

November 6, 2006

Via Electronic Filing and U.S. Mail

Oregon Public Utility Commission Attention: Filing Center PO Box 2148 Salem OR 97308-2148

Re: UE 180, UE 181 AND UE 184

Attention Filing Center:

Pursuant to the request of the PUC, enclosed for filing, please find an original and five copies of:

• PGE's Exhibits 3100-3113. (Please note that page numbers have been added to the top right hand corner).

This document is being filed by electronic mail with the Filing Center.

An extra copy of this cover letter is enclosed. Please date stamp the extra copy and return it to me in the envelope provided.

Thank you in advance for your assistance.

Sincerely,

DOUGLAS C. TINGEY

DCT:jbf Enclosures

cc: Service List – UE 180, 181 and 184 (w/enclosures)

#### **CERTIFICATE OF SERVICE**

I hereby certify that I have this day caused the following: COVER LETTER OF

DOUGLAS TINGEY DATED NOVEMBER 6, 2006 AND PGE'S EXHIBITS 3100-3113

(RESUBMITTED WITH PAGE NUMBERS PER THE REQUEST OF THE PUC) to be served by electronic mail to those parties whose email addresses appear on the attached service list, and by First Class US Mail, postage prepaid and properly addressed, to those parties on the attached service list who have not waived paper service.

Dated at Portland, Oregon, this 6<sup>th</sup> day of November 2006.

OUGLAS C. TINGEY

<sup>&</sup>lt;sup>1</sup> \*Denotes Party received hardcopies

<sup>\*\*</sup> Denotes Party Received CD version only

#### **SERVICE LIST**

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### BEFORE THE PUBLIC UTILITY COMMISSION OF OREGON

UE 180/ UE 181/ UE 184

In the Matter of	)
PORTLAND GENERAL ELECTRIC COMPANY	)))
Request for a General Rate Revision (UE 180),	) (
In the Matter of PORTLAND GENERAL ELECTRIC COMPANY	))))
Annual Adjustments to Schedule 125 (2007 RVM Filing) (UE 181),	) ( ( .
In the Matter of	)
PORTLAND GENERAL ELECTRIC COMPANY	)
Request for a General Rate Revision relating to the Port Westward Plant (UE 184).	

## **PGE EXHIBITS 3100-3113**

- 14. With respect to the testimony at page 4, line 1 and footnote 6, please confirm that the sample selection of fourteen companies is the same sample selection as used by Mr. Morgan in Docket UE 179, PacifiCorp's Oregon rate proceeding.
  - a. If so, please explain how Mr. Morgan arrived at a 9.30% recommended ROE for PGE as compared to the 9.50% ROE recommended for PacifiCorp in Docket UE 179.
  - b. Is the difference due solely to use of later market data (from August 8, 2006) for PGE rather than the June 28 market data used for PacifiCorp? Please explain.
  - c. If not, please identify the other factors that contribute to the different recommendations, and quantify the impact of each factor.

#### Staff Response:

Yes. The same sample of companies was used in both Dockets (UE 179 and UE 180.)

- a. The results of the analysis were based on the information available when testimony was written in each docket.
- b. Yes. The market data, (i.e., expected growth rates, prices and dividends) were updated to reflect the most current information.
- c. See b.

OPUC Staff Response to PGE's Third Set of Data Requests 26 - 52 August 30, 2006 Page 16

41. Referring to Staff/1000 Morgan/26, what are the "requirements of the Modern Portfolio Theory" that should be included in the regression? Please explain.

#### Staff Response:

Staff's statement reflects its concern that the model proffered by PGE does not properly capture the impact of non-diversifiable risks, which are the only risks that the MPT indicates investors are properly compensated.

#### September 26, 2006

TO:

Vikie Bailey-Goggins

Oregon Public Utility Commission

FROM:

Patrick G. Hager

Manager, Regulatory Affairs

PORTLAND GENERAL ELECTRIC
UE 180
PGE Response to OPUC Data Request
Dated September 19, 2006
Question No. 532

#### **Request:**

Referring to UE 180 – UE 181 – UE 184 / PGE /2000, Hager-Valach/9, lines 1-3, please provide a detailed description (including bond ratings and other characteristics) of "the market."

#### Response:

PGE does not have a detailed listing of PacifiCorp's, Northwest Natural's or some other market proxy's detailed bond ratings and other characteristics. Staff refers frequently to Northwest Natural or PacifiCorp's bonds issued at similar times as a reason for marking down the cost of PGE bonds. We rely on the most recent Moody's or S&P's utility bond ratings. Please refer to PGE Exhibit 2000 Work Papers, page 184.

PGE's view of the market is the broader capital market in which we compete for funding with every other utility in the country as well as other types of businesses seeking capital funding.

#### September 26, 2006

TO:

Vikie Bailey-Goggins

Oregon Public Utility Commission

FROM:

Patrick G. Hager

Manager, Regulatory Affairs

PORTLAND GENERAL ELECTRIC
UE 180
PGE Response to OPUC Data Request
Dated September 19, 2006
Question No. 535

#### Request:

Referring to UE 180 – UE 181 – UE 184 / PGE /2000, Hager-Valach/9, lines 14-15, please describe in detail how PGE defined "the market."

#### Response:

PGE did not define "the market" in this instance. For our qualitative analysis, we used Moody's and S&P indices. Additional market information is provided in PGE Exhibit 1105 and pages 88-91 of the work papers for PGE Exhibit 1100 as well as Exhibit 2014. The work papers for PGE Exhibit 2000, pages 175-239 provide updated market information to our original work papers.

October 2, 2006

TO:

Vikie Bailey-Goggins

Oregon Public Utility Commission

FROM:

Patrick G. Hager

Manager, Regulatory Affairs

PORTLAND GENERAL ELECTRIC
UE 180
PGE Response to OPUC Data Request
Dated September 25, 2006
Question No. 629

#### **Request:**

Regarding UE 180 – UE 181 – UE 184/PGE/2000, Hager-Valach/61, line 22 through Hager-Valach/62 line 2, please provide all evidence PGE relied upon to conclude that time-series statistical testing would be limited to testing whether there is correlation across the months. Were any other time periods considered? Please explain.

#### Response:

PGE did not say that statistical testing would be limited to testing for monthly correlations, or autocorrelation. Staff's testimony said they were "troubled that PGE did not perform any basic statistical tests" to check for common problems. Autocorrelation is a common problem in time series data; hence our testimony regarding correlation.

The cited testimony stated that it was unlikely that a correlation would exist because the data are not consecutive.

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October 2, 2006

TO:

Vikie Bailey-Goggins

Oregon Public Utility Commission

FROM:

Patrick G. Hager

Manager, Regulatory Affairs

PORTLAND GENERAL ELECTRIC
UE 180
PGE Response to OPUC Data Request
Dated September 25, 2006
Question No. 631

#### **Request:**

Regarding UE 180 – UE 181 – UE 184/PGE/2000, Hager-Valach/58, lines 7-8, please list all additional variables PGE considered including in its regression analysis and the reason for each variable's exclusion from the regression analysis.

#### Response:

PGE did not consider adding additional variables to its Risk Positioning given the theoretical basis for the model, the more than satisfactory explanatory value of the regression, and the potential bias and possible other statistical problems created by adding another variable.

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October 18, 2006

TO:

Vikie Bailey-Goggins

Oregon Public Utility Commission

FROM:

Randy Dahlgren

Director, Regulatory Policy & Affairs

PORTLAND GENERAL ELECTRIC
UE 180
PGE Response to OPUC Data Request
Dated October 6, 2006
Question No. 646

#### **Request:**

Referring to Exhibit 2104, please include the credit rating and S&P's business ranking for each water company used by Dr. Zepp.

#### Response:

Dr. Zepp relied upon data in Staff Exhibit 1003, pages 119-123 for the requested information. Mr. Morgan's data shows PGE is more risky than the water utilities sample based on consideration of business profiles and bond ratings.

November 1, 2006

TO:

Vikie Bailey-Goggins

Oregon Public Utility Commission

FROM:

Randy Dahlgren

Director, Regulatory Policy & Affairs

PORTLAND GENERAL ELECTRIC
UE 180
PGE Response to OPUC Data Request
Dated October 30, 2006
Question No. 681

#### **Request:**

Please provide all workpapers showing PGE's Revenue Requirement request consistent with the Company's position as presented in Sursurrebuttal Testimony filed on October 25, 2006. Please include a breakout of all adjustments to the model consistent with any stipulated issues in the case to date, with a reference for each adjustment and a narrative description of the adjustments.

#### Response:

Attachment 681-A is a copy of PGE's revenue requirement model for this case, reflecting adjustments for the O&M stipulation, Depreciation stipulation, and additional adjustments consistent with PGE's sursurrebuttal testimony and the update of 2007 net variable power costs (NVPC) and loads as filed on November 2, 2006. The final update of 2007 NVPC will be filed on November 9, 2006. PGE expects to file a supplemental response to this request on November 10, 2006 that reflects this final NVPC update.

UE 180 PGE's Response toOPUC Data Request No. 681 Attachment A

Portland General Electric Company
UE-180, UE-181, UE-184 (2007 RVM, General Rate Case, Port Westward)
2007 Revenue Requirement
Dollars in \$000s
PER PGE SUR SUR REBUTTAL INCLUDING STIPULATIONS AND THE NOV 2 NVPC UPDATE AND REVENUE UPDATE
BEFORE PORT WESTWARD

Results at Reasonable Return	(5) 1,541,798	17,768	1,559,566	789,428	71,970	218	10,245	58,713	58,371	8,172	90,909	1,094,026	148,038	18,848	34,674	11,592	(1,036)	36,078	63,887	1,406,107	153,459	153,459	4,300,771	(2,460,187)	(205,677)	(2,005)	1,629,902	4,689	50,176	(28,082)	73,118	1,729,803	8.871%	10.750%
Add'l Rev F	(4) 85,237		85,237							452		452						1,995	32,515	34,961	50,276						•					1,818		
Adjusted 2007 Results	(3) 1,456,561	17,768	1,474,329	789,428	71,970	218	10,245	58,713	58,371	7,720	606'96	1,093,575	148,038	18,848	34,674	11,592	(1,036)	34,084	31,372	1,371,146	103,183		4.300,771	(2,460,187)	(205,677)	(2,005)	1,629,902	4,689	50,176	(28,082)	71,300	1,727,985	5.97%	5.31%
Adjustments to Filed Case	(2) (90,146)	, <del>4</del>	(90,106)	(67,540)	•	,	(34)	(1,623)	(1,644)	(478)	(12,876)	(84,195)	(6.346)	( )	•		(2.267)	(2.109)	615	(94,302)	4,196		(16.009)	2,925		1	(13,084)			•	(4,904)	(17,988)		
2007 Results B4 Rate Change Per Company Filling	707,	17.728	1,564,435	856.968	71,970	218	10,279	966'09	60,015	8,198	109,785	1,177,769	154 384	18,00	24 674	11 592	1 231	36 193	30,757	1,465,448	986'86		4 316 780	(2.463.112)	(205,677)	(5.005)	1,642,987	4 689	50.176	(28.082)	76,203	1,745,972	5 67%	4.86%
	1 Sales to Consumers	2 Sales for Resale	J. Omer Kevenues     4 Total Operating Revenues	r was West and Dougle	S Net Variable Fower Costs	7 Testion O.M.	/ Hojan Ocem 8 Transmission O&M	o Dietribution O&M	10 Customer & MRC O&M	11 Uncollectibles Expense	12 A&G Ins/Bene. & Gen. Plant	13 Total Operating & Maintenance		14 Depreciation	15 Amortization	16 Property 1ax	17 Payroll Tax	18 Other laxes	19 Franchise Fees	20 Utility income 14x	2) Itility Operating Expenses w races	22 Clandy Operating America	23 Average Rate Base	24 Avg. Gross Plant	25 Avg. Accum. Deprec. / Amon.	26 Avg. Accum. Del Tax	2/ Avg. Accum. Del 170.			30 Operating Materials & rues		32 Working Cash 33 Average Rate Base	\$ 4	34 Kate of Keturn 35 Implied Return on Equity

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# BEFORE PORT WESTWARD

	Results at	Reasonable	Return	(2)	6.730%	0.000%	46.730%	0.000%	3.145%	0.000%	53.270%	6.617%	35,000%	39.301%	0.530%	2.340%	5.200%	1.647	10.750%	12.579%		1,559,566	1,342,220	54,401	4,017	(7,623)	(30,787)	197,337	13,057	(166)	12,891	184,446	64,556	(1,461)	(12,099)	63,887	39.21%	99,058 99,058
Š		Add'l Rev	for ROE	4	6.730%	0.000%	46.730%	0.000%	3.145%	0.000%	53.270%	6.617%	32.000%	39.301%	0.530%	2.340%	5.200%	1.647	10.750%	12.579%		85,237	2,446	22				82,734	5,474		5,474	77,259	27,041			32,515	39.30%	50,219
BEFORE FOR I WESTWARE	Adjusted	2007	Results	(3)	6.730%	0.000%	46.730%	0.000%	3.145%	0.000%	53.270%	6.617%	32.000%	39.301%	0.530%	2.340%	5.200%	1.647	10.750%	12.579%		1,474,329	1,339,774	54,344	4,017	(7,623)	(30,787)	114,603	7,583	(166)	7,417	107,187	37,515	(1,461)	(12,099)	31,372	39.11%	48,839
BEFORE		Adjustments	to Filed Case	(2)																		(90,106)	(94,917)	3,247	•		r	1,564	104	•	104	1,461	511		,	615	39.30%	
1	2007 Results B4 Rate Change	Per Company		(1)	6.689%	8.432%	43.752%	0.291%	2.927%	0.025%	55.957%	6.617%	35.000%	39.301%	0.530%	2.340%	5.200%	1.6475	10.750%	12.8771%		1,564,435	1,434,691	51,097	4.017	(7,623)	(30,787)	113,039	7,479	(166)	7,313	105,726	37,004	(1.461)	(12,099)	30,757	39.11%	42,808
				I	36 Effective Cost of Debt					41 Weinhed Cost of Preferred						47 Franchise Fee Rate		40 Gross-Un Factor	40 GOET Target		Hility layona Taxas	52 Book Bevenies			SE Production Deduction	55 Froduction Deduction		58 Taxable Income	59 State Taxes	60 State Tax Credits	61 Net State Taxes	62 Federal Taxable Income	63 Federal Taxes	64 ITC Amon	65 Deferred Taxes	66 Total Income Tax Expense	67 Effective Tax Rate	

UE 180 PGE's Response toOPUC Data Request No. 681 Attachment A

> Portland General Electric Company UE-180, UE-181, UE-184 (2007 RVM, C 2007 Revenue Requirement Dollars in \$000s

PER PGE SUR SUR REBUTTAL INCLUDING STI

PORT WESTWARD IMPACT

(5,005) 18,848 34,674 11,592 (1,036) 420,291 178,285 178,285 (2,464,526) 17,768 ,598,576 774,683 10,245 58,713 8,378 156,717 36,991 74,263 4,585,976 (207,435)80,410 218 58,371 ,088,243 1,580,808 Reasonable Results at Return 913 14,881 16,001 39,010 39,010 207 207 Add'l Rev for ROE 11,592 (1,036) 36,078 (207,435)(5,005)4,585,976 (2,464,526)(9) 1,541,798 17,768 10,245 58,713 8,172 156,717 18,848 1,909,010 97,224 34,674 58,371 960'880' 995,656, 774,683 80,410 59.381 Adjusted Results 2007 (2,999)(1,988)(5,999)994 994 Adjustments Westward to Port 8 34,674 11,592 (1,036) 4,585,976 (2,465,520) (7) 1,541,798 (2002)158,705 36,078 57,670 (207,435)Port Westward 17,768 777,682 10,245 58,713 8,172 ,091,035 18,848 ,908,016 80,410 58,371 97,224 ,559,566 Results with 285,205 (5,333) (1,758) (6,216)(2,991)315 (1,460) Port Westward (11,746)8,440 10,667 ,460 278,114 Impact per Filing (6) 6 Production O&M (excludes Trojan) 20 Utility Income Tax 21 Total Operating Expenses & Taxes 22 Utility Operating Income 23 Average Rate Base
24 Avg. Gross Plant
25 Avg. Accum. Deprec. / Amort
26 Avg. Accum. Def Tax
27 Avg. Accum. Def ITC
28 Avg. Net Utility Plant 13 Total Operating & Maintenance 11 Uncollectibles Expense 12 A&G, Ins/Bene., & Gen. Plant 4 Total Operating Revenues 5 Net Variable Power Costs 10 Customer & MBC O&M 8 Transmission O&M i Sales to Consumers 9 Distribution O&M 3 Other Revenues 2 Sales for Resale 14 Depreciation15 Amortization16 Property Tax17 Payroll Tax 19 Franchise Fees 7 Trojan O&M 18 Other Taxes

4,689	50,176	(28,082)	73,855	2,009,648	8.871% 10.750%
			832	832	
4,689	50,176	(28'085)	73,023	2,008,816	7.73% 8.61%
1	ı	τ	(170)	824	
4,689	50,176	(28,082)	73,193	2,007,992	7.570% 8.306%.
			76	278,190	
29 Misc Deferred Dehits	30 Operating Materials & Firel	31 Misc Deferred Credits	32 Working Cash	33 Average Rate Base	34 Rate of Return 35 Implied Return on Equity

4,689 50,176 (28,082)

# PORT WESTWARD IMPACT

	2007	;		7 0 1 1 1 1		Doculte of	
	Port Westward	Hesults	Adjustments	Adjusteu 2007	Add! Bev	Reasonable	
	Impact per	MINI -		2007 Conflic	For DOE	Batum	
•	Filing	Port Westward	Westward	Hesuits	100 101	(44)	
	(9)	6	œ)	(A)	(OL)	(11)	
36 Effective Cost of Debt	6.730%	6.730%	6.730%	6.730%	6.730%	6.730%	
27 Effective Cost of Preferred	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	
	46.730%	46.730%	46.730%	46.730%	46.730%	46.730%	
	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	
	3.145%	3.145%	3.145%	3.145%	3.145%	3.145%	
40 Welgined Cost of Debt	0000	0000	0.000%	0.000%	0.000%	0.000%	
41 Weighted Cost of Teremod	53.270%	53.270%	53.270%	53.270%	53.270%	53.270%	
42 Chair John Bato	6617%	6.617%	6.617%	6.617%	6.617%	6.617%	
43 State Lay nate	35 000%	35.000%	35.000%	35.000%	35.000%	35.000%	
44 Federal savitate	30 301%	39.301%	39.301%	39.301%	39.301%	39.301%	
45 Composite Lax hate	0.530%	0.530%	0.530%	0.530%	0.530%	0.530%	
46 Bad Debt Hate	0.000%	2,200.0	2 340%	2.340%	2,340%	2.340%	
47 Franchise Fee Hale	2.040 /0	70107	5,010,2 5,000,8	5 200%	5.200%	5,200%	
48 Working Cash Factor	5.200%	5.20076	5,500,6	1 647	1 647	1 647	
49 Gross-Up Factor	1.647	1.64/	1.047	1.047	10.1	7001	
50 ROF Target	10.750%	10.750%	10.750%	10.750%	10.750%	10.750%	
51 Grossed-Up COC	12.579%	12.579%	12.579%	12.579%	12.579%	12.579%	
Utility Income Taxes		1		4 650 688	39.010	1 598 576	
52 Book Revenues	,	1,559,566	• ;	ooc'Acc'l	29,010	000,000,1	
53 Book Expenses	9/9//	1,349,896	(4,987)	1,344,909	021,r	1,346,026	
54 Interest Deduction	8.141	62,542	633	63,176	56	63,202	
	5	4.017	•	4,017		4,017	
55 Production Deduction		(2007)	•	(7,623)		(7,623)	
56 Permanent Ms		(1,023)		(078'1)		(21.840)	
57 Deferred Ms	8,947	(21,840)		7040,13	27.00	24.4 701	
58 Taxable Income	(24,764)	172,573	4,354	176,927	C00'/£	16/13	
59 State Taxes	(1,639)	Ξ	288	11,706	2,505	14,212	
60 State Tax Credits		(166)		(190)		7001	-
	(1,639)	11,252	288	11,540	2,505	14,046	
62 Federal Taxable Income	(23,126)	161,320	4,066	165,386	35,359	200,746	
	(8 094)	56.462	1,423	57,885	12,376	70,261	
os reueral laxes	(100,0)			(1.461)		(1,461)	
	25.46			(8,583)	:	(8,583)	
	01010		1711	59.381	14.881	74,263	
	(012,0)		· ·	39.20%			
67 Effective Tax Hate	39.30%			92.099			
68 Regulated Net Income	(100,6)		2,043	2021			

Portland General Electric Company UE-180, UE-181, UE-184 (2007 RVM, General Rate Case, Port Westward)

Case	
Filed	20
ents to	2000g u
Justm	llars i
2	2

(69) (3,534) (1,029) (1,140) (
8-12 Memberships (82) (82) (82) (82) (82) (96) (90) (90)
15 Swc (1,575) (1,575) (965) 965 (60) (50)
PGE-1 PGE-2 Beaver 8 Other NVPC 75) 75) (497) (6,709) (6,709) (6,709) (6,709) (6,709)

PGE/3109/7

UE 180
PGE's Response toOPUC Data Request No. 681
Attachment A

Adjustments to Filed Case Dollars in \$000s

lars in \$000s	S-1 Taxes OTI	S-3 A&G/O&M	S-5 Incentives	-	S-8 Other Rev	S-9 Cap Ex	S-12 Memberships	S-14 Weatherization	S-15 Cust Sve	PGE-1 Beaver 8	- 1.	Office Pr
43 State Tax Rate	6.617%	1	6.617%	6.617%	6.617%	6.617%	6.617%	6.617% 35.00d%	6.617% 35.000%		6.617% 35.000%	6.617% 35.000%
44 Federal Tax hate 45 Composite Tax Rate	39.301%	39.301%		39.301%	39.301%	39.301%	39.301%	39.301%	39.301%		39.301%	39,301% 39,301% 0.530% 0.530%
46 Bad Debt Rate	0.530%	0.530%	0.530%	0.530%	0.530%	0.530%	2.340%	2.340%	2.340%		2.340%	
47 Franchise Fee Hate	2.340%	2.340%	5.340%	5.040%	5 200%	5.200%	5.200%	5,200%	5.200%		5.200%	4
48 Working Cash Factor	5.200%	1.647	1.647	1.647	1.647	1.647	1.647	1.647	1.647		1.647	
50 ROE Target	10.750%	10.750%	10.750%	10.750%	10.750%	10.750%	10.750%	10.750%	10.750%		10.750%	10.750% 10.750% 12.579% 12.579%
51 Grossed-Up COC	12.579%	12.579%	12.579%	12.579%	12.579%	12.579%	12.5/9%	12.57.976	6,57.976		2.519.8	
Utility Income Taxes	•		1	,	40	,	•	•	•			:
53 Book Expenses	(2,267)	(6,551)	(4,366)	(3,534)		1	(82)	(69)	(1,575)		(497)	(497)
54 Interest Deduction 55 Production Deduction 56 Permanent Ms	(5)	(9)	(44)	(36)	0	(220)	<b>6</b>	(n)	(7)		(112)	(112)
57 Deferred Ms 58 Taxable Income	2,269	6,557	4,410	3,570	40	220	82	69	1,577		708	. 802
59 State Taxes	150	434	292	236	ო	15	2	5	104		47	47 -
60 State Tax Credits 61 Net State Taxes	150	434	292	236	6	15	5	5	104		47	47 -
62 Federal Taxable income	2,119	6,124	4,118	3,334	37	205	11	. 64	1,472	9	661	
63 Federal Taxes	742	2,143	1,441	1,167	13	72	27	23	515	8	232	32
64 ITC Amort			,	•	,	•		•	• '			ī
65 Ueterred Taxes	208	9 577	1 733	1 403	16	86	32	27	620		278	
67 Effective Tax Rate	39.30%	39.30%	39.30%	39.30%	39.30%	39.30%	39.	39.	39.30%	œ, ;	30%	39.30% #DIV/0!
68 Revenue Requirement Effect	(2,349)	(6,789)	(4,689)	(3,796)	(41)	(806)	(82)	(72)	(1,632)	BE'L)	9	· (9

UE 180
PGE's Response toOPUC Data Request No. 681
Attachment A

ed Case	
nts to File	\$000\$
Adjustme	Dollars in

rs in \$000s PGE-4 PC Depr Up	3 Other Revenues 4 Total Operating Revenues (	5 Net Variable Power Costs 6 Production O&M (excludes Trojan)	7 Transmission O&M 9 Distribution O&M	10 Customer & MBC O&M 11 Uncollectibles Expense	12.2 A&O, Ins/Bene., & Oen. Plant 13 Total Operating & Maintenance (	14 Depreciation 15 Amortization 16 Property Tax	18 Other Taxes 19 Franchise Fees - 20 Utility Income Tax 2,265 21 Total Operating Frances & Taxes (3.584) (		23 Average Rate Base 24 Avg. Gross Plant 25 Avg. Accum. Deprec. / Amort 26 Avg. Accum. Def Tax	Avg. Net Utility Plant 2,925	Misc. Deferred Debits Operating Materials & Fuel Misc. Deferred Credits Working Cash Average Rate Base 2,738	34 Rate of Return 35 Implied Return on Equity	6.730% 0.000% 46.730%	39 Preferred Share of Cap Structure 0.000% 40 Weighted Cost of Debt 3.145% 41 Weighted Cost of Preferred 0.000% 42 Equity Share of Cap Structure 53.270%
PGE-5 Adjustments Update Before NVPC/Rev Port Westward	(90,146) (90,106)	(67,540) (67,540)	(34)	(1,644) (478) (478)	(68,018) (84,195)	(6,346)	(2,109) (2,109) (7,817) (15,109) (7,817) (15,109)		(16,009)	- (13,084)	(4,053) (4,904) (4,053) (17,989)		6.730% 6.730% 0.000% 16.730% 46.730% 46.730%	0.000% 0.000% 0.000% 0.000% 0.000% 0.000% 0.000% 0.000% 0.3.270% 0.000%
PGE-PW-1 PGE-PW-2 Int Ded Depr					E		(239)	239		ŀ	(12)		6.730% 0.000% 46.730%	
iE-PW-2 PGE-PW-3 Depr Update NVPC		3)		. 1		(1,988)	770		994	994	(63) 931		6.730% 6 0.000% 0 16.730% 46	ω,
- 1	1	(2,999)		•	(2,999)		1,180 (1,819)	1,819			(95)		6.730% 0.000% 46.730%	3.145% 0.000% 53.270%
Port Westward Adjustments		(2,999)		, , ,	(2,999)	(1,988)	1,711 (3,276)	3,276	994	994	(170)		6.730% 0.000% 46.730%	3.145% 0.000% 53.270%

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Portland General Electric Company UE-180, UE-181, UE-184 (2007 RVM, General Rate Case, Port Westward) 2007 Revenue Requirement

	Pre-Tax	9.910% 0.040% 2.927%	27.10.7
Filing	Weighted	10.750% 6.015% 9.910% 8.432% 0.025% 0.040% 6.689% 2.927% 2.927% 8.6689% 1.9877%	9.500.6
Original 1	Cost	10.750% 8.432% 6.689%	
		55.957% 0.291% 43.752%	
		•	
	Pre-Tax	%     5.727%     9.434%       %     0.000%     0.000%       %     3.145%     3.145%	12.579%
t of Capital	Weighted	5.727% 0.000% 3.145%	8.871%
ndated Cost	Cost	10.750% 0.000% 6.730%	
	Share	53.270% 10.750% 0.000% 0.000% 46.730% 6.730%	100.00%
		Common Equity Preferred Equity Long-Term Debt	Total

	1.00000	0.02340 0.00530 0.97130	0.06427	0.90703	0.31746	0.38173	0.41043	0.58957	
Revenue Sensitive Costs:	Revenues	Franchise Fees O&M Uncollectibles State Taxable Income	State Tax @ 6.617%	Federal Taxable Inc.	Federal Tax @ 35%	Total Income Taxes	Total Rev. Sensitive Costs	Utility Operating Income	1

0.01	0.58957	1.6961
Total Key, Sensitive Costs	Utility Operating Income	Net To Gross Factor

1.6475 1.0295 Bad Debt/Franchise Fees only	),0026 ,0323 Including WC	
1.6475	0.0026	1.7005
NTG (Income Taxes only) Revenue Sensitive Cost Factor	Working Cash Factor Revenue Sensitive Cost Factor	NTG (Including Working Cash)

Updated Revenue Dollars in \$000s 2007 Revenue at 2006 Prices as Filed Updated 2007 Revenue at 2006 Prices Adjustment

1,546,707 1,546,707 Reflects the impact of the updated Load Forecast, including the September DA Window (90,146)

## Updated NVPC Dollars in \$000s

## Before Port Westward:

Monet Case - As Filed Monet Case - Nov 2 Update Adjustment

856,968 (67,540)

## Port Westward Effect:

789,428 GHC Case, No PW
7777,333 GHC Case, PW on March 1, 2007
(12,095) 10-Month Effect
(14,745) Annual Effect
(1,746) As Filed
(2,999) Monet Case - Nov 2 Update Monet Case - Nov 2 Update Charge in NVPC for PW Annualization Factor Annualized Charge in NVPC Anjustment

774,683

NVPC w PW

Depreciation Stipulation Adjustment (for Non-PW Assets) in Dollars

Stipulation Adjustment 2007 Depreciation Expense	(220,079) (5,376,748) (252,373)	19 9 23 1 1 (5,849,147)
	GENERATION DISTRIBUTION TRANSMISSION	OTHER BREAKOUT: BILLING METERING OTHER CONSUMER RETAIL SERVICES

UE 180
PGE's Response toOPUC Data Request No. 681
Attachment A

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Beaver 8 Adjustment Remove Beaver 8 (Reg Asset Portion) from 2007 Test Year

6,957,301 Reg Asset Estimated Balance at 12/31/06 (See Integrated Model - Reg Asset tab)
14 Book Depreciation life for Beaver (Through 2020)
496,950 Book Depreciation Expense Included in 2007 Test Year

6,708,826 Estimated Rate Base Balance in 2007 Test Year (Avg 2007 balance)

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Joseph Category	<u>.</u>	H E	Mar	Apr	Mav	Jun	Juc	Aug	Sep	Oct	Nov	Dec	Total
System	1.	<del></del>		1,529,456	1,535,221	1,499,199	1,619,257	1,633,687	1,503,040	1,580,601	1,682,707	1,868,922	1,677,434 1,529,456 1,535,221 1,499,199 1,619,257 1,633,687 1,503,040 1,580,601 1,682,707 1,868,922 19,615,753
800	1,750,515	,750,515 1,514,604	1,556,969	1,408,180	1,407,773	1,370,829	1,490,563	1,509,641	1,381,815	1,459,946	1,568,148	1,747,260	,556,969 1,408,180 1,407,773 1,370,829 1,490,563 1,509,641 1,381,815 1,459,946 1,568,148 1,747,260 18,166,243
System Percent	9.51%	8.26%	8.55%	7.80%	7.83%	7.64%	8.25%	8.33%	7.66%	8.06%	8.58%	9.53%	100.00%
COS Percent	9.64%	8.34%	8.57%	7.75%	7.75%	7.55%	8.21%	8.31%	7.61%	8.04%	8.63%	9.62%	100.00%
	82.03%												

1.2191

2007 Loads For PW Annualization Calculation

G./PATECASE\OPUC\DOCKETS\UE-180\_UE-181\_UE-184\DR-IN\OPUC - PGE\DR\_681\_Attach A.xis

PORTLAND GENERAL ELECTRIC Changes in Revenues Resulting from Price Changes before Port Westward (\$000)

Category	2006 Current	Proposed	Change	əğu
Table 1 COS	\$1,464,351	\$1,551,060	1,060	\$86,709
DA/76R	(\$10,480)	(\$1)	(\$12,140)	(\$1.660)
Cycle Totals	\$1,453,872	\$1,538,921	8,921	\$85,049
COS Calendar Adjustment	1.0009			
Non-COS Calendar Adjustment	1.0016			
Calendar Basis Retail Revenues	\$1,455,105	\$1,540,225	0,225	\$85,120
Add OATT Revenues	\$1,456,561	\$1,541,681	1,681	\$85,120
OATT Revenues (priced at proposed retail)	\$1,456	<del>is</del>	\$1,456	

# Reconciliation of Revenues and Revenue Requirement

\$1,541,801	\$1,540,225 <u>\$1,456</u> \$1,541,681	. (\$120) <u>\$75</u> (\$45)
Revenue Requirement	Calendar Revenues OATT Revenues	Base Rate Delta Base Rate Employee Discount Delta Total Delta

October 31, 2006

TO:

S. Bradley Van Cleve

**ICNU** 

FROM:

Randy Dahlgren

Director, Regulatory Pricing & Affairs

## PORTLAND GENERAL ELECTRIC UE 180 PGE Response to ICNU Data Request 18.205 Dated October 26, 2006 Question No. 205

#### **Request:**

Page 6, lines 7-9. Is PGE suggesting in this passage that it did not use the extrinsic value analysis to decide to enter into and justify the Super Peak contract? Can PGE demonstrate that it would have been prudent to enter into the Super Peak contract even without consideration of extrinsic value? Please provide all documents and analyses that refer or relate to this request.

#### Response:

PGE objects to this request because it is overly broad, unduly burdensome, and requires speculation. Without waiving its objection, PGE responds as follows:

PGE provided an extensive discussion of how we decided to enter into the Super Peak contract to meet part of the capacity contract needs acknowledged in Commission Order No. 04-375 on pages 35-37 of PGE Exhibit 1900. We used extrinsic value analysis as one element in our scoring process, which ranked the capacity bids we received in response to the 2003 Request for Proposals.

The question, "[can] PGE demonstrate that it would have been prudent to enter into the Super Peak contract even without consideration of extrinsic value?" requires speculation about how PGE would have evaluated RFP capacity bids without the extrinsic value analysis, but the analysis discussed in PGE Exhibit 1900 suggests "yes".

PGE's discussion on pages 35-37 of PGE Exhibit 1900 cites PGE's responses to ICNU Data Request Nos. 125-6 and 158-61.

October 31, 2006

TO:

S. Bradley Van Cleve

**ICNU** 

FROM:

Randy Dahlgren

Director, Regulatory Policy & Affairs

## PORTLAND GENERAL ELECTRIC UE 180 PGE Response to ICNU Data Request 18.210 Dated October 26, 2006 Question No. 210

#### **Request:**

Table 1, Page 10. Does PGE agree that the Monet dispatch benefit values shown are not computed on the basis of extrinsic value, but rather reflect the intrinsic value of the resources shown?

#### Response:

No. The figures shown for "Value of Coyote, Beaver, and PW Under ICNU Methodology" include <u>both</u> intrinsic and extrinsic value. The extrinsic values are calculated using the corrected ICNU methodology. ICNU's extrinsic value methodology is based on changes that might happen to the monthly on- and off-peak spark spreads that can be calculated from the MONET input data.

PGE has not defined extrinsic value. ICNU's methodology implies that intrinsic value is based on the monthly on- and off-peak monthly spark spreads implied by the MONET input data, and extrinsic value is based on possible changes in those spark spreads, the possible changes being based on historical data. According to this implication of ICNU's methodology, the figures shown for "Value of Coyote, Beaver, and PW in March MONET Run" include both intrinsic and extrinsic value, as the hourly spark spreads are based on both the monthly on- and off-peak spark spreads and hourly shaping of these spark spreads based on historical data.

October 31, 2006

TO:

S. Bradley Van Cleve

**ICNU** 

FROM:

Randy Dahlgren

Director, Regulatory Pricing & Affairs

## PORTLAND GENERAL ELECTRIC UE 180 PGE Response to ICNU Data Request 18.213 Dated October 26, 2006 Question No. 213

#### **Request:**

Page 10, line 15. Define "cherry picking." Would this be the same thing as requesting PCAM mechanisms when power costs are uncertain and increasing, but retuning to fixed rates when power costs are stable and declining?

#### Response:

PGE objects to this request on the basis that it is vague and ambiguous. It is unclear if the scenario described ("requesting PCAM mechanisms when power costs are uncertain and increasing, but retuning [sic] to fixed rates when power costs are stable and declining?") is meant to be a purely hypothetical scenario or if ICNU believes it refers to some actual historical facts. Without waiving objection, PGE responds as follows:

If ICNU is referring to the PCAM mechanism PGE had from 1979 through 1987, that PCAM mechanism was terminated by the Commission based on a recommendation from the OPUC Staff. PGE supported the continuation of the PCAM. If ICNU is referring to the PCAM mechanisms of 2001 and 2002, these were ended by the terms of a stipulation.

A tariff PCAM mechanism, such as the one proposed by PGE in this rate case, cannot end without Commission approval: either with an explicit sunset date (such as the UE 115 PCAM), or by Commission Order (such as the UE 47/48 decision that terminated the 1979-1987 PCAM). PGE assumes that, if the Commission terminated a PCAM on either of these bases, it had a good reason for doing so. PGE believes that a well-designed PCAM mechanism will lower cost of service risk for both customers and PGE. We disagree that the operation of PGE's proposed

PGE's Response to ICNU Data Request No. 213 October 31, 2006 Page 2

PGE/3112/2

Annual Variance Tariff (which has no explicit sunset date and thus must be terminated by Commission Order) in this case amounts to "cherry picking" since neither we, nor any of the other parties to this rate case, know what future power costs variances will be over the (unknown) operating period of the PCAM tariff.

In the context of the discussion on page 10 of PGE Exhibit 2600, "cherry picking" means "picking" or selecting to look only at possible decreases to the MONET power cost forecast, but ignoring possible increases to the forecast. This "picking" to propose decreases and "not picking" or ignoring possible increases worsens the problem that MONET likely underestimates power costs on an expected basis. PGE discussed this issue further on pages 4-5 of PGE Exhibit 2600.

## BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF COLORADO

SETTLEMENT AGREEM	IENT
COMPANY OF COLORADO ADVICE LETTER NO. 1454 – ELECTRIC, ADVICE LETTER NO. 671 – GA	
OF TARIFF SHEETS FILED BY PUBLIC SERVICE	)
RE: THE INVESTIGATION AND SUSPENSION	)

October 20, 2006

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# BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF COLORADO

RE: THE INVESTIGATION AND SUSPENSION	)
OF TARIFF SHEETS FILED BY PUBLIC SERVICE	)
COMPANY OF COLORADO ADVICE LETTER NO.	) DOCKET NO. 06S - 234 EG
1454 - ELECTRIC, ADVICE LETTER NO. 671 - GA	AS)

#### **SETTLEMENT AGREEMENT**

1 Public Service Company of Colorado, the Staff of the Colorado Public Utilities

2 Commission ("Staff"), the Colorado Office of Consumer Counsel ("OCC"), Colorado

3 Energy Consumers, The Kroger Co., Climax Molybdenum Company, the

4 Commercial Group, and Adams County (collectively, the "Settling Parties") hereby

5 enter into this Settlement Agreement.

of the proposed rate and tariff changes.

#### INTRODUCTION

6 7

8

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On April 14, 2006, Public Service Company of Colorado ("Public Service" or the "Company") filed Advice Letter No. 1454 – Electric and Advice Letter No. 671 – Gas with the Colorado Public Utilities Commission ("Commission" or "CPUC"), tendering revised tariff sheets in which the Company proposed comprehensive rate and tariff changes. The Company also filed Direct Testimony and Exhibits in support

The Company requested the following base rate revenue and estimated adjustment clause revenue as summarized in the Direct Testimony of Fredric C. Stoffel:

1	Base Rate Revenue	\$1,021,321,846	44.8%
2	PCCA Revenue	\$ 336,297,476	14.8%
3	ECA Revenue	\$ 851,707,000	37.4%
4	Other clauses	\$ 68,814,056	3.0%
5	TOTAL	\$2,278,140,378	100%

On August 11, 2006, the Company filed Supplemental Direct Testimony and Revised Exhibits. This filing increased the Company's requested increase in electric base rate revenue by \$774,172. On August 18, 2006, various parties filed Answer Testimony and Exhibits objecting to aspects of the Company's requested rate changes, overall revenue requirement, Return on Equity, cost adjustment mechanisms and tariffs. Staff and the OCC each summarized their Answer Testimony using exhibits comparing the Company's proposed revenue requirement to the changes proposed by their respective organizations.

## 1 Staff's proposed revenue requirement was summarized by Dr. Shiao in his

## 2 Corrected Exhibit LYS-4:

Public Service Company of Colorado Calculation of Deficiency/Excess Electric Department

Docket No. 06S-234EG Corrected Exhibit LYS-4

Test Year 2005

Page 1 of 1

			Tuge For F
Dogovinskian	PSCo Original	Staff Duamagad	Difference
Description	Proposed	Staff Proposed	Difference
Revenue Deficiency/Excess			
1 Net CPUC Jurisdictional Rate Base	3,376,712,664	3,241,377,676	(135,334,988)
2			
3 Allowed Return on Rate Base	9.15%	8.25%	-0.90%
4			
5 Required Earnings	308,969,209	267,413,658	(41,555,551)
6			
7 Net CPUC Jurisdictional Operating	199,374,216	216,348,146	16,973,930
Earnings			·
8			
9 Deficiency / (Excess)	109,594,993	51,065,512	(58,529,480)
10		1	
11 Gross-up	1.62700225	1.62595431	(0.00104794)
12			
13 Revenue Increase / (Decrease)	178,311,300	83,030,190	(95,281,110)
14	, ,	. ,	
	1	_L	I

#### Rider Calculation

15 Retail Rate Revenue	843,010,546	846,880,268	3,869,722
16		†	
17 Less: Street Light Maintenance	2,251,108	2,251,108	
Revenue			
18 10 Diday Applicable Devenue	840.759.438	844,629,160	3,869,722
19 Rider Applicable Revenue	040,739,430	644,029,100	3,809,722
21 Rider	21.208%	9.830%	-11.378%

Note: Row  $5 = Row 1 \times Row 3$ 

Row  $13 = Row 9 \times Row 11$ 

Row 7 from DAB-1 Schedule 1 & Staff's Exhibit LYS-2, Expenses Row 9 = Row 5 - Row 7 Row 15 from DAB-1 Schedule 4 & Staff's Exhibit LYS-2, Revenues Row 21 = Row 13/ Row 19

Staff proposed GRSA Rider includes PSCo's corrections presented in its Supplemental Direct Testimony

- 1 The OCC summarized its recommended adjustments to the Company's proposed
- 2 revenue requirements in Dr. Schechter's Revised Exhibit PBS-1:

## **PUBLIC SERVICE COMPANY OF COLORADO**

Colorado Jurisdiction - Electric Department Reconciliation of OCC Issues Test Year Ended December 31, 2005 \$(000)

	(A)	(B)
1.	PSCo revenue deficiency as filed	\$178,311
	OCC adjustments:	
2.	Modify FERC production allocation factor	(662)
3.	Reduce ROE from 11.0% to 8.5%	(82,178)
4.	Revised revenue conversion factor	2
5.	Remove 2006 AFUDC on Comanche 3	(1,603)
6.	Remove 2006 Non-Comanche CWIP	(2,525)
7.	Correct M&S capitalized amount	(64)
8.	Cash working capital	(566)
9.	Reverse weather normalization adjustment	(3,876)
10.	Include RTD revenue	(1,412)
11.	Include oil & gas royalties	(2,026)
12.	Adjust rail car lease	(207)
13.	Adjust DSM employees	(216)
14.		(3)
15.	· · · · · · · · · · · · · · · · · · ·	(8,197)
16.	Reverse pensions & benefits adjustment	0
17.		(40,473)
18.	•	1,775
19.	Corrected Pawnee 2 and Metro Ash amortization	(1,038)
20.	(	(33)
21.	Rendering service charges	150
22.	Subtotal OCC adjustments	(\$143,152)
23.	OCC calculated revenue deficiency	\$35,159

In its Rebuttal Case filed on September 29, 2006, the Company updated its capital structure and projections of Comanche 3 CWIP, consistent with the terms of the Comprehensive Settlement Agreement dated December 3, 2004 in Dockets No. 04A-214E, 04A-215E, and 04A-216E, approved by Commission Decision No. C05-0049 (January 21, 2005) (the "2003 LCP Settlement"). The Company made other changes to reflect corrections or concessions to proposals advocated by the Parties.

A summary of the changes to the Company's base rate revenue requirement as

submitted in its Rebuttal Case is shown below:

8

Company's Filed Case	
1. Revenue Increase	\$178,311,300
Supplemental Direct Corrections -	
• •	(\$70.70C)
2. Labor Capitalization for M&S	(\$78,726)
3. Lead-Lag Factors	\$113,462
4. AQIR Revenue Credit	\$1,799,200
5. Amortization of Pawnee 2 & Metro Ash	(\$1,064,163)
6. Tax Gross-Up Factor	\$4,399
Rebuttal Testimony -	
7. Charges for Rendering Service	\$149,608
8. Railcar Lease	(\$207,603)
9. Postage	(\$2,687)
10. Out-of-Period	(\$25,071)
11. P&B- new Watson & Wyatt estimate	(\$2,425,345)
12. Capital Structure - 60% vs. 59.93%	\$205,224
13. Comanche 3 Update	(\$1,106,800)
14. Gain on Sale - Depreciation Reserve	(\$19,918)
15. Incremental DSM	(\$213,956)
16. Windsource - moved to ECA	(\$3,699,158)
17. Sub total	(\$7,345,706)
18. Final Revenue Increase	\$171,739,766

In addition, as part of its proposal for treatment of the Windsource program, the Company proposed recovering the Wind Benefit through the ECA instead of through base rates. The Wind Benefit for 2007 was projected to be \$4,618,374.

Subsequent to the filing of its Rebuttal Testimony, the Company invited all parties to this docket to participate in settlement discussions. Not all parties chose to participate in discussions. Settlement has been successfully reached among the signatories to this Settlement Agreement on all contested issues in this case. Other parties may elect to support, oppose or remain silent on this Settlement Agreement.

The Settling Parties have reached agreement as to a just and reasonable increase in the Company's base rate revenue. However, the Settling Parties do not necessarily agree among themselves as to the resolution of the rate case principles that make up the agreed-upon increase. Rather than continue to engage in litigation over rate case principles, the Settling Parties agree that this case should be resolved by agreement of a specific base rate revenue increase with a specific General Rate Schedule Adjustment ("GRSA"), without reaching agreement as to all the specific line items in the cost of service model that make up the settled increase. Because the settled base rate revenue increase is less than the level proposed by the Company and greater than the level proposed by other parties, a substantial record of evidence exists to support the settled number.

Because agreement has not been reached on all the rate case principles reflected in the competing cost of service models, the Settling Parties intend to minimize the number of new rate case principles that are reflected in the proposed settled base rate revenue increase. Other than the principles discussed in this

Settlement Agreement, the Settling Parties are not agreeing to the acceptance or rejection of any position raised by any party in filed testimony. However, due to the Company's accounting and reporting obligations, certain rate case principles will be specified in this Settlement Agreement. In addition, solely for accounting and reporting purposes, the Settling Parties agree that the rate case principles in effect prior to the filing of this Settlement Agreement shall continue to apply, except as modified by this Settlement Agreement.

The Settling Parties have also reached agreement on the base rates from which purchased capacity costs have been removed, the form of the Electric Commodity Adjustment ("ECA"), the form of the Purchased Capacity Cost Adjustment ("PCCA"), and the form of the Wind Energy Service Adjustment ("WESA") that should go into effect on January 1, 2007. The Settling Parties also agree to new tariffs for non-gratuitous charges and residential late payment fees. All Settling Parties specifically reserve the right to seek changes to any rate case principles in any subsequent regulatory proceeding dealing with Public Service's rates.

#### **PUBLIC INTEREST**

The Parties to this Settlement Agreement state that reaching agreement as set forth herein by means of a negotiated settlement rather than through a formal adversarial process is in the public interest, consistent with Commission Rule 1408 encouraging settlements and, therefore, the compromises and settlements reflected in this Settlement Agreement are in the public interest. The Parties further state that

- 1 approval and implementation of the compromises and settlements reflected in this
- 2 Settlement Agreement constitute a just and reasonable resolution of this proceeding.

#### SETTLEMENT

#### 3 1. Base Rate Revenue Increase

4 The Settling Parties agree that Public Service should be authorized to put into 5 effect, beginning January 1, 2007, a General Rate Schedule Adjustment of 12.70%. 6 The GRSA shall apply to all base rate elements on retail customer bills. Because the Settling Parties agree to the continuation of the PCCA, discussed later, the base 7 8 rates will not include any purchased capacity expense. A 12.70% GRSA represents 9 a \$107 million increase over test year base rate revenues. Attachment A sets forth 10 the average bill impacts by service class from this proposed GRSA and the 11 estimated effect of the rate adjustments discussed in this Settlement Agreement.

Attachment B sets forth the proposed electric tariffs. Attachment C sets forth the proposed gas tariffs. Certain tariff sheets contain numbers that are illustrative only and are marked "Illustrative." Where the tariff sheet is marked Illustrative, the Settling Parties have agreed to the form of tariff and to the method for determining rates. The Settling Parties have agreed that the Company shall file the rates under these tariffs using updated projected 2007 costs on or before December 1, 2006.

## 2. New Rate Case Principles Incorporated into the Base Rate Revenue

#### 19 Increase

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The following new rate case principles are incorporated into the compromise and settlement on the \$107 million base rate revenue increase.

#### A. Authorized Return on Equity

The authorized Return on Equity shall be 10.5%.

#### B. Capital Structure and Return on Rate Base

Pursuant to the 2003 LCP Settlement, the approved capital structure for the Company shall be 60% equity and 40% debt. The test year cost of debt is 6.38%. The resulting return on rate base is 8.85%, calculated as follows:

 Ratio
 Cost
 Weighted Cost

 Long Term Debt
 40.00%
 6.38%
 2.55%

 Common Equity
 60.00%
 10.50%
 6.30%

 Total
 100.00%
 8.85%

#### C. Depreciation Rates

The Company shall use the depreciation rates and remaining lives set forth by Mr. Camp in his Answer Testimony at page 12, line 9, through page 21, line 12, and in his Exhibit No. ELC-9, and by Ms. Perkett in her Exhibit No. LHP-1, Schedule 1 Hydraulic Production Plant and General Plant. These exhibits are attached as Attachment D. The Company shall include a footnote in its annual FERC Form 1 filing disclosing the non-legal asset retirement obligation portion of accumulated depreciation.

# D. AFUDC on Transmission Investment (other than transmission needed for Comanche 3)

Transmission investment that is not related to Comanche 3 (and is not considered "Comanche CWIP" under the 2003 LCP Settlement) shall be included in Construction Work in Progress with an AFUDC offset.

## E. Retail / Wholesale Jurisdictional Allocation of Capacity Costs

Retail/wholesale jurisdictional allocation for capacity costs (generation and transmission) will be determined using the 12 Coincident Peak (12 CP) method, except that the capacity sold under wholesale contracts that are for specific amounts of capacity (as opposed to wholesale contracts for full or partial requirements contracts) shall be directly assigned to the wholesale jurisdiction.<sup>1</sup> In addition, the wholesale load associated with the Cheyenne Light, Fuel & Power all-requirements contract shall be included in developing the production demand jurisdictional allocator.<sup>2</sup>

#### F. Comanche CWIP

In accord with the 2003 LCP Settlement, 2006 year-end Comanche Construction Work in Progress for generation and transmission shall be included in rate base without an AFUDC offset. AFUDC shall accrue on Comanche Construction Work in Progress for generation and transmission for all construction expenditures made through December 31, 2006, but will no longer accrue on these expenditures once rates take effect on January 1, 2007. In addition, for Comanche construction expenditures for generation and transmission made on or after January 1, 2007, AFUDC shall accrue until such time as these expenditures are included in effective rates without an AFUDC offset.

The wholesale contracts in the test year that are for specific amounts of capacity are contracts between Public Service and the Arkansas River Power Authority, the Municipal Energy Agency of Nebraska, and Aquila, Inc., respectively.

Due to the adoption of the production demand allocator, there will be no PCCA revenue credit.

#### G. Amortization of Certain Expenses

Pawnee 2, Metro Ash, and actual rate case expenses incurred through December 31, 2006 shall be amortized over two years. The gain on the sale of rail cars shall be netted with the actual one-time 2006 costs and shall be amortized over ten years. The actual one-time 2006 costs shall include actual additional lease expense incurred in 2006, actual delivery charges for leased railcars in 2006, and actual incremental coal handling O&M at Cherokee and Pawnee incurred in 2006. These amortizations will be recorded on the Company's books beginning January 1, 2007.

#### 3. Purchased Capacity Cost Adjustment

The Purchased Capacity Cost Adjustment shall continue but shall be revised beginning January 1, 2007 to recover all prudently-incurred costs paid by the Company under all power purchase agreements ("PPAs") that are not recovered through the Electric Commodity Adjustment. The ECA recovers fuel, purchased energy, and purchased wheeling expenses. The remaining costs paid under power purchase agreements are generally capacity-related costs, i.e., costs that do not vary with output from the generator. The PCCA will be designed as described by Company witness Mr. Darnell in his direct testimony at page 6, line 14, through page 8, line 13. The proposed form of PCCA tariff is included in Attachment B. The Company will project each November 1 the PCCA costs for the upcoming year, and such costs will be subject to true-up through a deferred account to compare actual PCCA costs with PCCA revenues. Interest shall not accrue on the PCCA deferred balance. The deferred balance as of September 30 of each year will factor into the

- 1 calculation of the subsequent year's rate. The PCCA shall be temporary and shall
- 2 expire at the earlier of rates taking effect after Comanche 3 goes into service or
- 3 December 31, 2010.

Public Service shall file by April 1 of each year for an annual review of the costs recovered through the PCCA during the just completed calendar year. Public Service's reporting requirements shall be limited to the actual PCCA costs incurred by month and by PPA, the PCCA revenues received by month from the prior calendar year, calculation of the PCCA deferred balance, identification of New PPAs, and the status of regulatory approvals, if any, of each PPA. "New PPAs" shall encompass all PPAs, and all contractual amendments or modifications to PPAs, where the new, amended or modified contract has not been included in any Commission-approved rate or has not been otherwise approved by the Commission. New PPAs may be reviewed for prudence of contract execution and contract terms in the first annual review in which the New PPA costs appear. The prudence of contract administration giving rise to the costs under review in any annual review proceeding may also be raised in that annual review proceeding.

#### 4. Electric Commodity Adjustment

Beginning January 1, 2007, the Electric Commodity Adjustment shall recover all prudently-incurred fuel, purchased energy and purchased wheeling expenses pursuant to the ECA tariff included in Attachment B. The ECA shall be forward-looking (subject to true-up through the use of a deferred account) and shall be filed every November 1 for the upcoming year. The annual filing shall project the ECA for the upcoming year and for the first calendar quarter. The ECA shall be updated

1 quarterly, using the projected fuel, purchased energy and purchased wheeling

2 expenses for the upcoming calendar quarter. The ECA shall continue to be

differentiated by service delivery voltage, but the class allocations proposed by

4 Public Service shall not be used.

There shall be no mandatory time-of-use ECA rate, but the Company shall offer an optional time-of-use ECA rate for all transmission and primary customers and for secondary customers with demands greater than 300 kw. The time-of-use rate design shall use the methodology shown on Attachment E. This time-of-use rate design is based on the ratio of the projected average marginal costs for the on-peak and off-peak periods, updated annually in the Company's November ECA filing. Public Service shall provide an assessment of the optional time-of-use program to the Settling Parties on or before July 1, 2008.

Interest shall accrue monthly on the average calendar month deferred balance (whether the balance is positive or negative). The monthly interest rate shall be the average of the rate for Dealer Commercial Paper (90 day rate) as published daily in the Wall Street Journal under Money Rates.

In addition to the recovery of prudently incurred fuel, purchased energy and purchased wheeling expenses, the Company shall have the opportunity to earn two incentive payments each year in its utility operations. These annual incentive payments shall be calculated at calendar year end and shall be paid on April 1 of the subsequent year by adjustments to the ECA deferred balance as set forth in the ECA tariff. The total incentive payment to the Company in any calendar year shall not exceed \$11.25 million.

The first incentive shall be the Base Load Energy Benefit or "BLEB" to encourage efficient operation of base load coal plants. Under the BLEB, if the Company succeeds in obtaining coal production greater than a benchmark target, then the savings from the coal production over the benchmark will be shared 80% to customers and 20% to the Company. The BLEB formula shall be as set forth in the ECA tariff. The BLEB formula is the Company's proposal in this Docket with the following changes:

- The benchmark shall be the greater of the average annual coal production from Company-owned coal-fired power plants for the most recent three calendar years, or 18,300 GWH. The BLEB benchmark will be reset when the Company brings on line a new coal plant, including an Integrated Gasification Combined Cycle plant.
- The calculated heat rate in the BLEB formula shall be the actual heat rate from the prior calendar year of all natural gas-fired generation, either owned by the Company or under long-term PPAs.

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The second incentive shall be the Energy Purchase Benefit or "EPB" to encourage cost reductions through purchases of economical short-term energy. The EPB shall be as proposed by Mr. Imbler in his direct testimony on page 16, lines 4 through 22 and his Exhibit TAI-6, with \$6.7 million in energy purchase savings before an incentive is earned, except that the sharing shall be 80% to customers and 20% to the Company.

The Company shall continue to file by August 1 of each calendar year for an annual review of the ECA costs. Public Service's reporting requirements shall be

- 1 limited to the actual fuel, purchased energy and the purchased wheeling expenses
- 2 incurred by month; ECA revenues received by month; calculation of the ECA
- 3 incentives; the trading margins from the prior year; and any other information
- 4 previously required by Commission order.

#### 5. Short Term Energy Trading

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Short term energy trading shall continue under all the terms and conditions set forth in the Settlement Agreement approved in Docket No. 02S-315E (Public Service's last Phase 1 rate case), under the business rules approved by the Commission in the subsequent trading investigation Docket No. 04A-050E, and as modified by Commission orders in Docket No. 05A-161E and the Settlement Agreement filed in Docket No. 06A-015E. The only change to these terms and conditions shall be the sharing of the "Gross Margins," as that term is defined in footnote 43 of the Settlement Agreement in Docket No. 02S-315E. Public Service shall share with customers the retail jurisdictional share of aggregated annual positive Gross Margins over and above \$1,023,070 from each of the Generation Book ("Gen Book") and the Proprietary Book ("Prop Book"). The sharing percentages of aggregated annual positive Gross Margins shall be: Gen Book 80% to customers and 20% to the Company; Prop Book 20% to customers and 80% to the Company. These aggregated annual Gross Margins shall be calculated at calendar year end and shall be paid to customers on April 1 of the subsequent year as set forth in the ECA tariff. If the aggregated annual Gross Margins in either book are negative, such losses may not be recovered from retail customers. Should the aggregated annual Gross Margins in either of the Gen Book or Prop Book fall below

- 1 \$1,023,070, the Company shall not recover the shortfall from retail customers. This
- 2 Settlement Agreement is allowing the Company to recover one-half of trading
- 3 A&G/O&M expenses from the Gen and Prop Books prior to sharing Gross Margins
- 4 with retail customers.<sup>3</sup> The changes to sharing of trading margins are set forth in the
- 5 proposed ECA tariff in Attachment B.

#### 6. Non-gratuitous charges

- 7 The settled tariffs concerning non-gratuitous charges are included in
- 8 Attachments B and C.

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#### 7. Residential late payment fee

- The Company shall be permitted to charge a late payment fee to residential
- 11 customers. The residential late payment fee shall be 1% per month applied to all bill
- 12 balances that are not paid by the billing date shown on the next bill. Upon customer
- 13 request, the Company shall forgive a late payment fee, but not more frequently than
- 14 once in any twelve month period. The proposed tariffs imposing the residential late
- payment fee are included in Attachments B and C.

#### 16 8. Windsource

- 17 Except as discussed in this Settlement Agreement, the Wind Energy Rate
- 18 that is incorporated into the Wind Energy Service Adjustment ("WESA") shall be
- 19 calculated and designed as discussed by Mr. Darnell in his Rebuttal Testimony. The
- 20 proposed form of WESA tariff is included in Attachment B. The projected avoided
- 21 costs created by the Windsource generation shall be calculated using the ProSYM

<sup>\$1,023,070</sup> represents 25% of the retail jurisdictional share of the 2005 test year administrative and general and non-production operation and maintenance expenses of the Company's trading department.

analysis methodology described by Company witness Mr. Horneck in his Direct Testimony and updated in his Rebuttal Testimony. The Wind Energy Rate shall be calculated using the method set forth on Company witness Mr. Darnell's Rebuttal Exhibit RND-10, page 1. Exhibit RND-10, page 1 is attached to this Settlement Agreement as Attachment F. The projected avoided costs of the Windsource generation shall be added to the ECA as the "Wind Benefit." There shall be an annual projection of the Windsource stand-alone revenue requirement using a return on rate base of 8.85%. The incremental cost of Windsource (the stand-alone Windsource revenue requirement less the Wind Benefit) shall be used to design the Wind Energy Rates used in the WESA. The Wind Energy Rates shall be designed assuming full subscription of Windsource generation projected for the upcoming year. No ECA shall be paid on the kilowatt hours of Wind Energy Service.

There shall be an annual true-up calculation of the Wind Benefit that was projected in the ECA using the method set forth in this Settlement Agreement. The true-up calculation shall be filed by April 1 of each year. The ProSYM model runs used to project the avoided energy cost prior to start of the year shall be preserved and shall be rerun using the actual gas prices from the prior period instead of the projected gas prices. The avoided energy cost per kilowatt hour shall be multiplied by the actual wind production from the prior period to determine the actual Wind Benefit from the prior period. The difference between the projected and the actual Wind Benefit (positive or negative) shall be reflected in the ECA deferred balance. Whenever an adjustment is made to the Wind Benefit in the ECA deferred balance,

The interest expense used to determine the stand-alone Windsource revenue requirement shall be 2.55%.

- 1 a countervailing adjustment shall be made to the incremental wind cost, such that
- 2 the countervailing adjustment is included in the calculation of the next year's Wind
- 3 Energy Rates. Notwithstanding the foregoing, if the true-up to the Wind Benefit
- 4 divided by the Windsource kilowatt hours is less than a penny per kilowatt hour, then
- 5 no true-up shall be made to ECA deferred balance or to the Wind Energy Rates. If
- 6 required, the ECA deferred balance and the Wind Energy Rate adjustment shall take
- 7 effect on July 1 of each year.
- 8 Public Service agrees to conduct roundtable discussions to obtain input from
- 9 interested persons for development of environmentally friendly products in addition
- 10 to Windsource and for improving Windsource, particularly to address the
- 11 subscription wait-list.

#### 12 9. Miscellaneous

- 13 A. Imputed debt. This Settlement Agreement does not resolve the dispute
- 14 raised in this docket with respect to imputed debt.
- 15 B. Future rate cases. If the Company plans to file a subsequent rate case
- 16 using a future test year, at least 60 days in advance of its rate case filing the
- 17 Company shall notify the Settling Parties and shall submit to Staff and the OCC its
- 18 sales forecast, including all supporting data and assumptions.<sup>5</sup> Also, the Company
- 19 shall file historic test year data with pro forma adjustments in the next electric rate
- 20 case where the Company is relying on a future test year.

This information shall be made available to other interested persons upon request, except that Confidential individual customer load forecasts shall not be supplied.

#### **IMPLEMENTATION**

The Settling Parties agree that the rate and tariff changes resulting from this Settlement Agreement should be approved by the Commission to become effective January 1, 2007. Upon a final Commission order approving this Settlement Agreement in all material respects, Public Service shall file with the Commission amended advice letters to place into effect revised tariff sheets in the form reflected in the Attachments to this Settlement Agreement to become effective January 1, 2007. Public Service shall update its cost projections for the ECA, PCCA, and WESA and file them with the Commission on or before December 1, 2006 to take effect on January 1, 2007.

#### **GENERAL TERMS AND CONDITIONS**

The Settling Parties agree that all pre-filed testimony and exhibits shall be admitted into evidence in this docket without cross-examination by the Settling Parties. This Settlement Agreement reflects compromise and settlement of all issues raised or that could have been raised by the Settling Parties in this Docket. This Settlement Agreement shall be filed as soon as possible with the Commission for Commission approval.

This Settlement Agreement shall not become effective until the issuance of a final Commission Order approving the Settlement Agreement, which Order does not contain any modification of the terms and conditions of this Settlement Agreement that is unacceptable to any of the Settling Parties. In the event the Commission modifies this Settlement Agreement in a manner unacceptable to any Settling Party, that Settling Party shall have the right to withdraw from this Agreement and proceed

to hearing on the issues that may be appropriately raised by that Settling Party in this docket. The withdrawing Settling Party shall notify the Commission and the Settling Parties to this Agreement by e-mail within three business days of the Commission modification that the party is withdrawing from the Settlement Agreement and that the party is ready to proceed to hearing; the e-mail notice shall designate the precise issue or issues on which the party desires to proceed to

7 hearing (the "Hearing Notice").

The withdrawal of a Settling Party shall not automatically terminate this Agreement as to the withdrawing party or any other party. However, within three business days of the date of the Hearing Notice from the first withdrawing party, all Settling Parties shall confer to arrive at a comprehensive list of issues that shall proceed to hearing and a list of issues that remain settled as a result of the first party's withdrawal from this Settlement Agreement. Within five business days of the date of the Hearing Notice, the Settling Parties shall file with the Commission a formal notice containing the list of issues that shall proceed to hearing and those issues that remain settled. The Settling Parties who proceed to hearing shall have and be entitled to exercise all rights with respect to the issues that are heard that they would have had in the absence of this Settlement Agreement.

Hearing shall be scheduled on all of the issues designated in the formal notice filed with the Commission as soon as practicable. In the event that this Agreement is not approved, or is approved with conditions that are unacceptable to any Settling Party who subsequently withdraws, the negotiations or discussions undertaken in conjunction with the Agreement shall not be admissible into evidence

in this or any other proceeding, except as may be necessary in any proceeding to enforce this Settlement Agreement.

Approval by the Commission of this Agreement shall constitute a determination that the Agreement represents a just, equitable and reasonable resolution of all issues that were or could have been contested among the Settling Parties in this proceeding.

All Parties specifically agree and understand that this Settlement represents a negotiated settlement in the public interest with respect to the various Public Service rate matters and terms and conditions of service for the sole purpose of the settlement of the matters agreed to in this Settlement. Nothing in this Settlement Agreement shall preclude the Company from seeking prospective changes in its electric rates by an appropriate filing with the Commission. Nothing in this Settlement Agreement shall preclude any other party from filing a Complaint or seeking an Order to Show Cause to obtain prospective changes in the Company's electric rates.

The Settling Parties to this Agreement state that reaching agreement in this docket as set forth in this Agreement by means of a negotiated settlement is in the public interest and that the results of the compromises and settlements reflected by this Agreement are just, reasonable and in the public interest.

The Settling Parties understand that this Settlement Agreement will not be executed by all parties to this docket. The Settling Parties agree to reasonably defend this Settlement Agreement before the Commission against challenges that may be made by non-executing parties.

- 1 This Agreement may be executed in counterparts, all of which when taken
- 2 together shall constitute the entire Agreement with respect to the issues addressed
- 3 by this Agreement.
- 4 Dated this 20<sup>th</sup> day of October, 2006.

# PUBLIC SERVICE COMPANY OF COLORADO

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## **CERTIFICATE OF SERVICE**

I hereby certify that on the 20<sup>th</sup> day of October 2006, the original and seven (7) copies of the foregoing **SETTLEMENT AGREEMENT** were filed via hand delivery on:

Doug Dean, Director Colorado Public Utilities Commission 1580 Logan, OL2 Denver, CO 80203

and copies were hand-delivered, emailed or sent via U. S. Mail, postage pre-paid to:

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Page 1 of 3

Public Service Company of Colorado Electric Department Total Customer Impact Study 2006 Rate Case Rates Existing Rates - Direct Case Rates - Settled Case Rates

Customer Class	Existing	Direct Case Proposed	Settled Case Proposed	Monthly Average	Moi	Monthly Existing	Monthly Direct Case		Monthly Settled Case	× ×	Monthly Difference Settled - Existing	S A	Monthly Difference Settled - Direct Case	erence of Case
		2181												
egu	\$ 6.25	\$ 6.25	\$ 6.25		€	6.25	₩,		\$ 6.25	- \$		€9	<b>š</b> ;	
Subtotal  GRSA	\$ 0.04453	\$ 0.03153	\$ 0.03153	625 KWN	S	34.08	\$ 25	25.96	3.30	€5	(8.12) 3.30	₩	(2.21)	
Base Rale Amount					မာ	34.08	\$ 31		\$ 29.26	49	(4.82) -14.14%	€9	(2.21)	-7.02%
DSMCA (a) S/kWh	\$ 0.00062	\$ 0.00062	\$ 0.00062		69 6	0.39	↔ •	0.39	5 0.39	<i></i> .	, e	•••	0.24	
condary (b) (c)	\$ 0.03274	\$ 0.03274	\$ 0.03291		• • • • 	20.46	14		\$ 20.57	• • •	0.11	· • •	0.11	
ate Adjustment					69	21.76	(,			69	9.14 42.00%	-	0.35	1.15%
Total Bill Subtotal					<del>69</del>	55.84	\$ 62	62.02	\$ 60.16	€7	4.32 7.74%	<del>69</del>	(1.86)	-3.00%
RESA	0.60%	0.60%	0.60%		69	0.34	€	0.37	\$ 0.36	₩.			(0.01)	
Total Bill					89	56.18	\$ 62	62.39	\$ 60.52	\$	4.34 7.73%	<del>63</del>	(1.87)	-3.00%
Service and Facility Charge \$Mo.	\$ 7.85	\$ 7.85	\$ 7.85	1 025 LWh	€9	7.85	\$ 7.	7.85	\$ 7.85 31.98	€9	(13 89)	€9		
	0.00%	21.21%	·	070,	↔	53.72	56 -\$-		\$ 39.83	69	(13.89) 5.06	မာ	(3.39)	
Base Rate Amount					S	53.72	\$ 48	48.28	\$ 44.89	€9	(8.83) -16.44%	€9	(3.39)	-7.02%
DSMCA (a) \$/KWh	\$ 0.00065	\$ 0.00065	\$ 0.00065		↔ •	0.67				<b>↔ •</b>	. 15.51	<b></b>	0.44	
ECA - Secondary (b) (c) \$/kWh	\$ 0.03274	\$ 0.03274			• •• •	33.56 1 23	****		33.73	<b>69</b> 69	0.17		0.17	
Subtotal Base Rate Adjustments			1	annere e ville — de de companda de describiblishes de describiblishes de describiblishes de describiblishes de	8	35.75		50.82	2	€9	15.68 43.86%	-	0.61	1.20%
Total Bill Subtotal					€9	89.47	\$	99.10	\$ 96.32	<del>69</del>	6.85 7.66%	φ,	(2.78)	-2.81%
RESA	0.60%	%09.0	0.60%	:	69	0.54				\$	1	$-\parallel$	(0.01)	
Total Bill					67	90.01	\$ 66	99.69	\$ 96.90	€9	6.89 <b>7.65%</b>	S	(2.79)	-2.80%

Footnotes: (see page 3)

Public Service Company of Colorado Electric Department Total Customer Impact Study 2006 Rate Case Rates Existing Rates - Direct Case Rates - Settled Case Rates

ary General - Schedule SG         \$ 25.00         \$ 25.00         \$ 25.00         \$ 25.00         \$ 25.00         \$ 25.00         \$ 25.00         \$ 25.00         \$ 25.00         \$ 25.00         \$ 25.00         \$ 25.00         \$ 27.00         kWh         \$ 1007.80<	<u></u>	Existing	Direct Case Settled Case Proposed Proposed	Settled Case Proposed	Monthly Average	Monthly Existing		Monthly Direct Case Rill	Settl	Monthly Settled Case	Month Settle	Monthly Difference Settled - Existing \$		Month Settled \$	Monthly Difference Settled - Direct Case \$	rence t Case
Mo.       \$ 25.00       \$ 25.00       \$ 25.00       \$ 25.00       \$ 25.00       \$ 25.00       \$ 25.00       \$ 25.00       \$ 25.00       \$ 27.00		2) 8	a a constant		o Rusco											
ity Charge \$/Mo. \$ 25.00 \$ 25.00 \$ 1.37% L.F. \$ 25.00 \$ 5 1.37% L.F. \$ 25.00 \$ 27.00 kWh \$ 77.76 \$ 27.00 kWh \$ 12.70% L.F. \$ 27.00 kWh \$ 12.70% L.F. \$ 27.00 kWh \$ 20.007.80 \$ 2 1.37% L.F. \$ 27.00 kWh \$ 20.007.80 \$ 2 1.37% L.F. \$ 27.00 kWh \$ 20.007.80 \$ 2 1.37% L.F. \$ 27.00 kWh \$ 20.007.80 \$ 2 1.37% L.F. \$ 27.00 kWh \$ 27.12% L.F. \$ 27.00 kWh \$ 27.00 kWh \$ 20.007.20 \$	ral - Schedule SG															
\$KWh         \$ 0.00288         \$ 0.00288         \$ 0.00288         \$ 0.00288         \$ 77.76           Winter         \$KW         \$ 12.57         \$ 8.40         \$ 8.40         \$ 72.00 kW         \$ 905.04         6 905.04         6 905.04         6 905.04         6 905.04         6 905.04         6 905.04         6 905.04         7 .007.80         5 1,007.80 </td <td></td> <td>25.00</td> <td>\$ 25.00</td> <td>\$ 25.00</td> <td>51.37% L.F.</td> <td>\$ 25</td> <td>00</td> <td>\$ 25.00</td> <td><del>69</del></td> <td>25.00</td> <td>↔</td> <td></td> <td></td> <td>↔</td> <td>,</td> <td></td>		25.00	\$ 25.00	\$ 25.00	51.37% L.F.	\$ 25	00	\$ 25.00	<del>69</del>	25.00	↔			↔	,	
Winter \$KW \$ 12.57 \$ 8.40 \$ 8.40   72.00 kW   905.04   6    0.00% 21.21% 12.70% \$ 1,007.80 \$ 7    11  \$\$SKW \$ 0.20 \$ 0.20 \$ 0.20 \$ 14.40 \$ 1.576 \$ 3    \$\$SKW \$ 0.08 \$ 4.52 \$ 4.65 \$ 5    \$\$SKW \$ 0.08 \$ 0.03274 \$ 0.03291 \$ 1.007.80 \$ 1    \$\$SKW \$ 0.08 \$ 0.00120 \$ 0.00120 \$ 0.00120 \$ 0.00120 \$ 1.240 \$ 1.250 \$ 1.240 \$ 1.250 \$ 1.240 \$ 1.250 \$ 1.	\$/kWh	0.00288	\$ 0.00288	\$ 0.00288	27,000 kWh	77	.76	77.76		77.76						
\$\text{striction}\$  \text{alignments}		12.57	\$ 8.40	\$ 8.40	72.00 kW	306 80	9	604.80		604.80	(30	(300.24)	-			
skw \$ 0.20 \$ 0.20 \$ 0.20 \$ 14.40 \$ 3 5.00 \$ 0.20 \$ 5.00 \$						\$ 1,007		\$ 707.56	₩	707.56	30 (30	(300.24)		₩	1	0.00%
\$\text{strw}\$ \$ 0.20 \$ 0.20 \$ 0.20 \$ 1,007.80 \$ 8 \$ \text{\$\frac{5}{4}\$\text{\$\e		0.00%	21.21%	12.70%				150.07		89.86	ω	89.86		<b>)</b>	60.21)	
\$\text{\$skW}\$ \$ 0.20 \$ 0.20 \$ 0.20 \$ \$ 14.40 \$ \$ 3 \$ \$\text{\$skW}\$ \$ 0.08 \$ 4.52 \$ 4.65 \$ \$ 5.76 \$ 3 \$ 5.76 \$ \$ 3 \$ \$\text{\$skWh}\$ \$ \$0.03274 \$ \$0.03291 \$ \$ 883.98 \$ 8 \$ 32.40 \$ \$ \$\text{\$skWh}\$ \$ \$0.00120 \$ \$0.00120 \$ \$0.00120 \$ \$ 0.00120 \$ \$ 1.944.34 \$ \$ 2.1	lur					\$ 1,007		857.63	€>	797.42	\$ (21	(210.38) -20.88%	%8;	\$	(60.21) -7.02%	-7.02%
\$\sqrt{k}\text{K}\text{S} & 0.20 \ \sqrt{\$} & 0.03 \ \sqrt{\$} & 0.001 \ \sqrt{\$} &	• • •								,		,			•		
\$ \( \frac{\psi kkWh}{\psi} \) \( \frac{\psi kkWh}{\psi \psi \psi \psi \psi \psi \psi \psi	s/kW	0.20	\$ 0.20	\$ 0.20		\$	9	14.40	63	14.40	643	ī		, .	1	
(b) (c) \$fkWh \$ 0.03274 \$ 0.03294 \$ 883.98 \$ 8 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$/kW \$	0.08	\$ 4.52	\$ 4.65		₩? <del>\$</del>	9/	325.44	49	334.80	\$	329.04		₩.	9.36	
\$ \$ 32.40 \$ 12.40 \$ 0.0012	\$/kWh	.03274	\$ 0.03274	\$ 0.03291		\$ 883	86.	883.98	•	888.57	<b>⇔</b>	4.59		s,	4.59	
te Adjustments \$ 936.54 \$ 1,2 \$ 1,244.34 \$ 2,1	\$/kWh	.00120	\$ 0.00120	\$ 0.00120		\$ 32	40	32.40	↔	32.40	↔		_	S		
\$ 1,944.34 \$ 2,1						\$ 936	54	1,256.22	<del>69</del>	1,270.17	\$ 33	333.63 35.62%	7%	<del>69</del>	13.95	1.11%
						\$ 1,944	.34	2,113.85	€9	2,067.59	\$ 12	123.25 6.3	6.34%	° \$	(46.26) -2.19%	-2.19%
0.60%		0.60%	0.60%	0.60%		<del>s</del>	11.67	12.68	. ↔	12.41	\$	0.74		s	- 1	
Total Bill \$ 1,956.01 \$ 2,128								2,126.53	\$	2,080.00	\$ 12	123.99 6.3	6.34%	÷	(46.53)	-2.19%

Primary General - Schedule PG	9										
Service and Eacility Charge	\$/Mo	\$ 130.00	\$ 130.00	\$ 130.00	64.89% L.F.	\$ 130.00	\$ 130.00	\$ 130.00	· •>	€9	ı
Frence and Lacres	S/kWh	\$ 0.00282		\$ 0.00282	450.000 kWh	1.269.00	1,269.00	1,269.00			
Demand Charge - Winter	\$/kw	\$ 11.44		,	950.00 kW	10,868.00	6,849.50	6,849.50	(4,018.50)		•
Subtotal						\$ 12,267.00	\$ 8,248.50	\$ 8,248.50	\$ (4,018.50)	€9	%00 <sup>°</sup> 0 -
GESA		%00 U	21.21%	12.70%	_		1,749.51	1,047.56	1,047.56		(701.95)
Base Rate Amount						\$ 12,267.00	\$ 9,998.01	\$ 9,296.06	\$ (2,970.94) -24.22%	\$	(701.95) -7.02%
		-									
CONSU	6/1/1/	9	010	010	_	\$ 180.50	\$ 180.50	\$ 180.50	•	<b>\$</b>	•
COMOC (a)	A 4 / 6	- ·	2 4	9 6		16.00	4 227 50	4 354 00	\$ 4275.00	49	123.50
PCCA (8)	\$/KW	80.0	4.43	4.08		00.00	4 4,441.30				10 10
ECA - Primary (b) (c)	S/kWh	\$ 0.03191	\$ 0.03191	\$ 0.03208		\$ 14,359.50	\$ 14,359.50	\$ 14,436.00	\$ 76.50	A	00.07
AOID Group 2	£/4/4/	270	0.45	370		\$ 427.50	\$ 427.50	\$ 427.50	, 69	s	•
Subtotal Base Rate Adjustments	ıts			2		\$ 15,043.50	\$ 19,195.00	\$ 19,395.00	\$ 4,351.50 28.93%	es.	200.00 1.04%
Total Bill Subtotal	_					\$ 27,310.50	\$ 29,193.01	\$ 28,691.06	\$ 1,380.56 5.06%	49	(501.95) -1.72%
		•	6	i d	_	4 000000	475.46	120 00 0 175 15 C 172 15	800	(A)	(3.01)
RESA	The second second	0.60%	0.60%	%09'0		00.00	01.00.10	# 20 000 04	C 1 288 85 5 06%		(504 96) -1.72%
Total Bill						\$ 27,474.36	\$ 29,368.17	\$ 28,603.21	١	,	/22:12

Footnotes: (see page 3)

Public Service Company of Colorado Electric Department Total Customer Impact Study 2006 Rate Case Rates Existing Rates - Direct Case Rates - Settled Case Rates

		Direct Case	Settled Case	Monthly	Monthly	Monthly	Monthly	Monthly Difference	Monthly Difference
ustomer Class	Existing	Proposed	Proposed	Average	Existing	Direct Case	Direct Case Settled Case	Settled - Existing	Settled - Direct Case
	Rate	Rate	Rate	Usage	8	Bii	::B	% •	% \$

Transmission General - Schedule TG	tule TG										
Service and Facility Charge	\$/Mo.	\$ 9,362.00	\$9,362.00	\$ 9,362.00	67.23% L.F.	\$ 9,362.00	\$ 9,362.00	\$ 9,362.00	•	, .s	
Energy Charge	\$/kWh	\$ 0.00276	\$ 0.00276	\$ 0,00276	9,000,000 kWh	24,840.00	24,840.00	24,840.00	r	•	
Demand Charge - Winter	\$/kW	\$ 8.61	\$ 4.47	\$ 4.47	18,338 kW	157,890.18	81,970.86	81,970.86	(75,919.32)	1	
Subtotal						\$192,092.18	\$116,172.86	\$116,172.86	\$(75,919.32)	- €9	%00.0
GRSA		0.00%	21.21%	12.70%		•	24,640.26	14,753.95	14,753.95	(9,886.31)	
Base Rate Amount						\$192,092.18	\$140,813.12	\$130,926.81	\$(61,165.37) -31.84%	\$ (9,886.31) -7.02%	-7.02%
DSMCA (a)	\$/kW	\$ 0.19	\$ 0.19	\$ 0.19		\$ 3.484.22	\$ 3.484.22	\$ 3.484.22	· 69	, •	
PCCA (b)	\$/kW	\$ 0.08	\$ 4.35	\$ 4.47		\$ 1,467.04	\$ 79,770.30	\$ 81,970.86	\$ 80,503.82	\$ 2,200.56	
ECA - Transmission (b) (c)	S/kWh	\$ 0.03118	\$ 0.03118	\$ 0.03135		\$280,620.00	\$280,620.00	\$282,150.00	\$ 1,530.00	\$ 1,530.00	
AQIR - Group 2	\$/kw	\$ 0.45	\$ 0.45	\$ 0.45		\$ 8,252.10	\$ 8,252.10	\$ 8,252.10	, 49	, 5	
Subtotal Base Rate Adjustments	ıts					\$293,823.36	\$372,126.62	\$375,857.18	\$ 82,033.82 27.92%	\$ 3,730.56	1.00%
Total Bill Subtotal						\$485,915.54	\$512,939.74	\$506,783.99	\$ 20,868.45 4.29%	\$ (6,155.75) -1.20%	-1.20%
RESA		0.60%	0.60%	0.60%		\$ 2,915.49	\$ 2,915.49 \$ 3,077.64 \$ 3,040.70	\$ 3,040.70	\$ 125.21	\$ (36.94)	
Total Bill						\$488,831.03	\$516,017.38	\$509,824.69	\$ 20,993.66 4.29%	\$ (6,192.69) -1.20%	-1.20%

# Footnotes:

- (a) The DSMCA rate is the rate that was in effect at the time that the Company filed its direct case.
- The ECA and PCCA rates are illustrative only. The Company will update its projections of 2007 costs and tile new PCCA and ECA rates on or before December 1, 2006. (q)
- The ECA rates for the existing rate, the direct case, and the settled case reflect the Company's most recent projections for 2007 fuel, purchased energy and purchased wheeling expense. The ECA rate for the settled case also includes the Company's most recent projection of the 2007 wind benefit. None of the ECA rates include an estimate of either short term sales margins or ECA incentives. (3)

## ATTACHMENT B

PUBLIC SERVICE COMPANY OF COLORADO	PGE/3113/
	Sheet No4
P.O. Box 840 Denver, CO 80201-0840	Cancels Sheet No.

	<del></del>
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P	GE/31	11	3/	43
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	Sheet No
P.O. Box 840 Denver, CO 80201-0840	Cancels Sheet No.

#### RESERVED FOR FUTURE FILING INDEX The following sheets are blank and reserved for future filing: Colorado P.U.C. Sheet No. Colorado P.U.C. Sheet No. Sub. Fourth Revised 46 Second Revised 14 Sub. Third Revised 46A Second Revised 16-19 Sub. Third Revised 46B Original 24 Sub. Second Revised 46C Original 27-29 Second Revised 46D Fourth Revised 31 First Revised 46E Sub. Original 31A Sub. Sixth Revised 48 Sub Original 31B Sub. First Revised 48A Fourth Revised 32 Sub. First Revised 48B Second Revised 32A Sub. First Revised 48C Sub. Original 32B Third Revised 48D Sub. First Revised 34 Sub. First Revised 49 Sub. Original 34A Third Revised 49A Sub. Original 34B Sub. First Revised 49B Sub Original 34C Sub. First Revised 49C Sub. Second Revised 35C Sub. First Revised 49D Fifth Revised 42 Sub. First Revised 49E Sub. Fourth Revised 42A Sub. First Revised 49F Sub. Third Revised 42B Original 50-51 First Revised 42C First Revised 52B First Revised 42D Fourth Revised 53 Sub. First Revised 43B Sub. First Revised 53A Sub. First Revised 43C Sub. First Revised 53B Sub. Second Revised 44B Sub. First Revised 53C Fourth Revised 44C 2<sup>nd</sup> Sub. Second Revised 54 Sub. Third Revised 44D Sub. Second Revised 54A Sub. Second Revised 44E Sub. Second Revised 54B Sub. Second Revised 44F Fourth Revised 54C Sub. Second Revised ~ 44G Sub. Fifth Revised 54D Sub. Second Revised 44H Sub. Fourth Revised 54E Sub. Third Revised 44I Sub. Third Revised 54F Sub. First Revised 44J Sub. Third Revised 54G 2<sup>nd</sup> Sub. Fifth Revised 45 Sub. Fourth Revised 54H Sub. Third Revised 45A Sub. Third Revised 54I Sub. Third Revised 45B Sub. Third Revised 45C Fifth Revised 45D Sub. First Revised 45E

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DECISION NUMBER		VICE PRESIDENT, Policy Development	EFFECTIVE DATE	January	•	2007

Sheet No

P.O.	Box 840	
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First Revised

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 Sheet No
Cancels
 Sheet No.

#### RESERVED FOR FUTURE FILING INDEX The following sheets are blank and reserved for future filing: Colorado P.U.C. Sheet No. Colorado P.U.C. Sheet No. Sub. Fourth Revised R78A Sub. First Revised 70D Second Revised 70E Sub. Second Revised R78B First Revised Sub. First Revised 70F R79 Sub. Third Revised 71 Original R84-R99 Sub. Third Revised 71A Original R105-R109 R126-R139 Sub. Second Revised 71B Original Sub. Third Revised First Revised P11-P116 71C Sub. Second Revised 71D Sub. First Revised 71E Second Revised 71F Sub. First Revised 71G Original 72 - 753<sup>rd</sup> Sub. First Revised 78 Third Revised 78A 3<sup>rd</sup> Sub. First Revised 78B 3<sup>rd</sup> Sub. First Revised 78C 3<sup>rd</sup> Sub. First Revised 78D Sub. Second Revised 79 Original 82-84 First Revised 85C First Revised 88C Second Revised 93-99 Original 102 Twenty-second Revised 103 First Revised 105I Sub. First Revised 106A Fourth Revised 109 Sixth Revised 109A Sixth Revised 109B Twelfth Revised 109C Fourth Revised 111G

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114A

114B

R4-R7

R16-R19

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R50-R59

ADVICE LET NUMBER	ITER		ISSUE DATE		
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Sheet No. 25 PGE/3113/45

	Direct No.	
P.O. Box 840	Cancels	
Denver, CO 80201-0840	Sheet No.	

ELECTRIC RATES	RATE	
ELECTRIC SERVICE		
SCHEDULE OF CHARGES FOR RENDERING SERVICE		
To institute or reinstitute electric service requiring a premise visit	\$ 33.00	
To institute or reinstitute both gas and electric service requiring a premise visit	67.00	
To provide a non-regularly scheduled final meter Reading at customers request	15.00	
To transfer service at a specific location from one customer to another customer where such service is continuous, either electric service or both electric and gas service at the same time not requiring a premise visit	8.00	•
To perform non-gratuitous labor for service work, not specified below, (not including appliance repair and premium power) in addition to charges for materials, is as follows:		
Trip Charge	34.00	
For service work during normal working hours per man-hour	66.00 66.00	
through Saturday. The overtime rate shall be, per man-hour	81.00 81.00	
(Continued on Sheet No. 25A)		

ADVICE LETTER NUMBER		ISSUE DATE	
DECISION MI MARED	VICE PRESIDENT,	EFFECTIVE	January 1, 2007

PGE/3113/46 **Sheet No.** 25A

P.O. Box 840 Denver, CO 80201-0840		icels et No	
ELECTRIC RATES		RATE	
ELECTRIC SERVICE			
SCHEDULE OF CHARGES FOR RENDER:	ING SERVICE		
When such service work is perform holidays, per man hour Minimum Charge, one hour		95.00 95.00	I
When customer requests one or more of gratuitous services listed below to be specified by the customer that is difficompany would ordinarily schedule the performed, such service(s) will be chargovertime rates.	performed at a time ferent from when the e service(s) to be		N N N N N N
Specific non-gratuitous services:			
Holding poles, minimum 4 hours  Each additional hour  Line Covering - Primary, minimum 3 ho Each additional hour  Line Covering - Secondary, minimum 2 Each additional hour  Relocate Overhead Loop, minimum 2 hou Each additional hour  Connect/Reconnect Loop Charge, minimum Each additional hour  Transformer opening, minimum 1 hour  Each additional hour  Meter Set Correction (unauthorized classed hour)  Each additional hour  Replace Customer Fuses, minimum ½ hr. Each additional hour  To process a check from a customer the Company by the bank as not payable	urs	\$563.00 141.00 702.00 234.00 275.00 138.00 151.00 75.00 143.00 75.00 34.00 67.00 34.00 67.00	IIIIIIIIII IIII I
(Continued on Sheet N	(o. 25R)		
(Continued on Sheet N	. 235)		
ADVICE LETTER NUMBER	ISSUE DATE		
DECISION VICE PRESID NUMBER Policy Develop		ary 1, 2007	

\_\_\_\_\_ Sheet No. \_\_\_\_

30 PGE/3113/47

P.O. Box 840 Denver, CO 80201-0840			icels et No
E	LECTRIC RATES		RATE
RESIDE	NTIAL GENERAL SERVICE		
	SCHEDULE R		
APPLICABILITY Applicable to Resider standby or resale service.	ntial service. Not a	pplicable to	
MONTHLY RATE Service and Facility C	Charge:		\$ 6.25
Winter Season The summer season sh	nall be the period Jur	ne 1 through	0.03467 0.03153
MONTHLY MINIMUM			\$ 6.25
Rate Adjustments as on file  PAYMENT AND LATE PAYMENT CHA  Bills for electric s fifteen (15) days from day have the option of selective Date") for paying their bill to a maximum of fourteen (1) due date. Customers select on the selected due date (12) consecutive months. over \$50 for an electric be gas bill combined not paid month's bill shall be sul percent (1.0%) per month assessment of a late payme but not more frequently th at customer's request. The in instances where a Comp where complications arise processing payments that where a customer is current	ARGE service are due and parte of bill. Residenting a modified due date 11. The due date can be 14) business days from the ding a Custom Due Date 15 for a period not less 16 Any monthly total bill 17 ill or over \$50 for an by the bill date for be 18 beet to a payment of the charge for one bill 18 an once in any twelve- 18 the payment charge with any billing error is the with financial instance in fault of the	ariff.  Ayable within all customers ("Custom Due extended up the scheduled will remain than twelve amounts of electric and the following marge of one remove the ling period, into apply involved, or titutions in customer, or	
ADVICE LETTER		ISSUE	
NUMBER DECISION NUMBER	VICE PRESIDENT Policy Development	DATE EFFECTIVE Jan DATEJan	uary 1, 2007

PUBLIC SERVICE COMPANY OF COLOR	RADO	Sheet No.	PGE/3113/4 30A
P.O. Box 840 Denver, CO 80201-0840		Cancels Sheet No.	
EL	ECTRIC RATES		RATE
RESIDEN	ITIAL GENERAL SERVICE		
	SCHEDULE R		
period of twelve consecution until terminated. If service service may be terminated on RULES AND REGULATIONS	e is no longer required by three days' notice.  r this schedule is subject forth in the Company's F	customer, customer, ct to the Rules and	S
ADVICE LETTER NUMBER		SUE ATE	
DECISION		FECTIVE January	1. 2007

33<sup>PGE/3113/49</sup>

		Sheet No33
P.O. Box 840 Denver, CO 80201-0840		Cancels Sheet No.
	ELECTRIC RATES	RATE
RESIDENT	IAL DEMAND SERVICE	
APPLICABILITY	SCHEDULE RD al service. Not applicable to s	tandby
MONTHLY RATE Service and Facility	Charge:	\$ 7.25
Summer Season	lling demand, per kW	1 1
Energy Charge: All kilowatt hours	used, per kWh	0.00288
	hall be the period June 1 the year and the winter season shouth	
MONTHLY MINIMUM		\$ 7.25
	s subject to all applicable El and in effect in this tariff.	ectric
fifteen (15) days from da have the option of selecti Date") for paying their bi to a maximum of fourteen (	MARGE ervice are due and payable ate of bill. Residential custing a modified due date ("Custoll. The due date can be extendal) business days from the schoting a Custom Due Date will rem	stomers om Due ded up neduled
consecutive months. Any months an electric bill or own combined not paid by the	'a period not less than twelventhly total bill amounts of over \$50 for an electric and gabill date for the following mayment charge of one percent	er \$50 s bill nonth's
per month. The Company wi payment charge for one bil than once in any twelve-m	and the charge of the percent of a ling period, but not more frequenth period, at customer's revill not apply in instances when the charge of the percent of the period of the period of the percent of the period o	a late quently equest.
Company billing error is in with financial institutions fault of the customer, or active payment arrangement.	nvolved, or where complications in processing payments that where a customer is current	arise are no
(Continue	ed on Sheet No. 33A)	
ADVICE LETTER NUMBER	ISSUE DATE	
DECISION NUMBER	VICE PRESIDENT, EFFECTI Policy Development DATE	ME January 1, 2007

DETERMINATION OF BILLING DEMAND

P.O. Box 840

Denver, CO 80201-0840

during the month.

RULES AND REGULATIONS

State of Colorado.

SERVICE PERIOD

COLO. PUC No. 7 Electric PGE/3113/50 33A Sheet No. \_ Cancels Sheet No. -RATE **ELECTRIC RATES** RESIDENTIAL DEMAND SERVICE SCHEDULE RD s Billing demand, determined by meter measurement, shall be the maximum fifteen (15) minute integrated kilowatt demand used All service under this schedule shall be for a minimum period of twelve consecutive months and monthly thereafter until terminated. If service is no longer required by customer, service may be terminated on three days' notice. Service supplied under this schedule is subject to the terms and conditions set forth in the Company's Rules and Regulations on file with The Public Utilities Commission of the

ADVICE LETTER NUMBER		ISSUE DATE	_
DECISION NUMBER	VICE PRESIDENT, Policy Development	EFFECTIVE January 1, 2007	_

DECISION NUMBER

PUBLIC SERVICE COMPANY OF COLORADO	Sheet No. 36 PGE/3	3113/5
P.O. Box 840 Denver, CO 80201-0840	Cancels Sheet No.	
ELECTRIC RATES	RATE	
RESIDENTIAL OUTDOOR AREA LIGHTING SERVICE		
SCHEDULE RAL		
APPLICABILITY  Applicable within all territory served for outdoor ar lighting of customer's residential property where such servican be provided directly from existing secondary distributilines of the Company. Not applicable for lighting of publistreets or highways.	.ce .on	
MONTHLY RATE  High Pressure Sodium Lamps, Burning Dusk to Dawn: REF. Market Programmer Programmer Ref. Market Programmer	\$ 11.03 13.31	R R R
ADJUSTMENTS  This rate schedule is subject to all applicable Electr Rate Adjustments as on file and in effect in this tariff.	cic	
PAYMENT AND LATE PAYMENT CHARGE  Bills for electric service are due and payable with fifteen (15) days from date of bill. Residential custome have the option of selecting a modified due date ("Custom I Date") for paying their bill. The due date can be extended to a maximum of fourteen (14) business days from the schedul due date. Customers selecting a Custom Due Date will remain the selected due date for a period not less than twelve (I consecutive months. Any monthly total bill amounts of over 5 for an electric bill or over \$50 for an electric and gas by	nin ers Due up led on 12) \$50	T T N N
combined not paid by the bill date for the following month bill shall be subject to a payment charge of one percent (1.0 per month. The Company will remove the assessment of a lapayment charge for one billing period, but not more frequent than once in any twelve-month period, at customer's request the late payment charge will not apply in instances where Company billing error is involved, or where complications are with financial institutions in processing payments that are fault of the customer, or where a customer is current on active payment arrangement.	0%) ate tly st. a a ise no	N N N N N N N N
SERVICE PERIOD  All service under this schedule shall be for a minimperiod of twelve consecutive months and monthly thereaf until terminated. If service is no longer required by custome service may be terminated on three days' notice.	ter	
(Continued on Sheet No. 36A)		
ADVICE LETTER ISSUE NUMBERDATE		_

VICE PRESIDENT, Policy Development

EFFECTIVE

DATE

January 1, 2007

Sub. First Revised

\_ Sheet No.

PGE/3113/52 36A

P.O. Box 840 Denver, CO 80201-0840

Original

Cancels Sheet No.

36A

ELECTRIC RATES

RESIDENTIAL OUTDOOR AREA LIGHTING SERVICE

Sheet No.

36A

RATE

### SCHEDULE RAL

#### RULES AND REGULATIONS

Service supplied under this schedule is subject to the terms and conditions set forth in the Company's Rules and Regulations on file with The Public Utilities Commission of the State of Colorado and the following special conditions:

- 1. Company will, at its expense, install, own, operate, and maintain its outdoor area lighting equipment, and furnish the necessary electric energy therefore.
- 2. Facilities shall consist of a luminaire mounted on a bracket not exceeding four feet in length and automatic control equipment, installed on an existing Company owned pole wherein secondary distribution exists, or Company will, upon request of customer, provide additional wood poles and spans of overhead secondary feed wire or underground cable for installation of additional lighting units.

Company reserves the right to limit the number of lighting units requiring the installation of a pole and served from the overhead or underground distribution system to two lighting units from each existing Company owned pole or underground secondary service pedestal. The length of the span of secondary feed wire or underground cable shall be determined by the Company in accordance with good engineering practice. Company reserves the right to specify the location of all area lighting facilities and to refuse to provide outdoor area lighting service in those instances where the light from such service would be a visual nuisance to nearby residents as determined by Company.

(Continued on Sheet No. 36B)

ADVICE LETTER

NUMBER 1434

ISSUE DATE

May 23, 2005

DECISION NUMBER

C05-0597

VICE PRESIDENT, Policy Development EFFECTIVE DATE

June 1, 2005

PGE/3113/53

Second Revised 36B Sheet No.

P.O. Box 840 Denver, CO 80201-0840

Cancels Sub. First Revised 36B Sheet No.

ELECTRIC RATES	RATE
RESIDENTIAL OUTDOOR AREA LIGHTING SERVICE	
SCHEDULE RAL	
RULES AND REGULATIONS - Cont'd  3. Installed cost of all area lighting facilities for the requested type of service will be included with any required distribution extension costs for extension cost calculation purposes. Construction Allowance and customer Construction Payment requirements will be determined in accordance with the Service Connection and Distribution Line Extension Policy and the Construction Allowance amount shown in such Policy. Facilities used exclusively for area lighting, including overhead or underground conductors, will not be included in calculating any possible refunds of customer Construction Payments under the Service Connection and Distribution Line Extension Policy unless additional area lighting units are added during the refund period. In situations where area lights are installed concurrently with new residential, commercial or industrial service or are installed on existing extensions with refundable Construction Payments and involving service other than area lighting, the Construction Allowance for such new lights will apply against the cost of area lighting facilities only.  4. The term "Burning Dusk to Dawn" means the operation of the lamp by automatic control equipment from approximately eighteen minutes after sunset to approximately eighteen minutes after sunset to approximately eighteen minutes before sunrise, with a total burning time of approximately 4,140 hours per year.  5. Customer shall notify Company of any service failure or damage to area lighting facilities. Burned out lamps shall be replaced as soon as practicable, subject to Company's operating schedules, after notification by customer of service failure. All maintenance, including replacement of lamps, will be done during regular working hours. No credit shall be allowed on customer's monthly bill for lamp outages.	
ADVICE LETTER ISSUE	

ADVICE LETTER

1434 NUMBER

May 23, 2005

DECISION NUMBER

C05-0597

VICE PRESIDENT, Policy Development EFFECTIVE DATE

DATE

June 1, 2005

PGE/3113/54
\_\_\_\_\_ Sheet No. \_\_\_\_37

P.O. Box 840 Denver, CO 80201-0840		Cance Sheet	
El	LECTRIC RATES		RATE
RESIDENTIAL	TIME-OF-USE SERVICE		
SCH	HEDULE RTOU		
APPLICABILITY  Applicable to the firstotal energy usage during t 2004 is at least 1,800 kW Company a response card participate in the Experipilot program under this standby, auxiliary or resale	Th and who sign and re- indicating their will mental Residential Pri Schedule RTOU. Not ap	, and August turn to the lingness to ce Response	
AVAILABILITY  Available as a pilot p live within the Company's excluding Coal Creek Cany those customers whose total June, July, and August 200 under this rate schedule participants who subscribe	on. Service is availab energy usage during th O4 is at least 1,800 k is available to 1,0	der regions, ble only to be months of Wh. Service	
MONTHLY RATE Service and Facility C	harge:		\$` 6.25
peak energy, per Off-peak Energy off-peak energy, MONTHLY MINIMUM	harge, all kilowatt-hour kWh	rs of	\$ 0.13203 \$ 0.03681 \$ 6.25
	d on Sheet No. 37A)		
ADVICE LETTER		ISSUE	
NUMBER  DECISION NUMBER	VICE PRESIDENT, Policy Development	DATE EFFECTIVE DATE Janu	ary 1, 2007

O B., 140	Sheet No.	_37A	PGE/3113/
00 00004 0040	Cancels Sheet No.		<del></del>
ELECTRIC RATES		RATE	
RESIDENTIAL TIME-OF-USE SERVICE			
SCHEDULE RTOU			
Bills for electric service are due and payable with fifteen (15) days from date of bill. Residential custome have the option of selecting a modified due date ("Custom Date") for paying their bill. The due date can be extended to a maximum of fourteen (14) business days from the schedule due date. Customers selecting a Custom Due Date will remain the selected due date for a period not less than twelf (12) consecutive months. Any monthly total bill amounts over \$50 for an electric bill or over \$50 for an electric are gas bill combined not paid by the bill date for the following month's bill shall be subject to a payment charge of other contents of a late payment charge for one billing period out not more frequently than once in any twelve-month period at customer's request. The late payment charge will not applied in instances where a Company billing error is involved, where complications arise with financial institutions	rs le lp le d in ve of nd ne d in		S T T N N N N N N N N N N N
rocessing payments that are no fault of the customer, or here customer is current on an active payment arrangement.    ILLING PERIOD			N
Off-peak energy shall be the energy consumed during to	ne		
The on-peak and off-peak periods applicable to servinereunder shall be as follows:	се		
·	1		
Off-peak period: All hours of the month that are n designated as on-peak.	ot		
(Continued on Sheet No. 37B)			

ADVICE LETTER NUMBER		issue Date _	
DECISION NUMBER	VICE PRESIDENT, Policy Development	EFFECTIVE DATE	January 1, 2007

#### COLO. PUC No. 7 Electric

#### PUBLIC SERVICE COMPANY OF COLORADO

PUBLIC SERVICE COMPANY OF COLORADO		Sheet No.	37B PGE/311
P.O. Box 840 Denver, CO 80201-0840		Cancels Sheet No.	
ELECTRI	C RATES		RATE
RESIDENTIAL T	IME-OF-USE SERVICE		
SCHEDUI	LE RTOU		
SERVICE PERIOD  Service supplied under the silot program offered from Jucton 2007. If service is no longer hay be terminated on three days	lly 15, 2006 through Ju required by customer,	lly 14,	S
Service supplied under the Company's Rules and Regulation Utilities Commission of the Sta	ons on file with the	to the Public	S
		***	
DVICE LETTER	ISSUE		
UMBER	DATE		
ECISION UMBER	VICE PRESIDENT, EFFE Policy Development DATE	January	1, 2007

PGE/3113/57

		Sheet No.	38
P.O. Box 840 Denver, CO 80201-0840		Cancels Sheet No.	
ELECTRIC	RATES		RATE
RESIDENTIAL CRITICAL-	PEAK PRICING SERVICE		:
SCHEDULE	RCPP		
APPLICABILITY  Applicable to the first 575 total energy usage during the mon 2004 is at least 1,800 kWh and Company a response card indic participate in the Experimental Pilot program under this Schedustandby, auxiliary or resale serv	who sign and return to the ating their willingness to Residential Price Response le RCPP. Not applicable to	t e o	
AVAILABILITY  Available as a pilot proguence within the Company's regions, excluding Coal Creek Conly to those customers whose to months of June, July, and August Service under this Rate Schedule participants who subscribe to the	Canyon. Service is available otal energy usage during the 2004 is at least 1,800 kWh is available to 575 eligible	r e e	
MONTHLY RATE Service and Facility Charge	· •:	\$	6.25
Energy Charge: Critical-peak Energy critical-peak energy,	Charge, all kilowatt hours of per kWh	of \$	0.31487
	e, all kilowatt hours of off-	- \$	0.04169
MONTHLY MINIMUM		\$	6.25
ADJUSTMENTS This rate schedule is subje Adjustments as on file and in eff	ct to all applicable Electri ect in this tariff.	С	
(Continued on Sh	leet No. 38A)		
ADVICE LETTER NUMBER	ISSUE DATE		
DECISION NUMBER	VICE PRESIDENT, EFFECTIVE Policy Development DATE	Januar	y 1, 2007

 _ Sheet No.	38A PGE/3113/58

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Cancels
Sheet No.

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### RESIDENTIAL CRITICAL-PEAK PRICING SERVICE

#### SCHEDULE RCPP

**ELECTRIC RATES** 

#### PAYMENT AND LATE PAYMENT CHARGE

Bills for electric service are due and payable within fifteen (15) days from date of bill. Residential customers have the option of selecting a modified due date ("Custom Due Date") for paying their bill. The due date can be extended up to a maximum of fourteen (14) business days from the scheduled due date. Customers selecting a Custom Due Date will remain on the selected due date for a period not less than twelve (12) consecutive months. Any monthly total bill amounts of over \$50 for an electric bill or over \$50 for an electric and gas bill combined not paid by the bill date for the following month's bill shall be subject to a payment charge of one percent (1.0%) per month. The Company will remove the assessment of a late payment charge for one billing period, but not more frequently than once in any twelve-month period, at customer's request. The late payment charge will not apply in instances where a billing error is involved, or where Company complications arise with financial institutions in processing payments that are no fault of the customer, or where a customer is current on an active payment arrangement.

#### BILLING PERIOD

Critical-peak energy shall be the energy consumed during the critical-peak periods of the critical days of the month.

Off-peak energy shall be the energy consumed during the off-peak periods of the month.

The critical-peak and off-peak periods applicable to service hereunder shall be as follows:

Critical-peak period: The time between 2:00 PM and 8:00 PM
Weekdays, except holidays, during the
months of June, July, August and
September (summer season). Holidays
excepted from the critical-peak period
are: Independence Day and Labor Day.

(Continued on Sheet No. 38B)

ADVICE LETTER NUMBER		ISSUE DATE	
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3/59

PUBLIC SERVICE COMPANY OF COLORADO			PGE/31
		Sheet No3	88B
P.O. Box 840 Denver, CO 80201-0840	****	Cancels Sheet No. —	
	ELECTRIC RATES	R/	ATE
RESIDE	NTIAL CRITICAL-PEAK PRICING SERVICE		
	SCHEDULE RCPP		
Critical Days:	Up to ten (10) days per summer seaso designated by Company. Company provide notice one-day ahead (by p.m. the previous day) to custo prior to calling a Critical Day.	will 4:00	S
Off-peak period:	All hours of the month that are designated as critical-peak.	not	3
shall apply to all	is called, the critical-peak Energy Consumed during the Critical, i.e. from 2:00 PM to 8:00 PM.		\$
program offered from	der this schedule is available as a pil m July 15, 2006 through July 14, 2007. r required by customer, service may be days' notice.	ot If	
Company's Rules an	NS ied under this schedule is subject to nd Regulations on file with the Pu n of the State of Colorado.		
either e-macustomer's phone number left at a customer.	will be notified of the Critical Day ail or by leaving a voice message at primary phone number. If the prier is unavailable, a voice message will secondary phone number provided by Successful notification will be determined to a voice mail at the primar phone number or by delivery receipt of age.	the imary .1 be the nined ry or	

	e-mail message.
2.	The Company may elect to remove the customer from the
	pilot program if the Company is unable to notify the
	customer as set forth herein more than once during
	the Service Period.

ADVICE LETTER NUMBER		ISSUE DATE			
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PUBLIC SERVICE COMPANY OF COLORADO	Sheet No.	PGE/3	113/60
P.O. Box 840 Denver, CO 80201-0840	Cancels Sheet No.		
ELECTRIC RATES		RATE	
RESIDENTIAL CRITICAL TIME-OF-USE SERVICE			
SCHEDULE RCTOU APPLICABILITY			
Applicable to the first 780 residential customers whose total energy usage during the months of June, July, and August 2004 is at least 1,800 kWh and who sign and return a response card indicating their willingness to participate in the Experimental Residential Price Response Pilot program under this Schedule RCTOU. Not applicable to standby, auxiliary of resale service.	t e e		
AVAILABILITY  Available as a pilot program to residential customer who live within the Company's Denver Metro and Boulde regions, excluding Coal Creek Canyon. Service is available only to those customers whose total usage during the months of June, July, and August 2004 is at least 1,800 kWh. Service under this rate schedule is available to 780 eligible participants who subscribe to the Pilot under this Rat Schedule.	er e of ce e		
MONTHLY RATE Service and Facility Charge:	\$	6.25	
Energy Charge:  Critical-peak Energy Charge, all kilowatt hours o  critical-peak Energy, per kWh		0.31487	
On-peak Energy Charge, all kilowatt hours of on peak energy, per kWh		0.09758	
Off-peak Energy Charge, all kilowatt hours of off peak energy, per kWh		0.03681	
MONTHLY MINIMUM	\$	6.25	
ADJUSTMENTS  This rate schedule is subject to all applicable Electrical Adjustments as on file and in effect in this tariff.	_c		
			D
(Continued on Sheet No. 39A)			
ADVICE LETTER ISSUE			j

ADVICE LETTER NUMBER		ISSUE DATE	
DECISION NUMBER	VICE PRESIDENT, Policy Development	EFFECTIVE DATE _	January 1, 2007

P.O.	Box	<b>64</b>	0		
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 _ Sheet No	39A	
Cancels Sheet No.		

#### RATE **ELECTRIC RATES** RESIDENTIAL CRITICAL TIME-OF-USE SERVICE SCHEDULE RCTOU ST PAYMENT AND LATE PAYMENT CHARGE Bills for electric service are due and payable within fifteen (15) days from date of bill. Residential customers have the option of selecting a modified due date ("Custom Due Date") for paying their bill. The due date can be extended up to a maximum of fourteen (14) business days from the scheduled due date. Customers selecting a Custom Due Date will remain on the selected due date for a period not less than twelve (12) consecutive months. Any monthly total bill Ν N amounts of over \$50 for an electric bill or over \$50 for an Ν electric and gas bill combined not paid by the bill date for N the following month's bill shall be subject to a payment N charge of one percent (1.0%) per month. The Company will N remove the assessment of a late payment charge for one N billing period, but not more frequently than once in any Ν twelve-month period, at customer's request. The late payment Ν charge will not apply in instances where a Company billing Ν involved, or where complications arise with N financial institutions in processing payments that are no Ν fault of the customer, or where a customer is current on an Ν active payment arrangement. BILLING PERIOD Critical-peak energy shall be the energy consumed during the critical-peak periods of the critical days of the month. On-peak energy shall be the energy consumed during the on-peak periods of the month. Off-peak energy shall be the energy consumed during the off-peak periods of the month. The on-peak and off-peak periods applicable to service hereunder shall be as follows: Critical-peak period: The time between 2:00 PM and 8:00 PM weekdays, except holidays, during the months of June, July, August September (summer season). Holidays excepted from the critical-peak period are: Independence Day and Labor Day. (Continued on Sheet No. 39B)

ADVICE LETTER NUMBER		ISSUE DATE	,		
DECISION NI IMPER	VICE PRESIDENT,	EFFECTIVE DATE	Januarv 1,	2007	

PUBLIC SERVI	ICE COMPANY	OF COLORADO		Sheet No	39B	113/62
P.O. Box 840 Jenver, CO 80201	-0840			Cancels Sheet No		
		ELECTRIC RATES		R	RATE	
	RESIDENTI	AL CRITICAL TIME-OF-U	SE SERVICE		i	
		SCHEDULE RCTOU			ļ	
Critical D	Days:	designated by Condiscretion. Companone-day ahead (by 4	y will provide notic :00 p.m. the previou ng customers prior t	e e s	:	S
On-peak pe	eriod:	weekdays, except be summer season that Critical Days. Ho	2:00 PM and 8:00 Pm nolidays, during th are not designated a lidays excepted from are: Independence Da	e s m		S
Off-peak r	period:		month that are no cal-peak.	t		S
shall app	ly to all	is called, the critic energy consumed duri i.e. from 2:00 PM to	ing the critical-pea			S
pilot pro 2007. If	ice suppli gram offe service	ed under this schedured from July 15, 2 s no longer required three days' notice.	006 through July 1	4,		
Serv Company's	Rules ar	I <u>S</u> ed under this schedu d Regulations on f of the State of Colo	file with the Publ	he		
6 r 6 S 1	either e-m customer's number is at a second Successful receipt of	will be notified of ail or by leaving a primary phone numbunavailable, a voice dary phone number pronotification will be a voice mail at the er or by delivery	voice message at ter. If the prima message will be levided by the custome determined by eith primary or seconda	he ry ft r. er ry		
F C	Pilot prog	may elect to remove ram if the Company to set forth herein Period.	y cannot notify th	ie		  -  -

ADVICE LET NUMBER	TER		DATE _		
DECISION NUMBER		VICE PRESIDENT, Policy Development	EFFECTIVE DATE	January 1,	2007

	PGE/3113/63
Chaot Ma	40

PUBLIC SERVICE COMPANY OF COLORADO	Sheet No40 PGE/311
P.O. Box 840 Denver, CO 80201-0840	Cancels Sheet No.
ELECTRIC RATES	RATE
COMMERCIAL SERVICE	
SCHEDULE C	
APPLICABILITY  Applicable to customers whose demands are less than 25 for electric power service supplied at secondary distributi voltage. Not applicable to standby or resale service.	
MONTHLY RATE  Service and Facility Charge:	. \$ 7.85
Energy Charge: All kilowatt-hours used, per kWh Summer Season	. 0.03120 R
MONTHLY MINIMUM  ADJUSTMENTS  This rate schedule is subject to all applicable Electronsections.	. \$ 7.85
Rate Adjustments as on file and in effect in this tariff.  PAYMENT AND LATE PAYMENT CHARGE  Bills for electric service are due and payable with fifteen (15) days from date of bill. Any amounts not paid or before the due date of the bill shall be subject to a lapayment charge of 1.5% per month.	on
SERVICE PERIOD  All service under this schedule shall be for a minimperiod of twelve consecutive months and monthly thereaffuntil terminated. If customer's maximum demand reaches 25 kW greater during any billing month, the service period shall terminated at the end of that billing month. Beginning with succeeding billing month service will be provided und Schedule SG. However, beginning on the effective date of the	or be the
rate schedule, the Company will allow a single one-troccurrence of a customer's monthly demand reaching 25 kW through 30 kW without such termination. The single one-trallowance shall be applied to a customer once for as long the customer receives electric service from the Company at service address to which the one-time allowance is applied.	ime up ime as
(Continued on Sheet No. 40A)	
ADVICE LETTER ISSUE	

ADVICE LETTER NUMBER		DATE _	
DECISION	VICE PRESIDENT,	EFFECTIVE	January 1, 2007
NUMBER	Policy Development	DATE	

PGE/3113/64 40A Sub. Second Revised Sheet No.

P.O. Box 840 Denver, CO 80201-0840

First Revised

Cancels Sheet No.

40A

ELECTRIC RATES	RATE
COMMERCIAL SERVICE	
SCHEDULE C	
SERVICE PERIOD - Cont'd  Once the service under this Rate Schedule is terminated for exceeding the demand limit, the Company will place the customer on Schedule SG, but will allow the customer up to ninety (90) days to elect to receive service under Schedule SGL. If the customer remains on Schedule SG, the minimum service period will begin on the date the Company places the customer on Schedule SG. If during the ninety (90) day election period, the customer elects to receive service under Schedule SGL, the minimum twelve (12) month service period will begin on the date the Company receives notice of the election. If service is no longer required by customer, service may be terminated on three days' notice.	
RULES AND REGULATIONS  Service supplied under this schedule is subject to the terms and conditions set forth in the Company's Rules and Regulations on file with The Public Utilities Commission of the State of Colorado.	i l

ADVICE LETTER NUMBER	1434		DATE _	May 23, 2005
DECISION NUMBER	C05-0597	VICE PRESIDENT, Policy Development	EFFECTIVE DATE	June 1, 2005

		She	et No43	
P.O. Box 840 Denver. CO 80201-0840			cels et No.	_
E	ELECTRIC RATES		RATE	7
SECONDARY GE	NERAL LOW-LOAD FACTOR			
APPLICABILITY	CHEDULE SGL	_		
Applicable to electric voltage. Not applicable to	c power service supplied a standby or resale service			
MONTHLY RATE Service and Facility	Charge:		\$ 25.00	
Demand Charge: All kilowatts of bi	lling demand, per kW		\$ 4.94	
	of use, per kWh		0.06084 0.04618	R R
	nall be the period June year and the winter seas through May 31.			
MONTHLY MINIMUM  The Service and Facility	ity Charge plus the Demand	d Charge.		
ADJUSTMENTS This rate schedule is Rate Adjustments as on file	s subject to all applicat and in effect in this ta			
PAYMENT AND LATE PAYMENT CH Bills for electric s fifteen (15) days from dat or before the due date of payment charge of 1.5% per	service are due and pay e of bill. Any amounts the bill shall be subjec	not paid on		Т
Billing demand, deter the maximum fifteen (15) miduring the month, except Industrial Rules and Regula	mined by meter measuremer inute integrated kilowatt as set forth in the Com	demand used		
period of twelve consecu-	service is no longer terminated on thirty da may be required by	thereafter required by ays' notice.		
(Continue	ed on Sheet No. 43A)			
ADVICE LETTER NUMBER		DATE		
DECISION NUMBER	VICE PRESIDENT, Policy Development	DATE Jar	nuary 1, 200	7_

DUDI IO CEDVICE COMPANY OF COLORADO	COLO. PUC No. 7 Electric	
PUBLIC SERVICE COMPANY OF COLORADO  —	She	PGE/31 et No
P.O. Box 840 Denver, CO 80201-0840	Can She	cels et No
ELECTRIC RATES		RATE
SECONDARY GENERAL SEE	RVICE	
SCHEDULE SG		
APPLICABILITY Applicable to electric power servi voltage. Not applicable to standby or r		
MONTHLY RATE Service and Facility Charge:		\$25.00
Demand Charge: All kilowatts of billing demand, Summer Season		9.58 R 8.40 R
Energy Charge: All kilowatt hours used, per kWh	1	\$ 0.00288
The summer season shall be the September 30 of each year and the the period October 1 through May 3	winter season shall be	
MONTHLY MINIMUM  The Service and Facility Charge pl	us the Demand Charge.	
OPTIONAL SERVICE  Customers receiving service under receive interruptible service under thoption Credit.		
ADJUSTMENTS  This rate schedule is subject to Rate Adjustments as on file and in effect		
PAYMENT AND LATE PAYMENT CHARGE  Bills for electric service are fifteen (15) days from date of bill. or before the due date of the bill shapayment charge of 1.5% per month.	Any amounts not paid on	
DETERMINATION OF BILLING DEMAND  Billing demand, determined by met the maximum fifteen (15) minute integra during the month, except as set forth Industrial Rules and Regulations.	ted kilowatt demand used	
(Continued on Sheet	No. 44A)	

ADVICE LETTER NUMBER		ISSUE DATE		
DECISION NUMBER	VICE PRESIDENT, Policy Development	EFFECTIVE DATE	January 1,	2007

### P

PUBLIC SERVICE COMPANY OF COLORADO	Sheet No.	477	/3113/67
P.O. Box 840	Cancels Sheet No.		
ELECTRIC RATES		RATE	
SECONDARY STANDBY SERVICE			
SCHEDULE SST			
DEFINITIONS - Cont'd			,
Standby Service. Standby Service shall be the service provided by Company under this Secondary Standby Service ratschedule.			
MONTHLY RESERVATION FEE Service and Facility Charge:	. \$	80.00	
Transmission and Distribution Standby Capacity Fee: Contract Standby Capacity, per kW	•	4.94	
Generation Standby Capacity Reservation Fee: Contract Standby Capacity, per kW Firm Standby - Summer Season		0.60 0.45 0.00	R R
MONTHLY USAGE CHARGE  Demand Charge:  All Demand used under this schedule after the Allowed Grace Energy has been exhausted will be charged at the following rate, per kW  Summer Season		4.04 3.01	R R
Reliability Purchase Demand Charge:  All Demand used during a Reliability Purchase Perio per kW	d ·	5.60	
Energy Charge:  All energy actually used under this tariff shall be charged at the following rate, per kWh		\$0.00288	
The summer season shall be the period June 1 throus September 30 of each year and the winter season shall the period October 1 through May 31.			
MONTHLY MINIMUM  The Service and Facility Charge plus the Transmission a Distribution Standby Capacity Fee plus the Generation Stand Capacity Reservation Fee.	nd by		
(Continued on Sheet No. 47B)			

ADVICE LETTER NUMBER		ISSUE DATE	
DECISION NUMBER	VICE PRESIDENT, Policy Development	EFFECTIVE DATE	January 1, 2007

PUBLIC SERVICE COMPANY OF COLOR	RADO	Sheet No.	PGE/3113/ 47B
P.O. Box 840 Denver, CO 80201-0840		Cancels Sheet No.	
EL	ECTRIC RATES		RATE
SECONDARY	STANDBY SERVICE		
SCHE	DULE SST		
ADJUSTMENTS  This rate schedule is Rate Adjustments as on file	subject to all applicable H and in effect in this tariff		
PAYMENT AND LATE PAYMENT CHAR Bills for electric se fifteen (15)days from date of before the due date of the payment charge of 1.5% per me	rvice are due and payable f bill. Any amounts not pain bill shall be subject to	d on or	Т
DETERMINATION OF TRANSMISSION FEE PAYMENT  The Transmission and Payment shall be determined Capacity times the Transmission Capacity Fee.	Distribution Standby Capac by multiplying the Contract	ity Fee Standby	
DETERMINATION OF GENERATION  PAYMENT  The Generation Standby shall be determined by Capacity times the Generation	y Capacity Reservation Fee multiplying the Contract	Payment Standby	
DETERMINATION OF DEMAND  For billing purposes, the Monthly Usage Demand Ch from and will have no effect under Schedule SG that this Usage billing demand will h amounts: (1) the amount of the actual demand supplied facilities, but not less Monthly Usage Demand supplied	et on the billing demand design tariff compliments. The see the smaller of the follow the Contract Standby Capacitor by the customer's own generation than zero, or (2) the amount of the customer's own generation.	parately termined Monthly wing two ty minus nerating	
(Continued	on Sheet No. 47C)		
ADVICE LETTER NUMBER	ISSUI DATE		
DECISION NUMBER	VICE PRESIDENT, EFFE	CTIVE Januar	y 1, 2007

### PUBLIC SERVICE COMPANY OF COLORADO

PUBLIC SERVICE COMPANY OF COLOR	ADO	Shee	PGE 52	/3113/6
P.O. Box 840 Denver, CO 80201-0840		Cano Shee	els t No.	<del>-</del>
ELI	ECTRIC RATES		RATE	
PRIMARY	GENERAL SERVICE			
SC	HEDULE PG			
APPLICABILITY Applicable to electric voltage. Not applicable to s	power service supplied standby or resale servic			
MONTHLY RATE Service and Facility Char	ge:	\$	30.00	
1	g demand, per kW		8.39 7.21	R R
Energy Charge: All kilowatt-hours us	sed, per kWh		0.00282	
	all be the period June ear and the winter seas rough May 31.			
MONTHLY MINIMUM  The Service and Facilit	y Charge plus the Demand	d Charge.		
OPTIONAL SERVICE  Customers receiving service receive interruptible service Option Credit.	rvice under this rate m se under the Interrupti			
ADJUSTMENTS This rate schedule is Rate Adjustments as on file a	subject to all applica and in effect in this ta			
PAYMENT AND LATE PAYMENT CHAIR Bills for electric se fifteen (15) days from date or before the due date of t payment charge of 1.5% per more	rvice are due and pay of bill. Any amounts he bill shall be subject	not paid on		Т
(Continued	on Sheet No. 52A)			
ADVICE LETTER		ISSUE		
DECISION NUMBER	VICE PRESIDENT, Policy Development	EFFECTIVE Janu	ary 1, 200	<del></del> 7

13/70

COLO. PUC No. 7 Electric			
PUBLIC SERVICE COMPANY OF COLORADO	Sheet No.	PGE/3 55A	113
P.O. Box 840 Denver, CO 80201-0840	Cancels Sheet No.		
ELECTRIC RATES		RATE	
PRIMARY STANDBY SERVICE			
SCHEDULE PST			
DEFINITIONS - Cont'd			
Standby Service. Standby Service shall be the servi provided by Company under this Primary Standby Service raschedule.			
MONTHLY RESERVATION FEE  Service and Facility Charge:	s	130.00	
Service and ractiffy charge		150.00	
Transmission and Distribution Standby Capacity Fee: Contract Standby Capacity, per kW	• •	3.67	
Generation Standby Capacity Reservation Fee: Contract Standby Capacity, per kW Firm Standby - Summer Season Firm Standby - Winter Season Contractual or Physical Assurance	• •	0.01	R R
MONTHLY USAGE CHARGE  Demand Charge:  All Demand used under this schedule after the Allowed Grace Energy has been exhausted will be charged at the following rate, per kW	e de la companya de l		
Summer Season	- 1	4.11 3.08	R R
Reliability Purchase Demand Charge: All Demand used during a Reliability Purchase Perio	od .	5.47	
Energy Charge:  All energy actually used under this tariff shall be charged at the following rate, per kWh		\$0.00282	
The summer season shall be the period June 1 throuse September 30 of each year and the winter season shall the period October 1 through May 31.			
MONTHLY MINIMUM  The Service and Facility Charge plus the Transmission a Distribution Standby Capacity Fee plus the Generation Stand Capacity Reservation Fee.			
(Continued on Sheet No. 55B)			

ADVICE LE	TTER	ISSUE DATE		10-11-11
DECISION NUMBER		VICE PRESIDENT, Policy Development	EFFECTIVE DATE	January 1, 2007

PUBLIC SERVICE COMPANY OF COLOR	RADO	Sheet N	r r r	GE/3113/71
P.O. Box 840 Denver, CO 80201-0840		Cancels Sheet N		
EL	ECTRIC RATES		RATE	7
PRIMARY S	TANDBY SERVICE			N
SCHE	DULE PST			
ADJUSTMENTS This rate schedule is Rate Adjustments as on file	subject to all applicab and in effect in this tar			
PAYMENT AND LATE PAYMENT CHAR Bills for electric se fifteen (15) days from date or before the due date of t payment charge of 1.5% per mo	ervice are due and paya of bill. Any amounts n he bill shall be subject	not paid on		T
DETERMINATION OF TRANSMISSION FEE PAYMENT  The Transmission and Payment shall be determined Capacity times the Transmission Capacity Fee.	Distribution Standby Ca by multiplying the Contr	apacity Fee act Standby		
DETERMINATION OF GENERATION PAYMENT  The Generation Standby shall be determined by Capacity times the Generation	y Capacity Reservation I multiplying the Contra	Fee Payment		
DETERMINATION OF DEMAND  For billing purposes, the Monthly Usage Demand Ch from and will have no effect under Schedule PG that this Usage billing demand will b amounts: (1) the amount of the actual demand supplied facilities, but not less Monthly Usage Demand supplied	et on the billing demand is tariff compliments. ' e the smaller of the for the Contract Standby Cap by the customer's own than zero, or (2) the	separately determined The Monthly llowing two acity minus generating		
(Continued	on Sheet No. 55C)			
ADVICE LETTER		ISSUE		
NUMBER DECISION NUMBER	VICE PRESIDENT, Policy Development	EFFECTIVE Janua:	ry 1, 2007	<u> </u>

### PI

PUBLIC SERVICE COMPANY OF COLORADO	PGE/3113/7
P.O. Box 840	Sheet No62 Cancels Sheet No
ELECTRIC RATES	RATE
TRANSMISSION GENERAL SERVICE	
SCHEDULE TG	
APPLICABILITY Applicable to electric power service supplied at transmission voltage. Not applicable to standby or resald service.	1
MONTHLY RATE	
Service and Facility Charge:  General Services Admin (Fed Center)	10,100.00 120.00 390.00 6,850.00 21,100.00 41,100.00 12,100.00 13,100.00 13,300.00 600.00 850.00 27,000.00 5.63 R
Energy Charge: All kilowatt hours used, per kWh	0.00276
The summer season shall be the period June 1 through September 30 of each year and the winter season shall be the period October 1 through May 31.	
(Continued on Sheet No. 62A)	

ADVICE LETTER NUMBER		ISSUE DATE <sub>.</sub>	
DECISION NUMBER	VICE PRESIDENT, Policy Development	EFFECTIVE DATE	January 1, 2007

COLO. PUC No. 7 Electric PUBLIC SERVICE COMPANY OF COLORADO PGE/3113/73 Sheet No. P.O. Box 840 Cancels Denver, CO 80201-0840 Sheet No. -RATE **ELECTRIC RATES** TRANSMISSION GENERAL SERVICE SCHEDULE TG MONTHLY MINIMUM The applicable Service and Facility Charge shown above plus the Demand Charge. OPTIONAL SERVICE Customers receiving service under this rate may elect to receive interruptible service under the Interruptible Service Option Credit. ADJUSTMENTS This rate schedule is subject to all applicable Electric Rate Adjustments as on file and in effect in this tariff. PAYMENT AND LATE PAYMENT CHARGE Bills for electric service are due and payable within Т fifteen (15) days from date of bill. Any amounts not paid on or before the due date of the bill shall be subject to a late payment charge of 1.5% per month. (Continued on Sheet No. 62B)

ADVICE LETTER NUMBER		ISSUEDATE				
DECISION NUMBER		VICE PRESIDENT, Policy Development	EFFECTIVE DATE	January	1,	2007

PGE/3113/74

PUBLIC SERVICE COMPANY OF COLORADO		PGE 63B	2/3
P.O. Box 840 Denver, CO 80201-0840	Sheet No. Cancels Sheet No.		
ELECTRIC RATES		RATE	
TRANSMISSION STANDBY SERVICE			
SCHEDULE TST			
MONTHLY RESERVATION FEE - Cont'd		į	
Transmission Standby Capacity Fee: Contract Standby Capacity, per kW	• •	1.01	
Generation Standby Capacity Reservation Fee: Contract Standby Capacity, per kW Firm Standby - Summer Season Firm Standby - Winter Season Contractual or Physical Assurance		0.60 0.45 0.00	R
MONTHLY USAGE CHARGE  Demand Charge:  All Demand used under this schedule after the Allowed Grace Energy has been exhausted will be charged at the following rate, per kW  Summer Season	<b>I</b>	4.02 3.01	R
Reliability Purchase Demand Charge:  All Demand used during a Reliability Purchase Perio	l l	5.35	
Energy Charge:  All energy actually used under this tariff shall be charged at the following rate, per kWh		\$0.00276	
The summer season shall be the period June 1 throu September 30 of each year and the winter season shall the period October 1 through May 31.			
MONTHLY MINIMUM  The Service and Facility Charge plus the Interconnection Charge plus the Transmission Standby Capacity Fee plus to Generation Standby Capacity Reservation Fee.			
ADJUSTMENTS  This rate schedule is subject to all applicable Electricate Adjustments as on file and in effect in this tariff.	cic		
Bills for electric service are due and payable with fifteen (15) days from date of bill. Any amounts not paid or before the due date of the bill shall be subject to a lapayment charge of 1.5% per month.  (Continued on Sheet No. 63C)	on		1

ADVICE LETTER NUMBER		ISSUE DATE		
DECISION NUMBER	VICE PRESIDENT, Policy Development	EFFECTIVE DATE	January 1, 2007	

77 PGE/3113/75

\_ Sheet No. \_

P.O. Box 840 Denver, CO 80201-0840			ncels eet No
	ELECTRIC RATES		RATE
SPECIAL	CONTRACT SERVICE		
SCH	EDULE SCS-7		
APPLICABILITY  Applicable to the Reg electric power and energy Corridor Light Rail Sy extension as set forth in between Regional Transpor applicable to standby, or	stems, and Central Plathe special contract for station District and Cor	nd Southwest atte Valley such service	
MONTHLY RATE  Service and Facility  Per Delivery Poi	Charge:		\$130.00
Summer Seaso Winter Seaso	billing demand, per kW on		4.72 3.54
Energy Charge:	billing demand, per kW . rs used, per kWh		3.67 0.00282
	shall be the period Jun year and the winter sea through May 31.		
MONTHLY MINIMUM  The Service and Factoristribution Demand Charge	ility Charge plus the Tr	ansmission &	
ADJUSTMENTS  This rate schedule i Rate Adjustments as on file	s subject to all applica e and in effect with this		
PAYMENT AND LATE PAYMENT Comparison of Bills for electric fifteen (15) days from day or before the due date of payment charge of 1.5% per	service are due and parte of bill. Any amounts the bill shall be subject	not paid on	
(Conti	nued on Sheet No. 77A)		
ADVICE LETTER NUMBER		ISSUE DATE	1
DECISION NUMBER	VICE PRESIDENT, Policy Development	FFFCTIVE	uary 1, 2007

PUBLIC SERVICE COMPANY OF COLORADO PGE/3113/76 Sheet No. P.O. Box 840 Cancels Denver, CO 80201-0840 Sheet No. . RATE **ELECTRIC RATES** COMMERCIAL OUTDOOR AREA LIGHTING SERVICE SCHEDULE CAL APPLICABILITY Applicable within all territory served for outdoor area lighting of customer's property where such service can be provided directly from existing secondary distribution lines of the Company. Not applicable for lighting of public streets or highways. MONTHLY RATE High Pressure Sodium Lamps, Burning Dusk to Dawn: 9,500 lumen lamps, 100 watts, per lamp, per month...010 \$ 11.03 27,500 lumen lamps, 250 watts, per lamp, per month...020 13.31 R 50,000 lumen lamps, 400 watts, per lamp, per month...030 15.70 R ADJUSTMENTS This rate schedule is subject to all applicable Electric Rate Adjustments as on file and in effect in this tariff. PAYMENT AND LATE PAYMENT CHARGE Bills for electric service are due and payable within fifteen (15) days from date of bill. Any amounts not paid on т or before the due date of the bill shall be subject to a late payment charge of 1.5% per month. SERVICE PERIOD All service under this schedule shall be for a minimum period of twelve consecutive months and monthly thereafter until terminated. If service is no longer required by customer, service may be terminated on three days' notice. (Continued on Sheet No. 80A)

ADVICE LETT NUMBER	ER		DATE .		
DECISION NUMBER		VICE PRESIDENT, Policy Development	EFFECTIVE DATE	January 1, 20	07

PUBLIC SERVICE COMPANY OF COLORADO	Λ1	PGE/3113/77
P.O. Box 840	Cancels Cheet No81	
ELECTRIC RATES	RATE	
PARKING LOT LIGHTING SERVICE		
SCHEDULE PLL		
APPLICABILITY Applicable to Parking Lot Lighting Service. No applicable for lighting of public streets or highways.	t	
MONTHLY RATE REF. NO.		
High Pressure Sodium Lamps, Burning Dusk to Dawn:  9,500 lumen lamps, 100 watts, per lamp, per month010.  16,000 lumen lamps, 150 watts, per lamp, per month020.  22,000 lumen lamps, 200 watts, per lamp, per month030.  27,500 lumen lamps, 250 watts, per lamp, per month040.  50,000 lumen lamps, 400 watts, per lamp, per month050.	\$ 10.61 11.19 11.80 12.51 14.49	R R R R
ADJUSTMENTS  This rate schedule is subject to all applicable Electri Rate Adjustments as on file and in effect in this tariff.	С	
PAYMENT AND LATE PAYMENT CHARGE  Bills for electric service are due and payable withi fifteen (15) days from date of bill. Any amounts not paid or before the due date of the bill shall be subject to a lat payment charge of 1.5% per month.	on	Т
SERVICE PERIOD  All service under this schedule shall be for a minimum period of twelve consecutive months and monthly thereafted until terminated. If service is no longer required by customer, service may be terminated on three days' notice.	r	
RULES AND REGULATIONS  Service supplied under this schedule is subject to the terms and conditions set forth in the Company's Rules ar Regulations on file with The Public Utilities Commission of the State of Colorado and the following special conditions:  1. Company will provide, install, own, operated maintain and replace all parking lot lighting facilities consisting of the poles, luminaires brackets, light sensitive devices, lamps, glass of plastic lenses and lamp covers, foundations conductors and the distribution facilities necessar to provide lighting service as well as furnish the energy required for such service.	ad ae ag ag ar ar	
(Continued on Sheet No. 81A)		
ADVICE LETTER ISSUE		

NUMBER _	_R		DATE .	
DECISION NUMBER		VICE PRESIDENT, Policy Development	EFFECTIVE DATE	January 1, 2007

85<sup>PGE/3113/78</sup> Sheet No. Cancels Sheet No.

P.O. Box 840 Denver, CO 80201-0840

enver, CO 80201-0840	Sheet No.
ELECTRIC RATES	RATE
STREET LIGHTING SERVICE	
SCHEDULE SL	
APPLICABILITY  Applicable within all territory served for Street Light Service.	ing
MONTHLY RATE REF. NO Lights Burning Dusk to Dawn:	<u>.                                    </u>
High Pressure Sodium Lamps:  4,100 lumen lamps, 50 watts, per lamp, per month010 5,800 lumen lamps, 70 watts, per lamp, per month020 9,500 lumen lamps, 100 watts, per lamp, per month030 16,000 lumen lamps, 150 watts, per lamp, per month040 22,000 lumen lamps, 200 watts, per lamp, per month050 27,500 lumen lamps, 250 watts, per lamp, per month060 50,000 lumen lamps, 400 watts, per lamp, per month070 140,000 lumen lamps, 1,000 watts, per lamp, per month080	10.25 R 10.61 R 11.19 R 11.80 R 12.51 R 14.49 R
Metal Halide Lamps:  8,500 lumen lamps, 100 watts, per lamp, per month110 14,000 lumen lamps, 175 watts, per lamp, per month120 20,500 lumen lamps, 250 watts, per lamp, per month130 36,000 lumen lamps, 400 watts, per lamp, per month140 110,000 lumen lamps, 1,000 watts, per lamp, per month150	0 12.05 F 0 12.92 F 0 14.59 F
Induction Lamps:  3,500 lumen lamps, 6,000 lumen lamps, 12,000 lumen lamps, 165 watts, per lamp, per month .170	0 10.70 F
Compact Fluorescent Lamps:  1,100 lumen lamps, 18 watts, per lamp, per month21 1,750 lumen lamps, 28 watts, per lamp, per month22	
(Continued on Sheet No. 85A)	
ADVICE LETTER ISSUE	

ADVICE LETTER NUMBER		ISSUE DATE	
DECISION NUMBER	VICE PRESIDENT, Policy Development	EFFECTIVE DATE	January 1, 2007

PUBLIC SERVICE COMPANY OF CO		S	heet No. PO	GE/3113/
.O. Box 840 enver, CO 80201-0840			ancels heet No	<del></del>
	ELECTRIC RATES		RATE	
STREET	LIGHTING SERVICE		1	
	SCHEDULE SL			
MONTHLY RATE - Cont'd		REF. NO.		
Lights Burning Dawn to				
High Pressure Sodium 5,800 lumen lamps,	Tamps: 70 watts, per lamp, per	mon+h 310	\$ 10.26	R
16,000 lumen lamps,	150 watts, per lamp, per		11.21	R
22,000 lumen lamps,	200 watts, per lamp, per		11.82	R
27,500 lumen lamps,	250 watts, per lamp, per		12.55	R
50,000 lumen lamps,	400 watts, per lamp, per		14.54	R
Lights Burning 24 Hours				
High Pressure Sodium				_
5,800 lumen lamps,	70 watts, per lamp, per		\$ 10.34	R
16,000 lumen lamps,	150 watts, per lamp, per		11.38	R
22,000 lumen lamps,	200 watts, per lamp, per		12.05	R
27,500 lumen lamps,	250 watts, per lamp, per		12.84	R
50,000 lumen lamps,	400 watts, per lamp, per	month450	15.02	R
DJUSTMENTS				
This rate schedule i	s subject to all applic	able Electri	c	
ate Adjustments as on fi	le and in effect in this	tariff.		
				İ
AYMENT AND LATE PAYMENT				
	service are due and p			1
	late of bill. Any amount			T
	of the bill shall be subj	ect to a lat	e	
ayment charge of 1.5% pe	er month.			
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(Continu	ed on Sheet No. 85B)			1
(Concina	ca on blicce no. oob,			
	•			
	144			
VICE LETTER IMBER		ISSUE DATE		
CISION	VICE PRESIDENT,	EFFECTIVE T		.07
UMBER	Policy Development	DATE Ja	nuary 1, 20	U /

PUBLIC SERVICE COMPANY OF COLORADO			oc PC	SE/3113/80
P.O. Box 840 Denver, CO 80201-0840		Sheet No.		_
ELECTRIC	CRATES		RATE	
SPECIAL STREET LI	GHTING SERVICE			
SCHEDULE S	SL			
APPLICABILITY Applicable only within Georgetown/Silver Plume National Street Lighting Service.				
MONTHLY RATE  Mercury Vapor Lamps, Burning Du 4,200 lumen lamps, 100 watts		REF.NO.   \$	11.04	R
ADJUSTMENTS This rate schedule is subgrate Adjustments as on file and				
PAYMENT AND LATE PAYMENT CHARGE  Bills for electric service fifteen (15) days from date of or before the due date of the k payment charge of 1.5% per month	bill. Any amounts of the bill shall be subject	not paid on		T
RULES AND REGULATIONS  Service supplied under the terms and conditions set fort Regulations for Street Lighticapplicable Rules and Regulation The Public Utilities Commission the following special conditions	h in the Company's ng Service and to as of the Company or n of the State of C	Rules and all other file with		
lighting facilities w customer in accordan Maintenance Charges fo	and routine maint and light sensitive and replacement will be separately acce with the proper Street Lighting	enance and ve devices. for street billed to visions of Service in		
Company's Rules and R Service.  2. Maintenance and replace facilities is subject special facilities invo	ement of Special Stre to the availabili	et Lighting		
ADVICE LETTER NUMBER		ISSUE DATE		
DECISION NUMBER	VICE PRESIDENT, Policy Development	EFFECTIVE	ry 1, 200°	7

Sheet No. 87 PGE/3113/81

ELECTRIC RATES	
	RATE
SPECIAL HIGHWAY LIGHTING SERVICE	
SCHEDULE SHL	
APPLICABILITY	
Applicable to the Colorado Department of Transportation for Special Highway Lighting Service.	n
MONTHLY RATE REF. NO	<u>).</u>
Lights Burning Dusk to Dawn:	
High Pressure Sodium Lamps: 9,500 lumen lamps, 100 watts, per lamp, per month010	\$ 1.81
16,000 lumen lamps, 150 watts, per lamp, per month020	2.39
22,000 lumen lamps, 200 watts, per lamp, per month030	3.00
27,500 lumen lamps, 250 watts, per lamp, per month040	3.71
37,000 lumen lamps, 310 watts, per lamp, per month050	4.59
50,000 lumen lamps, 400 watts, per lamp, per month060	5.69
140,000 lumen lamps, 1,000 watts, per lamp, per month070	12.28
Metal Halide Lamps:	010 60
110,000 lumen lamps, 1,000 watts, per lamp, per month110	\$13.63
Lights Burning Dawn to Dusk:	
<pre>High Pressure Sodium Lamps: 27,500 lumen lamps, 250 watts, per lamp, per month210</pre>	\$ 3.75
50,000 lumen lamps, 400 watts, per lamp, per month220	5.74
Lights Burning 24 Hours Per Day:	
High Pressure Sodium Lamps:	
27,500 lumen lamps, 250 watts, per lamp, per month310	\$ 4.04
50,000 lumen lamps, 400 watts, per lamp, per month320	6.22
(Continued on Sheet No. 87A)	

ADVICE LETTER NUMBER		ISSUE DATE _		
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PUBLIC SERVICE COMPANY OF COLC	DRADO	Sheet No.	PGE/3113/8 87A
P.O. Box 840 Denver, CO 80201-0840		Cancels Sheet No.	-
E	ELECTRIC RATES		RATE
SPECIAL HIGHW	MAY LIGHTING SERVICE		
SCH	IEDULE SHL		
ADJUSTMENTS This rate schedule is Rate Adjustments as on file	s subject to all applicab and in effect in this ta		
PAYMENT AND LATE PAYMENT CHE Bills for electric s fifteen (15) days from date or before the due date of payment charge of 1.5% per n	ervice are due and pay e of bill. Any amounts the bill shall be subjec	not paid on	T
terms and conditions set Regulations for Street La applicable Rules and Regul The Public Utilities Commit the following special condit 1. Company will provious and replacement for only and will company's distribut 2. Customer will provious device. other street light replacement for st the maintenance ar provided by Compan customer. 3. Special Highway Li	ighting Service and to ations of the Company of ssion of the State of Company of the State of Company and routine or lamps and light sensitive deliver the required estion system. The control of the company of the company of company's lastomer lighting facilities and of company's lastomer lighting facilities and of company's lastomer lighting facilities and company lastomer lighting facilities and company lastomer lighting facilities and company lastom	Rules and all other in file with Colorado and maintenance tive devices energy from and light and own all intenance and other than above to be able only in	
ADVICE LETTER		ISSUE	
NUMBER DECISION NUMBER	VICE PRESIDENT, Policy Development	DATE	y 1, 2007

PGE/3113/83 Sub. Fifth Revised Sheet No.

P.O. Box 840 Denver, CO 80201-0840

DECISION

NUMBER

Cancels 88 Fourth Revised Sheet No.

EL CATRIO BATTO	RATE
ELECTRIC RATES	10.12
STREET LIGHTING SERVICE - UNINCORPORATED AREAS	
SCHEDULE SLU	
APPLICABILITY  Applicable within all territory served for street lighting service in such unincorporated areas in which there is no organization possessed of power to contract for such service. Not applicable to any other street lighting service.	
MONTHLY RATE  High Pressure Sodium Lamps, Burning Dusk to Dawn:  9,500 lumen lamps, 100 watts per lamp,  per customer, per month	\$ 1.58
ADJUSTMENTS  This rate schedule is subject to all applicable Electric Rate Adjustments as on file and in effect in this tariff.	
For Residential customers, bills for electric service are due and payable within fifteen (15) days from date of bill. Residential customers have the option of selecting a modified due date ("Custom Due Date") for paying their bill. The due date can be extended up to a maximum of fourteen (14) business days from the scheduled due date. Customers selecting a Custom Due Date will remain on the selected due date for a period not less than twelve (12) consecutive months. Any monthly total bill amounts of over \$50 for an electric bill or over \$50 for an electric and gas bill combined not paid by the bill date for the following month's bill shall be subject to a payment charge of one percent (1.0%) per month. The Company will remove the assessment of a late payment charge for one billing period, but not more frequently than once in any twelve-month period, at customer's request. The late payment charge will not apply in instances where a Company billing error is involved, or where complications arise with financial institutions in processing payments that are no fault of the customer, or where a customer is current on an active payment arrangement.	
For Commercial and Industrial customers, bills for electric service are due and payable within fifteen (15) days from date of bill. For commercial electric service, any amounts not paid on or before the due date of the bill shall be subject to a late payment charge of 1.5% per month.  (Continued on Sheet No. 88A)	
(continued on brices No. con,	
ADVICE LETTER ISSUE NUMBER DATE	
DECISION VICE PRESIDENT, EFFECTIVE	

Policy Development

DATE

January 1, 2007

PUBLIC SERVICE COMPANY OF COLORADO	Sheet No.	PGE/3113/
P.O. Box 840 Denver. CO 80201-0840	Cancels Sheet No.	
ELECTRIC RATES		RATE
STREET LIGHTING SERVICE - UNINCORPORATED AREA		
SCHEDULE SLU		
subdivided and developed, Street Lig Service will be provided upon receipt petition or other written request for se in the form satisfactory to the Co obtained by the builder or developer sign each electric customer within such subdivi	and other with and only ifies cated stify s in for than l be rvice the iving cords said ithin said plied treet ially rvice ny of ll of ch an being hting of a rvice mpany ed by sublic orado	S
NDVICE LETTER ISSUE		
NUMBER DATE		<del></del>
DECISION VICE PRESIDENT, EFFECTIVE NUMBER Policy Development DATE	Januar	y 1, 2007

JBLIC SERVICE COMPANY OF COLOR	· · · · · · · · · · · · · · · · · · ·	Sheet No.	88B PGE/311
D. Box 840 nver. CO 80201-0840		Cancels Sheet No.	
EL	CTRIC RATES		RATE
STREET LIGHTING SER	VICE - UNINCORPORATED AR	EA	
SCHEDI	JLE SLU		
to the terms restrictive substance the property in subject to Public Servapplicable with The Postate of Col 4. Street lighting system by the Company in practices and under Company's Service Extension Policy.  5. Street Lighting Service Extension Policy.  5. Street Lighting Service Extension Policy.  5. Street Lighting Service Extension Policy.  6. Street Lighting Service Extension Policy.  7. Street Lighting Service Extension Policy.  8. Street Lighting Service Extension Policy.  9. Street Lighting Service Extension Policy	ea proposed to be served and provisions of an uncovenant which prat present and subsequent the area proposed to be and bound by present ice Company of Colorate Company of Colorate Utilities Commissionado.  The sems will be designed an accordance with good the terms and conditionance of the connection and Distribute of the connection and Distribute of the sems of lighting streets, will be supplied at applicable for Street applicable for Street or developer shall be supplied at applicable for Street or developer shall be stherefore until such areas, as defined in particulations, is such that and Service can be an basis at the rate special maintenance and repositives owned and may will not be billed segretations.	nconditional rovides in ant owners of a served are and future ado tariffs rvice filed sion of the and installed engineering ions of the bution Line builder or adjacent to by written set Lighting responsible time as the ragraph 1 of payment for made on an cified under ice provided lacement for intained by parately for ompany owned	
/ICE LETTER MBER		DATE	
CISION MBER	VICE PRESIDENT, Policy Development	EFFECTIVE DATE Januar	ry 1, 2007

PUBLIC SERVICE COMPANY OF COLOR	ADO	Sheet N	PG:	E/3113/
P.O. Box 840 Denver, CO 80201-0840		Cancel: Sheet N	5	-
ELE	ECTRIC RATES		RATE	
TRAFFIC SIGNAL	LIGHTING SERVICE			
SCHE	DULE TSL			
APPLICABILITY Applicable for service served by the Company for Tra	e only to such cities affic Signal Lighting Se			
MONTHLY RATE  Per watt of Connected I	oad	\$	0.00609	R
<u>ADJUSTMENTS</u> This rate schedule is Service Adjustments as on fil	subject to all applicable and in effect in this			
PAYMENT AND LATE PAYMENT CHAR Bills for electric se fifteen (15) days from date or before the due date of the payment charge of 1.5% per mo	rvice are due and pay of bill. Any amounts he bill shall be subjec	not paid on		Т
CONNECTED LOAD  The Connected Load will load of all traffic signal lor intersection.	l be determined by the lights connected to each			
Rate Adjustments shall be de formulas: Ref. No. 010 Traffic Signal Lighting	alculate all non-base ra	ne following Mode, where		
Ref. No. 020 Traffic Signal Lighting	in kWh = 0.2555 * Conne in Flashing Mode, where han fifty percent (50%):	e percent of		
Billing Energy	in kWh = 0.1168 * Conne	cted Load		
(Continued	d on Sheet No. 89A)			
DVICE LETTER		ISSUE DATE		_
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PUBLIC SERVICE COMPANY OF COLORADO	Sheet No. 91 PGE/3113
2 <sub>.</sub> O. Box 840 Denver. CO 80201-0840	Cancels Sheet No.
ELECTRIC RATES	RATE

#### WIND ENERGY SERVICE

#### SCHEDULE WES

#### APPLICABILITY

Applicable as an option by contract to customers who take firm service. Not applicable to street lighting, lighting, standby, or resale service.

#### **DEFINITIONS**

Contract Period. Wind Energy Service for residential customers and commercial customers on Rate Schedule C shall be for a minimum period of twelve consecutive months and then continuing month to month thereafter until terminated. Service for all other commercial and industrial customers shall be for a minimum period of three consecutive years and then continuing month to month thereafter until terminated. After the minimum period, service may be terminated on thirty days' notice.

Wind Energy Resource. Electric capacity and energy generated from wind resources designated for Wind Energy Service.

Wind Energy Service. Customer's monthly energy for which the customer has contracted under this tariff. Customer may contract, in 100 kWh increments, up to customer's total firm load as used under the standard filed tariff rate.

Service Restrictions. Service limited to the total capability of Wind Energy Resources acquired by the Company and designated for Wind Energy Service.

Wind Energy Rate. The Wind Energy Rates are designed starting from the net of the Annual Revenue Requirement for the Wind Energy Resource, less the Wind Benefit defined in the Electric Commodity Adjustment, Tariff Sheet 111B. The Wind Energy Rates are differentiated by delivery service voltage.

#### ADJUSTMENTS

The Wind Energy Service is subject to all base rate Electric Rate Adjustments. Wind Energy Service customers will be charged the non-base rate Adjustments, but the non-base rate Adjustments will be credited against the Wind Energy Rate as shown below to arrive at the Monthly Wind Energy Service Adjustment.

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	_ Sheet No.	91A
O. Box 840 enver, CO 80201-0840	Cancels  Sheet No.	
ELECTRIC RATES		RATE
WIND ENERGY SERVICE		
SCHEDULE WES		
NFORMATION TO BE FILED WITH THE PUBLIC UTILITIES COMMISSION  The Company will file with the Commission on or bef pril 1 an annual report that specifies for the prior year mount of kilowatt hours produced by or purchased from we eneration equipment, achieved annual capacity factors, ine losses associated with the transmission and distribute of energy to customers, and the amount of kilowatt hours are company shall also recalculate the Wind Benefit achieved the prior year in the manner set forth in the Elect commodity Adjustment Tariff. If an adjustment is required the made to the Wind Benefit under the Electric Commod adjustment Tariff, the Company will make a correspond adjustment to the Wind Energy Rates on July 1 so that the Went therefore Rates are designed, assuming full subscription, therefore Annual Revenue Requirement.	ore the ind the ion old The in to lity ling Jind to	
The Wind Energy Service Adjustment is calculated subtracting the AQIR and ECA from the Wind Energy Rate. Sind Energy Rate will change annually on January 1 of ear, except in those years where the Wind Benefit in the sadjusted on July 1, in which case in that year the strengy Rate will also be changed on July 1. The ECA rate schange every quarter. Consequently, the Wind Energy Service adjustment will change every quarter. The following charges used to determine the Wind Energy Service Adjustment amount.	The each ECA Wind will vice are	
(Continued on Sheet No. 91B)		
DVICE LETTER ISSUE DATE		
OMBER	January	1, 2007

		Sheet No. 915	_
P.O. Box 840 Denver, CO 80201-0840	<u></u>	Cancels Sheet No.	
E	LECTRIC RATES	RATE	
WIND EN	ERGY SERVICE		
sci	HEDULE WES		
MONTHLY WIND ENERGY SERVICE	ADJUSTMENT		
Residential			
Wind Energy Rate, per Less ECA, per 100 kWh Less AQIR, per 100 kWh	block: n block:	\$3.5100 \$3.2910 \$0.1200	R
Monthly Wind Energy Se per 100 kWh block:	ervice Adjustment,	\$0.0990	R
Small Commercial  Wind Energy Rate, per Less ECA, per 100 kWh Less AQIR, per 100 kWh	block:	\$3.5100 \$3.2910 \$0.1200	R I R
Monthly Wind Energy Se per 100 kWh block:	ervice Adjustment,	\$0.0990	R
Wind Energy Rate, per Less ECA, per 100 kWh Less AQIR, per 100 kWh Monthly Wind Energy Se	block:	\$3.5100 \$3.2910 \$0.1200	R
per 100 kWh block:		\$0.0990	R
Wind Energy Rate, per Less ECA, per 100 kWh Less AQIR, per 100 kWh Monthly Wind Energy S per 100 kWh block:	n block: Wh block: Service Adjustment,	\$3.4220 \$3.2080 \$0.1000 \$0.1140	RRI
C&I Transmission Wind Energy Rate, per Less ECA, per 100 kW Less AQIR, per 100 kW Monthly Wind Energy S	n block: Wh block:	\$3.3430 \$3.1350 \$0.1000	RI
per 700 kWh block:	tion to the monthly ener	\$0.1080 egy charge on	R
ADVICE LETTER NUMBER		ISSUE January 1, 200 DATE	<i>7</i>
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#### COLO, PUC No. / Electric

January 1, 2007

DATE

NUMBER

PUBLIC SERVICE COMPANY OF COLORADO PGE/3113/90 Sheet No. P.O. Box 840 Cancels Denver, CO 80201-0840 Sheet No. ELECTRIC RATES GENERAL RATE SCHEDULE ADJUSTMENT N The charge for electric service calculated under Company's electric base rate schedules shall be increased by the Rider amount as shown below. Said increase shall not apply to charges determined by Non-Base Rate Adjustments. RIDER General Rate Schedule Adjustment (GRSA) +12.70% I TOTAL: +12.70% ADVICE LETTER ISSUE NUMBER DATE DECISION VICE PRESIDENT, **EFFECTIVE** 

Policy Development

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DECISION NUMBER

PUBLIC SERVICE COMPANY OF COLORADO	<b>6</b> 1	PGE/3113/91
P.O. Box 840 Denver, CO 80201-0840	Sheet No Cancels Sheet No	
ELECTRIC RATES PURCHASED CAPACITY COST ADJUSTMENT		
APPLICABILITY		
All rate schedules for electric service are subject to a Pur Cost Adjustment to reflect the cost of capacity purchased to service. The Purchased Capacity Cost Adjustment amount will annual changes to be effective on January 1 of each year. Capacity Cost Adjustment for all applicable rate schedules is Sheet No. 108D. The Purchased Capacity Cost Adjustment shall keach of the customer classes and for customers subscribing Service.	supply el be subj The Pur as set fo be differe	lectrid ect to T rchased T orth on T ent for
DEFINITIONS		
Purchased Capacity Cost - For the purpose of this tariff, Capacity Cost is defined as the fixed cost components of contracts recorded in Account 555-01 Purchased Power Demand a 05 Purchased Power Demand Qualifying Facilities.	purchase	power
Purchased Capacity Cost Adjustment - The Purchased Capacity is the Retail Projected Purchased Capacity Cost Amount, plurchased Capacity Cost Amount, on a dollar per kilowatt be schedules with demand rates and on a dollar per kilowatt-tariff schedules without demand rates.	us the De asis for	eferred tariff T is for T
Retail Projected Purchased Capacity Cost - Retail Projected Capacity Cost is the retail portion of Purchased Capacity Cost the calendar year less the Air Quality Improvement Rider Credi	t forecas	
(Continued on Sheet No. 108A)		
	•	e de constante de la constante
ADVICE LETTER ISSUE NUMBER DATE		

VICE PRESIDENT, Policy Development

EFFECTIVE DATE

January 1, 2007

## COLO. PUC No. 7 Electric

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PUBLIC SERVICE COMPANY OF CO	DLORADO	PGE/3113 Sheet No. 108A
P.O. Box 840 Denver, CO 80201-0840		Cancels Sheet No.
	ELECTRIC RATES	
PUI DEFINITIONS - Cont'd	RCHASED CAPACITY COST A	DJUSTMENT
		hased Capacity Cost is Actual ed Capacity Cost, and may be
	voided fixed cost assoc	unt of incremental purchased ciated with retired capacity ity Improvement Rider.
actual Purchased Capacit Purchased Capacity Cost an		chased Capacity Cost is the nt 555-01 and 555-05.
Recovered Purchased Capac Purchased Capacity cost Purchased Capacity Cost A	recovered by the Co	urchased Capacity Cost is the ompany's currently effective
RETAIL PROJECTED PURCHASE	D CAPACITY COST AMOUNT	
the Retail Projected		Cost Amount will be equal to st projected for the calendar T ment.
		pacity Cost Amount will be h year to take effect on the T
	(Continued on Sheet No.	. 108B)
DVICE LETTER		ISSUE DATE
UMBER ECISION UMBER	VICE PRESIDENT, Policy Development	effective January 1, 2007

## COLO. PUC No. 7 Electric

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PUBLIC SERVICE COMPANY OF COLO	RADO	Sheet No
P.O. Box 840 Denver, CO 80201-0840		Cancels Sheet No.
PURCI	ELECTRIC RATES HASED CAPACITY COST ADJ	JUSTMENT
	ed Capacity Cost Amo	unt will be equal to the ptember 30 of the previous T
subtracting Recovered	Purchased Capacity (resulting amount, whe	be calculated monthly by Cost from Actual Purchased ther negative or positive,
		ates will be calculated and T ect on the next January 1.
ACTUAL PURCHASED CAPACITY CO	OST	
The Actual Purchased Capacit	_	rchased Capacity Cost amount
RECOVERED PURCHASED CAPACITY	Y COST	
		Iculated monthly by applying T tual rate components for the
·		
(Cont	inued on Sheet 108C)	
ADVICE LETTER NUMBER		ISSUE DATE
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PUBLIC SERVICE COMPANY OF COL	LORADO	PGE/3113/9/ Sheet No. 108C
P.O. Box 840 Denver, CO 80201-0840		Cancels Sheet No.
PUR	ELECTRIC RATES CHASED CAPACITY COST ADJUST	FMENT
PURCHASED CAPACITY COST AD	JUSTMENT	
Adjustment for class i:	s used to determine the Capacity Cost Adjustment =	T
C <sub>1</sub>	Capacity Cost	ail Projected Purchased C C C C C C C C C C C C C C C C C C C
Each proposed revision in accomplished by filing an effect on the next January and information as the Comletter notice to custome placing a legal notice in general circulation in the	y 1 and will be accompanied mmission may require from t ers of the revised rates the local classified sect:	Cost Adjustment will be a lof each year to take T d by such supporting data time to time. The advice T will be accompanied by N ion of a newspaper having N tory such notice will be N
	(Continued on Sheet 108D)	
ADVICE LETTER NUMBER		ISSUE DATE
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	 Sheet No	
P.O. Box 840 Denver, CO 80201-0840	 Cancels Sheet No	

ADVICE LETTER NUMBER		SSUE DATE	
TSL	Energy Charge	0.00761/kWh	$\dashv^{\mathtt{I}}$
SHL, SLO	Energy Charge	0.01481/kWh	I
	SL, SSL		-
	Usage Demand Charge	3.89/kW-Mo	I
TST	Gen Standby Capacity Reservation Fee	0.58/kW-Mo	Ī
PST	Gen Standby Capacity Reservation Fee Usage Demand Charge	0.59/kW-Mo 3.99/kW-Mo	I
	Usage Demand Charge	4.05/kW-Mo	I
Standby Service	Gen Standby Capacity Reservation Fee	0.60/kW-Mo	I
SCS-7	Production Demand Charge	4.58/kw-Mo	I
Special Contrac	et Service		
TG	Demand Charge	4.47/kW-Mo	I
PG	Demand Charge	4.58/kW-Mo	I
SG	Demand Charge	4.65/kW-Mo	I
Commercial & In	dustrial General Service Energy Charge	/ 0.05810/kWh	I
С	Energy Charge	0.01541/kWh	I
Small Commercia	· · · · · · · · · · · · · · · · · · ·		
RD	Demand Charge	3.86/kW-Mo	I
Residential Ser	vice Energy Charge	\$0.01471/kWh	ı
Rate Schedule	Applicable Charge	Monthly Rider Rate	
	RATE TABLE		
		$\nearrow$	
	ELECTRIC RATES PURCHASED CAPACITY COST ADJUSTM	ENT	

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PUBLIC SERVICE COMPANY OF COLURADO	PGE/3113/90
	Sheet No111
P.O. Box 840	Cancels
Denver, CO 80201-0840	Sheet No

# ELECTRIC RATES ELECTRIC COMMODITY ADJUSTMENT

#### APPLICABILITY

All rate schedules for electric service are subject to an Electric Commodity Adjustment (ECA) to reflect the cost of energy utilized to supply electric service. The Electric Commodity Adjustment Factors for all applicable rate schedules are as set forth on Sheet No. 111F and will be applied to all kilowatt-hours sold by the Company with the exception of the kilowatt-hours subject to the Wind Energy Service and any buy-through kilowatt-hours (BT kWh) sold to participants in the Interruptible Service Option Credit (ISOC) program who buy through an Economic Interruption. The ECA Factors for lighting service bills and other non-metered service will be determined by applying the ECA Factor to the calculated monthly kilowatt-hour consumption.

#### OPTIONAL TIME-OF-USE ECA FACTORS APPLICABILITY

Applicable as an optional rate to customers who receive electric service under the Company's general service rate Schedules SG, PG, TG and Special Contract Service customers. To qualify for this option a Schedule SG customer must have demand in excess of 300 kW for twelve (12) consecutive months.

The On-peak hours shall be9:00 AM to 9:00 PM for all non-holiday weekdays. Holidays are defined as New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. The Off-peak period shall be all other hours. The On-peak and Off-peak price differentials are based on the ratio of system marginal costs for a calendar year. The On-peak and Off-peak price ratio will be projected annually and will be filed with the Commission on the first business day of November, and shall remain in effect for the subsequent calendar year. The Optional TOU ECA rates will be updated with the Quarterly ECA rates and will be determined by applying the fixed annual On-peak and Off-peak ratio to the quarterly ECA cost of service.

## OPTIONAL TIME-OF-USE NOTICE AND METERING REQUIREMENTS

Customers choosing the Optional Time-of-Use ECA must make written notification to the Company of this choice. Customers receiving service under the Optional Time-of-Use ECA must have their usage metered by an Interval Data Recorder ("IDR") meter. If a customer requesting the Optional Time-of-Use ECA is currently metered with an IDR meter then the Company shall place the customer on the Optional Time-of-Use ECA rate within thirty (30) days of receiving the customer's written request. If a requesting customer is not currently metered with an IDR meter then the Company will install an IDR meter as soon as reasonably

practicable and the customer will be eligible for the Optional Time-of-Use rate beginning with the first billing cycle immediately subsequent to the installation of the IDR meter.

(Continued on Sheet No. 111A)

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Sheet No.	111A PGE/3113/97
 Cancels Sheet No.	

C

P.O. Box 840 Denver, CO 80201-0840

# ELECTRIC RATES ELECTRIC COMMODITY ADJUSTMENT

#### ELECTRIC COMMODITY ADJUSTMENT QUARTERLY FILING

The Company shall file each quarter, on not less than fifteen (15) days notice, an advice letter with the ECA Factors on Sheet No. 111F to be effective on the first day of the month of the next calendar quarter. Notice to customers of the new rates shall be accomplished by placing a legal notice in the legal classified section of a newspaper having general circulation in the Company's service territory and such notice shall be published within three business days of the filing of the revised ECA factors.

The notice shall inform customers of the ECA Factor changes as well as the impact of the change in average customer bills for residential, small commercial and industrial customers. The Company shall also place the ECA Factors and customer bill impacts on the Company's website. Finally, the Company shall issue a press release to media outlets regarding the filing, including the ECA Factors and the impacts on customers' bills.

#### ELECTRIC COMMODITY ADJUSTMENT

The ECA shall be calculated quarterly with the new ECA Factors to be effective on a prorated basis on the first day of the quarter. The ECA Factors shall be determined by dividing the Quarterly ECA Revenue Requirement by the projected kilowatt-hour sales to which the ECA is applicable for the next calendar quarter. The ECA Factors shall be differentiated by service delivery voltage to reflect line losses.

#### LOSS FACTOR

Loss Factors are as follows:

Transmission 1.0000
Primary 1.0235
Secondary 1.0500

Primary and Secondary voltage losses may be updated by the Company from time to time.

#### QUARTERLY ECA REVENUE REQUIREMENT

The Quarterly ECA Revenue Requirement ("ECARR") shall be calculated using the following equation:

ECARR= (PSC \* PJA) + DAB + 1/4 WB

#### Where:

- 1) PSC is the Projected System Fuel (F),
   Purchased Energy (P), and Purchased
   Wheeling (W) for the next quarter, with
   F, P, and W as defined below.
- 2) PJA is the projected retail jurisdictional allocation factor for the quarter.
- 3) DAB is the Deferred Account Balance.
- 4) WB is the Wind Benefit, as defined below.

(Continued on Sheet No. 111B)

ADVICE LETTER NUMBER		ISSUE DATE
DECISION NUMBER	VICE PRESIDENT, Policy Development	EFFECTIVE DATE January 1, 2007

	111B PGE/3113/98
Cancels Sheet No	

C

P.O. Box 840 Denver, CO 80201-0840

# ELECTRIC RATES ELECTRIC COMMODITY ADJUSTMENT

#### ELECTRIC COMMODITY ADJUSTMENT - Cont'd

The Deferred Account Balance is the difference between the Actual Energy Costs incurred and the ECA revenues collected. Each quarterly filing shall include the Deferred Account Balance from the last day of the month prior to the ECA filing. For example, the February 28 Deferred Account Balance will be included in the ECA filing made in March for the second calendar quarter.

Actual Energy Costs shall be the total of:

(F+P+W) \* Actual Retail Jurisdictional Allocation factor + PVM + 1/4 WB

#### Where:

- 1) F equals the Cost of Fossil Fuel for Generation as recorded in Accounts 501 and 547 (excluding all Handling and Unit Train expenses and excluding fuel allocated to BT kWh).
- 2) P equals the energy-related component of the costs of all Purchased and Interchange Power as recorded in Account 555 (excluding purchased energy expense allocated to BT kWh).
- 3) W equals the energy-related component of the costs of Wheeling associated with Purchased Power, as recorded in Account 565 (excluding wheeling energy expense allocated to BT kWh).
- 4) PVM is the actual Price Volatility Mitigation Costs of the following accounts for the applicable month: 1) Subsidiary Account for Financial Hedges and - FERC Account Numbers 501.17 (steam (tolling and 555.27 plants), 547.17 (combustion turbines) plants/purchased power); and 2) Subsidiary Account for Physical Hedges - FERC Account Numbers 501.15 (steam plants), (combustion turbines) and 555.25 (tolling plants/purchased power). Actual PVM shall include only those premiums or settlement costs actually incurred by the Company in connection with its use of the following financial instruments: Fixed-for-float swaps, call options, costless collars, and New York Mercantile Exchange futures contracts in conjunction with market basis (between Colorado Interstate Gas Company, Northwest Pipeline Company, Henry Hub, or other monthly indices in the areas where the Company regularly procures its natural gas supplies).

(Continued on Sheet No. 111C)

ADVICE LETTER NUMBER		ISSUE DATE				
DECISION	VICE PRESIDENT,	EFFECTIVE DATE	Januarv	1,	2007	

Sheet No.	111c <sup>PGE/3113/9</sup>
Cancels Sheet No.	

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# ELECTRIC RATES ELECTRIC COMMODITY ADJUSTMENT

## ELECTRIC COMMODITY ADJUSTMENT - Cont'd

5) WB is the Wind Benefit. The Wind Benefit is the retail projected avoided capacity cost and projected avoided energy cost associated with the optional Wind Energy Resources on Tariff Sheet 91, less the projected foregone ECA revenue associated with Wind Energy Resource kilowatt hours. The Wind Benefit will be filed annually on the first working day of November for the upcoming year.

The ECA revenue collected for the quarter will be adjusted for billing cycle lag and will include energy-related revenues collected through the Air Quality Improvement Rider.

Interest shall accrue monthly on the average monthly deferred balance (whether the balance is positive or negative). The monthly interest rate shall be the average of the rate for Dealer Commercial Paper (90-day rate) as published daily in the <u>Wall Street Journal</u> under "Money Rates".

#### RECALCULATION OF WIND BENEFIT

By April 1 of each year, the actual Wind Benefit from the prior year shall be recalculated by substituting actual natural gas costs for the former projected natural gas costs in the analyses conducted to determine the avoided energy cost per kilowatt hour associated with the optional Wind Energy Resources on Tariff Sheet 91. The actual avoided energy cost per kilowatt hour shall be multiplied by the actual wind production from the prior calendar year. If the change from the projected Wind Benefit to the actual Wind Benefit, divided by the Wind Energy Resources kilowatt-hours, is greater than one cent, then the ECA Deferred Balance shall be adjusted, for effect July 1, by the change from the projected Wind Benefit to the actual Wind Benefit.

#### ADJUSTMENT FOR SHORT-TERM SALES MARGIN

Positive short-term sales margins from the calendar year shall be shared with retail customers through an adjustment to the ECA. Margin sharing shall be calculated separately for each of the Generation Book margins and Proprietary Book margins. Proprietary Book margins shall be calculated from the Company's share of margins under the Joint Operating Agreement. Within each of these books, the retail jurisdictional Gross Margin shall be aggregated annually. If the aggregated Gross Margin from either book is negative, the negative margin shall not be passed on to retail customers.

If the annual retail jurisdictional aggregated Gross Margin in either book is positive, then such positive annual retail jurisdictional Gross Margin in that book in excess of \$1,023,070 shall be shared annually with retail customers through the ECA as follows:

(Continued on Sheet No. 111D)

ADVICE LETTER NUMBER		ISSUE DATE		
DECISION NUMBER	VICE PRESIDENT, Policy Development	EFFECTIVE Jai	nuary 1,	2007

PUBLIC SERVICE COMPANY OF COLORADO	COLO. PUC No. 7 Electric	PGE/3113/ Sheet No111D	′100
P.O. Box 840 Denver, CO 80201-0840		Cancels Sheet No.	
ELECTRIC ELECTRIC COMMOD		С	
ADJUSTMENT FOR SHORT-TERM SALES MARGIN  1) Generation Book: Gross Margin shared 80 percent retail customers/	in excess of \$1,023	,070 shall be	
<ol><li>Proprietary Book: Gross Margin shared 20 percent retail customers/</li></ol>	n in excess of \$1,023 80 percent Company.	3,070 shall be	
The Company shall include in its of each year a report setting forth to short-term sales margins from the price short-term sales margins will be divishall be subtracted from each quarter calendar year. The quarterly filing include the ECA deferred balance as onetted against the 2006 positive short	the retail customer shaper calendar year. The ided by three (3), an erly ECARR for the refor effect April 1, 2 of December 31, 2006,	total positive total positive d the quotient mainder of the 1007 shall also	
INCENTIVE MECHANISM  The Incentive mechanism includes Benefit ("BLEB") incentive and the incentive. The two incentive mechani year basis. Included in the Company's beginning April 2008, will be the tot the prior calendar year. The total i three (3) and the quotient shall be remainder of the calendar year. To incentives, together, shall not exceed	Economic Purchase B sms will be determined quarterly filing for al amount of the Incentive amounts shall added to quarterly he maximum level of	enefit ("EPB") on a calendar effect April 1, tives earned in be divided by ECARR for the	
The BLEB reflects increased outpushall be calculated as follows:	t from the Company's	coal units and	
BLEB Incentive = (Actual BLEB-BLEB	Benchmark) *RJS * (GPI*	GHR-CP) *0.20	
Where:  1) Actual BLEB is the actual coal units for the calendar yea.  2) BLEB benchmark equals the average annual coal production plants for the most recent thre.  3) RJS is the actual retail actual production costs for the.  4) GPI is the annual average of identified in Inside FERC as Month Rocky Mountain Index.	r.  greater of 18,300,00  from Company-owned company-owned	00 MWh, or the coal-fired power f the Company's	

ADVICE LETTER NUMBER		ISSUE DATE
DECISION NUMBER	VICE PRESIDENT, Policy Development	EFFECTIVE January 1, 2007

(Continued on Sheet No. 111E)

PUBLIC SERVICE COMPANY OF COLO	ORADO	PGE/3113/1 Sheet No. 111E
P.O. Box 840 Denver, CO 80201-0840		Cancels Sheet No
ELEC	ELECTRIC RATES CTRIC COMMODITY ADJUSTN	MENT C
the Company's nature generation or generation agreements. The GH heat rate of the Company-owned term power purchase	al heat rate from the ral gas-fired generat ation acquired through IR shall be changed to ompany's natural gas-f generation and generation are agreements.	prior calendar year of all ion, either Company-owned long term power purchase equal the average annual ired generation, including ation provided under long
If the BLEB Incentiv the Company or paid by the		centive shall be earned by
The EPB is the value The EPB shall be calculated		term economic purchases.
EPB Incentive	= ((ESC - ASC)-6.7 mil	lion)*RJS* 0.20
native load (wholesal 2) ASC is the Act native load (wholesal	e and retail) absent s tual System Costs to e and retail) with sho ual Retail Jurisdictio	serve the Company's total hort-term purchases. serve the Company's total ort-term energy purchase. anal Share of the Company's
If the EPB Incentive Company or paid by the Comp		tive shall be earned by the
(Continued on	n Sheet No. 111F)	
ADVICE LETTER NUMBER		ISSUE DATE
DECISION NI MARER	VICE PRESIDENT,	EFFECTIVE DATE January 1, 2007

UBLIC SERVICE COMPANY OF COLORADO		Sheet NoPGE/3	113/1
O. Box 840 enver, CO 80201-0840		Cancels Sheet No	
ELECTRIC ELECTRIC COMMODITY	RATES ADJUSTMENT FACTORS		C
ECA FACTORS FOR THE	FIRST QUARTER OF 200		
CA Factors for Billing Purposes			
Residential, applicable to all kill under any Rate Schedule for Reside		\$10.10329\rkWh	I
Small Commercial, applicable to all under any Rate Schedules for Small			I
Commercial and Industrial Secondar kilowatt-hours used under any Rate	e Schedule for Comme	cial	
and Industrial Secondary Service R Commercial and Industrial Service		\$0.03291/kWh	I
Optional Time-of-Use Off-Peak (On-Peak to Off-Peak Ratio		\$0.02770/kwh 1.43	I
Optional Time-of-Use On-Reak		\$0.03960/kwh	Ī
Primary General, applicable to all		d	
under any Rate Schedule for Comment Primary or Special Contract Service		\$0.03208/kWh	I
Optional Time-of-Use Off-Peak		\$0.02740/kwh	
On-Peak to Off-Peak-Ratio Optional Time-of-Dse On-Peak		1.43 \$0.03920/kwh	I
Transmission General, applicable		s used	
under\any\Rate Schedule for Comme: Transmission Service	rcial and Industrial	\$0.03135/kWh	I
Optional Time-of-Use Off-Peak		\$0.02710/kwh	I
On-Peak to Off-Peak Ratio Optional Time-of-Use On-Peak		1.43 \$0.03880/kwh	I
Lighting, applicable to all kilow			
Rate Schedule for Commercial Light Lighting Service	ting or Public Stree	t \$0.03291/kWh	I
	1		_
		·	
VICE LETTER MBER	ISSUE DATE	January 1, 2007	l 
CISION VICE	E PRESIDENT, EFFECT	IVE	_

# ATTACHMENT C

PGE/3113/104

Sheet No	12
Cancels	
 Sheet No.	

P.O. Box 840 Denver, CO 80201-0840

GAS RATES	RATE
GAS SERVICE	
SCHEDULE OF CHARGES FOR RENDERING SERVICE	
To institute or reinstitute gas service requiring a premise visit	\$ 42.00
To institute or reinstitute both gas and electric service at the same time requiring a premise visit	67.00
To transfer service at a specific location from one customer to another customer where such service is continuous, either gas service or both gas and electric service at the same time not requiring a premise visit	8.00
	0.00
To provide a non-regularly scheduled final meter Reading at customers request	15.00
To perform non-gratuitous labor for service work in addition to charges for material is as follows:	
Trip Charge	29.00
For service work during normal working hours, per man-hour	53.00 53.00
through Saturday. The overtime rate shall be, per man hour Minimum Charge, one hour	67.00 67.00
holidays, per man hour	81.00 81.00
ETTER ISSUE DATE	

ADVICE LETTER NUMBER		ISSUE	
DECISION NUMBER	VICE PRESIDENT, Policy Development	EFFECTIVE DATE _	January 1, 2007

PGE/3113/105 \_\_\_Sheet No. \_\_\_\_12A

P.O. Box 840 Denver, CO 80201-0840	Cancels Sheet No.
GAS RATES	RATE
GAS SERVICE	
SCHEDULE OF CHARGES FOR RENDERING SERVICE	
To process a check from a customer that is returned the Company by the bank as not payable	
To achieve payment from a customer who opts his/her monthly natural gas bill with a credit o card, a per transaction convenience fee of \$4.8 be charged for any credit or debit card payment \$500, and an additional \$4.85 shall be assess each \$500 increment above the initial \$500 payment	r debit 5 shall : up to sed for
For a customer with a combined gas and electric bi per transaction convenience fee shall be based total combined charges for gas and electric serv will be assessed only once if a customer pays combined gas and electric monthly bill as a credit/debit card transaction.	on the ice and his/her
	January 1, 2007
ADVICE LETTER ISSU DATE	
VICE PRESIDENT, DECISION Policy Development EFFE NUMBER DATE	CTIVE

PGE/3113/106

		She	et No14	
P.O. Box 840 Denver, CO 80201-0840		Can She	cels et No	
N	ATURAL GAS RATES		RATE	
RESIDEN	TIAL GAS SERVICE			ĺ
so	CHEDULE RG			
APPLICABILITY Applicable within the Service Company of Colorado Residential service. Not a		Nos. 4-9 to		
	harge, per customer used per Therm		\$10.00 \$ 0.07923	
MONTHLY MINIMUM			\$10.00	
GAS RATE ADJUSTMENT  This rate schedule is commencing on Sheet No. 40.	subject to the Gas Rate	Adjustments		
GAS COST ADJUSTMENT This rate schedule is commencing on Sheet No. 50.	subject to the Gas Cos	t Adjustment		
(15) days from date of biloption of selecting a mod for paying their bill. The maximum of fourteen (14) b	are due and payable will. Residential custome ified due date ("Custome due date can be extensiones days from the signal custome Due Date will a period not less than athly total bill amounts \$50 for an electric abill date for the followa payment charge of any will remove the assone billing period, by twelve-month period, as charge will not apply gerror is involved, sinancial institutions in the customer,	ers have the n Due Date") nded up to a cheduled due all remain on twelve (12) of over \$50 and gas bill wing month's one percent essment of a ut not more at customer's in instances or where a processing or where a		T U U U U U U U U U U U U U U U U U U U
ADVICE LETTER NUMBER		ISSUE DATE		
DECISION NUMBER	VICE PRESIDENT, Policy Development	EFFECTIVE Jan	uary 1, 2007	_

#### COLO. PUC No. 6 Gas

PUBLIC SERVICE COMPANY OF COLO	DRADO	Sheet No.	PGE/3113/10 14A
P.O. Box 840 Denver, CO 80201-0840		Cancels Sheet No.	
	IATURAL GAS RATES		RATE
RESIDEN	ITIAL GAS SERVICE	***************************************	
S	CHEDULE RG		
period of twelve (12) consterminated, where service days' notice.  RULES AND REGULATIONS Service supplied undeterms and conditions set	his schedule shall be for a secutive months and thereafte is no longer required, or er this schedule is subject forth in the Company's Rull The Public Utilities Commission	r until n three to the les and	S
ADVICE LETTER NUMBER	ISSUI DATE		
DECISION NUMBER	VICE PRESIDENT, EFFE Policy Development DATE	CTIVE Januar	y 1, 2007

PUBLIC SERVICE COMPANY OF COLOR	RADO	Sheet N	PGE/3113/1
P.O. Box 840 Denver, CO 80201-0840		Cancels Sheet N	S
NA	TURAL GAS RATES		RATE
RESIDENTIAL GAS	OUTDOOR LIGHTING SERVICE	Ε	
SC	CHEDULE RGL		
APPLICABILITY  Applicable within the Service Company of Colorado only to Residential service the mantle type where the nanot pass through the mete consumption and the luminain 1976. Not applicable to res	, customer-owned gas luatural gas for such lumier measuring customer's re was installed prior	nos. 4-9, minaires of naires does other gas	
Charge for each addition	mantle fixture, per fixt onal mantle over two man re	tles,	7.16
MONTHLY MINIMUM  Minimum charge shall be	e the billing under this	schedule.	
GAS RATE ADJUSTMENT  This rate schedule is commencing on Sheet No. 40.	subject to the Gas Rate	Adjustments	
GAS COST ADJUSTMENT  This rate schedule is commencing on Sheet No. 50.	subject to the Gas Cost	Adjustment	
(15) days from date of bill option of selecting a modi for paying their bill. The maximum of fourteen (14) but	are due and payable wit l. Residential custome fied due date ("Custom e due date can be exten usiness days from the so a Custom Due Date wil	rs have the Due Date") ded up to a cheduled due l remain on	T
consecutive months. Any monfor a gas bill or over \$ combined not paid by the bill shall be subject to (1.0%) per month. The Compalate payment charge for confrequently than once in any request.	thly total bill amounts 550 for an electric ar ill date for the follow a payment charge of any will remove the assemble billing period, but	of over \$50 and gas bill wing month's one percent essment of a set of more	N N N N N
(Continue	d on Sheet No. 15A)		
ADVICE LETTER NUMBER		ISSUE DATE	
DECISION NUMBER	VICE PRESIDENT, Policy Development	EFFECTIVE DATE Januar	y 1, 2007

PUBLIC SERVICE COMPANY OF COLORADO	PGE/3113/109 Sheet No. 15A
P.O. Box 840 Denver, CO 80201-0840	Cancels Sheet No.
NATURAL GAS RATES	RATE
RESIDENTIAL GAS OUTDOOR LIGHTING SERVICE	
SCHEDULE RGL	
PAYMENT AND LATE PAYMENT CHARGE - Cont'd The late payment charge will not apply in instances Company billing error is involved, or where compliants with financial institutions in processing payment are no fault of the customer's, or where a customer is on an active payment arrangement.  CONTRACT PERIOD  New contracts are not available hereunder. Where eservice is no longer required customer may terminate on three days' notice.  RULES AND REGULATIONS  Service supplied under this schedule is subject terms and conditions set forth in the Company's Ru Regulations on file with The Public Utilities Commist the State of Colorado and the following special condition. The gas light fixture and customer's piping sowned and serviced by the customer. Should Company and and serviced by the customer. Should Companyes that to perform service on the gas light fix customer's piping such service shall be maccordance with Company's standard gas service pocharges shall be made in accordance therewith.  2. Service hereunder is available only to mantle the luminaires at locations receiving service under the schedule as of March 31, 1976.  3. Service hereunder is subject to further specification and regulations for gas lights as set forth in the and Regulations section of this tariff.	to the les and sion of ons: hall be apany be ature or lade in licy and lype gas his rate c rules
ADVICE LETTER ISSUE NUMBER DATE	
	CTIVE

Attachment D
Page 1 of 10
Docket No. 06S-234EG
Exhibit ELC-9
Page 1 of 7

### Standard Common    17,000	Description	PSCo Exhibit LHP-2.1 (Col 1) Plant Balance	Existing Rate	PSCo Exhibit LHP-2.1 (Col 4) Present	Staff Rate	Staff Annual Amount	Increase or (Decrease)	PSCo Exhibit LHP-2.1 (Col 9) Proposed	Increase or (Decrease) to PSCo Proposed
960,704 5.880 56.489 2.275 21.866 (34.633) 1,759,985 1.380 2.3936 2.617 46.099 22.123 2,266,863 2.440 14.389 1.828 14.138 (2.65.744) 9,264,136 1.380 1.828 1.828 1.7381 3.502 2,266,863 2.240 14.389 1.828 1.438 1.7381 3.502 2,266,863 2.240 1.2387 2.282 8.666 8.666 3.8400 1,540,200,331 3.230 2.860 3.0135 1.913 2.1437 (10.742) 2,266,864 2.240 1.246 1.914 2.247 (14.645) 1,140,200,331 3.230 3.230 3.0135 1.913 2.243 1.007 2,266,966 2.240 3.0135 1.913 2.243 1.007 2,266,967 2.240 3.0135 1.627 3.01065 8,123,772 1.540 3.0135 1.627 3.01065 6,113,876 1.440 3.144 6.45 1.528 3.240 (17.042) 2,266,072 2.300 1.917 2.829 1.626 3.1462 2,276,072 2.300 1.917 2.829 1.626 3.409 140,223,966 1.390 1.980,502 1.574 3.9166 6,591,692 2.300 1.980,502 1.574 3.9166 1,140,020,331 3.240 3.1410 3.142 1.528 1.626 3.409 140,223,966 1.390 1.980,502 1.574 3.409 140,223,966 1.390 1.980,502 1.574 3.409 140,223,966 1.390 1.980,502 1.574 3.409 140,223,966 1.390 1.980,502 1.574 3.409 140,223,966 1.390 1.980,502 1.574 3.248 3.281 15,906,903 3.770 1.900,503 1.240 3.864 3.48247 5.966,436 1,156,482 2.340 2.460 3.409 1.156,693 1.167,732 1.167,734 1				Necovery					
1900,704 580 56,489 2.75 2186 (34,53)  9599,386 6.260 6.00,922 5.65 34,138 2.75 2.86 (34,63)  26,413 1.550 1.650 1.65,84 1.964 4.138 3.00  2,266,989 1.850 1.65,94 1.964 1.238 3.00  2,266,989 1.850 1.65,94 1.964 1.238 3.00  2,266,989 1.850 1.65,94 1.964 1.238 3.00  2,266,989 1.850 2.850 3.04  1,150,250 2.850 3.80 4.19  1,150,250 2.850 3.80 4.19  1,150,250 2.80 3.04  1,150,250 3.80 3.90  1,150,250 3.80 3.90  1,150,250 3.80 3.90  1,150,250 3.80 3.90  1,150,250 3.80 3.90  1,150,250 3.80  1,150,250 3.80  1,150,250 3.80  1,150,250 3.80  1,150,250 3.80  1,150,250 3.80  1,150,250 3.80  1,150,250 3.80  1,150,250 3.80  1,150,250 3.80  1,150,250 3.80  1,150,250 3.80  1,150,250 3.80  1,150,250 3.80  1,150,250 3.80  1,150,250 3.80  1,150,250 3.80	nents				:			,	
9,599,386 (2.86) 600,922 3.585 344,188 (256,744) 9,526,414 1,550 14,389 1928 17,186 13,502 1,413 15.50 14,389 1928 17,186 13,502 1,413 15.50 14,389 1928 17,861 3,502 1,502 1,503 1,504 1,		960,704	5.880	56,489	2.275	21,856	(34,633)	21,856	•
2026,413         1,560         14,359         1928         17,861         3,502           2,266,696         2,840         42,649         15,684         1964         17,861         3,502           2,266,696         2,870         42,649         15,684         1964         17,861         3,604           2,266,696         2,870         42,890         2,663         36,440         1,286         10,697         36,400           1,420,280         2,860         3,6193         2,282         36,441         1,2067         1,4187         (2,997)           1,644,225         2,840         812,136         1,687         1,4187         1,4187         1,4187         1,4187         1,4187         1,4187         1,4187         1,4187         1,4187         1,4187         1,4187         1,4187         1,4188         1,4187         1,4187         1,4188         1,4187         1,4187         1,4188 </td <td></td> <td>9.599.386</td> <td>6.260</td> <td>600,830</td> <td>3.585</td> <td>344.138</td> <td>(256.784)</td> <td>344.138</td> <td>•</td>		9.599.386	6.260	600,830	3.585	344.138	(256.784)	344.138	•
2,266,989         1,440         15,384         1,964         17,387         1,2,391         1,2,387         1,4,437         1,4,387         1,4,387         1,4,387         1,4,317         1,4,317         1,4,437         1,4,317         1,4,437         1,4,437         1,4,437         1,4,437         1,4,437         1,4,437         1,4,437         1,4,438         1,4,437         1,4,438         1,4,437         1,4,438         1,4,438         1,4,438         1,4,438         1,4,438         1,4,438         1,4,438         1,4,438         1,4,438         1,4,438         1,4,438         1,4,438         1,4,438         1,4,438         1,4,439         1,4,438         1,4,438         1,4,438         1,4,438         1,4,438         1,4,438         1,4,438         1,4,438         1,4,438         1,4,438         1,4,438         1,4,438         1,4,438         1,4,438         1,4,438         1,4,438         1,4,438         1,		926,413	1.550	14,359	1.928	17,861	3,502	17,861	•
2,286,556         1,880         42,616         3.558         80,655         35,040           1,544,555         2.20         50,187         2.282         35,448         10,655         35,448           1,544,555         2.20         50,187         2.282         35,244         14,300         14,300         14,300         14,300         14,300         14,300         14,300         14,300         14,300         14,300         14,300         14,300         14,400         14,405         15,859         15,00		629,663	2.440	15,364	1.964	12,367	(2,997)	12,367	
2.84,555         2.570         74,390         2.653         74,147         (203)           1.50,260         2.650         7.340         2.643         74,147         (203)           1.120,260         2.650         30,135         1.913         21,431         (14,951)           1.120,260         2.690         30,135         1.933         2290,931         (203)           2.8,569.345         2.840         812,136         2.653         20,606         (87,04)           10,300,31         2.27,76         1.440         31,424         1.878         32,258         9,203           22,786,27         1.400         351,083         1.56         1.24,781         10,236           6,113,587         1.400         351,084         1.576         96,257         31,425           6,831,76         1.400         351,084         1.576         96,275         31,400           6,831,76         1.400         351,084         1.576         96,275         31,400           1,930,80         1.31,412         1.576         91,286         1.44,910         1.44,910           1,930,80         1.31,412         1.52,480         1.57,44         1.52,286         1.44,910         1.51,412         1.5		2,266,989	1.880	42,619	3.558	80,659	38,040	80,659	t
1,545,55   3,250   50,197   2,222   3,246   (14,951)     1,100,200   331   3,230   3,32,46   (14,951)     1,200,203,31   3,230   3,32,701   2,957   2,14,31   (1,0,0,23)     1,200,331   3,230   3,32,701   2,957   2,14,31   (1,0,0,23)     1,200,331   3,230   3,32,701   2,957   2,14,31   (1,0,0,23)     1,200,331   3,230   3,32,701   2,957   2,14,31   (1,0,0,23)     1,200,331   3,230   3,32,701   2,957   2,99,91   2,667     1,200,321   2,20,931   2,73,305   1,24,31   3,269   3,269   3,1462     1,200,321   2,20,931   1,376   1,22   3,322   3,466     1,200,321   2,320   2,1,245   1,375   1,24,285   1,376   1,24,285     1,200,323   3,266   1,320   1,34,285   1,34,285   1,34,285     1,200,41   2,200   1,390,502   1,574   2,208,698   2,56,698     1,200,41   2,200   1,44,289   1,44,599   2,56,698     1,200,41   3,20,602   1,47   3,466   3,48,247   1,44,486   2,469     2,004,42   2,1,47   2,1,47   2,29,684   3,26,144		2,894,555	2.570	74,390	2.563	74,187	(203)	74,187	•
1,172,030,331 3.23 3.32,701 2.653 7.30,065 (82,072) 28,566,345 2.840 27,7136 2.653 7.30,065 (82,072) 28,566,345 2.840 27,730 2.653 7.30,065 (82,072) 28,566,345 2.840 27,730 1.656 2.73,064 1.546 1.256 3.1462 2.73,064 1.246 3.27,741 1.03,00,331 1.656 1.22,788,272 1.540 35,7064 1.248 36,255 31,462 2.73,064 1.248 36,257 1.24,285 31,462 2.23,064 1.24,285 1.24,285 1.24,285 1.24,285 1.24,285 1.34,42 2.24,285 1.34,42 2.24,44 2.24,44 3.24,48 2.24,44 3.24,48 2.24,44 3.24,48 2.24,44 3.24,48 2.24,44 3.24,48 3.24,44 3		1,544,525	3.250	50,197	2.282	35,246	(14,951)	35,246	•
28,666,345 3.249 332,171 2.037 2.11,078 (120,022) 28,666,345 16.70 273,305 18.33 299,981 26,676 8,13,71 14,00 37,054 15.89 229,981 26,676 22,786,272 15.40 351,093 15.75 39,056 6,113,871 1400 87,054 15.89 802,555 31,482 6,113,871 1400 87,054 15.89 802,555 31,482 6,113,871 1400 87,054 15.89 802,555 31,482 6,113,871 1400 87,054 15.89 802,555 31,482 10,266,386 12.30 121,245 1872 142,285 110,304 10,266,386 12.30 121,245 1872 144,339 15.66 2,288,143 2.30 15,613 170 2.893 11,614,339 15.66 12,159,48,42 2.170 189,481 2.140 110,532 15,426 12,159,482 2.170 180,737 2.140 160,737 2.144,539 15.66 12,166,832 6.64 13.4192 6.67 1144,539 27,068 12,166,382 6.64 13.4192 6.67 1144,539 27,068 12,166,832 6.64 13.4192 6.67 1144,539 27,068 12,166,832 6.64 13.4192 6.67 1144,539 27,068 12,166,570 179 2.80 3946,623 3.289 144,539 2.814 13,168,770 1810 1400,737 2.140 110,453 12,165,998 2.810 179,478 2.898 147,076 110,453 13,168,770 1810 1810 1810 1810 1810 1810 1810 1		1,120,260	2.690	30,135	1.913	21,431	(8,704)	21,431	. (760.037)
16,386,387 1,700 273,305 1833 209,381 26,675 17,700 174,545 1,500 174,781 10,236 1,477 140 174,545 1,500 174,781 10,236 1,477 1400 174,545 1,500 174,781 10,236 1,477 1400 174,781 175 175 175 175 175 175 175 175 175 17		10,300,331	3.230	332,701	2.05/	730.065	(120,823)	981 427	(159,037)
8,123,775 1,410 114,545 1,536 124,781 10,236 2,786,772 1,400 87,063 1,678 98,255 9,476 6,113,687 1,370 87,766 1,526 98,232 9,476 6,639,152 0,320 2,142 1,526 98,232 9,476 6,639,152 0,320 2,144 1,526 98,232 9,476 6,639,152 0,320 2,144 1,526 1,526 98,232 9,476 10,266,586 1,230 1,546,52 1,526 110,532 15,689 1,40,333,866,1139 2,480 119,692 1,576 110,532 15,889 1,2,69,68 1,330 1,546,52 1,544 110,532 15,889 1,2,19,646 1,330 1,246,144 11,459 1,10,532 15,889 1,2,19,646 1,310 1,414,320 1,446 1,446 1,446 1,40,333,86 1,40 1,40,40 1,		26,390,343 16,365,595	1.670	273.305	1.833	299,981	26.676	461.837	(161,856)
22,798,272         1,540         35,1093         1,678         382,555         31,482           6,218,127         1,400         87,064         1,548         96,257         9,203           6,218,127         1,400         87,064         1,548         96,257         9,203           6,218,127         1,400         87,045         1,548         96,257         9,476           6,816,376         1,280         1,320         1,134         1,556         19,666         6,747           10,266,586         1,280         1,310         1,513         1,526         16,668         25,266           10,226,586         1,390         1,513         2,566         34,009         (17,300)           1,266,176         2,300         1,513         2,586         34,009         (17,300)           1,147,170         3,866,119         2,460         1,950         2,886         28,816           1,147,070         1,147,702         1,147,702         1,052,68           1,145,59         3,866,137         1,46         1,470         1,147,702         1,052,68           1,145,50         1,147,702         1,147,702         1,052,68         1,147,702         1,052,68           1,145,50,06		8,123,775	1.410	114,545	1.536	124,781	10,236	185,303	(60,522)
6,218,127 1,400 87,054 1,548 96,257 9,203   6,218,127 1,400 87,764 1,548 96,257 9,203   6,618,125 1,400 87,054 1,526 91,322 9,476   6,639,162 0,320 2,1,245 1,872 1,526 91,666 6,747   10,266,685 1,390 1,950,502 1,574 2,208,698 25,266   140,323,866 1,390 1,950,502 1,574 2,208,698 25,8196   12,169,488 2,380 1,960,502 1,574 2,208,698 25,8196   12,169,488 2,380 1,960,502 1,574 1,0532 2,581 1 19,908 3,170 6,831 2,842 2,842 3,442 2,842   12,169,488 2,380 2,893,85 2,864 3,492,47 5,886 9 1,004,004   312,936,605 1,875 5,866,373 1,907 2,566,495 102,122   2,016,832 6,654 1,875 5,866,373 1,907 2,566,495 102,122   2,016,832 6,654 1,875 5,866,373 1,907 2,566,495 102,122   2,016,832 6,654 1,875 5,866,373 1,907 2,566,495 102,122   2,016,832 6,654 1,432 2,460 3,46,23 3,49 2,47,076 112,1655   2,022,6,706 3,304 2,810 7,94,707 1,147,702 1,162,695   2,022,6,706 3,304 2,810 7,94,707 1,147,702 1,162,695   2,022,6,706 3,304 1,405,633 3,599 1,283,978 (121,1655   2,0348,318 3,334 6,991 2,657 1,994,591 2,653 1   2,0348,318 3,334 6,991 2,653 1,904,53 1,906,555 1,904,53 1,906,555 1,904,53 1,906,555 1,904,53 1,906,555 1,904,53 1,906,555 1,904,53 1,906,555 1,904,504 1,904,53 1,906,555 1,904,504 1,904,53 1,906,555 1,904,504 1,904,504 1,906,53 1,906,555 1,904,504 1,904,504 1,906,53 1,906,555 1,904,504 1,904,504 1,906,53 1,906,555 1,904,504 1,904,504 1,904,504 1,906,53 1,906,555 1,904,504 1,904,504 1,906,53 1,906,555 1,904,504 1,904,504 1,906,53 1,906,555 1,904,504 1,904,504 1,904,504 1,906,53 1,906,555 1,904,504 1,		22,798,272	1.540	351,093	1.678	382,555	31,462	567,905	(185,350)
6,113,587 1,370 83,756 1,525 93,232 9,476 6,613,761 1,610 8,419 1,577 1,424,285 103,040 10,266,585 1,280 13,1412 1,526 1,566 868 25,256 1,280 13,1412 1,526 1,504 8,409 1,505 103,040 140,323,866 1,390 1,505 1,574 2,286,898 258,196 2,486,149 2,460 1,17,483 2,559 1,10,532 1,5428 1,5428 1,19,908 3,170 1,17,483 2,559 1,44,599 1,10,532 1,5428 1,10,532 1,10,532 1,10,6		6,218,127	1.400	87,054	1.548	96,257	9,203	133,130	(36,873)
6,839,52         1,460         84,919         1,576         91,666         6,747           6,839,52         1,320         21,245         1,872         124,285         103,040           10,266,586         1,280         1,31         1,574         1,574         1,286         66,686         25,286,20           2,286,207         2,300         1,950,62         1,574         2,208,688         258,196         25,103         1,574         2,208,688         258,196         258,196         17,930         1,745,458         2,308         1,173         2,81         1,542         1,530         1,542 <td></td> <td>6,113,587</td> <td>1.370</td> <td>83,756</td> <td>1.525</td> <td>93,232</td> <td>9,476</td> <td>130,525</td> <td>(37,293)</td>		6,113,587	1.370	83,756	1.525	93,232	9,476	130,525	(37,293)
6,639,152 0.320 21,245 1872 124,255 103,040 1,026,568 1.280 1.280 131,412 1.526 156,688 25,256 2.228,077 2.386 1.390 1.506 34,009 1.70,930 1.506 34,009 1.70,930 1.506 34,009 1.70,930 1.506 34,009 1.70,930 1.506 34,009 1.70,930 1.506 1.950,502 1.574 2.208,698 2.28,196 2.56,642,24 2.380 2.86,395 2.864 348,247 5.889 1.70 1.90,8 3.170 1.60,737 2.740 1.56,733 1.66,733 1.70 1.60,737 2.740 1.56,733 1.46,733 1.507 1.59,68 1.05,733 1.507 1.59,68 1.05,733 1.507 1.59,68 1.05,733 1.507 1.59,68 1.05,733 1.507 1.59,68 1.05,733 1.507 1.59,68 1.05,733 1.507 1.59,68 1.05,733 1.507 1.59,68 1.05,733 1.507 1.59,69 1.75,702 1.505,884 1.505		5,816,376	1,460	84,919	1.576	91,666	6,747	126,855	(35,189)
10,266,565 1,200 131,412 1,526 156,668 25,256 1,600 140,323,866 11200 1,500 15,926 1,500 140,323,866 119 2,460 1950,502 1,574 2,208,698 28,196 16,426 3,866,119 2,460 1950,502 1,574 2,208,698 28,196 16,426 110,532 15,426 16,426 19,908 1,174,813 2,559 144,539 2,844 2 1,590 117,483 2,559 144,539 2,844 2 1,500 1,400 1,572 1,900 1,00		6,639,152	0.320	21,245	1.872	124,285	103,040	124,285	* 6
2,258,207         2,300         51,339         1,506         34,009         (17,930)           1,952,502         1,574         2,208,688         258,196         36,107         15,426         25,009         17,430         25,009         17,426         258,196         258,196         25,009         17,426         258,196         258,196         258,196         25,009         17,426         110,532         258,196         25,005         15,426         110,532         258,196         25,005         110,532         27,005         27,055         110,532         27,055         27,045         27,046         27,047         27,046         27,047         27,046		10,266,585	1.280	131,412	1.526	156,668	25,256	229,048	(72,380)
140,323,3866 1,330 1,950,002 1,574 2,208,698 228,199 2,460 3,866,119 2,460 117,483 2,589 144,539 27,055 12,99,458 2,380 289,395 2,864 348,247 56,885 27,055 12,908 3,170 6,31 2,842 144,539 27,055 12,956,695 1,875 5,866,373 1,907 5,968,495 102,122		2,258,207	2.300	51,939	1.506	34,009	(17,930)	82,741	(48,732)
5,866,119 2,460 95,107 2,839 110,532 170,542 170,542 170,542 170,542 170,548 2,844 348,247 566 (65) 631 2,842 566 348,247 566 (65) 631 2,842 566 348,247 566 (65) 631 2,842 566 (65) 631 2,842 566 (65) 631 2,842 566 (65) 631 2,842 566 (65) 631 2,842 566 (65) 631 2,842 566 (65) 631 2,842 665 64 164,533 (4,004) 65,2016,832 6,654 144,192 6,667 134,456 20,168,32 6,654 144,707 60,453 32,813 20,216,706 33,601 6,32 6,77 1,147,702 1,052,684 7,186,570 3,560 257,279 3,613 229,651 10,453 2,328 13,593,054 2,550 3,46,623 3,599 1,283,978 (121,655) 27,856,961 2,530 704,791 1,007,841 (470,344) 667,568 1,369,61 2,530 1,283,978 (121,655) 20,338,549 3,710 754,473 6,667 1,396,555 698,109 20,338,549 3,710 754,473 6,667 1,396,555 698,109 20,352,239 2,260 663,361 2,364 667 2,488,513 1,447,979 1,447,979 1,344,366 2,573 1,344,366 2,573 1,344,366 2,573 1,344,366 2,573 1,344,366 2,573 1,344,366 2,573 1,344,366 2,573 1,344,366 2,573 1,344,366 2,573 1,344,366 2,573 1,344,366 2,573 1,344,366 2,573 1,344,366 2,573 1,344,366 2,573 1,344,366 2,573 1,344,366 2,573 1,344,366 2,573 1,344,366 2,573 1,344,366 2,573 1,344,366 2,574 1,344,366		140,323,866	1.390	1,950,502	1.574	2,208,698	258,196	3,021,173	(812,475)
12,159,488 2.380 289,395 2.384 348,477 2.740 110,490 2.384 348,485 100,49,908 3.170 160,737 2.740 166,733 (4,004) 31,293,645 1.875 2.816,373 1.907 5,988,495 102,122 (6.65) 2.016,832 6.654 134,192 6.667 134,456 2.016,832 6.654 2.170 894,781 3.405 817,594 332,813 2.828,949 2.810 2.828,949 2.810 79,493 2.888 81,134 1.641 2.828,949 2.810 79,493 2.888 81,134 1.641 2.828,949 2.810 794,470 844,066 11,392,855 3.856,961 2.828,949 2.810 794,470 844,066 11,392,855 3.856,961 2.650 346,623 3.899 1,283,978 (121,655) 27,856,961 2.530 704,778 6.667 1,396,590 6.01,431 2.653,814 6.667 1.348,661 2.53,874 6.967 1.356,904 601,431 2.633,814 6.667 1.348,661 2.350 1.341,326 6.657 1.341,326 2.667 1.341,326 2.667 1.341,326 2.670 2.753,153 2.173 2.240,674 1.341,376 2.372 1.341,326 2.670 2.753,153 2.173 2.240,674 (512,478) 1.341,326 2.670 2.753,153 2.012 1.740,801 (6,922)		3,866,119	2.460	95,107	2.638	110,532	13,420	144 539	(130,0t)
17,193,508         2,330         2,93,508         2,93,508         2,93,508         2,93,508         2,93,508         2,93,508         3,170         160,737         2,740         166,733         (4,004)           312,936,605         1,875         5,866,373         1,907         5,968,495         102,122           2,016,832         6,654         144,192         6,667         134,456         264           2,046,706         0,470         95,019         5,677         1,147,702         1,052,684           2,0216,706         0,470         95,019         5,677         1,147,702         1,052,684           2,0216,706         0,470         95,019         5,677         1,147,702         1,052,684           2,0216,706         0,470         95,019         5,677         1,147,702         1,052,684           2,0216,706         0,470         95,019         5,677         1,147,702         1,052,684           2,0216,706         0,470         95,019         5,677         1,147,702         1,052,684           2,0216,706         0,470         95,019         5,677         1,147,702         1,052,684           2,0216,706         2,886,561         2,886         81,134         1,641		0,048,743	2.000	117,403	2 864	348,033	58 852	348 247	1
5,720,179         2,810         160,737         2,740         166,733         (4,004)           312,936,605         1,875         5,866,373         1,907         5,968,495         102,122           2,016,832         6.654         134,192         6.667         134,456         260,132           2,016,832         6.654         134,182         6.667         134,456         260,132           2,016,832         6.654         134,182         6.667         134,456         260,132           2,016,832         6.654         134,182         6.667         14,456         264,264           2,016,832         6.654         134,182         6.667         14,47,702         1,052,684           2,02,16,706         0.470         95,019         5.677         1,147,702         1,052,684           2,02,16,706         0.470         95,019         5.677         1,147,702         1,052,684           13,593,064         2.550         346,623         3.289         447,076         1,044,655           2,785,965         3.940         1,405,633         3.698         1,441,076         1,744           3,596,758         4,812         4,655         6,67         6,4504         17,949		12, 139,430	3 170	631	2.842	566	(65)	566	•
8,501,043 (0.050) (4,251) 3.010 255,881 260,132 2,016,832 6.654 134,192 6.667 134,456 26,948,442 2.170 584,781 3.405 917,594 332,813 20,216,706 0.470 95,019 5.677 1,147,702 1,052,684 7,828,949 2.810 267,729 3.693 3.289 447,076 100,453 2,828,949 2.810 79,493 2.868 81,134 1,641 39,285 27,856,961 2.530 704,781 3.030 844,066 139,285 27,856,961 2.530 704,781 3.030 844,066 139,285 31,988,738 1.860 594,991 2.653 848,661 2.53,044 601,431 26,20,388,349 2.260 663,361 1,355,904 601,431 20,338,549 2.260 663,361 3.056 897,004 233,644 27,778 86,520,916 2.260 263,361 3.056 897,004 233,644 867 2,488,513 1,447,979 86,520,916 2.020 1,747,723 2.012 (7.740,801 (6.922)		5,720,179	2.810	160,737	2.740	156,733	(4,004)	156,733	•
8,501,043 (0.050) (4,251) 3.010 255,881 260,132 2,016,832 6.654 134,192 6.667 134,456 26,948,442 2.170 584,781 3.405 917,594 332,813 20,216,706 0.470 95,019 5.677 1,147,702 1,052,684 2,350 3.580 257,279 3.613 259,651 2,372 13,593,054 2.550 346,623 3.289 47,076 100,453 2,828,949 2.810 79,493 2.868 81,134 1,641 27,856,961 2.530 704,781 3.030 844,066 139,285 967,558 4.812 46,555 6.667 64,504 17,949 31,988,738 1.860 5.94,991 2.653 848,661 2.530 1,544,73 6.667 1,355,904 601,431 20,338,549 2.260 6.63,361 3.056 897,004 233,644 6.667 1,365,904 233,644 233,544 2.260 6.63,361 3.056 897,004 233,644 2.378 1,031,14,326 2.670 2,723,153 2.173 2,240,674 (612,478) 86,520,916 2.020 1,747,723 2.012 1,740,801 (6,922)	•	312,936,605	1.875	5,866,373	1.907	5,968,495	102,122	7,870,390	(1,901,895)
8,501,043 (0.050) (4,251) 3.010 255,881 260,132 2,016,832 6.654 134,192 6.667 134,456 264 26,948,442 2.170 584,781 3.405 917,594 332,813 20,216,706 0.470 95,019 5.677 1,147,702 1,052,684 7,186,570 3.580 257,279 3.613 259,651 2,372 13,593,054 2.560 346,623 3.289 447,076 100,453 2,828,949 2.810 79,493 2.868 841,34 11,441 35,675,965 3.940 1,405,633 3.599 1,283,978 (121,655) 27,856,961 2.530 704,781 3.030 844,066 175,949 31,988,738 1.860 594,991 2.653 848,661 253,671 20,338,549 3.710 754,473 6.667 1,355,904 601,431 56,261,298 2.750 1,547,186 1.914 1,076,841 (470,344) 20,948,318 3.334 6.98,446 6.667 1,396,555 6.98,109 29,352,239 2.260 6.63,361 3.056 897,004 233,644 37,327,681 2.788 1,040,534 6.667 2,488,513 1,447,979 103,114,326 2.670 2,753,153 2.173 2,240,674 (61,2478) 86,520,916 2.020 1,747,723 2.012 1,740,801 (6,922)	ţ								
2,016,832         6.654         134,192         6.667         134,456         264           26,948,442         2.170         584,781         3.405         917,594         332,813           20,216,706         0.470         95,019         5.677         1,147,702         1,052,684           7,186,570         3.580         287,279         3.613         259,651         2,372           13,593,054         2.550         3.46,623         3.289         447,076         100,453           2,856,961         2.810         794,93         2.868         81,134         104,453           3,575,965         3.940         1,405,633         3.599         1,283,978         (121,655)           27,586,961         2.530         704,781         3.030         844,066         139,285           967,558         4.812         46,555         6.667         64,504         17,949           31,988,738         1.860         594,991         2.653         848,661         253,671           20,338,549         3.710         754,778         6.667         1,355,904         601,431           20,948,318         3.334         663,361         3.056         897,004         23,644           29,352,239 <td>1</td> <td>8,501,043</td> <td>(0.050)</td> <td>(4,251)</td> <td>3.010</td> <td>255,881</td> <td>260,132</td> <td>255,881</td> <td>•</td>	1	8,501,043	(0.050)	(4,251)	3.010	255,881	260,132	255,881	•
26,948,442       2.170       584,781       3.405       917,594       332,813         20,216,706       0.470       95,019       5.677       1,147,702       1,052,684         7,186,570       3.580       257,279       3.613       259,651       2,372         13,593,054       2.550       3.46,623       3.289       447,076       100,453         2,872,946       2.810       79,433       2.868       841,34       104,45         35,759       3.690       1,283,978       1124,655         27,856,961       2.530       704,781       3.030       844,066       139,285         967,558       4.812       46,555       6.667       64,504       17,949         31,988,738       1.860       594,991       2.653       848,661       253,671         20,338,549       3.710       754,473       6.667       1,355,904       601,431         56,261,298       2.750       1,547,186       1.914       1,076,841       470,344         20,948,318       3.334       6.667       1,396,555       698,109         29,352,239       2.260       663,361       2,788,513       1,447,979         103,114,326       2.670       2,783,153	SIR	2,016,832	6.654	134,192	6.667	134,456	264	134,456	1
20,216,706 0.470 95,019 5.677 1,147,702 1,052,684 7,186,570 3.580 257,279 3.613 259,651 2,372 13,593,054 2.550 346,623 3.289 447,076 100,453 2,828,949 2.810 79,493 2.868 81,134 1641 35,675,965 3.940 1,405,633 3.599 1,283,978 (121,655) 27,856,961 2.530 704,781 3.030 844,066 139,285 967,558 4.812 46,555 6.667 64,504 17,949 31,988,738 1.860 594,991 2.653 848,661 253,671 20,338,549 3.710 754,773 6.667 1,355,904 601,431 56,261,298 2.750 1,547,186 1.914 1,076,841 (470,344) 20,948,318 3.334 6.98,446 6.667 1,396,555 698,109 29,352,239 2.260 663,361 3.056 897,004 233,644 37,327,681 2.788 1,040,534 6.667 2,488,513 1,447,979 103,114,326 2.670 2,753,153 2.173 2,240,674 (6,922)		26,948,442	2.170	584,781	3.405	917,594	332,813	917,594	•
7,186,570 3.580 287,279 3.613 259,651 2.372 2,828,949 2.550 346,623 3.289 447,076 100,453 2,828,949 2.810 779,493 2.888 81,134 16.41 35,675,965 3.940 1,405,633 3.599 1,283,978 (121,655) 27,856,961 2.530 704,781 3.030 844,066 179,49 31,988,738 1.860 594,991 2.653 848,661 253,671 20,338,549 3.710 754,773 6.667 1,355,904 601,431 56,261,298 2.750 1,547,186 1.914 1,076,841 (470,344) 20,948,318 3.334 6.98,446 6.667 1,396,555 6.98,109 29,352,239 2.260 6.63,361 3.056 897,004 233,644 37,327,681 2.788 1,040,534 6.667 2,488,513 1,447,979 103,114,326 2.670 2,753,153 2.173 2,240,674 (512,478) 86,520,916 2.020 1,747,723 2.012 1,740,801 (6,922)		20,216,706	0.470	95,019	2.677	1,147,702	1,052,684	1,147,702	•
13.593.054 2.550 340,623 3.289 447,070 100,453 15,828,949 2.810 79,493 2.868 811,34 (121,655) 15,675,965 3.940 1,405,633 3.599 1,283,978 (121,655) 27,556 4.812 46,555 6.667 64,504 17,949 31,988,738 1.860 594,991 2.653 848,661 253,671 20,338,549 3.710 754,473 6.667 1,355,904 601,431 56,261,298 2.750 1,547,186 1.914 1,076,841 (470,344) 20,948,318 3.334 6.63,361 3.056 897,004 233,644 233,544 233,544 2.563 114,326 2.670 2,753,153 2.173 2,240,674 (512,478) 86,520,916 2.020 1,747,723 2.012 1,740,801 (6,922)		7,186,570	3.580	257,279	3.613	259,651	2,372	777 777	: 1
2,828,949 2.810 79,493 2.808 01,134 1,041 35,5965 3.940 1,405,633 3.599 1,283,978 (121,655) 27,856,961 2.530 1,405,633 3.599 1,283,978 (17,949 17,949 31,988,738 1.860 594,991 2.653 848,661 253,671 20,338,549 3.710 754,473 6.667 1,355,904 601,431 56,261,298 2.750 1,547,186 1.914 1,076,841 (470,344) 20,948,318 3.334 663,361 3.056 897,004 233,644 237,327,681 2.788 1,040,534 6.667 2,488,513 1,447,979 103,114,326 2.670 2,753,153 2.173 2,240,674 (512,478) 86,520,916 2.020 1,747,723 2.012 1,740,801 (6,922)		13,593,054	2.550	346,623	3.289	447,076	100,433	127,727	
23,67,586 3.340 1,403,033 3.039 1,503,770 1,704,781 3.030 844,066 1739,285 967,558 4.812 46,555 6.667 64,504 17,949 17,948 31,988,738 1.860 594,991 2.653 848,661 253,671 20,338,549 3.710 754,473 6.667 1,355,904 601,431 56,261,298 2.750 1,547,186 1.914 1,076,841 (470,344) 20,948,318 3.334 6.63,361 3.056 897,004 233,644 6.667 1,396,555 698,109 29,352,239 2.260 663,361 3.056 897,004 233,644 1,031,114,326 2.670 2,753,153 2.173 2,240,674 (512,478) 86,520,916 2.020 1,747,723 2.012 1,740,801 (6,922)		2,828,949	2.810	79,493	2,868	61,134	(121,655)	1 283 978	
20,348,738 1.860 594,991 2.653 848,661 253,671 20,338,549 3.710 754,718 1.914 1.076,841 1.076,841 20,338,549 3.720 1.554,718 1.914 1.076,841 (470,344) 20,348,318 3.334 6.657 1.396,555 698,109 29,352,239 2.260 663,361 3.056 897,004 233,644	2	33,073,903	0.040	704.784	2.030	844 066	139,285	844,066	•
31,988,738     4.512       31,988,738     4.60       20,338,549     3.710       20,338,549     3.710       20,948,318     3.334       20,948,318     3.334       663,361     1,396,555       663,361     1,396,555       663,361     1,396,555       663,361     1,396,555       663,361     1,396,555       663,361     1,396,555       663,361     1,396,555       663,46     6,667       1,396,555     698,109       29,352,239     2.260       663,361     1,040,534       663,701     1,447,979       103,114,326     2.670       2,753,153     2.773       2,240,674     (512,478)       86,520,916     2.020       1,747,723     2.012       1,740,801     (6,922)	YIN	106,000,12	4 043	104,101 10 555	5.657	64 504	17,949	64,504	•
20,338,549     3.710     754,473     6.667     1,355,904     601,431       20,338,549     3.710     754,473     6.667     1,355,904     601,431       20,948,318     3.334     698,446     6.667     1,396,555     698,109       29,352,239     2.260     663,361     3.056     897,004     233,644       37,327,681     2.78     1,040,534     6.667     2,488,513     1,447,979       103,114,326     2.670     2,753,153     2.173     2,240,674     (512,478)       86,520,916     2.020     1,747,723     2.012     1,740,801     (6,922)		34 088 738	1 860	594 991	2.653	848.661	253.671	848,661	1
56,261,288     2.750     1,547,186     1.914     1,076,841     (470,344)       20,948,318     3.334     698,446     6.667     1,396,555     698,109       29,352,239     2.260     663,361     3.056     897,004     233,644       37,327,681     2.78     1,040,534     6.667     2,488,513     1,447,979       103,114,326     2.670     2,753,153     2.173     2,240,674     (512,478)       86,520,916     2.020     1,747,723     2.012     1,740,801     (6,922)	aic	20,338,549	3.710	754.473	6.667	1,355,904	601,431	1,355,904	•
20,948,318     3.334     698,446     6.667     1,396,555     698,109       29,352,239     2.260     663,361     3.056     897,004     233,644       37,327,681     2.788     1,040,534     6.667     2,488,513     1,447,979       103,114,326     2.670     2,783,153     2.173     2,240,674     (512,478)       86,520,916     2.020     1,747,723     2.012     1,740,801     (6,922)	; ;	56,261,298	2.750	1,547,186	1.914	1,076,841	(470,344)	1,836,931	(200,090)
29,352,239     2.260     663,361     3.056     897,004     233,644       37,327,681     2.786     1,040,534     6.667     2,488,513     1,447,979       103,114,326     2.670     2,753,153     2.173     2,240,674     (512,478)       86,520,916     2.020     1,747,723     2.012     1,740,801     (6,922)	SIR SIR	20,948,318	3.334	698,446	6.667	1,396,555	698,109	1,396,555	1
37,327,681 2.788 1,040,534 6.667 2,488,513 1,447,979 103,114,326 2.670 2,753,153 2,173 2,240,674 (512,478) 86,520,916 2.020 1,747,723 2.012 1,740,801 (6,922)		29,352,239	2.260	663,361	3.056	897,004	233,644	- '	(290,588)
103,114,326 2.670 2,753,153 2.173 2,240,674 (512,478) 86,520,916 2.020 1,747,723 2.012 1,740,801 (6,922)	- AQIR	37,327,681	2.788	1,040,534	6.667	2,488,513	1,447,979		1 0000
2.020 1,747,723 2.012 1,740,801 (6,922)		103,114,326	2.670	2,753,153	2.173	2,240,674	(512,478)		(1,122,913)
		86,520,916	2.020	1,747,723	2.012	1,740,801	(776'9)	2,52,126,2	(o: *'00/)

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Existing Rate 1.490		PSC LHP-2 Pr	PSCo Exhibit LHP-2.1 (Col 4) Present Recovery 248,280	Staff Rate 1.821	Staff Annual Amount 303,435	(Decrease) (55,155	PSCo Exhibit LHP-2.1 (Col 9) Proposed Amount 439,572	Increase or (Decrease) to PSCo Proposed (136,137)
	12.956.932	1.420	183.988	1,653	203,317	30,190	291,401	(57,523)
	21,852,249	1.570	343,080	2.411	526,858	183,777		(183,122)
	59,408,329	3,400	2,019,883	3.297	1,958,693	(61,191)		1 6
	52,007,070	1.940 2.930	1,008,937	7.967	1,022,979	14,042	1,461,919	(438,940)
	238,955,079	1.920	4.587,938	1.780	4,253,400	(334,537)	5,663,235	(1,409,835)
	9,420,042	2.490	234,559	3.054	287,688	53,129	383,678	(92,990)
	41,484,481	1.990	825,541	2.789	1,157,002	331,461	1,157,002	1
	34,986,076	3.393	1,186,956	6.667	2,332,406	1,145,450	2,332,406	1
	3,457,970	2.680	92,674	3.912	135,276	42,602	135,276	•
	3,734,655	8.030	299,893	2.975	111,106	(188,/8/)	111,106	• 1
	5,172,173	(0.000)	(4,930)	3.105	174 466	45.081	174 466	
	15.898,384	0.700	111,289	24.0	) ' f. f.	(111,289)	1	ı
	11,041,220			3.167	349,639	349,639	349,639	•
	1,106,682,318	2.321	25,686,342	2.843	31,467,129	5,780,787	37,163,420	(5,696,291)
	3 488 574	2,660	95 26	2,583	90.110	(2.686)	90.110	r
	10,005,834	3 760	379 603	2 964	299 241	(80.363)	0	•
	426.062	3.430	14,614	4.362	18,585	3,971		1
	2.069,875	0.940	19,457	2.172	44,958	25,501	44,958	ı
	3,286,645	0.820	26,950	2.181	71,682	44,731	71,682	•
	2,656,807	(0.160)	(4,251)		119,158	123,409	119,158	•
	7,845,509	0.520	40,797	2.401	188,371	147,574	188,371	•
	8,337,466	1.960	163,414	2.308	192,429	29,014		i
	10,777,134	2.080	224,164	2.403	258,975	34,810	258,975	- (780 708)
	73,579,760	2.620	31 545	5.074	21.542	(10,003)		(7.074)
	24.764.474	1.400	346,703	1.902	471,020	124,318	-	(239,473)
	28,629,108	1.800	515,324	1.827	523,054	7,730	-	(238,194)
	2,173,080		71,060	2.566	55,761	(15,298)	ω	(25,382)
	57,988		1,235	2.816	1,633	398	2,213	(380)
	3,802,620	1.400	55,237	1.000	36,020	2,615,0	40.475	(11 345)
	1,803,695	0.470	26,514	2304	29,130	204 589	295.717	1
	11 061 794	1.320	146,016	1.685	186,391	40,376		(81,304)
	427,000	2.840	12.127	3.036	12,964	837		(5,636)
	45,809,825	1.410	645,919	1.703	780,141	134,223	Ψ,	(263,865)
	11,883,307	2.460	292,329	2.417	287,220	(5,110)		(92,680)
	16,226,380	3.630	589,018	3.722	603,946	14,928	U	•
	673,412	5.330	35,893	4.455	30,001	(5,892)		i
	6,941,014		328,310		207,397	(120,912)	201,391	•
	803,320	_	(1,446)	•	133,721	155, 167	15,721	
	733,568	(0.180)	(1,320)		040,040	10,007 875 746	6 778 464	(1.343.793)
	241,613,747	1.9/0	4,758,925	4.249	. 10,404,0	2		

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Acct No.	Description	PSCo Exhibit LHP-2.1 (Col 1)	Existing	PSCo Exhibit LHP-2.1 (Col 4)	Staff	Staff Annual	Increase or	PSCo Exhibit LHP-2.1 (Col 9)	Increase or (Decrease) to
		Plant Balance	Rate	Recovery	Nate		(neneman)	Amount	PSCo Proposed
315.0	Accessory Electric Equipment						1	6	
	Arapahoe Unit 3	2,202,212	(0.430)	(9,470)	4.659	102,601	112,0/1	102,601	•
	Arapahoe Unit 4	2,474,112	1.720	42,555	2.68/	66,479	23,925	100,660	•
	Arapahoe Common	3,851,043	3.400	130,935	3.341	128,003	(2,2/2)	120,003	• •
	Cameo Unit 1	918,598	0.100	1,470	2.043	10,703	016,71	72 837	•
	Cameo Unit 2	70,7,044	1.03C	10,009	2 227	16,12	3,020	22,791	1
	Cameo Common	7.04,000	3.440	120,27	2.62	123 683	(6.092)	123.683	f
	Cherokee Unit 1	3 688 714	1 1 20	41314	3.322	122,539	81.225	122,539	1
	Cherokee Unit 3	4 060,724	2.420	98.270	2.472	100,381	2,112	100,381	•
	Cherokee Unit 4	7.875.324	2.190	172,470	1.780	140,181	(32,289)	242,954	(102,773)
	Cherokee Common	5,160,668	1.970	101,665	2.159	111,419	9,754	148,834	(37,415)
	Comanche Unit 1	15,962,464	1.890	301,691	1.707	272,479	(29,211)	415,184	(142,705)
	Comanche Unit 2	17,107,590	1.890	323,333	1.808	309,305	(14,028)	454,378	(145,073)
	Comanche Common	1,815,159	2.090	37,937	1.847	33,526	(4,411)	49,245	(15,719)
	Craig Unit 1	3,253,984	1.420	46,207	2,615	85,092	38,885	71,750	13,342
	Craig Unit 2	3,168,502	1.390	44,042	2.584	81,874	37,832	69,327	12,547
	Craig Common	1,592,305	1.430	22,770	1.628	25,923	3,153	35,397	(9,4/4)
	Hayden Unit 1	4,506,849	1.870	84,278	2.166	97,618	13,340	97,618	1 100 017
	Hayden Unit 2	5,732,042	1.320	75,663	1.562	89,534	13,872	129,831	(40,297)
	Hayden Common	148,287	2.850	4,226	2.770	4,108	(119)	758,0	(870,1)
	Pawnee Unit 1	60,135,913	1.440	865,957	1.650	992,243	126,285	1,340,429	(346, 166)
	Pawnee Common	698,073	2.570	17,940	2.288	15,972	(1,969)	0/9,12	(2,598)
	Valmont Unit 5	4,410,836	1.890	83,365	2.577	113,667	30,302	113,067	•
	Valmont Common	1,311,975	2.490	32,668	2.763	36,250	3,582	30,230	•
	Zuni Unit 1	1,378,046	9.300	128,158	2.760	38,034	(90,124)	30,034 1,063	
	Zuni Unit 2	35,903	(0.180)	(69)	2.961	1,063	1,120	1,003	
	Zuni Common	763,230	(0.180)	(1,3/4)	2.559	156,91	506,02	100,81	1000 404)
	Total Account 315.0	158,306,514	1.779	2,816,461	2.010	3,181,579	365,118	4,004,760	(823,181)
315.2	Computers & Peripherals (Boiler Controls)						1	17	
	Arapahoe Unit 4	646,473	3.080	19,911	7.049	45,570	25,659	45,570	<b>1</b> :
	Arapahoe Common	26,518	3.080	817	5.534	1,468	100	00+100	
	Cherokee Unit 1	756,840	3.080	23,311	3.903	29,539	677'0	29,339 16,608	
	Cherokee Unit 2	452,893	3.080	13,848	3.007	10,000	13 985	52 003	•
	Cherokee Unit 3	1,234,347	3.080	30,010	4.4.5	67 977	23.582	67.977	
	Cherokee Unit 4	1,441,413	000.0	10 733	2.174	22.238	2,505	22,238	1
	Cherokee Common	640,679	3.080	43.365	4 020	56.600	13,235	56,600	•
	Comanche Unit	104,104,1	000.0	6 121	3 776	7.505	1,383	7,505	1
	Cornancia Continuo	282 900	3.080	8.713	3.020	8,544	(170)	8,544	•
	Hayden Ilnit 1	80.217	3.080	2,471	4.088	3,279	808	3,279	Ì
	Havden Unit 2	87,658	3.080	2,700	3.834	3,361	661	3,361	•
	Pawnee Unit 1	3,125,307	3.080	96,259	3.087	96,478	219	96,478	•
	Pawnee Common	540,973	3.080	16,662	2.776	15,017	(1,645)	15,017	•
	Valmont Common	14,092	3.080	434	3,625	511	//	51.1	•
	Zuni Common	1,275,201	3.080	39,276	7.657	97,642	58,366	97,042	• 1
	Total Account 315.2	12,212,226	3.080	376,137	4.294	524,340	148,203	324,340	

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Acct No.	Description	PSCo Exhibit LHP-2.1 (Col 1) Plant Balance	Existing Rate	PSCo Exhibit LHP-2.1 (Col 4) Present Recovery	Staff Rate	Staff Annual Amount	Increase or (Decrease)	PSCo Exhibit LHP-2.1 (Col 9) Proposed Amount	Increase or (Decrease) to PSCo Proposed
316.0	Misc. Power Plant Equipment	2417	200	000	F 474	000	1000	000	
	Arabahoe Common	1.549.648	1.900	29,443	4.080	63.226	33.782	2,903 63,226	
	Cameo Unit 1	5,894	(0.760)	(45)	1.810	107	151	107	,
	Cameo Unit 2	2,013	0.110	`7 `	1.981	40	38	40	•
	Cameo Common	322,052	5.410	17,423	2.836	9,133	(8,290)	9,133	1
	Cherokee Unit 1	16,442	5.040	829	3.360	552	(276)	552	1
	Cherokee Unit 2	32,325	0.660	213	2.930	947	734	947	ı
	Cherokee Unit 3	60,432	0.980	592	2.563	1,549	957	1,549	
	Cherokee Unit 4	141,196	1.760	2,485	1,599	2,258	(227)	3,927	(1,669)
	Cherokee Common	1,947,644	2.780	54,145	2.342	45,614	(8,531)	60,903	(15,289)
	Comanche Unit 1	527,769	1.100	5,805	1.513	7,985	2,180	12,197	(4,212)
	Comanche Unit 2	671,523	0.880	5,909	1.493	10,026	4,116	14,753	(4,727)
	Comanche Common	1,639,159	1.530	25,079	1.761	28,866	3,786	42,405	(13,539)
	Craig Unit 1	122,465	1.350	1,653	1.581	1,936	283	2,639	(203)
	Craig Unit 2	117,201	1.350	1,582	1.547	1,813	231	2,502	(689)
	Craig Common	766,047	1.630	12,487	1.714	13,130	643	17,887	(4,757)
	Training Facility	2,566,007	6.550	168,073	6.378	163,660	(4,414)	163,660	ŧ
	Hayden Unit 1	209,564	3.020	6,329	1.888	3,957	(2,372)	3,957	•
	Hayden Unit 2	513,904	1.380	7,092	2.568	13,197	6,105	11,691	1,506
	Hayden Common	167,793	3.000	5,034	2.564	4,302	(732)	6,207	(1,905)
	Pawnee Unit 1	5,974,312	1.250	74,679	1.641	98,038	23,360	132,152	(34,114)
	Pawnee Common	894,199	2.390	21,371	2.419	21,631	259	29,115	(7,484)
	Valmont Unit 5	340,161	2.580	8,776	2.677	9,106	330	9,106	ı
	Valmont Common	1,095,161	3.270	35,812	2.912	31,891	(3,921)	31,891	•
	Zuni Unit 1	1,192	13.170	157	5.200	62	(36)	62	•
	Zuni Common	762,116	4.640	35,362	5.598	42,663	7,301	42,663	ī
	Total Account 316.0	20,502,336	2.553	523,387	2.822	578,592	55,206	666,175	(87,583)
	Total Steam Production	1,852,253,746	2.161	40,027,624	2.546	47,154,806	7,127,182	57,007,549	(9,852,743)

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re or se) to posed	,	ı	(52,301)		1	i		(52,301)		t	1	(12,531)	(342)		ı		1 1	(42 872)	6	•		(214,822)	(67,617)		•		t 1	(282,440)		ŧ	(31 199)	(08,661)	( )	1	٠	,	1 6	(129,859)
increase or (Decrease) to PSCo Proposed			9)					9)	•			Ξ						•	-			(21	٩	•				(3			٤	, 0	٤					<b>:</b>
PSCo Exhibit LHP-2.1 (Col 9) Proposed Amount	16 922	731	378,614	1 1	3.821	185,226	4,088	476 589.879		3.672	2,742	91,639	4,189	1,514	700,050	20,75	12,978	010,1 279 969	2000	:		1.549,011	813,017	1	1 4	6,093		2,368,122	000	122,623	22,095	1 208 250	124 403	1 860 542	1,350,555	437,761	129,403	5,485,161
Increase or (Decrease)	1 243	(1,351)	(205,793)	f i	234	(66,768)	2,731	(517) (270,221)		(1.055)	(24,286)	(4,432)	315	142	(25,764)	(11,186)	9,942	(2,000)	(476,66)			85.084	78,887		1	1,471		165,442	1	(55,476)	(32,229)	100,001)	24 461	345 262	250,624	(125,478)	217,849	622,951
Staff Annual Amount	16 000	731	326,313	1 (	3.821	185,226	4,088	476 537.577		3.672	2,742	79,108	3,847	1,514	700,050	50,775	12,978	010,1	970,002			1 334.189	745,400	•	t	6,093		2,085,682		122,623	22,095	190,332	1,109,369	1 860 542	1,350,555	437,761	129,403	5,355,302
Staff Rate	7 630	0.885	1.435		2 493	1.720	2.560	0.820		1.041	1.040	2.481	2.854	2.891	2.527	1.703	3.890	.333	7.47.7			2 211	2.315			2.729		2.248		1.618	1.029	424.0	2.4.10	2,720	2,689	4.026	1.902	2.536
PSCo Exhibit LHP-2.1 (Col 4) Present Recovery	15 670	2,082	532,106	i	3 586	251,994	1,357	994		4 726	27,028	83,540	3,531	1,372	725,813	31,961	3,036	4,918	976,098		r i	1 249 105	666.513	'	ı	4,622		1,920,240		178,098	54,324	302,019	1,004,963	33,342	1,515,273	563,239	(88,446)	4,732,351
Existing Rate	7 200	2.520	2.340		2 340	2.340	0.850	1.710		1 340	10.250	2.620	2.620	2.620	2.620	2.620	0.910	5.050	7.657			2 070	2.070	) j		2.070		2.070		2.350	2.530	2.190	2.190	2.190	2 190	5.180	(1.300)	2.241
PSCo Exhibit LHP-2.1 (Col 1) Plant Balance	265 496	82,604	22,739,565	•	153 255	10,768,973	159,689	58,103		352 693	263.692	3,188,537	134,776	52,381	27,702,801	1,219,887	333,614	986, 18	33,345,769		1	60 343 237	32,198,705	1000	•	223,282	•	92,765,224		7,578,649	2,147,186	13,927,831	45,888,709	4,003,009	50,190,634	10.873.349	6,803,531	211,198,835
Description	OTHER PRODUCTION 341.0 Structures & Improvements	Pruita CT	FSV ST 1	FSV GT 2	FSV G1 S	FSV Common	Ft Lupton CT	Valmont CT 6 Total Account 341 0	Fuel Holdern Bradinger 9 Accessories	Alamosa	Fruita CT	FSV ST 1	FSV GT 2	FSV GT 3	FSV GT 4	FSV Common	Ft Lupton CT	Valmont CI 6	lotal Account 342.0	Prime Movers	Alamosa E-::t- OT	FOV ST 1	FSV GT 2	FSV GT 3	FSV GT 4	FSV Common	Ft Lupton CT	Valified to 5	Generators	Alamosa	Fruita CT	FSV ST 1	FSV GT 2	F8V GI 3	FSV G1 4	F3V CONTINUED	Valmont CT 6	Total Account 344.0
Acct No.	OTHER PF 341.0								2,50	345.0										343.0									344.0									

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Acct No.	o. Description	PSCo Exhibit LHP-2.1 (Col 1) Plant Balance	Existing Rate	PSCo Exhibit LHP-2.1 (Col 4) Present Recovery	Staff Rate	Staff Annual Amount	Increase or (Decrease)	PSCo Exhibit LHP-2.1 (Col 9) Proposed Amount	Increase or (Decrease) to PSCo Proposed
345.0	Accessory Electric Equipment								
		132,162	3,660	4,837	3.745	4,949	112	4,949	
	Fruita CT	53,775	6.110	3,286	4.203	2,260	(1,025)	2,260	1
	FSV ST 1	12.967.373	2.210	286,579	1.437	186,341	(100,238)	215,647	(29,306)
	FSV GT 2	•					( )	'	, -
	FSV GT 3	•		•		1	1	•	•
	FSV GT 4	7,251,673	2.210	160,262	2.541	184,265	24,003	184,265	•
	FSV Common	10,687,714	2.210	236,198	2.697	288,248	52,049	288,248	•
	Ft Lupton CT	138,901	0.620	861	1.366	1,897	1,036	1,897	•
	Valmont CT 6	540,560	4.690	25,352	4.553	24,612	(741)	24,612	1
	Total Account 345.0	31,772,158	2.258	717,376	2.180	692,573	(24,803)	721,878	(29,306)
345.2									
	FSV ST 1	996'36	2.210	2,121	1.713	1,644	(477)	1,903	(528)
	FSV Common	45,405	2.210	1,003	2.202	1,000	(4)	1,000	
	Total Account 345.2	141,371	2.210	3,124	1.870	2,644	(481)	2,903	(229)
346.0	Misc. Power Plant Equipment								
	Alamosa	5,237	1.420	74	976.0	51	(23)	51	
	Fruita CT	2,067	2.480	126	1.131	25	(89)	22	
	FSV ST 1	3,986,249	1.880	74,941	1.494	59,555	(15,387)	69,002	(9,447)
	FSV GT 2	1		•		•		•	t
	FSV GT 3	ī				·	•	•	
	FSV GT 4	17,415	1.880	327	2.523	439	112	439	ı
	FSV Common	206,014	1.880	3,873	2.629	5,416	1,543	5,416	•
	Ft Lupton CT	4,773	1.440	69	1.455	69	_	69	1
	Valmont CT 6	16,711	2.570	429	4.835	808	379	808	•
	Total Account 346.0	4,241,466	1.882	79,840	1.565	966,396	(13,444)	75,843	(9,447)
	Total Other Production	407,792,498	2.243	9,146,655	2.346	9,566,176	419,521	10,082,661	(516,485)

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Acct No.	Description	PSCo Exhibit LHP-2.1 (Col 1) Plant Balance	Existing Rate	PSCo Exhibit LHP-2.1 (Col 4) Present Recovery	Staff Rate	Staff Annual Amount	Increase or (Decrease)	PSCo Exhibit LHP-2.1 (Col 9) Proposed Amount	increase or (Decrease) to PSCo Proposed
TRANSM	TRANSMISSION PLANT					E E			
350.2	Land Rights	35,571,064	1.000	355,711	1.030	366,382	10,671	366,382	•
352.0	Structures & Improvements	18,208,719	1.500	273,131	1.440	262,206	(10,925)	262,206	•
353.0	Station Equipment	330,826,148	1.580	5,227,053	1.780	5,888,705	661,652	5,888,705	•
354.0	Towers & Fixtures	171,851,035	1.280	2,199,693	1.180	2,027,842	(171,851)	2,371,544	(343,702)
355.0	Poles & Fixtures	77,076,126	1.810	1,395,078	1.640	1,264,048	(131,029)	1,479,862	(215,814)
356.0	OH Conductors & Devices	203,280,978	1.550	3,150,855	1.790	3,638,730	487,874	3,638,730	ı
357.0	UG Conduit	14,875,049	2.000	297,501	1.940	288,576	(8,925)	288,576	•
358.0	UG Conductors & Devices	26,358,042	1.900	500,803	1.880	495,531	(5,272)	495,531	•
359.0	Roads & Trails	3,756,395	1.120	42,072	0.970	36,437	(5,635)	36,437	•
	Total Transmission Plant	881,803,556	1.524	13,441,896	1.618	14,268,457	826,561	14,827,973	(559,516)
DISTRIBI	DISTRIBUTION PLANT								
360.2	Land Rights	10,317,688	1.110	114,526	1.090	112,463	(2,064)	112,463	
361.0	Structures & Improvements	43,918,580	2.100	922,290	1.710	751,008	(171,282)	799,318	(48,310)
362.0	Station Equipment	331,317,546	2.110	6,990,800	2.050	6,792,010	(198,791)	6,792,010	*
364.0	Poles, Towers & Fixtures	153,359,482	1.970	3,021,182	3.650	5,597,621	2,576,439	4,646,792	950,829
365.0	OH Conductors & Devices	189,296,618	1.850	3,501,987	3.310	6,265,718	2,763,731	7,647,583	(1,381,865)
366.0	UG Conduit	187,859,180	2.000	3,757,184	1.990	3,738,398	(18,786)	4,301,975	(263,577)
367.0	UG Conductors & Devices	870,403,180	1.900	16,537,660	2.050	17,843,265	1,305,605	24,893,531	(7,050,266)
368.0	Line Transformers	298,370,265	2.710	8,085,834	2.210	6,593,983	(1,491,851)	6,593,983	1
369.0	Services	233,070,626	1.560	3,635,902	2.330	5,430,546	1,794,644	5,500,467	(69,921)
370.0	Meters	124,943,052	4.640	5,797,358	3.970	4,960,239	(837,118)	4,960,239	•
370.2	AMR Equipment	58,668,704	7.870	4,617,227	8.810	5,168,713	551,486	5,767,134	(598,421)
371.0	10.C.P.	6,033,880	2.360	142,400	1.000	60,339	(82,061)	60,339	•
373.0	Street Lighting & Signal Equipment	155.845,870	2.820	4,394,854	2.950	4,597,453	202,600	4,597,453	•
	Total Distribution Plant	2,663,404,671	2.310	61,519,204	2.550	67,911,755	6,392,551	76,673,287	(8,761,532)
TOTAL D	TOTAL DEPRECIATION ADJUSTMENT	5,805,254,471		124,135,378		138,901,194	14,765,815	158,591,469	(19,690,276)

#### Public Service Company of Colorado Comparison of Depreciation Rates and Annual Amounts

#### SCHEDULE 1

[4]	131	[3]	[4]	[5]	[6]	[7]	[8]
[1] Account	[2]	[3] December 31, 2005	Existing	ا⊃ا Annual	Study	Annual	Increase or
Number	<u>Description</u>	Balance	Rate	<u>Amount</u>	Rate	<u>Amount</u>	(Decrease)
		\$	%	\$	%	\$	\$
316.0	Misc. Power Plant Equipment						
	Arapahoe Unit 4	<del>56,117</del>	<del>5.520</del>	<del>3,098</del>	<del>5.174</del>	<del>2,903</del>	(194)
	Arapahoe Common	<del>1,549,648</del>	1.900	29,443	4.080	<del>63,22</del> 6	<del>33,782</del>
	Cameo Unit 1	<del>5,894</del>	(0.760)	<del>(45)</del>	1.810	<del>107</del>	<del>151</del>
	Cameo Unit 2	<del>2,013</del>	0.110	2	1.981	40	38
	Cameo Common	322,052	<del>5.410</del>	<del>17,423</del> <del>829</del>	<del>2.836</del> 3.360	9,133 <del>552</del>	<del>(8,290)</del> <del>(276)</del>
	Cherokee Unit 1 Cherokee Unit 2	<del>16,442</del> <del>32,325</del>	5.040 0.660	<del>213</del>	<del>2.930</del>	947	734
	Cherokee Unit 3	60,432	0.980	<del>592</del>	<del>2.563</del>	1,549	957
	Cherokee Unit 4	<del>141,196</del>	<del>1.760</del>	<del>2,485</del>	2.781	3,927	<del>1,442</del>
	Cherokee Unit Common	<del>1,947,644</del>	2.780	<del>54,145</del>	3.127	60,903	<del>6,758</del>
	Comanche Unit 1	<del>527,769</del>	1.100	5,805	2.311	<del>12,197</del>	6,391
	Comanche Unit 2	<del>671,523</del>	0.880 1.530	<del>5,909</del> <del>25,079</del>	<del>2.197</del> <del>2.587</del>	<del>14,753</del> 4 <del>2,405</del>	<del>8,844</del> <del>17,326</del>
	Comanche Common Craig Unit 1	<del>1,639,159</del> <del>122,465</del>	<del>1.350</del>	<del>28,073</del> <del>1,653</del>	2.155	<del>2,639</del>	986
	Craig Unit 2	117,201	1.350	1,582	2.135	<del>2,502</del>	<del>920</del>
	Craig Common	<del>766,047</del>	1.630	<del>12,487</del>	2.335	<del>17,887</del>	<del>5,401</del>
	Training Facility	<del>2,566,007</del>	6.550	<del>168,073</del>	6.378	<del>163,660</del>	<del>(4,414)</del>
	Hayden Unit 1	<del>209,564</del>	3.020	<del>6,329</del>	<del>1.888</del>	3,957	<del>(2,372)</del>
	Hayden Unit 2	<del>513,904</del>	<del>1.380</del>	<del>7,092</del>	2.275	11,691 6 207	4,599 1,173
	Hayden Common Pawnee Unit 1	<del>167,793</del> <del>5,974,312</del>	3.000 1.250	<del>5,034</del> <del>74,679</del>	<del>3.699</del> <del>2.212</del>	<del>6,207</del> <del>132,152</del>	<del>1,173</del> <del>57,473</del>
	Pawnee Common	894,199	2.390	<del>21,371</del>	3.256	29,115	<del>7,744</del>
	Valmont Unit 5	340,161	2.580	<del>8,776</del>	2.677	9,106	330
	Valment Common	<del>1,095,161</del>	<del>3.270</del>	<del>35,812</del>	2.912	<del>31,891</del>	(3,921)
	Zuni Unit 1	<del>1,192</del>	<del>13.170</del>	<del>157</del>	5.200	62	<del>(95)</del>
	Zuni Common	762,116	4.640	35,362	<del>5.598</del>	42,663 666,175	7,301 142,788
	Total Account 316 Total Steam Production	20,502,336 1,724,627,512	<del>2.553</del> <del>2.097</del>	523,387 36,166,468	3.249 2.854	49,218,803	13,052,335
	Total Steam Floduction	1,724,027,072	2.007	00,100,400	2.004	45,E10,000	10,002,000
	HYDRAULIC PRODUCTION PLANT						
331.0	Structures & Improvements	405.704	1.520	2,064	1.487	2,019	(45)
	Ames Cabin Creek	135,794 7,152,881	0.720	51,501	1.062	75,964	24,463
	Georgetown	89,612	(0.160)	(143)	1.702	1,525	1,669
	Palisade	8,275	0.930	77	1.282	106	29
	Salida	71,463	0.750	536	1.838	1,313	778
	Shoshone	669,525	1.070	7,164	1.677	11,228	4,064
	Tacoma Total Account 331	357,396 8,484,946	0.630 0.748	2,252 63,450	1.408 1.145	5,032 97,188	2,781 33,738
	Total Account 33 I	0,404,940	. 0.140	03,430_	1.145	37,100	00,700
332.0	Reservoirs, Dams & Waterways						(4 = 40)
	Ames	3,291,782	1.700	55,960	1.562	51,418 221,668	(4,543) 14,615
	Cabin Creek	20,299,241 4,775,221	1.020 2.410	207,052 115,083	1.092 2.313	110,451	(4,632)
	Georgetown Salida	819,728	1.280	10,493	1.594	13,066	2,574
	Shoshone	4,639,301	1.020	47,321	0.860	39,898	(7,423)
	Tacoma	1,947,640	0.910	17,724	1.377	26,819	9,095
	Total Account 332	35,772,913	1.268	453,632	1.295	463,320	9,687
333.0	Waterwheels, Turbines & Generators						
	Ames	137,148	0.160	219	0.942	1,292	1,072
	Cabin Creek	14,592,753	1.180	172,194	1.227	179,053	
	Georgetown	55,253	0.740	409	1.031	570	
	Palisade	249	0.770	2 197	1.120 0.709	3 400	
	Salida Shoshone	56,359 1,792,417	0.350 1.330	23,839	1.778	31,869	
	Tacoma	1,165,811	0.990	11,542	1.851	21,579	
	Total Account 333	17,799,990	-	208,403	1.319	234,765	26,363
0040	A						
334.0	Accessory Electric Equipment Ames	1,519,521	2.690	40,875	2.471	37,547	(3,328)
	Cabin Creek	3,700,723	1.000	37,007	1.433	53,031	
	Georgetown	276,763	1.280	3,543	1,612	4,461	919
	Palisade	119,204	1.550	1,848	1.698	2,024	
	Salida	358,999	1.210	4,344	2.037	7,313	
	Shoshone	1,098,315	1.160	12,740	2.306 1.802	25,327 26,407	
	Tacoma Total Account 334	1,465,401 8,538,926	_ 1.160 1.374	16,999 117,356	1.828	156,111	
	rotal rotalit 504	0,000,020	_ 1.07.1				
334.2	Computers - Cabin Creek	56,206	1.000	562	1.317	740	178

#### Public Service Company of Colorado Comparison of Depreciation Rates and Annual Amounts

#### SCHEDULE 1

[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
Account	Description	December 31, 2005	Existing	Annual	Study	Annual	Increase or (Decrease)
Number	<u>Description</u>	<u>Balance</u> \$	<u>Rate</u> %	Amount \$	Rate %	Amount \$	\$
		*	7.0	•	,,	•	•
335.0	Misc. Power Plant Equipment	60.500	0.400	4 400	4 000	4.074	(000)
	Ames Cabin Creek	69,502 399,125	2.130 0.930	1,480 3,712	1.833 1.706	1,274 6,809	(206) 3,097
	Georgetown	112,103	0.210	235	2.878	3,226	2,991
	Salida	89,183	0.870	776	3.690	3,291	2,515
	Shoshone	878,735	1.430	12,566	2.830	24,868	12,302
	Tacoma	140,924	1.050	1,480	1.929	2,718	1,239
	Total Account 335	1,689,572	1.198	20,249	2.497	42,187	21,938
225.2	Recreational Facilities						
000.2	Ames	168,012	2.410	4,049	2.356	3,958	(91)
	Cabin Creek	3,927	1.110	44	1.545	61	17
	Georgetown	240,335	2.120	5,095	2.266	5,446	351
	Salida	151,492	1.740	2,636	3.330	5,045	2,409
	Tacoma	478,920	1.120	5,364	1.662	7,960	2,596
	Total Account 335.2	1,042,686	1.648	17,188_	2.155	22,469	5,282
336.0	Roads, Railroads & Bridges						
000.0	Ames	21,231	2.830	601	2.403	510	(91)
	Cabin Creek	453,762	1.120	5,082	1.066	4,837	(245)
	Salida	20,450	0.350	72	2.666	545	474
	Shoshone	9,247	0.550	51	1.121	104	53
	Tacoma	270,175	0.770	2,080	1.329	3,591	1,510
	Total Account 336 Total Hydraulic Production	774,865 74,160,104	1.018 1.198	7,886 888,725	1.237 1.384	9,587 1,026,367	1,701
	Total Hydraulic F Toddetion	74,100,104	1.130	000,720	1.504	1,020,007	157,042
	OTHER PRODUCTION PLANT						
<del>- 341.0</del>	Structures & Improvements						
	Alamosa	<del>365,486</del>	4.290	<del>15,679</del>	4.630	46,922	<del>1,243</del>
	Fruita CT	82,604	<del>2.520</del>	<del>2,082</del>	<del>0.885</del>	<del>731</del>	(1,351)
	FSV-GT-1 FSV-GT-4	<del>22,739,565</del> <del>153,255</del>	2.340 2.340	<del>532,106</del> 3,586	<del>1.665</del> <del>2.493</del>	378,614 3,821	(153,492) 234
	FSV GT Common	10,768,973	<del>2.340</del>	<del>251,994</del>	1.720	185,226	<del>(66,768)</del>
	Ft. Lupton GT	159,689	0.850	<del>1,357</del>	2.560	4,088	<del>2,731</del>
	Valmont CT	<del>58,103</del>	<del>1.710</del>	994	0.820	476	<del>(517)</del>
	Total Account 341	34,327,675	<del>2.353</del>	807,798	<del>1.718</del>	<del>589,878</del>	(217,920)
	5						
<del>342.0</del>	Fuel Holders, Producers & Access. Alamosa	<del>352,693</del>	1.340	4,726	1.041	3,672	(1,055)
	Fruita CT	<del>263,692</del>	<del>10.250</del>	<del>27,028</del>	1.040	2,742	(24,286)
	FSV GT-1	3,188,537	2.620	83,540	2.874	91,639	8,099
	FSV GT 2	134,776	2.620	3,531	3.108	4,189	658
	FSV GT 3	<del>52,381</del>	<del>2.620</del>	<del>1,372</del>	<del>2.891</del>	<del>1,514</del>	<del>142</del>
	FSV GT 4	<del>27,702,801</del>	<del>2.620</del>	<del>725,813</del>	2.527	700,050	(25,764)
	FSV GT Common	1,219,887	<del>2.620</del>	<del>31,961</del>	<del>1.703</del>	<del>20,775</del>	(11,186)
	Ft. Lupton CT	<del>333,614</del>	<del>0.910</del> <del>5.05</del> 0	3,036	<del>3.890</del> <del>1.353</del>	<del>12,978</del>	<del>9,942</del> <del>(3,600)</del>
	Valment CT Total Account 342	97,388 33,345,769	2-657	4,918 885,926	2.516	<del>1,318</del> <del>838,875</del>	(47,051)
		20,010,100		300,020			
343.0	Prime Movers						
	FSV GT 1	60,343,237	2.070	1,249,105	2.567	1,549,011	<del>299,906</del>
	FSV GT 2	<del>32,198,705</del>	<del>2.070</del>	666,513	<del>2.525</del>	<del>813,017</del>	<del>146,504</del>
	FSV- Total Account 343	223,282 92,765,224	<del>2.070</del> <del>2.070</del>	4,622 1,920,240	<del>2.729</del> <del>2.553</del>	6,093 2,368,122	<del>1,471</del> 447,881
	Total Account 543	02,100,224	2.070	1,520,240	2.000	£,000,122	441,001
<del>344.0</del>	<u>Generators</u>						
	Alamosa	<del>7,578,649</del>	<del>2.350</del>	<del>178,098</del>	<del>1.618</del>	<del>122,623</del>	4
	Fruita CT	2,147,18 <del>6</del>	2.530	<del>54,324</del>	1.029	22,095	(32,229)
	FSV GT 1	<del>13,927,831</del>	<del>2.190</del>	305,019	1.648	229,531	
	FSV GT 2 FSV GT 3	45,888,709 4,563,559	<del>2.190</del> <del>2.190</del>	<del>1,004,963</del> <del>99,942</del>	<del>2.633</del> <del>2.726</del>	<del>1,208,250</del> <del>124,403</del>	,
	FSV GT 4	<del>4,563,559</del> <del>69,190,83</del> 4	<del>2.190</del> <del>2.190</del>	<del>99,942</del> <del>1,515,279</del>	<del>2.726</del> 2.689	1.860.542	
	FSV GT Common	<del>50,225,187</del>	2.190	1,099,932	2.689	1,350,555	
	Ft. Lupton CT	10,873,349	5.180	<del>563,239</del>	4.026	437,761	(125,478)
	Valmont CT	6,803,531	(4.300)	(88,446)	<del>1.902</del>	<del>129,403</del>	217,849
	Total Account 344	<del>211,198,835</del>	2.241	4,732,351	<del>2.597</del>	<del>5,485,161</del>	<del>752,810</del>
0.55	Assessed Florida Fording						
<del>- 345:0</del>	Accessory Electric Equipment Alamosa	<del>132,</del> 162	3.660	4,837	<del>3.745</del>	4,949	<del>112</del>
	<del>Alamosa</del> <del>Fruita CT</del>	<del>132,162</del> <del>53,775</del>	<del>3.550</del> <del>6.110</del>	<del>4,837</del> 3,286	<del>3.746</del> 4.203	<del>4,949</del> 2,260	
	FSV-GT-1	12,967,373	2.210	<del>286,579</del>	1.663	<del>215,647</del>	
		,001,010				5,5 17	(,00-/

## Public Service Company of Colorado Comparison of Depreciation Rates and Annual Amounts

#### SCHEDULE 1

[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
Account	ι-,	December 31, 2005	Existing	Annual	Study	Annual	Increase or
Number	<u>Description</u>	Balance	Rate	Amount	Rate	Amount	(Decrease)
		\$	<del>"</del>		%	\$	\$
	FSV GT 4	<del>7,251,673</del>	<del>2.210</del>	<del>160,262</del>	<del>2.541</del>	<del>184,265</del>	<del>24,003</del>
	FSV GT Common	<del>10,687,714</del>	<del>2.210</del>	<del>236,198</del>	<del>2.697</del>	<del>288,248</del>	<del>52,049</del>
	Ft. Lupton CT	<del>138,901</del>	<del>0.620</del>	<del>861</del>	<del>1.366</del>	<del>1,897</del>	<del>1,036</del>
	Valmont CT	<u>540,560</u>	4.690	25,352	4.553	24,612	(741)
	Total Account 345	<u>31,772,158</u>	<del>2.258</del>	<del>717,376</del>	<del>2.272</del>	<del>721,879</del>	4,503
245.2	Computers						
<del></del>	FSV GT 1	95,966	2.210	<del>2,121</del>	1.983	1,903	(340)
	FSV GT Common	4 <del>5,405</del>	2.210	1,003	2.202	<del>1,000</del>	<del>(218)</del> <del>(4)</del>
	Total Account 345.2	141,371	2.210	3,124	2.053	2.903	(221)
	7 5 10 10 10 10 10 10 10 10 10 10 10 10 10		2.210	0,124	2.000	2,500	(221)
346.0	Misc. Power Plant Equipment						
	Alamosa	<del>5,237</del>	<del>1.420</del>	74	0.976	<del>51</del>	<del>(23)</del>
	Fruita CT	<del>5,067</del>	<del>2.480</del>	<del>126</del>	1.131	<del>57</del>	(68)
	FSV-GT-1	<del>3,986,249</del>	<del>1.880</del>	<del>74,941</del>	1.731	69,002	<del>(5,940)</del>
	FSV GT 4	<del>17,415</del>	<del>1.880</del>	<del>327</del>	2.523	439	<del>112</del>
	FSV GT Common	<del>206,014</del>	<del>1.880</del>	<del>3,873</del>	<del>2.629</del>	<del>5,416</del>	<del>1,543</del>
	Ft. Lupton CT	<del>4,773</del>	<del>1.440</del>	<del>6</del> 9	<del>1.455</del>	<del>69</del>	4
	Valmont CT	<u>16,711</u>	2.570	429	4.835	808	379
	Total Account 346	4,241,466	1.882	79,840	1.788	75,843	(3,997)
	Total Other Production	407,792,498	2.243	9,146,655	2.472	10,082,661	936,006
	TOTAL PRODUCTION	<u>2,206,580,114</u>	<del>2.094</del>	<u>46,201,848</u>	2.734	60,327,830	14,125,983
	TRANSMISSION PLANT						
350.2	Land Rights	<del>35,571,064</del>	1.000	<del>355,711</del>	1.030	366,382	<del>10,671</del>
	Structures & Improvements	18,208,719	1.500	<del>273,131</del>	1.440	262,206	<del>(10,925)</del>
	Station Equipment	330,826,148	<del>1.580</del>	5,227,053	1.780	5,888,705	<del>661,652</del>
	Towers & Fixtures	<del>171,851,035</del>	1.280	<del>2,199,693</del>	1.380	2,371,544	<del>171,851</del>
	Poles & Fixtures	77,076,126	1.810	1,395,078	1.920	1,479,862	84,784
<del>356.0</del>	OH Conductors & Devices	203,280,978	1.550	3,150,855	1.790	3,638,730	487,874
<del> 357.0</del>	UG Conduit	<del>14,875,049</del>	2.000	<del>297,501</del>	<del>1.940</del>	288,576	<del>(8,925)</del>
358.0	UG Conductors & Devices	<del>26,358,042</del>	<del>1.900</del>	500,803	1.880	495,531	(5,272)
<del>359.0</del>	Roads & Trails	<del>3,756,395</del>	<del>1.120</del>	42,072	0.970	<del>36,437</del>	(5,635)
	Total Transmission	<del>881,803,556</del>	<del>1.524</del>	<del>13,441,896</del>	<del>1.682</del>	<del>14,827,973</del>	1,386,076
	DIOTRIPLITION DI ANT						
360.3	DISTRIBUTION PLANT Land Rights	10,317,688	<del>1.110</del>	44.4 EDG	1.090	440.460	(2.004)
	Structures & Improvements	<del>10,317,688</del> <del>43,918,580</del>	<del>1.110</del> <del>2.100</del>	<del>114,526</del>	1.090	<del>112,463</del>	<del>(2,064)</del>
	Station Equipment	<del>43,313,546</del>	<del>2.100</del> <del>2.110</del>	<del>922,290</del> <del>6,990,800</del>	2.050	<del>799,318</del> <del>6,792,010</del>	<del>(122,972)</del> <del>(198,791)</del>
	Poles, Towers & Fixtures	<del>153,359,482</del>	1.970	<del>3,021,182</del>	3.030	4,646,792	1,625,611
	OH Conductors & Devices	189,296,618	1.850	3,501,987	4.040	7,647,583	4,145,596
	UG Conduit	<del>187,859,180</del>	2.000	<del>3,757,184</del>	2.200	4,301,975	544,792
	UG-Conductors & Devices	<del>870,403,180</del>	1.900	<del>16,537,660</del>	2.860	24,893,531	8,355,871
<del>368.0</del>	Line Transformers	<del>298,370,265</del>	2.710	8,085,834	2.210	6,593,983	(1,491,851)
<del>369.0</del>	Services	233,070,626	1.560	3,635,902	2.360	5,500,467	1.864.565
370.0	Meters	<del>124,943,052</del>	4.640	5,797,358	3.970	4,960,239	(837,118)
	AMR-Equipment	58,668,704	<del>7.870</del>	4,617,227	9.830	<del>5,767,134</del>	<del>1,149,907</del>
<del>371.0</del>		6,033,880	<del>2.360</del>	<del>142,400</del>	1.000	60,339	(82,061)
373.0	Street Lighting & Signal Systems	<del>155,845,870</del>	<del>2.820</del>	<del>4,394,854</del>	<del>2.950</del>	4,597,453	202,600
	Total Distribution	<del>2,663,404,671</del>	<del>2.310</del>	<u>61,519,204</u>	<del>2.879</del>	<del>76,673,287</del>	<del>15,154,083</del>
	CENEDAL DI ANT						
300.0	GENERAL PLANT Structures & Improvements	5,962,234	3.700	220,603	4.880	200.057	70.254
	General Buildings	2,202,989	2.200	48,466		290,957	70,354
	Partitions	2,202,989 125,814	6.250	48,466 7,863	2.980 7.690	65,649 9,675	17,183 1,812
	Office Furniture & Equipment	2,248,715	4.750	106,814	4.750	106,814	1,812
	Leased Partitions	8,551	5.000	428	5.000	428	0
	Computers	5,459,664	20.000	1,091,933	20.000	1,091,933	0
	Transportation Equipment	16,117,586	9.000	1,450,583	9.000	1,450,583	0
	Stores Equipment	326,601	3.170	10,353	3.170	10,353	ő
	Tools, Shop & Garage Equipment	9,736,170	3.800	369,974	3.800	369,974	ő
	Laboratory Equipment	5,456,709	9.500	518,387	9.500	518,387	ŏ
	Power Operated Equipment	2,867,306	9.000	258,058	9.000	258,058	o
397.0	Communication Equipment	22,582,349	6.670	1,506,243	6.670	1,506,243	0
398.0	Miscellaneous Equipment	614,197	5.000	30,710	5.000	30,710	0
	Total General	73,708,885	7.625	5,620,414	7.746	5,709,763	89,349
	Total Electric Plant	5,825,497,226	2.176	126,783,361	2.704	157,538,853	30,755,492

Standard ECA Rate Secondary= 0.03291 Primary= 0.03208

0.03135 0.03208

Optional TOU ECA Factor Derivation 12 hour peak begining at 9 AM

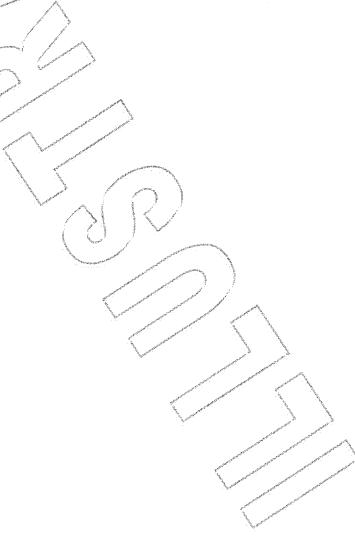
.4		(D=B-C)	Sales @ Meter Sales @ Meter Price Ratio (C=A*B) (D=B-C) (E)	Sales (F=C*E+D)	Revenue Req (G=B*Stan Rate)	_	Off-Peak C (H=G/F)	Jn-Péak (i=E*H)	Proof (\(\(\sigma\)(\(\sigma\)(\(\sigma\))
	,697,022 1,172,461.60	1,524,560.40	1.43	3,201,180.49	\$ 88,758,994	994	0.0277	0.0396	88,758,994
PG 0.39399 746	~	452,113.01	1.43	872,445.77	\$ 23,933,348	348	0.0274	0,0392	23,933,348
0,36218	_	277,269.54	1.43	502,415.12	, ↔	284	0.0271	0.0388	13,628,284

After the rate is in effect for one year, the Company will update load research, and every three years thereafter.

B) The Company will provide the monthly sales forecast every November.

E) The Price Ratio is the projected ratio of the average on-peak marginal cost to the average off-peak marginal cost for the year and will be updated annually in the November filing.

G) is a calculation based on the standard ECA rate and will be updated quarterly. A) This on-peak share will be in effect for the 2007 and 2008 Optional TOU ECA rates.



#### Xcel Energy - Public Service of Colorado Development of Wind Benefit

Exhibit No. RND-10

Page 1 of 3

Illustrative Windsource Rate Development Using Projected 2007 Avoided Costs, Projected 2007 ECA Revenue, and 2005 Windsource Revenue Requirement (1)

#### Line No.

1 Development of Wind Benef	<u>it</u>
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2 Avoided Energy Costs	\$	9,504,000	
3 Avoided Capacity Costs	\$	419,520	
4 Less: Wholesale Portion of Avoided Costs	\$	1,071,122	
5 Less: Lost ECA Revenue	<u>\$</u>	4,234,024	
6 Total Wind Benefit (ECA)	\$	4,618,374	

7

#### 8 Development of Windsource Rates

9	Loss Adjusted
10	Loss Factors Rates Sales Revenue
11 Windsource Rate @ Transmission Excluding Wholesale	1.0000 \$ 0.03343 6,106,264 \$ 204,132
12 Windsource Rate @ Primary	1.0235 <b>\$ 0.03422</b> 5,203,090 \$ 178,027
13 Windsource Rate @ Secondary Including Residential	1,0500 <b>\$ 0.03510</b> 110,875,538 <u>\$ 3,891,898</u>
14 Total	122,184,891 \$ 4,274,057
15	
16 Revenue Proof	
17 Windsource Revenue Requirement	. \$ 8891 812

17 Windsource Revenue Requirement

18 Windsource Full Credit

19 Wind Benefit

20 Total

\$ 8,891,812

\$ 4,274,057

\$ 4,618,374

\$ (619)

21

22 (1) Public Service will use projected 2007 Windsource Revenue Requirement when it files the Windsource Rates on or before November 1, 2006. All other projections are subject to updating on or before November 1, 2006.

