

Exhibit No. __ (RJA-4)
Docket No. UG-17____
Witness: Ronald J. Amen

**BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,
Complainant,

v.

CASCADE NATURAL GAS
CORPORATION,
Respondent.

DOCKET UG-17_____

CASCADE NATURAL GAS CORPORATION

EXHIBIT OF RONALD J. AMEN

ANALYSIS OF REVENUE BY DETAILED TARIFF SCHEDULE

August 31, 2017

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	\$0.30446	\$0.00000	\$ 36,592,867	\$ 204,322	1%
Rounding Difference							\$ 123	\$ 123	
Total 503 Revenue				\$ 45,209,617			\$ 49,824,597	\$ 4,614,981	10%
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	\$0.23313	\$0.00000	\$ 18,963,783	\$ (1,535,779)	-7%
Rounding Difference							\$ (276)	\$ (276)	
Total 504 Revenue				\$ 23,571,672			\$ 23,571,672	\$ -	0%
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	\$0.17779	\$0.00000	\$ 270,543	\$ (23,069)	-8%
Delivery Charge - next 3,500 therms	4,967,619	\$0.15175	\$0.00452	\$ 776,290	\$0.14399	\$0.00000	\$ 715,287	\$ (61,002)	-8%
Delivery Charge - over 4,000 therms	4,928,351	\$0.14620	\$0.00452	\$ 742,801	\$0.13888	\$0.00000	\$ 684,449	\$ (58,352)	-8%
Rounding Difference							\$ 17	\$ 17	
Total 505 Revenue				\$ 2,065,869			\$ 2,065,869	\$ -	0%
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	\$0.14028	\$0.00000	\$ 1,009,340	\$ (81,378)	-7%
Delivery Charge - next 80,000 therms	2,872,027	\$0.11295	\$0.00325	\$ 333,730	\$0.10753	\$0.00000	\$ 308,829	\$ (24,900)	-7%
Delivery Charge - over 100,000 therms	1,039,885	\$0.02541	\$0.00325	\$ 29,803	\$0.02652	\$0.00000	\$ 27,578	\$ (2,225)	-7%
Rounding Difference							\$ 48	\$ 48	
Total 511 Revenue				\$ 1,562,706			\$ 1,562,706	\$ -	0%
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	\$0.09426	\$0.00000	\$ 168,244	\$ 18,973	13%
Delivery Charge - over 30,000 therms	2,064,045	\$0.02251	\$0.00130	\$ 49,145	\$0.02684	\$0.00000	\$ 55,399	\$ 6,254	13%
Rounding Difference							\$ 3	\$ 3	
Total 570 Revenue				\$ 214,145			\$ 284,145	\$ 70,000	33%
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	\$0.05970	\$0.00000	\$ 5,552,840	\$ 123,706	2%
Delivery Charge - next 200,000 therms	66,218,169	\$0.02023	\$0.00107	\$ 1,410,447	\$0.02179	\$0.00000	\$ 1,442,894	\$ 32,447	2%
Delivery Charge - next 200,000 therms	34,443,391	\$0.01187	\$0.00107	\$ 445,697	\$0.01324	\$0.00000	\$ 456,031	\$ 10,333	2%
Delivery Charge - over 500,000 therms	244,929,975	\$0.00508	\$0.00107	\$ 1,506,319	\$0.00629	\$0.00000	\$ 1,540,610	\$ 34,290	2%
Rounding Difference							\$ 251	\$ 251	
Total 663 Revenue				\$ 14,461,764			\$ 15,661,764	\$ 1,200,000	8%
(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%
Total 9xx Revenue				\$ 5,811,768			\$ 5,811,768	\$ -	0%

Customer Class	Pro Forma Test Year Revenues		Proposed Revenues		Difference	
	Revenue	Revenue	Revenue	Revenue	\$ Amount	% Amount
SALES SUMMARY						
Tariff Schedule Revenue	\$ 72,624,010		\$ 77,308,991		\$ 4,684,981	6%
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		\$ 197,963,252		\$ 4,684,981	2%
TRANSPORTATION SUMMARY						
Tariff Schedule and Contract Revenue	\$ 20,273,532		\$ 21,473,532		\$ 1,200,000	6%
Revenue Taxes and Fees	\$ 2,730,375		\$ 2,730,375		\$ -	0%
Total Transportation Revenue	\$ 23,003,907		\$ 24,203,907		\$ 1,200,000	5%
TOTAL CASCADE REVENUE						
Sales Total	\$ 193,278,272		\$ 197,963,252		\$ 4,684,981	2%
Transportation Total	\$ 23,003,907		\$ 24,203,907		\$ 1,200,000	5%
Other Operating Revenue	\$ 909,730		\$ 909,730		\$ -	0%
Total Cascade Revenue	\$ 217,191,909		\$ 223,076,889		\$ 5,884,981	3%