

**BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,
Complainant,

DOCKET UG-170929

v.

CASCADE NATURAL GAS
CORPORATION,
Respondent.

CASCADE NATURAL GAS CORPORATION

EXHIBIT RJA-13

RON. J. AMEN

Revised Rate Design at Proposed Revenue

March 23, 2018

Customer Class	Pro Forma Test Year Revenues				Proposed Revenues			Difference	
	Billing Units	Present Rates		Revenue	Proposed Rates		Revenue	\$ Amount	% Amount
		Margin	CRM		Margin	CRM			
Residential - 503									
Basic Service Charge	2,205,268	\$4.00		\$ 8,821,072	\$6.00		\$ 13,231,608	\$ 4,410,536	50%
Delivery Charge	120,189,407	\$0.29484	\$0.00792	\$ 36,388,545	\$0.25927	\$0.00000	\$ 31,161,508	\$ (5,227,037)	-14%
Rounding Difference							\$ 265	\$ 265	
Total 503 Revenue				\$ 45,209,617			\$ 44,393,381	\$ (816,236)	-2%
Commercial - 504									
Basic Service Charge	307,211	\$10.00		\$ 3,072,110	\$15.00		\$ 4,608,165	\$ 1,536,055	50%
Delivery Charge	81,344,242	\$0.24608	\$0.00593	\$ 20,499,562	\$0.22608	\$0.00000	\$ 18,390,306	\$ (2,109,256)	-10%
Rounding Difference							\$ 129	\$ 129	
Total 504 Revenue				\$ 23,571,672			\$ 22,998,600	\$ (573,072)	-2%
Industrial - 505									
Basic Service Charge	5,274	\$48.00		\$ 253,166	\$75.00		\$ 395,573	\$ 142,406	56%
Delivery Charge - first 500 therms	1,521,701	\$0.18843	\$0.00452	\$ 293,612	\$0.17245	\$0.00000	\$ 262,417	\$ (31,195)	-11%
Delivery Charge - next 3,500 therms	4,967,619	\$0.15175	\$0.00452	\$ 776,290	\$0.13966	\$0.00000	\$ 693,778	\$ (82,512)	-11%
Delivery Charge - over 4,000 therms	4,928,351	\$0.14620	\$0.00452	\$ 742,801	\$0.13470	\$0.00000	\$ 663,849	\$ (78,952)	-11%
Rounding Difference							\$ 28	\$ 28	
Total 505 Revenue				\$ 2,065,869			\$ 2,015,644	\$ (50,225)	-2%
Large Volume - 511									
Basic Service Charge	1,085	\$100.00		\$ 108,455	\$200.00		\$ 216,911	\$ 108,455	100%
Delivery Charge - first 20,000 therms	7,195,184	\$0.14834	\$0.00325	\$ 1,090,718	\$0.13632	\$0.00000	\$ 980,847	\$ (109,870)	-10%
Delivery Charge - next 80,000 therms	2,872,027	\$0.11295	\$0.00325	\$ 333,730	\$0.10450	\$0.00000	\$ 300,127	\$ (33,603)	-10%
Delivery Charge - over 100,000 therms	1,039,885	\$0.02541	\$0.00325	\$ 29,803	\$0.02577	\$0.00000	\$ 26,798	\$ (3,005)	-10%
Rounding Difference							\$ 31	\$ 31	
Total 511 Revenue				\$ 1,562,706			\$ 1,524,714	\$ (37,992)	-2%
Interruptible - 570									
Basic Service Charge	121	\$130.00		\$ 15,730	\$500.00		\$ 60,500	\$ 44,770	285%
Delivery Charge - first 30,000 therms	1,784,890	\$0.08233	\$0.00130	\$ 149,270	\$0.06313	\$0.00000	\$ 112,680	\$ (36,590)	-25%
Delivery Charge - over 30,000 therms	2,064,045	\$0.02251	\$0.00130	\$ 49,145	\$0.01797	\$0.00000	\$ 37,091	\$ (12,054)	-25%
Rounding Difference							\$ 8	\$ 8	
Total 570 Revenue				\$ 214,145			\$ 210,279	\$ (3,866)	-2%
Transport - 663									
Contract Demand	21,723,625	\$0.20		\$ 4,344,725	\$0.22		\$ 4,779,198	\$ 434,473	10%
System Balancing Charge	438,603,935	\$0.00040		\$ 175,442	\$0.00040		\$ 175,442	\$ -	0%
Basic Service Charge	2,258	\$500.00		\$ 1,129,000	\$750.00		\$ 1,693,500	\$ 564,500	50%
Contract Charges (1)	n/a	n/a		\$ 21,000	n/a		\$ 21,000	\$ -	0%
Delivery Charge - first 100,000 therms	93,012,401	\$0.05730	\$0.00107	\$ 5,429,134	\$0.05044	\$0.00000	\$ 4,691,545	\$ (737,588)	-14%
Delivery Charge - next 200,000 therms	66,218,169	\$0.02023	\$0.00107	\$ 1,410,447	\$0.01841	\$0.00000	\$ 1,219,076	\$ (191,371)	-14%
Delivery Charge - next 200,000 therms	34,443,391	\$0.01187	\$0.00107	\$ 445,697	\$0.01118	\$0.00000	\$ 385,077	\$ (60,620)	-14%
Delivery Charge - over 500,000 therms	244,929,975	\$0.00508	\$0.00107	\$ 1,506,319	\$0.00531	\$0.00000	\$ 1,300,578	\$ (205,741)	-14%
Rounding Difference							\$ 523	\$ 523	
Total 663 Revenue				\$ 14,461,764			\$ 14,265,940	\$ (195,825)	-1%
(1) Contract related charges for certain 663 customers									
Special Contracts - Total 9xx									
Basic Service Charge				\$ 68,500			\$ 68,500	\$ -	0%
Contract Demand Charge				\$ 2,321,433			\$ 2,321,433	\$ -	0%
Dispatch Delivery/ Sys Balancing Charge				\$ 74,842			\$ 74,842	\$ -	0%
Delivery Charge				\$ 3,346,993			\$ 3,346,993	\$ -	0%
Rounding Difference				\$ -			\$ -	\$ -	
Total 9xx Revenue				\$ 5,811,768			\$ 5,811,768	\$ -	0%

Customer Class	Pro Forma Test Year Revenues		Proposed Revenues		Difference	
		Revenue		Revenue	\$ Amount	% Amount
SALES SUMMARY						
Tariff Schedule Revenue	\$	72,624,010	\$	71,142,618	\$ (1,481,392)	-2%
Revenue Taxes and Fees	\$	8,364,346	\$	8,364,346	\$ -	0%
Gas Cost	\$	112,289,916	\$	112,289,916	\$ -	0%
Total Sales Revenue	\$	193,278,272	\$	191,796,880	\$ (1,481,392)	-1%
TRANSPORTATION SUMMARY						
Tariff Schedule and Contract Revenue	\$	20,273,532	\$	20,077,708	\$ (195,825)	-1%
Revenue Taxes and Fees	\$	2,730,375	\$	2,730,375	\$ -	0%
Total Transportation Revenue	\$	23,003,907	\$	22,808,082	\$ (195,825)	-1%
TOTAL CASCADE REVENUE						
Sales Total	\$	193,278,272	\$	191,796,880	\$ (1,481,392)	-1%
Transportation Total	\$	23,003,907	\$	22,808,082	\$ (195,825)	-1%
Other Operating Revenue	\$	909,730	\$	909,730	\$ -	0%
Total Cascade Revenue	\$	217,191,909	\$	215,514,692	\$ (1,677,217)	-1%