

**Public Service Company of Colorado  
Natural Gas Department**

<b>Residential - Schedule RG - Rate Design</b>
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Line No.

1	CCOSS Results	
2	Demand Related	\$258,143,264
3	Commodity Related	\$73,817,272
4	<u>Customer Related</u>	<u>\$183,570,623</u>
5	Total	\$515,531,159
6		
7	Monthly S&F Charge	\$12.00/month
8	<u>Test Year Volumes</u>	<u>16,249,926</u>
9	S&F Revenue	\$194,999,112
10		
11	Usage Charge	\$0.30347 /Therm
12	<u>Test Year Volumes</u>	<u>1,056,228,500</u>
13	Usage Revenue	\$320,533,663
14		

**Public Service Company of Colorado  
Natural Gas Department**

<b>Small Commercial - Schedules CSG &amp; TFS Rate Design</b>
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**Line No.**

1	CCOSS Results	
2	Demand Related	\$93,359,003
3	Commodity Related	\$32,393,613
4	<u>Customer Related</u>	<u>\$58,093,205</u>
5	Total	\$183,845,822
6		
7	Monthly S&F Charge	\$45.00/month
8	<u>Test Year Volumes</u>	<u>1,291,779</u>
9	S&F Revenue	\$58,130,055
10		
11	Usage Charge	\$0.27167 /Therm
12	<u>Test Year Volumes - Therms</u>	<u>462,751,313</u>
13	Usage Revenue	\$125,715,649
14		

**Public Service Company of Colorado  
Natural Gas Department**

<b>Large Commercial - Schedules CLG &amp; TFL Rate Design</b>
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**Line No.**

1	CCOSS Results	
2	Demand Related	\$57,171,197
3	Commodity Related	\$25,902,843
4	<u>Customer Related</u>	<u>\$3,648,495</u>
5	Total	\$86,722,535
6		
7	Monthly S&F Charge	\$125.00/month
8	<u>Test Year Volumes</u>	<u>29,247</u>
9	S&F Revenue	\$3,655,875
10		
11	Demand Charge	\$15.00 /Dth
12	<u>Test Year Volumes</u>	<u>3,807,335</u>
13	Demand Revenue	\$57,110,028
14		
15	Usage Charge	\$0.7034 /Dth
16	<u>Test Year Volumes</u>	<u>36,900,045</u>
17	Usage Revenue	\$25,955,492

**Public Service Company of Colorado  
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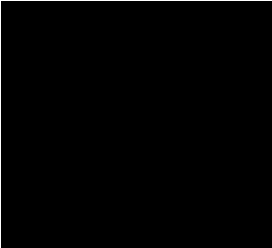
**Interruptible Industrial Gas - Schedules IG and TI**

**Line No.**

1	CCOSS Results	
2	Demand Related	\$10,012,282
3	Commodity Related	\$14,332,950
4	<u>Customer Related</u>	<u>\$274,445</u>
5	Total	\$24,619,677
6		
7	Monthly S&F Charge	\$123.00/month
8	<u>Test Year Volumes</u>	<u>2,229</u>
9	S&F Revenue	\$274,167
10		
11	On-Peak Demand	\$15.00 /Dth
12	<u>Test Year Volumes</u>	<u>1,061</u>
13	Demand Revenue	\$15,915
14		
15	Usage Charge	\$1.2000 /Dth
16	<u>Test Year Volumes</u>	<u>20,275,157</u>
17	Usage Revenue	\$24,330,188
18		

**Public Service Company of Colorado  
 Gas Sales and Transport Service Revenue Summary**

Line No.		Billing Units
1		
2	<b>RG:</b>	
3	Customer Months	16,249,926
4	Commodity - Therms	1,056,228,500
5		
6	<b>RGL:</b>	
7	One or Two Mantle Fixtures	216
8	Commodity - Therms	4,930
9		
10	<b>CSG:</b>	
11	Customer Months	1,215,749
12	Commodity - Therms	351,317,761
13		
14	<b>CLG:</b>	
15	Customer Months	11,624
16	Demand Capacity - DTH	929,627
17	Commodity - DTH	7,417,162
18		
19	<b>CGL:</b>	
20	One or Two Mantle Fixtures	
21	Commodity - Therms	
22		
23	<b>IG:</b>	
24	Customer Months	
25	On-Peak Demand- DTH	
26	Commodity - DTH	
27		
28	<b>TFS:</b>	
29	Customer Months	76,030
30	Commodity - DTH	11,034,086
31	Backup Supply - DTH	109,269
32		
33		
34	<b>TFL:</b>	
35	Customer Months	17,623
36	Demand Capacity - DTH	2,877,708
37	Commodity - DTH	29,105,641
38	Backup Supply - DTH	377,242
39		
40	<u>Fixed Contract Revenue</u>	
41	Demand Capacity	\$11,632,034
42	Commodity	\$472,845
43		
44	<b>TI:</b>	
45	Customer Months	2,097
46	On-Peak Demand - DTH	714
47	Volumes - DTH	19,640,476
48	Backup Supply	140,803
49		
50	Special Facility Charge	\$1,908



**Public Service of Colorado Class Cost of Service Study**

A Line No.	B Description	C Reference	D Balance	E	F	G	H	I	K	L	
				Firm Demand Classes						Interruptible Demand Classes	
				Residential	Small Gen.	Small Trans. Adder	Lg. Gen.	Lg. Trans. Adder	Int. Gen.	Int. Gen. Adder	
Demand-Related - Revenue Requirements and Unit Costs											
1	Class Revenue Requirement	Worksheet F	<b>\$418,685,746</b>	\$258,143,264	\$93,359,003	NA	\$57,171,197	NA	\$10,012,282	NA	
2	Class Full Rate Billing Determinants (Dkts.)	Worksheet Q	NA	17,186,088	6,215,448	NA	3,807,336	NA	666,576	NA	
3	Final Demand-Related Unit Cost	CALCULATED	NA	<b>\$15.0205</b>	<b>\$15.0205</b>	<b>NA</b>	<b>\$15.0161</b>	<b>NA</b>	<b>\$15.0205</b>	<b>NA</b>	
Commodity-Related - Revenue Requirements and Unit Costs											
4	Class Revenue Requirement	Worksheet N	<b>\$146,446,692</b>	\$73,817,272	\$32,393,613	NA	\$25,902,843	NA	\$14,332,950	NA	
5	Class Full Rate Billing Determinants (Dkts.)	Worksheet N	NA	105,622,850	46,275,131	NA	36,900,045	NA	20,134,354	NA	
6	Final Commodity-Related Unit Cost	CALCULATED	NA	<b>\$0.6989</b>	<b>\$0.7000</b>	<b>NA</b>	<b>\$0.7020</b>	<b>NA</b>	<b>\$0.7119</b>	<b>NA</b>	
7	Sum of Demand and Commodity Unit Costs	CALCULATED		<b>\$15.71940</b>	<b>\$15.72050</b>		<b>NA</b>		<b>\$15.73230</b>		
Customer-Related - Revenue Requirements and Unit Costs											
8	Class Revenue Requirement (1)	Worksheet N	<b>\$247,913,371</b>	\$183,570,623	\$58,093,205	\$1,842,350	\$3,648,495	\$433,145	\$274,445	\$51,105	
9	Class Full Rate Billing Determinants (Dkts.)	Worksheet N	NA	16,249,926	1,291,779	76,030	29,499	17,875	2,241	2,109	
10	Preliminary Unit Cost	CALCULATED	NA	<b>\$11.30</b>	<b>\$44.97</b>	<b>\$24.23</b>	<b>\$123.68</b>	<b>\$24.23</b>	<b>\$122.47</b>	<b>\$24.23</b>	
11	Final Customer-Related Unit Cost	CALCULATED	NA	<b>\$11.30</b>	<b>\$44.97</b>	<b>\$69.20</b>	<b>\$123.68</b>	<b>\$147.91</b>	<b>\$122.47</b>	<b>\$146.70</b>	
12	Subtotal Classification Revenue Requirements	CALCULATED	<b>\$813,045,809</b>	\$515,531,159	183845822	\$1,842,350	\$86,722,535	\$433,145	\$24,619,677	\$51,105	
13	Discounted Transportation Customers	CALCULATED	<b>\$12,104,879</b>	\$0	\$0	\$0	\$12,104,879	\$0	\$0	\$0	
14	Total Revenue Requirements	CALCULATED	<b>\$825,150,688</b>	<b>\$515,531,159</b>	<b>\$183,845,822</b>	<b>\$1,842,350</b>	<b>\$98,827,414</b>	<b>\$433,145</b>	<b>\$24,619,677</b>	<b>\$51,105</b>	

**Public Service Company of Colorado  
Natural Gas Department**

<b>Gas Lighting - Schedules RGL &amp; CGL</b>
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<u>Line No.</u>				
1	<b>RGL</b>	Current Charge	GRSA	Updated Rates
2	One or Two Mantles	\$16.20	13.53%	\$18.40
3	Each Additional Mantle	\$8.10	13.53%	\$9.20
4				
5	<b>CGL</b>	Current Charge	GRSA	Updated Rates
6	One or Two Mantles	\$16.20	17.18%	\$19.00
7	Each Additional Mantle	\$8.10	17.18%	\$9.50

**Public Service Company of Colorado  
Natural Gas Department**

<b>Transporation Adder</b>
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**Line No.**

1	CCOSS Results	
2	Demand Related	\$0
3	Commodity Related	\$0
4	<u>Customer Related</u>	<u>\$2,326,600</u>
5	Total	\$2,326,600
6		
7	Monthly S&F Charge	\$24.25/month
8	<u>Test Year Volumes</u>	<u>95,750</u>
9	S&F Revenue	\$2,321,938
10		(4,663)



	Base Rate	Gas Affordability Program	Transportation Adder	Proposed Rates
<b>SCHEDULE RG</b>				
Service and Facility Charge	\$12.00	\$0.21		\$12.21
Usage Charge	\$0.30347			\$0.30347
<b>SCHEDULE RGL</b>				
Charge for one or two mantle	\$18.40			\$18.40
Charge for each additional mantle	\$9.20			\$9.20
<b>SCHEDULE CSG</b>				
Service and Facility Charge	\$45.00	\$0.88		\$45.88
Usage Charge	\$0.27167			\$0.27167
<b>SCHEDULE CLG</b>				
Service and Facility Charge	\$125.00	\$14.15		\$139.15
Capacity Charge	\$15.00			\$15.00
Usage Charge	\$0.7034			\$0.7034
<b>SCHEDULE CGL</b>				
Charge for one or two mantle	\$18.40			\$18.40
Charge for each additional mantle	\$9.20			\$9.20
<b>SCHEDULE IG</b>				
Service and Facility Charge	\$123.00	\$33.86		\$156.86
On-Peak Demand Charge,	\$15.00			\$15.00
Usage Charge,	\$1.2000			\$1.2000
<b>SCHEDULE TFS</b>				
Service and Facility Charge	\$45.00	\$0.88	\$24.25	\$70.13
Usage Charge				
Standard Rate	\$2.7167			\$2.7167
Minimum Rate	\$0.0100			\$0.0100
Unauthorized Overrun Penalty				
Maximum Rate	\$25.00 unless CIG calls a Critical Condition (see current tariff)			
Minimum Rate	\$2.7167			\$2.7167
Backup Sales Service Option				
Backup Sales Service Reservation	\$0.00			\$0.00
Backup Sales Supply	\$2.7167			\$2.7167
<b>SCHEDULE TFL</b>				
Service and Facility Charge	\$125.00	\$14.15	\$24.25	\$163.40
Firm Capacity Reservation				
Standard Rate	\$15.00			\$15.00
Minimum Rate	\$0.60			\$0.60
Usage Charge				
Standard Rate	\$0.7034			\$0.7034
Minimum Rate	\$0.0100			\$0.0100
Authorized Overrun Charge	\$1.2000			\$1.2000
Unauthorized Overrun Penalty				
Maximum Rate	\$25.00 unless CIG calls a Critical Condition (see current tariff)			
Minimum Rate	\$0.7034			\$0.7034
<b>SCHEDULE TI</b>				
Service and Facility Charge	\$123.00	\$33.86	\$24.25	\$181.11
Usage Charge				
Standard Rate	\$1.2000			\$1.2000
Minimum Rate	\$0.0100			\$0.0100
Unauthorized Overrun Penalty				
Maximum Rate	\$25.00 unless CIG calls a Critical Condition (see current tariff)			
Minimum Rate	\$1.2000			\$1.2000
Monthly On Peak Demand Quantity	\$15.00			\$15.00