

Public Service Company of Colorado
Rate Case Changes by Issue

Attachment B
Decision No. C03-0670
DOCKET NO. 02S-315EG
Page 1 of 14

Line No.	Description	Gas	Electric	Thermal Energy
1	Original Filing Revenue Change	2,581,418	74,404,991	1,360,827
2				
3				
4	Change due to Restructured Thermo Contract	0	(14,082,749)	0
5	Change due to errors in Revenue Credits	0	(54,586)	0
6	Change due to errors in gas dept. revenue requirements calculation	(332,250)	0	0
7				
8	Revenue Change 8/07/02 Corrected Filing	2,249,166	60,267,656	1,360,827
9				
10				
11	Depreciation Expense	609,936	(29,266,852)	(4,658)
12				
13				
14	Change due to revised lead/lag factors	(9,013,837)	(6,995,215)	(197,976)
15	Change due to error in capital structure	196,024	625,622	2,726
16	Change due to error in Revenue Credits	0	(293,110)	0
17	Change due to reallocation of rent expense adjustments	262,079	(241,646)	0
18	Change due to error in Thermal CWC calculation	0	0	(11,723)
19	Change due to error in amortization of gas rate case expenses	(46,327)	46,968	0
20	Change due to error in common deferred tax amounts	(712,048)	637,097	4,484
21	Change due to non-gratuitous charges	37,464	91,442	0
22	Change due to error in income tax calculation	(474,375)	(5,409,795)	(9,288)
23	Change due to Wholesale Bad Debt	0	(506,420)	0
24				
25	Revenue Change with Corrections through 1/23/03 Stipulation	(6,891,919)	18,945,647	1,144,393
26				
27				
28	Functional Allocator (DISTOPX to DISTMAX)	0	2,571	0
29	Postage Expense	31,044	12,232	(43,816)
30	Reallocation of CPLIC Fees	(916,528)	948,119	(13,696)
31	Storm Expenses	(5,037)	(247,191)	0
32	Sterling Correctional Facility	0	(68,241)	0
33	TRANSLink	0	(7,613)	0
34	Windsource	0	(52,913)	0
35	Gas Storage - Average Cost	(139,269)	0	0
36	A&G and Customer O&M Load to Non-Utility Products & Services	(346,964)	(1,110,802)	0
37	Change Functional Allocator	0	(315,517)	0
38	Change Plant Allocator to Gross Plant Incl Contrib.	0	5,891	0
39	Common Plant Allocator	1,881,482	(1,918,830)	2,210
40				
41	Revenue Change - Rebuttal Testimony 1/24/03	(6,387,191)	16,193,383	1,089,092
42				
43				
44	Common Plant Allocation - CIS	(44,220)	(44,665)	(8)
45	Gas Customer Deposit Interest	447,010	0	0
46	Windsource Adjustment	0	(1,645,336)	0
47				
48	Revenue Change - Supplemental Rebuttal Testimony 2/12/03	(6,984,401)	14,503,382	1,089,084
49				
50				
51	ROE - 10.75% Electric; 11% Gas & Thermal	(9,271,155)	(29,181,158)	(129,145)
52	Average Rate Base	(2,337,274)	(9,089,218)	(181,497)
53	Future Use Plant	0	(646,679)	0
54	Gas Storage Adjustment	(1,975,047)	0	0
55	Actual 2002 Insurance expense	(451,453)	(1,089,137)	0
56	Actual 2002 Purchase capacity costs	0	3,683,320	0
57	Trading A&G and non-production O&M adjustment	0	(2,736,058)	0
58	Oil & Gas Royalties Revenue	0	(1,478,277)	0
59	PSCo Pension Expense Adjustment	2,675,802	4,950,196	102,211
60	Allocation of Labor - A&G	0	(707)	0
61	Specific Assignment of Customer Service and Sales Expense	0	1,634	0
62				
63	Revenue Change - Settlement	(17,843,528)	(21,082,702)	880,853
64				
65	Revenue from Riders expiring with Phase 1 rates	15,483,440	(20,852,893)	906,698
66				
67	Net Change to Annual Revenue	(33,326,968)	(229,809)	(26,045)

Public Service Company of Colorado					
Calculation of Riders					
At December 31, 2001					
Line					
No.	Description	Electric	Gas	Thermal	
1	CPUC Jurisdictional Revenue Requirement	\$ 1,407,008,137	\$275,849,341	\$ 8,405,117	
2					
3	CPUC Jurisdictional Pro Forma Revenue	\$ 1,428,090,839	\$293,692,869	\$ 7,524,464	
4					
5	Required Revenue Increase / (Decrease)	\$ (21,082,702)	\$ (17,843,528)	\$ 880,653	
6					
7					
8	CPUC Jurisdictional Pro Forma Revenue	\$ 1,428,090,839	\$293,692,869	\$ 7,524,464	
9					
10	Less: Street Light Maintenance Revenue	\$ 826,853			
11	Transformer Rental Revenue	\$ 237,828			
12	Gas Transportation Discount Revenue		\$ 5,673,683		
13					
14	Adjusted CPUC Jurisdictional Revenue	\$ 1,427,026,158	\$288,019,186	\$ 7,524,464	
15					
16	Required Revenue Increase	\$ (21,082,702)	\$ (17,843,528)	\$ 880,653	
17					
18	Less: Increase in Street Light Maintenance Revenue	\$ 671,488			
19					
20	Increase Subject to Rider	\$ (21,754,190)	\$ (17,843,528)	\$ 880,653	
21					
22	Percent Rider	-1.52%	-6.20%	11.70%	

Net Original Cost Rate Base

Public Service Company of Colorado								
Revenue Requirements Calculation - Electric Expenses								
12 Months Ended December 31, 2001								
Line No.	Description	Labor	Non-Labor	Total Electric	Adjustments	Adjusted Total Electric	Adjusted Total FERC	Adjusted Total CPUC
1	Cost of Sales							
2	Total Steam Production Fuel	0	200,778,560	200,778,560	(17,492,942)	183,285,618	32,433,920	150,851,698
3	Total Combustion Production Fuel	0	150,862,200	150,862,200	0	150,862,200	26,696,326	124,165,874
4	Deferred Electric Generation Costs	0	(5,077,553)	(5,077,553)	5,077,553	0	0	0
5	Total Purchased Power	0	2,234,555,483	2,234,555,483	(1,635,877,947)	598,677,536	101,643,513	497,034,023
6	Deferred Purchased Power - QF	0	852,183	852,183	(852,183)	0	0	0
7		0	2,581,970,873	2,581,970,873	(1,649,145,519)	932,825,354	160,773,759	772,051,595
8	Total Cost of Sales							
9	Total Steam Production Operation	33,030,046	30,440,054	63,470,100	(1,250)	63,468,850	10,805,596	52,663,254
10	Total Steam Production Maintenance	25,794,911	7,448,470	33,243,381	(2,463,418)	30,779,963	5,400,123	25,379,840
11	Total Hydro Production Operation	1,430,995	752,065	2,183,060	991	2,184,051	360,303	1,823,748
12	Total Hydro Production Maintenance	605,693	247,134	852,827	(8,762)	844,065	143,310	700,755
13	Total Combustion Turbine Production Operation	1,728,991	856,766	2,585,757	(343,707)	2,242,050	368,618	1,873,432
14	Total Combustion Turbine Production Maintenance	4,273,868	3,253,223	7,527,091	(550,000)	6,977,091	1,147,028	5,830,063
15	Total Other Production	38,094	247,128	285,222	99,468	384,690	63,242	321,448
16		66,902,598	43,244,840	110,147,438	(3,266,678)	106,880,760	18,288,220	88,592,540
17	Total Production O&M							
18	Total Transmission Operations	4,123,092	2,712,489	6,835,581	0	6,835,581	1,395,609	5,439,972
19	Total Transmission Maintenance	1,594,224	994,337	2,588,561	(4,311)	2,584,250	524,679	2,059,571
20	Total Wheeling	0	8,468,085	8,468,085	(2,134,600)	6,333,485	1,286,834	5,046,651
21		5,717,316	12,174,911	17,892,227	(2,138,911)	15,753,316	3,207,122	12,546,194
22	Total Transmission O&M							
23	Total Distribution Operations	17,936,137	5,989,440	23,925,577	(288,348)	23,637,229	107,588	23,529,641
24	Total Distribution Maintenance	19,324,224	3,013,122	22,337,346	(236,182)	22,101,164	33,151	22,068,013
25		37,260,361	9,002,562	46,262,923	(524,530)	45,738,393	140,739	45,597,654
26	Total Distribution O&M							
27	Total Customer Accounting Expense	14,215,798	25,364,765	39,580,563	(1,237,233)	38,343,330	517,806	37,825,524
28	Total Customer Service Expense	1,242,436	1,034,998	2,277,434	(443,372)	1,834,062	57,482	1,776,580
29	Total Sales Expense	4,893,132	1,957,234	6,850,366	(4,384,757)	2,465,609	359,434	2,106,175
30		20,351,366	28,356,997	48,708,363	(6,065,361)	42,643,002	934,722	41,708,280
31	Total Customer O&M							
32	Total Administrative & General Expense	59,831,367	81,707,870	141,539,237	(19,631,800)	121,907,437	12,339,400	109,568,037
33		190,063,008	174,487,180	364,550,188	(31,627,280)	332,922,908	34,910,203	298,012,705
34	Total O&M Expense Excluding Fuel & Purchased Power							
35	Total Depreciation & Amortization Expense			181,480,701	(39,742,336)	141,738,365	13,505,561	128,232,804
36	Total Taxes Other Than Income	134,296	52,724,637	52,858,933	6,654,650	59,513,583	5,895,137	53,618,446
37	Total Income Tax Expense			109,481,566	(3,687,772)	105,793,794	10,557,471	95,236,323
38	Gain on Disp. of Allowances			0		0	0	0
39	Gain on Utility Plant			0		0	0	0
40								
41				3,290,342,261	(1,717,548,257)	1,572,794,004	225,642,131	1,347,151,873
42	Total Operating Deductions			11,144,917	921,411	12,066,328	983,436	11,082,892
43	Total Deductions			3,279,197,344	(1,718,469,668)	1,560,727,676	224,658,695	1,336,068,981
44								
45	Revenue Requirements			3,573,369,330	(1,718,469,668)	1,838,790,077	251,160,952	1,587,629,125
46								
47	Total Revenue Credits - General Overhead			(40,653,418)	51,547,759	10,894,341	1,170,593	9,723,748
48	Total Revenue Credits - System Services			32,580,431	(25,880,980)	6,699,451	301,907	6,397,544
49	Total Revenue Credits			(8,072,987)	25,666,779	17,593,792	1,472,500	16,121,292
50	Net Revenue Requirements			3,581,442,317	(1,744,136,447)	1,821,196,285	249,688,452	1,571,507,833
51								
52	Adjust to ICA Base Cost Level							(164,499,696)
53								
54	Total Adjusted CPUC Revenue Requirement					1,821,196,285	249,688,452	1,407,008,137

Net CPUC Jurisdictional Rate Base

Public Service Company of Colorado						
Revenue Requirements Calculation - Gas Expenses						
12 Months Ended December 31, 2001						
Line				Total		Adjusted
No.	Description	Labor	Non-Labor	Gas	Adjustments	Gas
1	Cost of Sales					
2	Total Gas Purchased for Resale	192,428	932,936,758	933,129,186	(933,129,186)	0
3	Total Other Gas Supply	262,810	(1,796,268)	(1,533,458)	0	(1,533,458)
4	Total Underground Storage	662,491	991,396	1,653,887	0	1,653,887
5	Total Production Expense	30,383	39,891	70,274	0	70,274
6	Total Products Extraction Expense	92,494	1,129,511	1,222,005	0	1,222,005
7		1,240,606	933,301,288	934,541,894	(933,129,186)	1,412,708
8	Total Production O&M					
9	Total Transmission Operations	2,259,571	7,739,488	9,999,059	(3,207,708)	6,791,351
10	Total Transmission Maintenance	629,159	519,048	1,148,207	0	1,148,207
11		2,888,730	8,258,536	11,147,266	(3,207,708)	7,939,558
	Total Transmission O&M					
12	Total Distribution Operations	14,564,923	4,770,659	19,335,582	(12,506)	19,323,076
13	Total Distribution Maintenance	6,360,087	1,223,169	7,583,256	0	7,583,256
14		20,925,010	5,993,828	26,918,838	(12,506)	26,906,332
	Total Distribution O&M					
15	Total Customer Accounting	12,606,462	22,260,631	34,867,093	(1,133,562)	33,733,531
16	Total Customer Service	1,049,151	775,830	1,824,981	(71,934)	1,753,047
17	Total Sales Expense	499,328	418,949	918,277	0	918,277
18	Total Customer Operations	14,154,941	23,455,410	37,610,351	(1,205,496)	36,404,855
19	Total Administrative & General	24,499,662	34,008,801	58,508,463	(9,722,166)	48,786,297
20		63,708,949	1,005,017,863	1,068,726,812	(947,277,062)	121,449,750
21	Total O&M					
22	Total Depreciation & Amortization Expense			55,491,180	(13,754,913)	41,736,267
23						
24	Total Taxes Other Than Income			16,948,243	1,802,000	18,750,243
25	Total Income Tax Expense			31,749,614	(3,550,451)	28,199,163
26	Gain on Disp. of Allowances			0		0
27	Gain on Utility Plant			0		0
28	Total Operating Deductions			1,172,915,849	(962,780,426)	210,135,423
29						
30	AFUDC Addition			1,314,989	370,384	1,685,373
31	Total Deductions			1,171,600,860		208,450,050
32						
33	Allocated to FERC					3,308,102
34						
35	CPUC Jurisdictional Expenses			1,171,600,860		205,141,948
36						
37	Revenue Requirements			1,260,119,082		283,396,912
38						
39	Total Revenue Credits			6,978,662	690,621	7,669,283
40						
41	Allocated to FERC					121,712
42						
43	CPUC Jurisdictional Revenue Credits					7,547,571
44						
45	Net Revenue Requirements			1,253,140,420		275,849,341

Net Original Cost Rate Base

Public Service Company of Colorado						
Revenue Requirements Calculation - Thermal						
12 Months Ended December 31, 2001						
Line				Total		Adjusted
No.	Description	Labor	Non-Labor	Thermal	Adjustments	Total
						Thermal
1	Total Cost of Sales	0	9,553,809	9,553,809	(5,854,556)	3,699,253
2						
3	Total Steam Production Operations	894,654	402,743	1,297,397	(90,488)	1,206,909
4	Total Steam Production Maintenance	363,142	222,334	585,476	(352,659)	232,817
5		1,257,796	625,077	1,882,873	(443,147)	1,439,726
6	Total Production O&M					
7	Total Distribution Operations	0	0	0	90,488	90,488
8	Total Distribution Maintenance	0	0	0	352,659	352,659
9		0	0	0	443,147	443,147
10	Total Distribution O&M					
11	Total Customer Accounting	10,094	0	10,094	44	10,138
12	Total Customer Service	0	0	0	0	0
13	Total Sales	0	0	0	0	0
14	Total Customer Operations	10,094	0	10,094	44	10,138
15	Total Administrative & General	498,344	0	498,344	103,744	602,088
16						
17	Total O&M	1,766,234	10,178,886	11,945,120	(5,750,768)	6,194,352
18						
19	Total Depreciation & Amortization Expense			538,432	31,797	570,228
20						
21	Total Taxes Other Than Income			245,522	17,000	262,522
22	Total Income Tax Expense			480,273	(52,349)	427,924
23	Gain on Disp. of Allowances					
24	Gain on Utility Plant					
25						
26	Total Operating Deductions			13,209,347	(5,754,320)	7,455,026
27						
28	AFUDC Addition			20,914	1,560	22,474
29						
30	Total Deductions			13,188,433	(5,755,880)	7,432,552
31						
32	Revenue Requirements			14,342,369	(5,755,880)	8,435,888
33						
34	Less Revenue Credits:			29,431	1,340	30,771
35						
36	Net Revenue Requirements			14,312,938	(5,757,220)	8,405,117

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Public Service Company of Colorado					
Development of Weighted Cash Working Capital Factors - Electric					
12 Months Ended December 31, 2001					
					CWC
Line					Weighted
No.	Description	Amount	Ratio	Factor	Factor
1	Electric Energy Costs:				
2	Gas For Generation	178,173,791	17.69%	(0.003836)	(0.000679)
3	Other Fossil Fuel	173,149,379	17.19%	0.025945	0.004460
4	Fuel Oil	317,590	0.03%	0.026055	0.000008
5	Purchased Power	655,610,161	65.09%	0.008986	0.005849
6	Total	1,007,250,921	100.00%		0.009638
7					
8	Per Book Electric O&M Expense:				
9	Labor O&M	138,325,545	37.94%	0.075863	0.028782
10	Other O&M	95,815,799	26.28%	0.025589	0.006725
11	Service Co. Charges	123,549,892	33.89%	0.015205	0.005153
12	Vacation Expense	6,858,952	1.88%	(1.134164)	(0.021322)
13	Total	364,550,188	99.99%		0.019338
14					
15	Adjusted Electric O&M Expense:				
16	Labor O&M	122,749,717	36.87%	0.075863	0.027971
17	Other O&M	79,764,347	23.96%	0.025589	0.006131
18	Service Co. Charges	123,549,892	37.11%	0.015205	0.005643
19	Vacation Expense	6,858,952	2.06%	(1.134164)	(0.023364)
20	Total	332,922,908	100.00%		0.016381
21					
22	Per Book Taxes Other than Income:				
23	Property Tax	43,190,162	81.71%	(0.700658)	(0.572508)
24	Payroll Tax	8,718,621	16.49%	0.064986	0.010716
25	Other	950,150	1.80%	0.025041	0.000451
26	Total	52,858,933	100.00%		(0.561341)
27					
28	Pro Forma Taxes Other than Income:				
29	Property Taxes	49,844,812	83.75%	(0.700658)	(0.586801)
30	Payroll Tax	8,718,621	14.65%	0.064986	0.009520
31	Other	950,150	1.60%	0.025041	0.000401
32	Total	59,513,583	100.00%		(0.576880)
33					
34	Service Company O&M:				
35	Labor	51,737,463	41.88%	0.060658	0.025404
36	Other	71,812,429	58.12%	0.011753	0.006831
37	Total	123,549,892	100.00%		0.032235

Public Service Company of Colorado					
Development of Weighted Cash Working Capital Factors - Gas					
12 Months Ended December 31, 2001					
					CWC
Line					Weighted
No.	Description	Amount	Ratio	Factor	Factor
1	Per Book Gas O&M Expense:				
2	Labor O&M	39,068,283	28.81%	0.070055	0.020183
3	Other O&M	34,118,190	25.16%	0.019781	0.004977
4	Service Co. Charges	60,112,233	44.33%	0.009397	0.004166
5	Vacation Expense	2,298,920	1.70%	(1.139973)	(0.019380)
6	Total	135,597,626	100.00%		0.009946
7					
8	Adjusted Gas O&M Expense:				
9	Labor O&M	39,068,283	32.17%	0.070055	0.022537
10	Other O&M	19,970,314	16.44%	0.019781	0.003252
11	Service Co. Charges	60,112,233	49.50%	0.009397	0.004652
12	Vacation Expense	2,298,920	1.89%	(1.139973)	(0.021545)
13	Total	121,449,750	100.00%		0.008896
14					
15	Per Book Taxes Other than Income:				
16	Property Taxes	12,735,414	75.14%	(0.706466)	(0.530839)
17	Payroll	3,897,041	22.99%	0.059178	0.013605
18	Other	315,788	1.86%	0.019233	0.000358
19	Total	16,948,243	99.99%		(0.516876)
20					
21	Pro Forma Taxes Other than Income:				
22	Property Taxes	14,537,414	77.53%	(0.706466)	(0.547723)
23	FICA	3,897,041	20.78%	0.059178	0.012297
24	Other	315,788	1.68%	0.019233	0.000323
25	Total	18,750,243	99.99%		(0.535103)
26					
27	Service Company O&M:				
28	Labor	24,448,238	40.67%	0.060658	0.024670
29	Other	35,663,995	59.33%	0.011753	0.006973
30	Total	60,112,233	100.00%		0.031643

Public Service Company of Colorado					
Development of Weighted Cash Working Capital Factors - Thermal					
12 Months Ended December 31, 2001					
					CWC
Line					Weighted
No.	Description	Amount	Ratio	Factor	Factor
1	Per Book Thermal O&M Expense:				
2	Labor O&M	1,765,220	73.82%	0.073616	0.054343
3	Other O&M	551,405	23.06%	0.023342	0.005383
4	Service Co. Charges	11,058	0.46%	0.012959	0.000060
5	Vacation Expense	63,628	2.66%	(1.136411)	(0.030229)
6	Total	2,391,311	100.00%		0.029557
7					
8	Adjusted Thermal O&M Expense:				
9	Labor O&M	1,765,220	70.75%	0.073616	0.052083
10	Other O&M	655,193	26.26%	0.023342	0.006130
11	Service Co. Charges	11,058	0.44%	0.012959	0.000057
12	Vacation Expense	63,628	2.55%	(1.136411)	(0.028978)
13	Total	2,495,099	100.00%		0.029292
14					
15	Per Book Taxes Other than Income:				
16	Property Taxes	171,225	69.74%	(0.702904)	(0.490205)
17	Payroll Taxes	68,053	27.72%	0.062740	0.017392
18	Other	6,244	2.54%	0.022795	0.000579
19	Total	245,522	100.00%		(0.472234)
20					
21	Pro Forma Taxes Other than Income:				
22	Property Taxes	188,225	71.70%	(0.702904)	(0.503982)
23	Payroll Taxes	68,053	25.92%	0.062740	0.016262
24	Other	6,244	2.38%	0.022795	0.000543
25	Total	262,522	100.00%		(0.487177)
26					
27	Service Company O&M:				
28	Labor	1,014	9.17%	0.060658	0.005562
29	Other	10,044	90.83%	0.011753	0.010675
30	Total	11,058	100.00%		0.016237