%
121			
122	D. Cost of Preferred Stock		
123	Preferred Stock Dividends	Pg 118 Ln 29c	
124			
125	Average Cost of Preferred Stock (Line 123 / Line 105)		
126			

127	CAPITAL STRUCTURE			
128				Weighted Cost Of Capital
129		<u>Amount</u>	<u>%</u>	<u>%</u>
130	Long Term Debt	\$0	0.00%	0.00%
131	Preferred Stock	\$0	0.00%	0.00%
132	Common Equity (1)	\$0	0.00%	9.72%
133	Total	\$0	0%	ROR= 0.00%
134				
135				
136				
137				

138	(5)	DEPRECIATION EXPENSE	Reference (2)	\$ Amount (2)
139				
140		Production Depreciation Expense	Pg 336 Lns 2-6b	
141				
142		Total Production Plant Investment	Line 54	0
143				
144		SLDp =	Line 140 / 142	0.00000
145				
146		n =	1 / Line 144	0.000
147				
148		SFDp =	R/(1+R)^n-1	0.00000
149				

150	(6)	COMPOSITE INCOME TAX EXPENSE	
151			
152		Production CIT=	0.00000
153		Formula: (35/65+State Tx)/(1-State Tx)*(ROR+SFD-SLD)*(1-Wtd.LTD/ROR)	
154		State Tax Rate	
155			
156			
157			

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158

159

160

161

162

(7) General & Intangible Plant

163

164

165

Production Wages Expense

Line 73

-

166

Total Wage Expense Less A&G Wage expenses

Line 77 -

Line 75

-

167

Production W/S Allocator

Line 165 / Line 166

0.00%

168

General & Intangible plant

Pg 205 and 207,

Lns5G + 96 G

169

General & Intangible plant allocated to Production

Line 167 * Line 168

-

170

Revenue Requirement FCR

Line 3 + 7 + 9 + 11 +

17 + 19

0.000%

171

General & Intangible Plant Revenue Requirement

Line 169 * Line 170

-

172

Total Production Plant Investment

Line 50

-

173

General & Intangible Plant FCR

Line 171 / Line 172

-

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

182

(9) ACCUMULATED DEFERRED INCOME TAX

183

184

Total Production plant

Line 54

0

185

Total Electric Plant

Line 67

0

186

Accumulated Deferred Income Tax

Pg 234 Ln

2c + 3c

Pg 273 Ln

4k

Pg 275 Ln

2k

Pg 277 Ln

9k

0

187

Account 190

188

Account 281

189

Account 282

190

Account 283

191

Total ADIT

192

(Line 184 /

185) * Line

191

-

193

A. Production share of ADIT

194

195

Proposed Effective Date: 4/16/2016

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196	B. Return and Taxes	Line 7 + 11	0.000%
197			
198	C. Production Plant (plus step ups)		0
199			
200	(A x B) / C =		-
201			
202	(10) Materials & Supplies		
203			
204			
205			
206	A. Total Non-Fuel M&S	Pg 227 Ln 7	
207	B. ROR	Line 133	0.00%
		Line 206 *	
208	C. Return on M&S	207	0
209	D. Total Prod Plnt	Line 50	0
210			
211	E. Total Plnt in Service	Line 63	0
		Line 209 /	
212	F. % of Prod Plant	211	0.0000
		(Line 208 *	
		212) / Line	
213	G. Prod M&S Factor	209	0.00000

Note 2: Fixed Charge Rate amounts are based on actuals from the most recently completed FERC Form No. 1 at the time of the estimate and are not trued up.

Proposed Effective Date: 4/16/2016

Public Service Company of Colorado
Transmission Formula Rate Settlement 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				0.00000	\$ -	\$0
2				0.00000	\$ -	\$0
3				0.00000	\$ -	\$0
4				0.00000	\$ -	\$0
5				0.00000	\$ -	\$0
6				0.00000	\$ -	\$0
7				0.00000	\$ -	\$0
8				0.00000	\$ -	\$0
9				0.00000	\$ -	\$0
10				0.00000	\$ -	\$0
11				0.00000	\$ -	\$0
12				0.00000	\$ -	\$0
13				0.00000	\$ -	\$0
14				0.00000	\$ -	\$0
15				0.00000	\$ -	\$0
16				0.00000	\$ -	\$0
17				0.00000	\$ -	\$0
18				0.00000	\$ -	\$0

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19	Total		\$0	-	0.00000	\$	-	\$	-
		Non VAR Related							
		Percent (1 -							
20		Schedule 2 Line							
		34)					100.000%		
		GSU's (Schedule							
21		2 Line 7)					-		
		Recoverable Non							
		VAR GSU (Line							
22		20 * Line 21)					-		

(1) FERC Form No. 1 Pages 402-403, Line 17

(2) FERC Form No. 1 Pages 402-403, Line 5

Exhibit 1

Revised Formula Tables - Attachment O-SPS

Clean versions

Proposed Effective Date: 4/16/2016

Southwestern Public Service Company
 Worksheet B - Revenue Credits

Worksheet B
 Table 16

Account 456.1, Revenues from Transmission of Electricity of Others, Projected for Billing Year =

20yy \$ -

Line No.	Type	Description	(a) RTO	(b) Network Transmission	(c) Scheduling, System Control & Dispatch	(d) Reactive Supply & Voltage Control	(e) Regulation and Frequency	(f) Network & Energy Imbalance	(g) Network & Interco. Spinning Reserve	(h) Supplemental Spinning Reserve	(i) FERC Assess Pass Through	(j) Total Of Line Items
11												0.00
12												0.00
13												0.00
14												0.00
15												0.00
16												0.00
17												0.00
18												0.00
19												0.00
20												0.00
21												0.00
22												0.00
23												0.00
24												0.00
25												0.00
26												0.00
27												0.00
28												0.00
29												0.00
30												0.00
31												0.00
32												0.00
33												0.00
34												0.00
35												0.00
36												0.00
37												0.00
38												0.00
39												0.00
40												0.00
41												0.00
42												0.00
43		Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44												
45		Summarized by Type: Note 2										
46	Credit		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47	Divisor		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	Ancillary		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	Other		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	Total		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

51 Description of Revenue Types:

52 Ancillary Ancillary services includes regulation & frequency, control & dispatch, voltage
 53 control, reactive, spinning reserve, scheduling and generation step-up.

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

55 Credit Revenue credit because load not included in divisor.

56 Note 2 - SPP point to point revenues are being revenue credited here because SPP will not revenue credit these revenues to LSEs.

Proposed Effective Date: 4/16/2016

Southwestern Public Service Company
 Worksheet B - Revenue Credits

Worksheet B
 Table 17

Account 456.1, Revenues from Transmission of Electricity of Others, Actual for Billing Year = 20yy \$ - (Total Company - FF1, p 330, col. N)

Lin e No.	Type	Description	(a) RTO	(b) Transmission	(c) Dispatch	(d) Control	(e) Frequency	(f) Imbalance	(g) Reserve	(h) Reserve	(i) Through	(j) Items	(k) No. 1
			Network	Scheduling, Reactive System Control & Supply & Voltage	Regulation and Network & Energy	Interco. Spinning	Supplemental Assess Pass	FERC Total Of Line	Total Per FERC Form				

57													
58													
59													
60													
61													
62													
63													
64													
65													
66													
67													
68													
69													
70													
71													
72													
73													
74													
75													
76													
77													
78													
79													
80													
81													
82													
83													
84													
85	Total		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
86													
87	Summarized by Type: Note 2												
88	Credit		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
89	Divisor		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	Ancillary		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91	Other		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92	Total		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

93 Description of Revenue Types:

94 Ancillary Ancillary services includes regulation & frequency, control & dispatch, voltage
 95 control, reactive, spinning reserve, scheduling and generation step-up.
 96 Divisor Load associated with these revenues are included in the formula divisor.
 97 Credit Revenue credit because load not included in divisor.

98 Note 2 - SPP point to point revenues are being revenue credited here because SPP will not revenue credit these revenues to LSEs.

Proposed Effective Date: 4/16/2016

Southwestern Public Service Company
 Worksheet G - O&M Expenses and Wages and Salaries

Worksheet G
 Table 27

Line No.	(a) FERC Account No.	(b) Description	(c)	(d)	(e) Projected Amount	(f) Reference for Actual	(g) Actual Amount	(h)	(i)
1		<u>TRANSMISSION EXPENSES</u>							
2		<u>OPERATION</u>							
3	560	Supervision and Engineering				321.83.b			
4	561.0	Load Dispatching				321.84.b			
5	561.1	Load Dispatching - Reliability				321.85.b			
6	561.2	Load Dispatching - Monitor & Operate Transmission System				321.86.b			
7	561.3	Load Dispatching - Transmission Service & Scheduling				321.87.b			
8	561.4	Scheduling, System Control & Dispatch Services				321.88.b			
9	561.5	Reliability, Planning and Standards Development				321.89.b			
10	561.6	Transmission Service Studies				321.90.b			
11	561.7	Generation Interconnection Studies				321.91.b			
12	561.8	Reliability, Planning and Standards Development Services				321.92.b			
13	562	Station Expenses				321.93.b			
14	563	Overhead Line Expenses				321.94.b			
15	564	Underground Line Expenses				321.95.b			
16	565	Transmission of Electricity by Others				321.96.b			
17	566	Miscellaneous Transmission Expenses				321.97.b			
18	567	Rents				321.98.b			
19		Total Operation			0		0		
20									
21		<u>MAINTENANCE</u>							
22	568	Supervision and Engineering				321.101.b			
23	569	Structures				321.102.b			
24	569.1	Computer Hardware				321.103.b			
25	569.2	Computer Software				321.104.b			
26	569.3	Communication Equipment				321.105.b			
27	569.4	Miscellaneous Regional Transmission Plant				321.106.b			
28	570	Station Equipment				321.107.b			
29	571	Overhead Lines				321.108.b			
30	572	Underground Lines				321.109.b			
31	573	Miscellaneous Transmission Plant				321.110.b			
32		Total Maintenance			0		0		
33									
34		Total Transmission O&M			0		0		
35									
36		Less: All 561 Accounts			0		0		
37		Add Back: Account 561.6 - Transmission Service Studies			0		0		
38		Add Back: Account 561.7 - Generation Interconnection Studies			0		0		
39		Less: Account 565 - Transmission of Electricity by Others			0		0		
40		Transmission O&M Expense Adjustment (Note 1)							
41									
42		Total Net Transmission Expense			0		0		
43									
44		<u>ADMINISTRATIVE AND GENERAL</u>							
45		<u>OPERATION</u>							
46	920	Administrative and General Salaries				323.181.b			
47	921	Office Supplies and Expense				323.182.b			
48	922	(Less) Administrative Expense Transferred				323.183.b			
49	923	Outside Services Employed				323.184.b			
50	924	Property Insurance				323.185.b			
51	925	Injury and Damages				323.186.b			
52	926	Employee Pensions and Benefits				323.187.b			
53	928	Regulatory Commission Expenses				323.189.b			
54	929	(Less) Duplicate Charges-Cr.				323.190.b			
55	930.1	General Advertising Expenses				323.191.b			
56	930.2	Miscellaneous General Expenses				323.192.b			

Approved Effective Date:

82 (Note 1: Eliminate Eddy County HVDC transmission O&M and A&G expenses.)

Exhibit II

Revised Formula Tables - Attachment O-PSCo

Marked versions

Public Service Company of Colorado
Transmission Formula Rate Settlement Template
Twelve Months Ended December 31, 20XX
Annual Transmission Revenue Requirements- Estimated

Table 4
ATRR Est.

Line No.	RATE BASE & RETURN CALCULATION	Reference/Notes	Total Col. (3)	Allocator (Note O) Col. (4)	Transmission Col. (5)
	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%	0
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%	0
6	Intangible Plant	WP_B-1 Col. (d), Line 6	-	W/S 0.00%	0
7	Common Intangible	WP_B-1 Col. (d), Line 7	-	CE 0.00%	0
8	Common General	WP_B-1 Col. (d), Line 8	-	CE 0.00%	0
9	TOTAL GROSS PLANT	Sum Lines 2 through 8 Line 9, Col (5) divided by Col (3)	-	GP = 0.00%	-
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	-		-
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%	-
26	TOTAL NET ACQUISITION ADJUSTMENT	Sum Lines 23 through 25	-		-
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 3	-	DA	0.00%	-
41	Account No. 282	WP_B-2 Col (c) & (e), Line 30	-	DA		-
42	Account No. 283	WP_B-2 Col (c) & (e), Line 44	-	DA		-
43	Account No. 190	WP_B-3 Col (c) & (e), Line 81	-	DA		-
44	Regulatory Liabilities- FERC Account No. 254 (Note C)	WP_B-7 Col (e), Line 14	-	W/S	0.00%	-
45	Account No. 255	267.8.h	-	DA	100%	-
46	Account No. 107 (CWIP) (Note E)	WP_B-8 Col (a), Line 16	-	DA	100%	-
47	Net Pre-Funded AFUDC on CWIP included (Note E)	WP_B-8 Col (d), Line 16	-	DA	100%	-
48	Unamortized Balance of Abandoned Incentive Plant (Note E)	WP_B-Inputs Est. Line 143	-	DA	100%	-
49	Unamortized Balance of Extraordinary Property Loss (Note E)	WP_B-Inputs Est. Line 143	-	DA	100%	-
50	TOTAL OTHER RATE BASE ITEMS	Sum Lines 40 through 49	-			-
51						
52	LAND HELD FOR FUTURE USE (Note F)	WP_B-Inputs Est. Line 143	-	TP	0.00%	-
53						
54	WORKING CAPITAL					
55	Cash Working Capital	(Note G)	-			-
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 165	-	W/S	0.00%	-
60	Prepayments (Account 165) Transmission Related	WP_B-5 Line 2019	-	TP	0.00%	-
61	Prepayments (Account 165) Other Not Allocated	WP_B-5 Line 4429	-	NA	0.00%	-
62	TOTAL WORKING CAPITAL	Sum Lines 55 through 61	-			-

63				
64	RATE BASE	Line 36 plus 50 plus 52 plus 62	-	-
65				
66	Rate of Return	Line 158	0.00%	0.00%
67				
68	RETURN (Rate Base * Rate of Return)	Line 64 times Line 66	-	-

Line No.	EXPENSE, TAXES & REVENUE		Reference/Notes	Total Col. (3)	Allocator (Note O) Col. (4)	Total	
	REQUIREMENTS	CALCULATION				Transmission	Col. (5)
		Col. (1)	Col. (2)				
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	-			
82	Less: Acc. 924, Property Insurance		WP_C-2 Line 5	-			
83	Balance of A & G		Sum Lines 81 through 82	-	W/S 0.00%		-
84	Plus: Account 924, Property Insurance		Line 82	-	NP 0.00%		-
85	Account 928 - Transmission Specific		WP_C-4 Line 6	-	DA 100%		-
86	A & G Subtotal		Sum Lines 81 through 85	-			-
87							
88	TOTAL O & M EXPENSE		Line 79 plus Line 86	-			-
89							
90							
91	DEPRECIATION AND AMORTIZATION EXPENSE						
92	Transmission		WP_B-1 Line 24	-	DA 100%		-
93	Plus: Pre-Funded AFUDC Amortization (Note E)		Col. (d) WP_B-8 Col (f), Line 18	-	DA 100%		-

94	Plus: Recovery of Abandoned Incentive Plant (Note E)	WP_B-Inputs Line 143	Est.	-	DA	100%	-
95	Plus: Recovery of Extraordinary Property Loss (Note E)	WP_B-Inputs Line 143	Est.	-	DA	100%	-
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%	-
101	TOTAL DEPRECIATION AND AMORTIZATION	Sum Lines through 100	92	-			-
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 through 106	104	-			-
108							
109	INCOME TAXES	(Note K)					
110	$T=1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\} =$			0.00%			
111	$CIT=(T/1-T) * (1-(WCLTD/R)) =$			0.00%			
112	where WCLTD=(line 153) and R= (line 156)						
113	and FIT, SIT & p are as given in Note K.						
114	$1 / (1 - T) =$ (from ln 110)			-			
115	Amortized Investment Tax Credit (enter negative)	Company Records					
116							
117	Income Tax Calculation	Line 68 times Line 111		-			-
118	ITC adjustment	Line 114 times Line 115		-	NP	0.00%	-
119	TOTAL INCOME TAXES	Sum Lines through 118	117	-			-
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 9		-	WS	0.00%	-
125	Account No. 456.1 (Revenue from Trans. of Elect. of Others)	WP_F-1 Line 836	Col. (b)	-	DA	100%	-
126	Account No. 456.1 (Revenue from Trans. of Elect. of Others)	WP_F-1 Line 836	Col. (c)	-	DA	100%	-
127	Settlement Credit	Note P		726,905	DA	100%	-
128	Total Revenue Credits			726,905			-
129							

130 REVENUE REQUIREMENT

(726,905)

-

Line No.	SUPPORTING CALCULATIONS	Reference/Notes	Total Col. (3)	Allocator (Note O) Col. (4)	Total Transmission Col. (5)
131	TRANSMISSION PLANT INCLUDED IN THE ATRR	(Note M)			
132	Transmission plant	WP_B-1 Col. (a), Line 3			-
133	Transmission related Acquisition Adjustment	WP_B-4 Col. (c), Line 15			-
134	Total Transmission Plant	Sum Lines 131 through 132			-
135	Eliminate Generator Step-up facilities	WP_B-Inputs Est. Line 118			-
136	Transmission plant included in OATT Trans Rate	Sum Lines 133 through 134			-
137	Percent of Transmission Plant in the ATRR	Line 136 divided by Line 134		TP=	0.00%
138					
139	WAGES & SALARY ALLOCATOR (W/S)				
140	Production	Company Records WP_C-1 Line 31		NA 0.00%	-
141	Transmission	Col. (b)	-	TP 0.00%	-
142	Regional Market	Company Records		NA 0.00%	-
143	Distribution	Company Records		NA 0.00%	-
144	Other	Company Records		NA 0.00%	-
145	Total	Sum Lines 140 through 144	-		-
146					
147	W/S Allocator	Line 145, Col. (5) divided by Col. (3)		W/S=	0.00%
148					
149	Common to Electric Transmission Allocator	Common Plant to Electric (Common Plant Study) W/S Allocator, Line 147			0.00%
150		Line 149 times Line 150		CE=	0.00%
151					
152					
153					
154	RETURN	(Note N)	\$ % Cost Weighted		
155	Long Term Debt	WP_G-1 Col. (n), Line 6	- % 0.00%		0.0000
156	Preferred Stock	WP_G-1 Col. (n), Line 8	- % 0.00%		0.0000
157	Common Stock	WP_G-1 Col. (n), Line 14	- % 9.72%		0.0000
158	Total	Sum Lines 155 through 157	-	ROR=	0.0000

159
 160

161 PREPAYMENTS ALLOCATION FACTOR TO
 162 ELECTRIC

20XX
 FERC
 Form
 No. 1

163

163 Total Electric Plant in Service 207, Ln.100, Col. (g)

164 Common PIS Allocated to Electric 356

165 Electric Plant Held for Future Use 214, Ln. 47, Col. (d)

166 Electric Construction Work in Progress 216, Ln. 43, Col. (b)

167 Common CWIP Allocated to Electric 356

168 Total Electric Plant Sum Lines 163 through 167 -

169 Total Utility Plant 110, Ln. 4, Col. (c)

170

171 Electric Plant to Total Plant Allocation Factor Line 168 divided by Line 169 0.00%

General Notes: a) References to data from FERC Form No. 1 are indicated as: page#.line#.col.#

Notes:

- A Gross Plant, Accumulated Depreciation Reserves will be the average of thirteen monthly balances.
- B Transmission serving transmission related amounts associated with the Calpine Acquisition are included.
- C Future Acquisition Adjustment amounts will not be included in the formula except as directed by the Commission pursuant to a Section 205 filing.
- D The Net Acquisition Adjustment will be the average of thirteen monthly balances.
- E 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.
- F 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.
- G 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.
- H 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.
- I Includes only transmission related or functionally booked as transmission land held for future use.
- J Cash Working Capital will be set at and remain \$0 until such time as PSCo files and receives FERC approval.
- K 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 = | | |
| | SIT= | | (State Income Tax Rate or Composite SIT) |
| | $p =$ | | (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 9.72%. Thereafter, any change will require a filing with the Commission pursuant to FPA Section 205 or a Commission order pursuant to FPA Section 206.
- 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 **W/S** Allocator is found on Line 147.
- The calculation of the **CE** Allocator is found on Line 151.
- The calculation of the **TP** Allocator is found on Line 137.
- 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
- P changed without a Section 205 or 206 filing.

Public Service Company of Colorado
 Transmission Formula Rate Settlement Template
 Twelve Months Ended December 31, 20XX
 Annual Transmission Revenue Requirements- Actual

Table 5
 ATRR Act

Line No.	RATE BASE & RETURN CALCULATION	Reference/Notes	Total	Allocator (Note O)	Transmission
	Col. (1)	Col. (2)	Col. (3)	Col. (4)	Col. (5)
1	GROSS PLANT IN SERVICE	(Note A)			
2	Production	WP_B-1 Col. (d), Line 2	-	NA 0.00%	-
3	Transmission	WP_B-1 Col. (d), Line 3	-	DA 100%	-
4	Distribution	WP_B-1 Col. (d), Line 4	-	NA 0.00%	-
5	General Plant	WP_B-1 Col. (d), Line 5	-	W/S 0.00%	-
6	Intangible Plant	WP_B-1 Col. (d), Line 6	-	W/S 0.00%	-
7	Common Intangible	WP_B-1 Col. (d), Line 7	-	CE 0.00%	-
8	Common General	WP_B-1 Col. (d), Line 8	-	CE 0.00%	-
9	TOTAL GROSS PLANT	Sum Lines 2 through 8	-		-
10		Line 9, Col. (5) divided by Col. (3)		GP= 0.00%	
11					
12	ACCUMULATED DEPRECIATION	(Note A)			
13	Production	WP_B-1 Col. (d), Line 12	-	NA 0.00%	-
14	Transmission	WP_B-1 Col. (d), Line 13	-	DA 100%	-
15	Distribution	WP_B-1 Col. (d), Line 14	-	NA 0.00%	-
16	General Plant	WP_B-1 Col. (d), Line 15	-	W/S 0.00%	-
17	Intangible Plant	WP_B-1 Col. (d), Line 16	-	W/S 0.00%	-
18	Common Intangible	WP_B-1 Col. (d), Line 17	-	CE 0.00%	-
19	Common General	WP_B-1 Col. (d), Line 18	-	CE 0.00%	-
20	TOTAL ACCUMULATED DEPRECIATION	Sum Lines 13 through 19	-		-
21					
22	NET ACQUISITION ADJUSTMENT	(Note B)			
23	Production	WP_B-4 Col.(i) Line 15	-	NA 0.00%	-
24	Transmission Serving Production	WP_B-4 Col.(j) Line 15	-	NA 0.00%	-
25	Transmission Serving Transmission	WP_B-4 Col.(k) Line 15	-	DA 100%	-
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 3	-	DA	0.00% -
41	Account No. 282	WP_B-2 Col. (c) & (e), Line 30	-	DA	-
42	Account No. 283	WP_B-2 Col. (c) & (e), Line 83	-	DA	-
43	Account No. 190	WP_B-3 Col. (c) & (e), Line 84	-	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 WP_B-8 Col. (a), Line 16	-	DA	100% -
46	Account No. 107 (CWIP) (Note E)	WP_B-8 Col. (d), Line 16	-	DA	100% -
47	Net Pre-Funded AFUDC on CWIP included (Note E)	WP_B-Inputs Act. Line 142	-	DA	100% -
48	Unamortized Balance of Abandoned Incentive Plant (Note E)	WP_B-Inputs Act. Line 142	-	DA	100% -
49	Unamortized Balance of Extraordinary Property Loss (Note E)	Sum Lines 40 through 49	-		-
50	TOTAL OTHER RATE BASE ITEMS				
51					
52	LAND HELD FOR FUTURE USE (Note F)	WP_B-Inputs Act. Line 142	-	TP	0.00% -
53					
54	WORKING CAPITAL				
55	Cash Working Capital	(Note G)	-		-
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 165	-	W/S	0.00% -
60	Prepayments (Account 165) Transmission Related	WP_B-5 Line 2019	-	TP	0.00% -
61	Prepayments (Account 165) Other Not Allocated	WP_B-5 Line 4429	-	NA	0.00% -
62	TOTAL WORKING CAPITAL	Sum Lines 55 through 61	-		-
63					

64	RATE BASE	Line 36 plus 50 plus 52 plus 62	-	-
65				
66	Rate of Return	Line 158	0.00%	0.00%
67				
68	RETURN (Rate Base * Rate of Return)	Line 64 times Line 66	-	-

Line No.	EXPENSE, TAXES & REVENUE		Reference/Notes	Total	Allocator (Note O)	Total Transmission
	REQUIREMENTS	CALCULATION				
		Col. (1)	Col. (2)	Col. (3)	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	Costs		WP_C-1 Line 34	-		
	Transmission Subtotal		Sum Lines 70 through 78	-	TP 0.00%	-
80						
81	Administrative and General (Note I)		WP_C-2 Line 15	-		
82	Less: Acc. 924, Property Insurance		WP_C-2 Line 5	-		
83	Balance of A & G		Sum Lines 81 through 82	-	W/S 0.00%	-
84	Plus: Account 924, Property Insurance		Line 82	-	NP 0.00%	-
85	Account 928 - Transmission Specific		WP_C-4 Line 7	-	DA 100%	-
86	A & G Subtotal		Sum Lines 83 through 85	-		-
87						
88	TOTAL O & M EXPENSE		Line 79 plus Line 86	-		-
89						
90						
91	DEPRECIATION AND AMORTIZATION EXPENSE					
92	Transmission		WP_B-1 Line 24 Col. (d)	-	DA 100%	-
93	Plus: Pre-Funded AFUDC Amortization (Note E)		WP_B-8 Col (f), Line 186	-	DA 100%	-
94	Plus: Recovery of Abandoned Incentive Plant (Note E)		WP_B-Inputs Act. Line 142	-	DA 100%	-

95	Plus: Recovery of Extraordinary Property Loss (Note E)	WP_B-Inputs Act. Line 142	-	DA	100%	-
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. (o)	-	DA	100%	-
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	$T=1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\} =$		0.00%			
111	$CIT=(T/1-T) * (1-(WCLTD/R)) =$		0.00%			
112	where WCLTD=(line 153) and R= (line 156)					
113	and FIT, SIT & p are as given in Note K.					
114	$1 / (1 - T) =$ (from ln 110)		-			
115	Amortized Investment Tax Credit (enter negative)	FF1 266.8.f				
116						
117	Income Tax Calculation	Line 68 times Line 111	-			-
118	ITC adjustment	Line 114 times Line 115	-	NP	0.00%	-
119	TOTAL INCOME TAXES	Sum Lines 117 through 118	-			-
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 9	-	WS	0.00%	-
125	Account No. 456.1 (Revenue from Trans. of Elect. of Others)	WP_F-1 Line 836 Col. (b)	-	DA	100%	-
126	Account No. 456.1 (Revenue from Trans. of Elect. of Others)	WP_F-1 Line 836 Col. (c)	-	DA	100%	-
127	Settlement Credit	Note P	726,905	DA	100%	-
128	Total Revenue Credits		-			-
129						
130	REVENUE REQUIREMENT		-			-

Line No.	SUPPORTING CALCULATIONS	Reference/Notes	Total	Allocator (Note O)	Total Transmission
	Col. (1)	Col. (2)	Col. (3)	Col. (4)	Col. (5)
131	TRANSMISSION PLANT INCLUDED IN THE ATRR	(Note M)			
132	Transmission plant	WP_B-1 Col (a), Line 3			-
133	Transmission related Acquisition Adjustment	WP_B-4 Col. (c), Line 15			-
134	Total Transmission Plant	Sum Lines 131 through 132			-
135	Eliminate Generator Step-up facilities	WP_B-Inputs Act. Line 117			-
136	Transmission plant included in OATT Trans Rate	Sum Lines 133 through 134			-
137	Percent of Transmission Plant in the ATRR	Line 136 divided by Line 134		TP=	0.00%
138					
139	WAGES & SALARY ALLOCATOR (W/S)				
140	Production	FF1. 354.20.b		NA 0.00%	-
141	Transmission	WP_C-1 Line 31 Col. (b)	-	TP 0.00%	-
142	Regional Market	FF1. 354.22.b		NA 0.00%	-
143	Distribution	FF1. 354.23.b		NA 0.00%	-
144	Other	FF1. 354.24.b		NA 0.00%	-
145	Total	Sum Lines 140 through 144	-		-
146					
147	W/S Allocator	Line 145, Col. (5) divided by Col. (3)		W/S=	0.00%
148					
149	Common to Electric Transmission Allocator	FF1.356 W/S Allocator, Line 147			0.00%
150		Line 149 times Line 150		CE=	0.00%
151					
152					
153					
154	RETURN	(Note N)	\$ % Cost Weighted		
155	Long Term Debt	WP_G-1 Line 6	- % 0.00%		0.0000
156	Preferred Stock	WP_G-1 Line 8	- % 0.00%		0.0000
157	Common Stock	WP_G-1 Line 14	- % 9.72%		0.0000
158	Total	Sum Lines 155 through 157	-	ROR=	0.0000
159					
160					
161	PREPAYMENTS ALLOCATION FACTOR TO ELECTRIC				

			Form No. 1
162			
163	Total Electric Plant in Service	207, Ln.100, Col. (g)	
164	Common PIS Allocated to Electric	356	
165	Electric Plant Held for Future Use	214, Ln. 47, Col. (d)	
166	Electric Construction Work in Progress	216, Ln. 43, Col. (b)	
167	Common CWIP Allocated to Electric	356	
168	Total Electric Plant	Sum Lines 163 through 167	-
169	Total Utility Plant	110, Ln. 4, Col. (c), plus Ln. 16, Col. (c)	
170			
171	Electric Plant to Total Plant Allocation Factor	Line 168 divided by Line 169	0.00%

General Notes: a) References to data from FERC Form No. 1 are indicated as: page#.line#.col.#

Notes:

- A Gross Plant, Accumulated Depreciation Reserves will be the average of thirteen monthly balances.
- B Transmission serving transmission related amounts associated with the Calpine Acquisition are included.
- C 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.
 Includes only FICA, unemployment, property, and other assessments charged in the current year.
- J Taxes related to income are excluded. Franchise taxes are not included in transmission revenue requirement in the Rate Formula Template,
 The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and p =
 "the percentage of federal income tax deductible for state income taxes".
 PSCo has elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f) less adjustments multiplied by (1/1-T) (page 3, line 30).
- | | | | |
|------------------|-------|--|--|
| Inputs Required: | FIT = | | |
| | SIT= | | (State Income Tax Rate or Composite SIT) |
| | p = | | (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.
 Includes income related to transmission facilities, such as pole attachments, rentals and special use for the
- L 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
 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
- M 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.
 Return on Equity will be set at 9.72%. Thereafter, any change will require a filing with the Commission pursuant to FPA Section 205 or a Commission order pursuant to FPA 206.
- N 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 **W/S** Allocator is found on Line 147.
 The calculation of the **CE** Allocator is found on Line 151.
 The calculation of the **TP** Allocator is found on Line 137.
 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.
- P

Public Service Company of Colorado
Transmission Formula Rate Settlement Template
Twelve Months Ended December 31, 20XX
Prior Period Corrections

Table 6
WP_A-2

Line				
<u>No.</u>				
1	<u>Explanation of Prior Period Correction:</u>			
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)			
15	Divisor for True-up Year with Prior Period Correction (input)			
16	Volume Adjustment (line 14 - line 15)		0 kw	
17	Actual Rate (line 10 / line 14)		\$0.00	
18	Revised Rate (line 11 / line 15)		\$0.00	
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	
21	<u>III. Interest Calculation:</u>			
22		FERC	Number	Monthly
23		Quarterly	of Days	Interest
24	<u>Month/Year</u>	<u>Interest Rates</u>	<u>in Month</u>	<u>Rate</u>

25				0.0000
26				0.0000
27				0.0000
28				0.0000
29				0.0000
30				0.0000
31				0.0000
32				0.0000
33				0.0000
34				0.0000
35				0.0000
36				0.0000
37				0.0000
38				0.0000
39				0.0000
40				0.0000
41				0.0000
42				0.0000
43				0.0000
44				0.0000
45				0.0000
46	Average Monthly Interest Rate			0.0000
47	Over/Under Recovery Amount (In 20 amount)			\$0
48	Average Monthly Interest Rate (In 46)			0.000
49	Monthly Interest Recovery Amount (In 47 x In 48)			\$0
50	Number of Months for Interest Recovery Amount (from line 8)			0
51	Interest Recovery Amount (In 50 times In 49)			\$0
52	Prior Period Correction Adjustment (In 20)			<div><div>(Input to \$0 Annual Update) (Input to \$0 Annual Update)</div></div>
53	Interest on Prior Period Correction Adjustment (In 51)			

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>
<http://www.ferc.gov/legal/acct-matts/interest-rates.asp#skipnavsub>

Public Service Company of Colorado
Transmission Formula Rate Settlement Template
Twelve Months Ended December 31, 20XX
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. b4			-
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. f1			-
14	13 Month Avg. (Lns 1 - 13)		\$	-	\$ -
15	12 Month Total. (Lns 2 - 13)			\$ -	

Table 16
WP_B-Inputs Act.

[illegible]

21

22

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)	<u>Note 8</u> (page 356)	<u>Note 8</u> (page 356)
December								
January								
February								
March								
April								
May								
June								
July								
August								
September								
October								
November								
December								
13 Month Avg. (Lns 23 - 35)	-	-	-	-	-	-	-	-
Less ARO (13 Month Avg) (1)								
Adj Balance	-	-	-	-	-	-	-	-

24

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42

Depreciation Expense

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

47	Total								
----	-------	--	--	--	--	--	--	--	--

48

49 **Plant Adjustments (4)**

50 **Gross**
 51 **Plant**

51

52		Electric Intangible			Distributio n Plant	General Plant	Common Intangible				Commo n General
53		FERC 302	Smart Grid City	Total	Smart Grid City	Smart Grid City	FERC 302	CRS	OMS	Total	Smart Grid City
54	December			-						-	
55	January			-						-	
56	February			-						-	
57	March			-						-	
58	April			-						-	
59	May			-						-	
60	June			-						-	
61	July			-						-	
62	August			-						-	
63	September			-						-	
64	October			-						-	
65	November			-						-	
66	December			-						-	
67	13 Month Avg. (Lns 53 - 65)	-	-	-	-	-	-	-	-	-	-

68

69 **Accumulated Depreciation**

70

71

72

73

December

74

January

75

February

76

March

77

April

78

May

79

June

80

July

81

August

82

September

83

October

84

November

85

December
 13 Month
 Avg. (Lns
 72 - 84)

86

87

88

Depreciation Expense

89

90

Electric Intangible			Distributio n Plant	General Plant	Common Intangible				Commo n General
FERC 302	Smart Grid City	Total	Smart Grid City	Smart Grid City	FERC 302	CRS	OMS	Total	Smart Grid City
		-						-	
		-						-	
		-						-	
		-						-	
		-						-	
		-						-	
		-						-	
		-						-	
		-						-	
		-						-	
		-						-	
		-						-	
		-						-	
		-						-	
		-						-	
-	-	-	-	-	-	-	-	-	-
Electric Intangible			Distributio n Plant	General Plant	Common Intangible				Commo n General

116	October								
117	November								
118	December								
119	13 Month Avg. (Lns 104 - 116)	-	-	-	-	-	-	-	-

120					
121					
122					
123					
124	Dec	12			
	Month				

127							
128		Unamort. Balance	Current Year	Unamort Balance	Unamort. Balance of Extraordinary Property Loss (2)	Current Year Amortization Expense (2)	Unamort Balance
129		of Abandoned Incentive Plant (2)	Amortization Expense (2)	End of Current Year			End of Current Year
130							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 129 - 141)	-	-	-	-	-	-	-	-

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 adjustments are derived on WP_ADIT Prorate.

152 Note 6. Average BOY/EOY balance is reduced by the ADIT prorate adjustment in compliance with IRS regulation Section 1.167(l)-1(h)(6).

153 Note 7. FERC Form No 1, Page 356. Common Intangible Gross Plant includes Accounts 301-303. Common General Gross Plant includes Accounts 389-399.1.

154 Note 8. FERC Form No1, Page 356.1. Common Intangible Accumulated Amortization, Account 111 includes Franchises and Purchased Software. Common General Accumulated Depreciation, Account 108 includes Transportation and Other Plant plus Accumulated Amortization, Account 111, Office Remodeling.

Public Service Company of Colorado
 Transmission Formula Rate Settlement Template
 Twelve Months Ended December 31, 20XX
 Transmission O&M

Table 17
 WP_C-1

Line No.	TRANSMISSION EXPENSES		Estimated Amounts				Actual Amounts			
			Ref	Non Labor	Labor	Total	Ref	Non Labor	Labor	Total
				Col. (a)	Col. (b)	Col. (c)		Col. (a)	Col. (b)	Col. (c)
OPERATION										
1	560	Supervision and Engineering	Company Records			-	321.8 3.b			-
2	561.1	Load Dispatching - Reliability	Company Records			-	321.8 5.b			-
3	561.2	Load Dispatching - Monitor & Operate Transmission System	Company Records			-	321.8 6.b			-
4	561.3	Load Dispatching - Transmission Service & Scheduling	Company Records			-	321.8 7.b			-
5	561.4	Scheduling, System Control & Dispatch Services	Company Records			-	321.8 8.b			-
6	561.5	Reliability, Planning and Standards Development	Company Records			-	321.8 9.b			-
7	561.6	Transmission Service Studies (1)	Company Records			-	321.9 0.b			-
8	561.7	Generation Interconnection Studies	Company Records			-	321.9 1.b			-
9	561.8	Reliability, Planning & Standards Development Services	Company Records			-	321.9 2.b			-
10	562	Station Expenses	Company Records			-	321.9 3.b			-
11	563	Overhead Line Expenses	Company Records			-	321.9 4.b			-
12	564	Underground Lines Expense	Company Records			-	321.9 5.b			-
13	565	Transmission of Electricity by Others	Company Records			-	321.9 6.b			-
14	566	Miscellaneous Transmission Expenses	Company Records			-	321.9 7.b			-
15	567	Rents	Company Records			-	321.9 8.b			-
16	Total Operation			-	-	-		-	-	-
17										
18	MAINTENANCE									
19	568	Supervision and Engineering	Company Records			-	321.1 01.b			-
20	569	Structures	Company Records			-	321.1 02.b			-
21	569.1	Computer Hardware	Company Records			-	321.1 03.b			-
22	569.2	Computer Software	Company Records			-	321.1 04.b			-
23	569.3	Communication Equipment	Company Records			-	321.1 05.b			-
24	569.4	Miscellaneous Regional Transmission Plant	Company Records			-	321.1 06.b			-
25	570	Station Equipment	Company Records			-	321.1 07.b			-

26	571	Overhead Lines (2)	Company Records			-	321.1 08.b			-
27	572	Underground Lines	Company Records			-	321.1 09.b			-
28	573	Miscellaneous Transmission Plant	Company Records			-	321.1 10.b			-
29		Total Maintenance		-	-	-		-	-	-
30										
31		TOTAL TRANSMISSION		-	-	-		-	-	-
32										
33										
34	565.2 5565	System Integration Costs- Holy Cross TIEA (3)	Company Records	-	-	-	Com pany Reco rds		-	-
35										
36	561	Total FERC Account 561	Sum Lines 2 - 9	-	-	-		-	-	-

Note 1. Amount reflects 3 year amortization of the pre-construction costs associated with the San Luis-Calumet-Comanche Transmission Line (\$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.

Table 18
WP_C-2

Estimated						
Line No.	FERC	Account Description	Reference	Total	Adjustment	Adjusted Total
				Col. (a)	Col. (b)	Col. (c)
1	920	Administrative and general salaries	Company Records		\$ -	\$ -
2	921	Office supplies and expenses	Company Records		-	-
3	922	Administrative expenses transferred—Credit	Company Records		-	-
4	923	Outside services employed	Company Records		-	-
5	924	Property insurance	Company Records		-	-
6	925	Injuries and damages	Company Records		-	-
7	926	Employee pensions and benefits (1)	Company Records		-	-
8	927	Franchise requirements	Company Records		-	-
9	928	Regulatory commission expenses (2)	Company Records		-	-
10	929	Duplicate charges—Credit	Company Records		-	-
11	930.1	General Advertising Expenses (3)	Company Records		-	-
12	930.2	Miscellaneous general expenses (4)	Company Records		-	-
13	931	Rents	Company Records		-	-
14	935	Maintenance of general plant	Company Records		-	-
15		Subtotal		\$ -	\$ -	\$ -

Notes:

- 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.
- Regulatory Commission expenses (FERC Account 928) will be directly assigned to Transmission and are shown on WP_C-4.
- General Advertising Expenses (FERC Account 930.1) will be excluded.
- All industry association dues recorded in FERC Account 930.2 will be excluded.

Total Exclusion	Company Records	
-----------------	-----------------	--

Actuals						
Line No.	FERC	Account Description	Reference	Total	Adjustment	Adjusted Total
				Col. (a)	Col. (b)	Col. (c)
1	920	Administrative and general salaries	FF1, pg. 323, Line 181		\$ -	\$ -
2	921	Office supplies and expenses	FF1, pg. 323, Line 182		-	-
3	922	Administrative expenses transferred—Credit	FF1, pg. 323, Line 183		-	-
4	923	Outside services employed	FF1, pg. 323, Line 184		-	-
5	924	Property insurance	FF1, pg. 323, Line 185		-	-
6	925	Injuries and damages	FF1, pg. 323, Line 186		-	-
7	926	Employee pensions and benefits (1)	FF1, pg. 323, Line 187		-	-
8	927	Franchise requirements	FF1, pg. 323, Line 188		-	-
9	928	Regulatory commission expenses (2)	FF1, pg. 323, Line 189		-	-
10	929	Duplicate charges—Credit	FF1, pg. 323, Line 190		-	-
11	930.1	General Advertising Expenses (3)	FF1, pg. 323, Line 191		-	-
12	930.2	Miscellaneous general expenses (4)	FF1, pg. 323, Line 192		-	-
13	931	Rents	FF1, pg. 323, Line 193		-	-
14	935	Maintenance of general plant	FF1, pg. 323, Line 196		-	-
15		Subtotal		\$ -	\$ -	\$ -
Notes: 1. Post-Employment Benefits Other than Pensions (FAS 106) shall remain as a stated, fixed amount and shall not be changed except as directed by the Commission following a filing seeking such change pursuant to section 205 or 206 of the FPA. The adjustment is shown on WP_C-3 PBOP. PSCo will file annually to seek FERC approval of the updated PBOP expense. <u>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.</u> 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 Associateion Dues	FF1, pg. 335, Line 14			
		Total Exclusion		\$ -		

**Public Service Company of Colorado
 Transmission Formula Rate Settlement Template
 Twelve Months Ended December 31, 20XX
 Post-Employment Benefits Other than Pensions (FAS 106)**

**Table 19
 WP_C-3**

Line No.	Description	O&M		
		Total Expense Col. (a)	O&M \$ Col. (b)	Electric \$ Col. (c)
1				
2				
3	PSCo Direct Expense			
4	XES -- Allocated to PSCo			
5				
6	Total	-	-	-
7				
8				
9				
10				
11	PSCo Direct Expense			
12	XES -- Allocated to PSCo			
13				
14	Total	-	-	-
15				
16				
17				
18	PSCo Direct Expense			
19				
20				
21				
22	XES -- Allocated to PSCo			
23				
24	Total	-	-	-
25				
26				
27				
28	PSCo Direct Expense			
29				
30				
31				
32	XES -- Allocated to PSCo			
33				

	3428	Total	-	-	-
	3529				
	3630	Adjustment			
		Estimated Amount Less Base Year Amount (Line 14			
	374	minus 6)	-	-	-
		Actual Amount Less Base Year Amount (Line 28			
	382	minus 21)	-	-	-

Notes:

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 Settlement Template
 Twelve Months Ended December 31, 20XX
 Taxes Other Than Income Tax

Table 21
 WP_D-1

				FERC Form No. 1	
Line No.	Description	Reference	Estimated	Reference	Actual
1	FUTA			263.4.i	
2	FICA			263.5.i	
3	Unemployment SESA			263.13.i	
4	Occupational Denver			263.22.i	
5	Total taxes related to wages & salaries (1)	Company Records			-
6					
7	Real and personal property taxes			263.20.i	
8	Use tax			263.12.i	
9	Total taxes related to property (1)	Company Records			-
10					
11	Miscellaneous				
12		Company Records			
13					
14	Total TOTI	Line 5 plus Line 9 plus Line 12	\$ -	115.14.g	\$ -

Note 1. The PSCo budget estimates these taxes only in total. Details as to actual taxes will be available for actuals in the Annual True-up.

Public Service Company of Colorado
 Transmission Formula Rate Settlement Template
 Twelve Months Ended December 31, 20XX
 Revenue Credits

Table 22
 WP_E-1

Estimated				
Line No.	FERC	Description	Total	Adjusted Total
			Col. (a)	Col. (b)
1	454-	Rent From Electric Property		
2	45400	Rental Income on Transmission Facilities		\$ -
3	45400	Rental Income on Other Facilities		-
4	Total 454		\$ -	\$ -
5				
6	421.1	Gain on disposition of property		
7	421.1	Amortization of the Gain on the Sale of TSB (Allocated to Transmission) Ref. WP_B- 7 6 Line 15	\$ -	\$ -
8	421.1	Gain on disposition of property (Other Related)	-	-
9	Total 421.1		\$ -	\$ -

Actual				
Line No.	FERC	Description	Total	Adjusted Total
			Col. (a)	Col. (b)
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	421.1	Gain on disposition of property		
7	421.1	Amortization of the Gain on the Sale of TSB (Allocated to Transmission) Ref. WP_B- 7 6 Line 15	\$ -	\$ -
8	421.1	Gain on disposition of property (Other Related)		-
9	Total 421.1-	FERC Form No. 1 pg. 117 Ln 40	\$ -	\$ -

Public Service Company of Colorado

Transmission Formula Rate Template

Account 456.1- Revenues from Transmission of Electricity of Others

Table 23

WP_F-1

Estimate				Scheduling, Reactive Regulation and Network & Supplemental										FERC Assess	Total of	
				Point-to-Point	Network	System Control &	Supply & Voltage	Regulation and Frequency	Regulation and Frequency	Regulation and Frequency Schedule 3 & 3A - Non-VER	Network & Energy Imbalance	Interco. Spinning Reserve	Supplemental Spinning Reserve			Flex Reserve
				Trans	Trans	Dispatch	Control	Frequency	Frequency	Schedule 3 & 3A - Non-VER	Schedule 4	Schedule 5	Schedule 6			Schedule 16 FERC
Line		Desc	Divisor	Schedules 7 & 8	Schedule 9	Schedule 1	Schedule 2	Schedule 3 & 3A	Schedule 3 & 3A - VER	Schedule 3 & 3A - Non-VER	Schedule 4	Schedule 5	Schedule 6	Schedule 16 FERC	Through	Line
No.	Type	Service Type	kW	FERC 456.05	FERC 456.07	FERC 456.12	FERC 456.14	FERC 456.16	FERC 456	FERC 456	FERC 456.19	FERC 456.22	FERC 456.24	FERC 456	FERC 456.26	Items
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
1																
2																
3																
4																
5																
6																
7		Total	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Summarized by Type:																
8		Credit	-	0	0	0	0	0	0	0	0	0	0	0	0	0
9		Divisor	-	0	0	0	0	0	0	0	0	0	0	0	0	0
10		Ancillary	-	0	0	0	0	0	0	0	0	0	0	0	0	0
11		Other	-	0	0	0	0	0	0	0	0	0	0	0	0	0
12		Total	-	0	0	0	0	0	0	0	0	0	0	0	0	0

Description of Revenue Types:

Ancillary

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

Divi	
sor	Load associated with these revenues are included in the formula divisor.
Cre	
dit	Revenue credit because the load is not included in divisor.

Actuals	L n	N o.	Type	Desc/ Service Type	Divis or kW	Schedu les 7 & 8	Schedu le 9	Schedu le 1	Schedu le 2	Schedu le 3 & 3A	Regulati on and Frequen cy	Regulati on and Frequen cy Schedu le 3 & 3A - VER	Regulati on and Frequen cy Schedu le 3 & 3A - Non- VER	Network & Energy Imbalanc e	Network & Interco. Spinning Reserve	Supplem ental Spinning Reserve	Flex Reser ve	FERC Assess Pass	Total of
						FERC 456.05	FERC 456.07	FERC 456.12	FERC 456.14	FERC 456.16	FERC 456	FERC 456	FERC 456	FERC 456.19	FERC 456.22	FERC 456.24	FERC 456	FERC 456.26	
					(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)		(ig)	(jh)	(ki)	(l)	(mj)	(nk)
	1																		-
	2																		-
	3																		-
	4																		
	5																		
	6																		
	7																		
				Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Summarized Type:	by														
	8		Credit		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9		Divisor		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10		Ancillary		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11		Other Total		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12		(1)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Description of Revenue Types:
 Ancillary

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

Divis
or Load associated with these revenues are included in the formula divisor.
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 O ties to the balance of Account 456.1 as reported in the FERC Form 1.

Public Service Company of Colorado
Transmission Formula Rate Settlement 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		Most recent FF1, Pg 205, Ln 12
3	Acct 344 CT Generators		Most recent FF1, Pg 205, Ln 41
4	Subtotal of Production Accounts 314 & 344	\$0	Line 2 + Line 3
5	Percent of Production Plant for Dual Use	20%	
6	Dual use of Production Accounts 314 & 344	\$0	Line 4 * Line 5
7	Generation Step Ups		Most recent FF1, Footnote, Page 204, Line 58
8	Total Dual Use Production Plant	\$0	Line 6 + Line 7
9	Dual Use Plant Alloc. To Reactive Power	\$0	Line 34 * Line 8
10	Fixed Charge Rate (including O&M) for all Production Plant	0.0000	WP_FCR Line 21
11	Annual Cost of Reactive Power Equipment	\$0	Line 9 * Line 10
12	Revenue Requirement for Real Power losses related to reactive power equipment		
13	Total Production Plant Investment	\$0	WP_FCR Line 50
14	Less: Dual Use Plant Alloc. To Reactive Power	\$0	Line 9
15	Net Production Plant	\$0	Line 13 - Line 14
16	Fixed Charge Rate (including O&M) for all Production Plant	-	WP_FCR Line 21
17	Total Production Plant Revenue Requirement including O&M	\$0	Line 15 * Line 16
18	Real Power Losses	0.15%	Fixed Value
19	Revenue Requirement for Real Power losses related to reactive power equipment	\$0	Line 17 * Line 18

20	Total Revenue Requirement for Reactive Power	<u>\$0</u>	Line 11 + Line 19
21	Average of 12 Month Coincident Peaks		Prior Year's True-up Formula Template
22	Rates		
23	Annual Reactive Power Charge	\$0.000	\$ per kW - Year (Line 20 / Line 21)
24	Monthly Point-to-Point Delivery	\$0.000	\$ per kW - Month (Line 23 / 12)
25	Weekly Point-to-Point Delivery	\$0.000	\$ per kW - Week (Line 23 / 52)
26	Daily Point-to-Point Delivery On-Peak	\$0.000	\$ per kW - day (Line 25 / 6)
27	Daily Point-to-Point Delivery Off-Peak	\$0.000	\$ per kW - day (Line 25 / 7)
28	Hourly Point-to-Point Delivery On-Peak	\$0.000	\$ per MWh ((Line 26 / 16) X 1000)
29	Hourly Point-to-Point Delivery Off-Peak	\$0.000	\$ per MWh ((Line 27 / 24) X 1000)
30	Network Integration Delivery	\$0.000	\$ per kW - Month (Line 243)
31	PSCO Total Rated Capacity =		kVA
32	PSCO Total Generator Net Max. =		kW
33	PSCO Total VAR Rating =		kVAR
34	% of Plant dedicated to VAR Production is = (kVAR^2 / kVA^2) X 100 =		0.0000%

Public Service Company of Colorado
Transmission Formula Rate Settlement Template
Ancillary Services, Schedule No. 5 -
Operating Reserve - Spinning Reserve Service

Table 30
Schedule 5

Line No.	Plant	Total Cost (1)	Total dual use for VAR Production (2)	Cost of plant / Total Cost (a) / Ln 19 (c)	Total dual use for VAR Production per Plant (b x c) (d)	Total Cost for Reg. and Freq. Response Serv.. (a) - (d) (e)	Unity = Plants Selected for Op Res Spinning Reserve (3) (f)	Prod. FCR with O&M (4) (g)	Annual Cost of Gen. Plnt.. To provide Svc. (e) X (f) * (g) (h)	Gen. Max Name Plate (kW) (1) (i)
		col. (a)	col. (b)	col. (c)	col. (d)	col. (e)	col. (f)	col. (g)	col. (h)	col. (i)
1	0	\$ -	\$ -	0.00000	\$ -	\$ -		0	\$ -	0
2	0	-	-	0.00000	-	-		0	-	0
3	0	-	-	0.00000	-	-		0	-	0
4	0	-	-	0.00000	-	-		0	-	0
5	0	-	-	0.00000	-	-		0	-	0
6	0	-	-	0.00000	-	-		0	-	0
7	0	-	-	0.00000	-	-		0	-	0
8	0	-	-	0.00000	-	-		0	-	0

9	0	-	-	0.00000	-	-		0	-	0
10	0	-	-	0.00000	-	-		0	-	0
11	0	-	-	0.00000	-	-		0	-	0
12	0	-	-	0.00000	-	-		0	-	0
13	0	-	-	0.00000	-	-		0	-	0
14	0	-	-	0.00000	-	-		0	-	0
15	0	-	-	0.00000	-	-		0	-	0
16	0	-	-	0.00000	-	-		0	-	0
17	0	-	-	0.00000	-	-		0	-	0
18	0	-	-	0.00000	-	-		0	-	0
19		\$	-	0.00000	\$	-	\$	-	\$	0

20 Note:
 (1) WP_Cost per Unit

21 (2) Schedule 2 Line 8
 (3) 1 = Yes; ~~02~~ = No

Average Generation Unit Cost to Provide Service

\$0.000 per kW year
 (Col. (h) Ln 19 /
 Col. (i) Ln 19)

22	(4) WP_FCR Line 21	Monthly Point-to-Point Delivery	\$0.000	per kW month (Line 21 / 12)
23		Weekly Point-to-Point Delivery	\$0.000	per kW week (Line 21 / 52)
24		Daily Point-to-Point Delivery On-Peak	\$0.000	per kW day (Line 23 / 6)
25		Daily Point-to-Point Delivery Off-Peak	\$0.000	\$ -per kW - day (Line <u>23</u> / 7)
26		Hourly Point-to-Point Delivery On-Peak	\$0.000	per MWh ((Line 24 / 16) X 1000) \$ -per MWh
27		Hourly Point-to-Point Delivery Off-Peak	\$0.000	((Line <u>25</u> / 24) X 1000)
<u>278</u>		Network Integration Delivery	\$0.000	per kW month (Line 22)

Public Service Company of Colorado
Transmission Formula Rate Settlement Template
Ancillary Services, Schedule No. 6 -
Operating Reserve - Supplemental Reserve Service

Table 31
Schedule 6

Line No.	Plant	Total Cost (1)	Total dual use for VAR Production (2)	Cost of plant / Total Cost (a) / Ln 19 (c)	Total dual use for VAR Production per Plant (b x c) (d)	Total Cost for Oper. Reserve Supplemental (a) - (d) (e)	Unity = Plants Selected Oper. Reserve Spinning Serv. (23) (f)	Prod. FCR with O&M (4) (g)	Annual Cost of Selected Plant to Provide Service (e) * (f) * (g) (h)	Gen. Max Name Plate (kW) (i)
		col. (a)	col. (b)	col. (c)	col. (d)	col. (e)	col. (f)	col. (g)	col. (h)	col. (i)
1		\$ -	\$ -	0.00000	\$ -	\$ -		0.0000	\$ -	0
2		0 -	-	0.00000	-	-		0.0000	-	0
3		0 -	-	0.00000	-	-		0.0000	-	0
4		0 -	-	0.00000	-	-		0.0000	-	0
5		0 -	-	0.00000	-	-		0.0000	-	0
6		0 -	-	0.00000	-	-		0.0000	-	0
7		0 -	-	0.00000	-	-		0.0000	-	0
8		0 -	-	0.00000	-	-		0.0000	-	0

9	0	-	-	0.00000	-	-		0.0000	-	0
10	0	-	-	0.00000	-	-		0.0000	-	0
11	0	-	-	0.00000	-	-		0.0000	-	0
12	0	-	-	0.00000	-	-		0.0000	-	0
13	0	-	-	0.00000	-	-		0.0000	-	0
14	0	-	-	0.00000	-	-		0.0000	-	0
15	0	-	-	0.00000	-	-		0.0000	-	0
16	0	-	-	0.00000	-	-		0.0000	-	0
17	0	-	-	0.00000	-	-		0.0000	-	0
18	0	-	-	0.00000	-	-		0.0000	-	0
19		\$	-	0.000000	\$	-	\$	-	\$	0

20 Notes:

(1) WP_Cost per Unit

21 (2) Schedule 2 Line 8

(3) 1 = Yes; 02 = No

Average Generation Unit Cost to Provide Service

\$0.000

per kW year
 (Col. (h) In 19
 / Col. (i) Ln
 19)

22	(4) WP_FCR Line 21	Monthly Point-to-Point Delivery	\$0.000	per kW month (Line 21 / 12)
23		Weekly Point-to-Point Delivery	\$0.000	per kW week (Line 21 / 52)
24		Daily Point-to-Point Delivery On-Peak	\$0.000	per kW day (Line 23 / 6)
25		Daily Point-to-Point Delivery Off-Peak	\$0.000	\$ -per kW - day (Line 23 / 7)
26		Hourly Point-to-Point Delivery On-Peak	\$0.000	per MWh ((Line 24 / 16) X 1000)
27		Hourly Point-to-Point Delivery Off-Peak	\$0.000	\$ -per MWh ((Line 25 7 / 24) X 1000)
27 8		Network Integration Delivery	\$0.000	per kW month (Line 22)

Public Service Company of Colorado
Transmission Formula Rate Settlement Template
Fixed Charge Rate Worksheet ("FCR")
12 Months Ended December 31, 2010

Table 32
WP_FCR

Line No.		Production	Reference
1	(1) O&M	0.00000	Line 56
2			
3	(2) Other Taxes	0.00000	Line 69
4			
5	(3) A&G	0.00000	Line 83
6			
7	(4) Return (1)	0.00000	Line 133
8			
9	(5) Depreciation (1)	0.00000	Line 148
10			
11	(6) Composite Income Tax	0.00000	Line 152
12			
13	(7) General & Intangible Plant	0.00000	Line 173
14			
15	(8) Cash Working Capital	0.00000	Line 179
16			
17	(9) ADIT Adjustment	0.00000	Line 200
18			
19	(10) Materials & Supplies	0.00000	Line 213
20			
21	FIXED CHARGE RATE	0.00000	
22			

Note: 1. Return on Equity and the Depreciation rates cannot change without a Section 205 or 206 filing.

(1)	O&M Expense:	Reference (2)	\$ Amount (2)
25			
26			
27	A. Total Power Production Expenses	Pg 321, Ln 80b	
28			
29			
30	B. Purchased Power Expenses (Acct. 555)	Pg 321.76b	
31			
32			
33	C. Energy Related O&M		
34	Account 501	Pg 320, Ln 5b	
35	Account 503	Pg 320, Ln 7b	
36	Account 504	Pg 320, Ln 8b	

37	Account 509	Pg 320, Ln 912b	
38	Account 510	Pg 320, Ln 15b	
39	Account 512	Pg 320, Ln 17b	
40	Account 513	Pg 320, Ln 18b	
41	Account 518	Pg 320, Ln 25b	
42	Account 528	Pg 320, Ln 35b	
43	Account 530	Pg 320, Ln 37b	
44	Account 531	Pg 320, Ln 38b	
45	Account 544	Pg 320, Ln 56b	
46	Account 547	Pg 321, Ln 63b	
47	Total C	Sum Line 34 - Line 46	-
48			
49	D. Total Production Plant Investment		
50	Total Production Plant	Pg 205, Ln 46g	
51	Less: Production ARO	Pg 205, -Ln 15g	
52	Plus Generator Step Ups	Schedule 2 Line 7	0
53			
54	Total D	Sum Line 50 - Line 52	0
55			
56	Production O&M FCR	(A-B-C)/D =	0.00000
57			
58	(2) OTHER TAXES EXPENSE		
59			
60	A. Other Taxes (Electric Only)	Pg 115, Ln 14g	
61			
62	B. Total Electric Plant in Service		
63	Electric Plant in Service	Pg 207, Ln 100g	
64	Less ARO	Pg 207, Ln 15, Ln 34 Ln 44, Ln 57, Ln 74, Ln 83, Ln 98	
65	Plus Common Electric Plant in Service	Pg 356 WP_B-4	
66	Plus Total Acquisition Adjustment	Line 15 ,Col. (d)	0
67	Total Electric Plant in Service	Sum Line 63 - Line 66	0
68			
69	Other Taxes FCR	A/B	0.00000
70			
71	(3) A&G EXPENSE		
72			
73	A. Production Wages Expense	Pg 354, Ln 20b	
74			

75	B. A&G Wages Expense	Pg 323, Ln 181b	
76			
77	C. Total Wages Expense	Pg 354, Ln 28b	
78			
79	D. Total A&G related O&M	Pg 323, Ln 197b	
80			
81	E. Total Production Plant Investment	Line 54	0
82			
83	A&G Expense FCR	(A/(C-B))*D/E	0.00000

Note 2- All page references are to FERC Form No. 1.

(4)	RATE OF RETURN WORKSHEET	Reference (2)	\$ Amount (2)
87			
88			
89	A. Common Equity Calculation		
90			
91	Proprietary Capital	Pg 112 Ln 16c	
92			
93	Less: Preferred Stock Issued	Pg 112 Ln 3c	
94			
95	Less: Account No. 216.1	Pg 112 Ln 12c	
96			
97	Less: Accum other comprehensive Income	Pg 112 Ln 15	
98			
99	Common Equity =	Line 91 - 93 - 95 - 97	0
100			
101	B. Rate of Return Calculation		
102			
103	Long Term Debt	pg.112, sum of 18c thru 21c	
104			
105	Preferred Stock	(Pg.112 Ln 3c)	
106			
107	Common Equity	Line 99	0
108			
109	Total Capital =	Line 103 + 105 + 107	0
110			
111	C. Cost of Debt		
112	Interest on Long Term Debt	Pg 117 Ln 62c	
113	Interest on Debt to Assoc. Companies (LTD portion only)	Pg 117 Ln 67c	
114	Amortization of Debt Discount and Expense	Pg 117 Ln 63c	
115	Amortization of Loss on Reacquired	Pg 117 Ln	

	Debt	64c	
116	Less: Amort of Premium on Debt	Pg 117 Ln 65c	
117	Less: Amort of Gain on Reacquired Debt	Pg 117 Ln 66c	
118	Total Interest Expense		0
119			
120	Average Cost of Debt (Line 118 / Line 103)		0.00%
121			
122	D. Cost of Preferred Stock	Pg 118 Ln 29c	
123	Preferred Stock Dividends		
124			
125	Average Cost of Preferred Stock (Line 123 / Line 105)		
126			

127	CAPITAL STRUCTURE			
128				Weighted Cost Of Capital
129		<u>Amount</u>	<u>%</u>	<u>%</u>
130	Long Term Debt	\$0	0.00%	0.00%
131	Preferred Stock	\$0	0.00%	0.00%
132	Common Equity (1)	\$0	0.00%	9.72%
133	Total	\$0	0%	ROR= 0.00%
134				
135				
136				
137				

138	(5)	DEPRECIATION EXPENSE	Reference (2)	\$ Amount (2)
139				
140		Production Depreciation Expense	Pg 336 Lns 2-6b	
141				
142		Total Production Plant Investment	Line 54	0
143				
144		SLDp =	Line 140 / 142	0.00000
145				
146		n =	1 / Line 144	0.000
147				
148		SFDp =	$R/(1+R)^n - 1$	0.00000
149				

150	(6)	COMPOSITE INCOME TAX EXPENSE		
151				
152		Production CIT=		0.00000
153		Formula: (35/65+State Tx)/(1-State Tx)*(ROR+SFD-SLD)*(1-Wtd.LTD/ROR)		
154		State Tax Rate		
155				
156				

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(7) General & Intangible Plant

Production Wages Expense	Line 73	-
Total Wage Expense Less A&G Wage expenses	Line 77 - Line 75	-
Production W/S Allocator	Line 165 / Line 166 Pg 205 and 207, Lns5G + 96 G	0.00%
General & Intangible plant General & Intangible plant allocated to Production	Line 167 * Line 168 Line 3 + 7 + 9 + 11 + 17 + 19	-
Revenue Requirement FCR General & Intangible Plant Revenue Requirement	Line 169 * Line 170	0.000%
Total Production Plant Investment	Line 50	-
General & Intangible Plant FCR	Line 171 / Line 172	-

(8) Cash Working Capital

Cash Working Capital will be set at
 and remain \$0 until such time as
 PSCo files and receives FERC
 approval.

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(9) ACCUMULATED DEFERRED INCOME TAX

Total Production plant	Line 54	0
Total Electric Plant	Line 67	0
Accumulated Deferred Income Tax		
Account 190	Pg 234 Ln 2c + 3c	
Account 281	Pg 273 Ln 4k	
Account 282	Pg 275 Ln 2k	
Account 283	Pg 277 Ln 9k	
Total ADIT		0
	(Line 184 / 185) * Line 191	-
A. Production share of ADIT		-

195			
196	B. Return and Taxes	Line 7 + 11	0.000%
197			
198	C. Production Plant (plus step ups)		0
199			
200	(A x B) / C =		-
201			
202	(10) Materials & Supplies		
203			
204			
205			
206	A. Total Non-Fuel M&S	Pg 227 Ln 7	
207	B. ROR	Line 133	0.00%
		Line 206 *	
208	C. Return on M&S	207	0
209	D. Total Prod Plnt	Line 50	0
210			
211	E. Total Plnt in Service	Line 63	0
		Line 209 /	
212	F. % of Prod Plant	211	0.0000
		(Line 208 *	
		212) / Line	
213	G. Prod M&S Factor	209	0.00000

Note 2: Fixed Charge Rate amounts are based on actuals from the most recently completed FERC Form No. 1 at the time of the estimate and are not trued up.

Public Service Company of Colorado
 Transmission Formula Rate Settlement 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				0.00000	\$ -	\$0
2				0.00000	\$ -	\$0
3				0.00000	\$ -	\$0
4				0.00000	\$ -	\$0
5				0.00000	\$ -	\$0
6				0.00000	\$ -	\$0
7				0.00000	\$ -	\$0
8				0.00000	\$ -	\$0
9				0.00000	\$ -	\$0
10				0.00000	\$ -	\$0
11				0.00000	\$ -	\$0
12				0.00000	\$ -	\$0
13				0.00000	\$ -	\$0
14				0.00000	\$ -	\$0
15				0.00000	\$ -	\$0
16				0.00000	\$ -	\$0
17				0.00000	\$ -	\$0
18				0.00000	\$ -	\$0

19	Total		\$0	-	0.00000	\$	-	\$	-
		<u>Non VAR Related</u>							
		<u>Percent (1 -</u>							
		<u>Schedule 2 Line</u>							
		<u>34)</u>							
20							100.000%		
		<u>GSU's (Schedule</u>							
		<u>2 Line 7)</u>							
21							-		
		<u>Recoverable Non</u>							
		<u>VAR GSU (Line</u>							
		<u>20 * Line 21)</u>							
22							-		

- (1) FERC Form No. 1 Pages 402-403, Line 17
 (2) FERC Form No. 1 Pages 402-403, Line 5

Exhibit II

Revised Formula Tables - Attachment O-SPS

Marked versions

Southwestern Public Service Company
Worksheet B - Revenue Credits

Worksheet B
Table 16

Account 456.1, Revenues from Transmission of Electricity of Others, Projected for Billing Year =

20yy \$ -

			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
					Scheduling, Reactive System Supply &	Regulation	Network &	Network & Interco.	Supplemental		FERC FERCAs	Total Of	
Line		Network			Control &	Voltage	and	Energy	Spinning	Spinning	sess Assess	TotalLi	
No.	Type	Description	RTO	Transmission	Dispatch	Control	Frequency	Imbalance	Reserve	Reserve	Pass PassThr	ough Through Line Items	
Line	No.	Type	Description	05	07	12	14	16	19	22	24	26	Items
11													0.00
12													0.00
13													0.00
14													0.00
15													0.00
16													0.00
17													0.00
18													0.00
19													0.00
20													0.00
21													0.00
22													0.00
23													0.00
24													0.00
25													0.00
26													0.00
27													0.00
28													0.00
29													0.00
30													0.00
31													0.00
32													0.00
33													0.00
34													0.00
35													0.00
36													0.00
37													0.00
38													0.00
39													0.00
40													0.00
41													0.00
42													0.00
43		Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44													
45		Summarized by Type: Note 2											
46	Credit		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47	Divisor		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	Ancillary		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	Other		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	Total		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

51 Description of Revenue Types:

52 Ancillary Ancillary services includes regulation & frequency, control & dispatch, voltage
53 control, reactive, spinning reserve, scheduling and generation step-up.

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

55 Credit Revenue credit because load not included in divisor.

56 Note 2 - SPP point to point revenues are being revenue credited here because SPP will not revenue credit these revenues to LSEs.

Southwestern Public Service Company
Worksheet B - Revenue Credits

Worksheet B
Table 17

Account 456.1, Revenues from Transmission of Electricity of Others, Actual for Billing Year = 20yy \$ - (Total Company - FF1, p 330, col. N)

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
			Scheduling, Reactive System Supply &	Regulation Network &	Energy	Spinning	Spinning	Supplemental	FERC Assess	Total Of	Total Per
Line	Network	Control &	Voltage	and	Energy	Spinning	Spinning	Supplemental	FERC Assess	Total Of	Total Per
No. Type Description	RTO	Transmission	Dispatch	Control	Frequency	Imbalance	Reserve	Reserve	Through	Line	FERC Form
No. Type Description	05	07	12	14	16	19	22	24	26	Items	No. 1

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66
67
68
69
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71
72
73
74
75
76
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80
81
82
83
84

Total	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
Summarized by Type: Note 2											
Credit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Divisor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ancillary	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

93 Description of Revenue Types:

94 Ancillary Ancillary services includes regulation & frequency, control & dispatch, voltage
95 control, reactive, spinning reserve, scheduling and generation step-up.
96 Divisor Load associated with these revenues are included in the formula divisor.
97 Credit Revenue credit because load not included in divisor.

98 Note 2 - SPP point to point revenues are being revenue credited here because SPP will not revenue credit these revenues to LSEs.

Southwestern Public Service Company
 Worksheet G - O&M Expenses and Wages and Salaries

Worksheet G
 Table 27

Line No.	(a) FERC Account No.	(b) Description	(c)	(d)	(e) Projected Amount	(f) Reference for Actual	(g) Actual Amount	(h)	(i)
1		<u>TRANSMISSION EXPENSES</u>							
2		<u>OPERATION</u>							
3	560	Supervision and Engineering				321.83.b			
4	561.0	Load Dispatching				321.84.b			
5	561.1	Load Dispatching - Reliability				321.85.b			
6	561.2	Load Dispatching - Monitor & Operate Transmission System				321.86.b			
7	561.3	Load Dispatching - Transmission Service & Scheduling				321.87.b			
8	561.4	Scheduling, System Control & Dispatch Services				321.88.b			
9	561.5	Reliability, Planning and Standards Development				321.89.b			
10	561.6	Transmission Service Studies				321.90.b			
11	561.7	Generation Interconnection Studies				321.91.b			
12	561.8	Reliability, Planning and Standards Development Services				321.92.b			
13	562	Station Expenses				321.93.b			
14	563	Overhead Line Expenses				321.94.b			
15	564	Underground Line Expenses				321.95.b			
16	565	Transmission of Electricity by Others				321.96.b			
17	566	Miscellaneous Transmission Expenses				321.97.b			
18	567	Rents				321.98.b			
19		Total Operation			0		0		
20									
21		<u>MAINTENANCE</u>							
22	568	Supervision and Engineering				321.101.b			
23	569	Structures				321.102.b			
24	569.1	Computer Hardware				321.103.b			
25	569.2	Computer Software				321.104.b			
26	569.3	Communication Equipment				321.105.b			
27	569.4	Miscellaneous Regional Transmission Plant				321.106.b			
28	570	Station Equipment				321.107.b			
29	571	Overhead Lines				321.108.b			
30	572	Underground Lines				321.109.b			
31	573	Miscellaneous Transmission Plant				321.110.b			
32		Total Maintenance			0		0		
33									
34		Total Transmission O&M			0		0		
35									
36		Less: All 561 Accounts			0		0		
37		Add Back: Account 561.6 - Transmission Service Studies			0		0		
38		Add Back: Account 561.7 - Generation Interconnection Studies			0		0		
39		Less: Account 565 - Transmission of Electricity by Others			0		0		
40		Transmission O&M Expense Adjustment (Note 1)							
41									
42		Total Net Transmission Expense			0		0		
43									
44		<u>ADMINISTRATIVE AND GENERAL</u>							
45		<u>OPERATION</u>							
46	920	Administrative and General Salaries				323.181.b			
47	921	Office Supplies and Expense				323.182.b			
48	922	(Less) Administrative Expense Transferred				323.183.b			
49	923	Outside Services Employed				323.184.b			
50	924	Property Insurance				323.185.b			
51	925	Injury and Damages				323.186.b			
52	926	Employee Pensions and Benefits				323.187.b			
53	928	Regulatory Commission Expenses				323.189.b			
54	929	(Less) Duplicate Charges-Cr.				323.190.b			
55	930.1	General Advertising Expenses				323.191.b			
56	930.2	Miscellaneous General Expenses				323.192.b			

57	931	Rents			323.193.b				
58		Total Operation		0		0			
59									
60		MAINTENANCE							
61	935	Maintenance of General Plant			323.196.b				
62									
63		Less: Account 926 Retail Pension Tracker			323 Footnote Data				
64		Less: Account 926 Retail Pension Tracker Amortization			323 Footnote Data				
65		Less: O&M Expenses (Note 1)							
66									
67									
68		TOTAL ADMINISTRATIVE AND GENERAL		0		0			
69									
70	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
71			Projected				Actual		
72			Direct Payroll	Payroll Billed from Service Corp	Total Projected Amount		Direct Payroll	Payroll Billed from Service Corp	Total Actual Amount
73		Wages and Salaries Allocator							
74		Production			0	354.20.b			0
75		Transmission			0	354.21.b			0
76		Regional Market			0	354.22.b			0
77		Distribution			0	354.23.b			0
78		Other			0	354.24,25,26.b			0
79									
80		Total	0	0	0		0	0	0
81									
82		(Note 1: Eliminate Eddy County HVDC transmission O&M and A&G expenses.)							

Exhibit III

Road Maps of Formula Changes

Exhibit III – PSCo Template

Line No.	Schedule/Workpaper	Table No.	Change Type	Description of the Change
1	ATRR Est	4	WP	Corrected references to line numbers on WP_B-5 (lines 59, 60, and 61) and WP_F-1 (lines 125 and 126).
2	ATRR Act	5	WP	Corrected references to line numbers on WP_B-5 (lines 59, 60, and 61), WP_C-4 (line 86), WP_B-8 (line 93), and WP_F-1 (lines 125 and 126).
3	WP_A-2	6	OTH	Updated the link to the FERC interest rate page to reflect the most current location at the bottom of the table.
4	WP_B-7	13	FERC	The FERC Form 1 references on lines 1 and 13 of the Actual section were corrected due to movement of items on the Form 1.
5	B-Inputs Act	16	FERC	Update references to FERC Form 1 and added footnotes 7 and 8 in order to explain the derivation of Common Intangible and Common General plant and accumulated depreciation amounts.
6	WP_C-1	17	SAP	Removed the reference to Account 565.25 on line 34 related to the System Integration Costs- Holy Cross TIE expenses. These expenses will continue to be recorded in FERC Account 565, but will be identified by different fields in the SAP system.
7	WP_C-2	18	OTH	Update Note 1 to include a description of the adjustment to eliminate of the net deferred pension expense from the last electric retail rate case settlement.
8	WP_C-3	19	OTH	Removed labels in Description column, as list of affiliates allocating PBOP costs to PSCo can change from year to year. Made lines in Description column blank and changed to yellow for future updates.
9	WP_D-1	21	FERC	Removed the FERC Form 1 line number references, as these change annually.
10	WP_E-1	22	WP	Updated description on line 7 to reflect reference to the correct work paper.
11	WP_F-1	23	SAP	Removed references to Accounts 456.05-456.26 in the column titles. Revenues will no longer be recorded in these same sub-accounts in the SAP system. Revenues will be continue to be recorded in FERC Account 456.1, but the detailed breakout will be identified by different fields in the SAP system. In the Actual section, added missing column references and Note 1 to explain how transmission revenues tie to FERC Form 1.
12	Schedule 2	28	WP	Updated line reference on line 30
13	Schedule 5	30	WP	Updated formatting and references on lines 25, 26, and 27 and footnote 3 to be consistent with other ancillary services schedules in the template.
14	Schedule 6	31	WP	Updated formatting and references on lines 25, 26, and 27 and footnote 3 to be consistent with other ancillary services schedules in the template.
15	WP_FCR	32	OTH	Updated references on lines 187-190 and added footnote 2 to explain the lag in numbers used to calculate the Fixed Charge Rate.
16	WP_Cost per Unit	33	OTH	Descriptions were added on lines 20-22 that were previously missing.

Exhibit III – PSCo Template

KEY:

Change Type	Description
SAP	SAP system related revision
FERC	FERC Form 1 referencing revision
WP	Work Paper referencing revision
OTH	Other formatting or footnote revision

Note: Schedule 2, 5 and 6 revisions affect ancillary rate formula workpapers

Exhibit III – SPS Template

Line No.	Schedule/ Workpaper	Table No.	Change Type	Description of the Change
1	WP_B	16	SAP	Removed references to sub-accounts in the column titles. Revenues will no longer be recorded in these same sub-accounts in the SAP system. Revenues will continue to be recorded in FERC Account 456.1, but the detailed breakout will be identified by different fields in the SAP system.
2	WP_B	17	SAP	Removed references to sub-accounts in the column titles. Revenues will no longer be recorded in these same sub-accounts in the SAP system. Revenues will continue to be recorded in FERC Account 456.1, but the detailed breakout will be identified by different fields in the SAP system.
3	WP_G	27	OTH	O&M Expense and Wages and Salaries - The amount for FERC account 926 is taken from a footnote to pages 320-323 rather than the main schedule because costs related to a retail pension tracker are included in the amount on the main schedule. There are also pension and benefit expenses related to the Eddy County HVDC tie that are removed from the transmission revenue requirement. The revision creates separate lines for these items to be removed. The result is that the total amount for FERC account 926 is taken from the main schedule like all other O&M amounts and the existing adjustments to the transmission revenue requirement are clearly identifiable.

KEY:

**Change
Type**

Description

SAP	SAP system related revision
FERC	FERC Form 1 referencing revision
WP	Work Paper referencing revision
OTH	Other formatting or footnote revision