

Exhibit No. __ (MCR-2)

Docket No. UG-17_____

Witness: Maryalice C. Rosales

WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,
Complainant,

v.

CASCADE NATURAL GAS
CORPORATION,

Respondent.

DOCKET UG-17_____

CASCADE NATURAL GAS CORPORATION

EXHIBIT OF MARYALICE C. ROSALES

SUMMARY OF REVENUES BY RATE SCHEDULE

31-Jul-17

Test Year Billing (January 1, 2016 Through December 31, 2016)				Deleting schedules to combine with other			Current Rates (11/1/2016) Test year customers and weather normalized volumes			CRM			Proposed Rates (Test year customers and weather normalized volumes 12/31/2016)				
Rate Description	Billing Determinants (Therms/Bills)	Rate	Test Year Revenue (Margin)	Billing Determinants (Therms/Bills)	Rate	Remove/Add	Billing Determinants (Therms/Bill)	Rate	Margin	2017 Revenue Adjustment	Billing Determinants (Therms/Bill)	Rate	CRM	Billing Determinants (Therms/Bill)	Rate	Margin	Proposed Margin
(A)	(B)	(C)	(D) (B*C)	(E)	(F)	(G) (E*F)	(H)	(I)	(J)	(K) (J-D-G)	(L)	(M)	(N) (L*M)	(O)	(P)	(Q)	(R) (O*P)
Component																	
Rate Schedule: CNGWA502 (Dry-Out Service - Residential)																	
Basic Service Charge	7,215	\$ 14.00	\$101,010.00	(7,215)	\$14.00	(\$101,010.00)	0		0	-\$101,010.00							
Margin (Jan. - Aug.)	258,550	\$0.08746	\$22,612.78	(258,550)	\$0.08746	(\$22,612.78)	0		0								
Margin (Sept. forward)	111,687	\$0.09183	\$10,256.22	(111,687)	\$0.09183	(\$10,256.22)	0		0								
All therms	370,237		\$32,869.00							-\$32,869.00							
Total Rate Schedule: CNGWA502 (Dry-Out Service - Residential)			\$133,879.00							-\$133,879.00							
Rate Schedule: CNGWA503 (Residential)																	
Basic Service Charge	2,198,053	\$ 4.00	\$8,792,212.00	7,215	\$4.00	\$28,860.00	2,205,268	\$ 4.00	\$8,821,072.00	\$28,860.00				2,205,268	\$6.00	\$ 13,231,608.00	\$4,410,536
Margin (Jan. - Aug.)	77,388,055	\$0.27277	\$21,109,139.76	258,550	\$0.27277	\$70,524.68	77,646,605		\$70,524.68								
Margin (Sept. forward)	29,079,952	\$0.29484	\$8,573,933.05	111,687	\$0.29484	\$32,929.80	29,191,639		\$32,929.80								
Weather Normalized Volume Adjustment							13,351,163	\$0.29484	\$3,936,456.90	\$3,936,456.90							
Adj. Therms and Rounding	-1,705		(\$550.47)														
All therms	106,466,302		\$29,682,522.34				120,189,407	\$0.29484	\$35,436,644.76	\$5,754,122.42	120,189,407	\$0.00792	\$951,900.10	120,189,407	\$0.30497	\$ 36,654,163.45	\$265,619
Total Rate Schedule: CNGWA503 (Residential)			\$38,474,734.34						\$44,257,716.76	\$5,782,982.42			\$951,900.10				
<i>Gas Cost</i>									<i>0.49569</i>	<i>\$59,576,687.16</i>							
Rate Schedule: CNGWA504 (General Commercial)																	
Basic Service Charge	307,199	\$ 10.00	\$3,071,990.00	12	\$10.00	\$120.00	307,211	\$ 10.00	\$3,072,110.00	\$120.00				307,211	\$15.00	\$ 4,608,165.00	\$1,536,055
Margin (Jan. - Aug.)	55,927,694	\$0.24196	\$13,532,264.84	33,844	\$0.24196	\$8,188.89	55,961,538		\$8,188.89								
Margin (Sept. forward)	19,775,776	\$0.24608	\$4,866,422.96	13,536	\$0.24608	\$3,330.94	19,789,312		\$3,330.94								
Weather Normalized Volume Adjustment							5,593,392	\$0.24608	\$1,376,421.90	\$1,376,421.90							
Adj. Therms and Rounding	-85,903		\$3.39														
All therms	75,617,567		\$18,398,691.19				81,344,242	\$0.24608	\$20,017,191.07	\$1,618,499.88	81,344,242	\$0.00593	\$482,371.36	81,344,242	\$0.23313	\$ 18,963,783.14	-\$1,535,779
Total Rate Schedule: CNGWA504 (General Commercial)			\$21,470,681.19						\$23,089,301.07	\$1,618,619.88			\$482,371.36				
<i>Gas Cost</i>									<i>0.49304</i>	<i>\$40,105,965.08</i>							
Rate Schedule: CNGWA505 (General Industrial - Large Volume)																	
Basic Service Charge (Jan. - Aug.)	3,623	\$ 24.00	\$86,952.00											5,274	\$75.00	\$ 395,572.50	\$142,406
Basic Service Charge (Sept. forward)	1,651	\$ 48.00	\$79,262.40														
Total Basic Service Charge	5,274		\$166,214.40				5,274	\$ 48.00	\$253,166.40	\$86,952.00							
Margin First 500 Therms (Jan. - Aug.)	1,091,132	\$0.19817	\$216,229.63								1,521,701	\$0.00452	\$6,878.09	1,521,701	\$0.17779	\$ 270,543.22	-\$23,069
Margin Next 3,500 Therms (Jan. - Aug.)	3,573,823	\$0.15996	\$571,668.73								4,967,619	\$0.00452	\$22,453.64	4,967,619	\$0.14399	\$ 715,287.46	-\$61,002
Margin > 4,000 Therms (Jan. - Aug.)	2,714,630	\$0.15418	\$418,541.65								4,928,351	\$0.00452	\$22,276.15	4,928,351	\$0.13888	\$ 684,449.39	-\$58,352
Margin First 500 Therms (Sept. forward)	430,569	\$0.18843	\$81,132.12				1,521,701	\$0.18843	\$286,734.12	(\$10,627.63)							
Margin Next 3,500 Therms (Sept. forward)	1,393,796	\$0.15175	\$211,508.54				4,967,619	\$0.15175	\$753,836.18	(\$29,341.09)							
Margin > 4,000 Therms (Sept. forward)	1,619,841	\$0.14620	\$236,820.75				4,334,471	\$0.14620	\$633,699.66	(\$21,662.75)							
Weather Normalized Volume Adjustment							593,880	\$0.14620	\$86,825.26	\$86,825.26							
Adj. Therms and Rounding	12		\$12.33														
All Therms	10,823,803		\$1,735,913.75				11,417,671		\$1,761,095.22	\$25,181.47							
Total Rate Schedule: CNGWA505 (General Industrial - Large Volume)			\$1,902,128.15						\$2,014,261.62	\$112,133.47			\$6,878.09				
<i>Gas Cost</i>									<i>0.47993</i>	<i>\$5,479,682.84</i>							
Rate Schedule: CNGWA511																	
Basic Service Charge (Jan. - Sept.)	821	\$ 44.00	\$36,119.20											1,085	\$200.00	\$ 216,910.98	\$108,455
Basic Service Charge (Oct. forward)	264	\$ 100.00	\$26,366.40														
Total Basic Service Charge	1,085		\$62,485.60				1,085	\$ 100.00	\$108,455.49	\$45,969.89							
Margin First 20,000 Therms (Jan. - Sept.)	5,132,259	\$0.15247	\$782,515.53								7,195,184	\$0.00325	\$23,384.35	7,195,184	\$0.14028	\$ 1,009,340.41	-\$81,378
Margin Next 80,000 Therms (Jan. - Sept.)	1,970,735	\$0.11647	\$229,531.51								2,872,027	\$0.00325	\$9,334.09	2,872,027	\$0.10753	\$ 308,829.06	-\$24,900
Margin > 100,000 Therms (Jan. - Sept.)	182,177	\$0.02742	\$4,995.29								1,039,885	\$0.00325	\$3,379.63	1,039,885	\$0.02652	\$ 27,577.75	-\$2,225
Margin First 20,000 Therms (Oct. forward)	2,062,925	\$0.14834	\$306,014.29				7,195,184	\$0.14834	\$1,067,333.59	(\$21,196.23)							
Margin Next 80,000 Therms (Oct. forward)	901,292	\$0.11295	\$101,800.93				2,872,027	\$0.11295	\$324,395.45	(\$6,936.99)							
Margin > 100,000 Therms (Oct. forward)	43,399	\$0.02541	\$1,102.77				225,576	\$0.02541	\$5,731.89	(\$366.18)							
Weather Normalized Volume Adjustment							814,309	\$0.02541	\$20,691.59	\$20,691.59							
Adj. Therms and Rounding	22,811		\$3,439.67														
All Therms	10,315,598		\$1,429,399.99				11,107,096		\$1,418,152.52	-\$11,247.47							
Total Rate Schedule: CNGWA511			\$1,491,885.59						\$1,526,608.01	\$34,722.42			\$36,098.06				
<i>Gas Cost</i>									<i>0.47993</i>	<i>\$5,330,628.58</i>							

Test Year Billing (January 1, 2016 Through December 31, 2016)				Deleting schedules to combine with other			Current Rates (11/1/2016) Test year customers and weather normalized volumes			CRM				Proposed Rates (Test year customers and weather normalized volumes 12/31/2016)			
Rate Description	Billing Determinants (Therms/Bills)	Rate	Test Year Revenue (Margin)	Billing Determinants (Therms/Bills)	Rate	Remove/Add	Billing Determinants (Therms/Bill)	Rate	Margin	2017 Revenue Adjustment	Billing Determinants (Therms/Bill)	Rate	CRM	Billing Determinants (Therms/Bill)	Rate	Margin	Proposed Margin
(A)	(B)	(C)	(D) (B*C)	(E)	(F)	(G) (E*F)	(H)	(I)	(J)	(K) (J-D-G)	(L)	(M)	(N) (L*M)	(O)	(P)	(Q)	(R) (O*P)
Rate Schedule: CNGWA512 (Compressed Natural Gas)																	
Basic Service Charge	12	\$ 14.00	\$168.00	(12)	\$14.00	(\$168.00)											\$0.00
Margin (Jan. - Aug.)	33,844	\$0.21161	\$7,161.73	(33,844)	\$0.21161	(\$7,161.73)											\$0.00
Margin (Sept. forward)	13,536	\$0.21479	\$2,907.40	(13,536)	\$0.21479	(\$2,907.40)											
All Therms	47,380		\$10,069.13														
Total Rate Schedule: CNGWA512 (Compressed Natural Gas)			\$10,237.13														
Rate Schedule: CNGWA570 Interruptible Service (Large Volume)																	
Basic Service Charge (Jan. - Sept.)	72	\$ 44.00	\$3,168.00	19	\$44.00	\$836.00								121	\$500.00	\$ 60,500.00	\$44,770
Basic Service Charge (Oct. forward)	24	\$ 130.00	\$3,120.00	6	\$130.00	\$780.00											
Total Basic Service Charge	96		\$6,288.00	25			121	\$ 130.00	\$15,730.00	\$9,442.00							
Margin First 30,000 Therms (Jan. - Sept.)	1,189,323	\$0.08455	\$100,557.27	127,908	\$0.08455	\$10,814.62					1,784,890	\$0.00130	\$2,320.36	1,784,890	\$0.09426	\$ 168,243.76	\$18,973
Margin > 30,000 Therms (Jan. - Sept.)	1,591,441	\$0.02352	\$37,430.70			\$0.00					2,064,045	\$0.00130	\$2,683.26	2,064,045	\$0.02684	\$ 55,398.97	\$6,254
Margin First 30,000 Therms (Oct. forward)	427,183	\$0.08233	\$35,169.99	40,476	\$0.08233	\$3,332.39	1,784,890	\$0.08233	\$146,950.02	(\$2,924.25)							
Margin > 30,000 Therms (Oct. forward)	472,604	\$0.02251	\$10,638.31			\$0.00	2,064,045	\$0.02251	\$46,461.65	(\$1,607.36)							
All Therms	3,680,551		\$183,796.27				3,848,935		\$193,411.67								
Total Rate Schedule: CNGWA570 Interruptible Service (Large Volume)			\$190,084.27						\$209,141.67	\$19,057.40			\$5,003.62				
<i>Gas Cost</i>									0.46687	\$1,796,952.44							
Rate Schedule: CNGWA577 (Limited Interruptible Service)																	
Basic Service Charge (Jan. - Sept.)	19	\$ 44.00	\$836.00	(19)	\$44.00	(\$836.00)			0								
Basic Service Charge (Oct. forward)	6	\$ 130.00	\$780.00	(6)	\$130.00	(\$780.00)			0								
Total Basic Service Charge	25		\$1,616.00	(25)					0								
Margin First 4,000 Therms (Jan. - Sept.)	69,814	\$0.11314	\$7,898.76	(69,814)	\$0.11314	(\$7,898.76)			0								
Margin > 4,000 Therms (Jan. - Sept.)	58,094	\$0.09210	\$5,350.46	(58,094)	\$0.09210	(\$5,350.46)			0								
Margin First 4,000 Therms (Oct. forward)	23,613	\$0.10401	\$2,455.99	(23,613)	\$0.10401	(\$2,455.99)			0								
Margin > 4,000 Therms (Oct. forward)	16,863	\$0.08446	\$1,424.25	(16,863)	\$0.08446	(\$1,424.25)			0								
All Therms	168,384		\$17,129.45						0								
Total Rate Schedule: CNGWA577 (Limited Interruptible Service)			\$18,745.45														
Rate Schedule: CNGW6631 (Distribution System Transportation)																	
Basic Service Charge	12	\$ 500.00	\$6,000.00								12	\$ 500.00	\$6,000.00				\$3,000.00
Total Rate Schedule: CNGW6631 (Distribution System Transportation)			\$6,000.00														
Rate Schedule: CNGW6631 (Distribution System Transportation)																	
Basic Service Charge	2,210	\$ 500.00	\$1,105,000.00				2,210	\$500	\$1,105,000.00								\$552,500.00
Contract Demand Charge (Jan. - Sept.)	11,656,100	\$0.150	\$1,748,415.00											15,613,625	\$0.22000	\$ 3,434,997.50	\$312,272.50
Contract Demand Charge (Oct. forward)	3,957,525	\$0.200	\$791,505.00				15,613,625	\$0.20	\$3,122,725.00	\$582,805.00							
Dispatch Delivery Charge (Jan. - Sept.)	251,558,586	\$0.0002	\$50,311.78														
System Balancing Charge (Oct. forward)	94,143,704	\$0.0004	\$37,648.02				345,702,290	\$0.0004	\$138,280.92	\$50,321.12							
Contract Charge	12	\$1,250.00	\$15,000.00				12	\$1,250.00	\$15,000.00	\$0.00							
Contract Charge	12	\$500.00	\$6,000.00				12	\$500.00	\$6,000.00	\$0.00							
Delivery Charge First 100,000 Therms (Jan. - Sept.)	65,401,602	\$0.05429	\$3,550,652.98								89,920,108	\$0.00107	\$96,214.52	89,920,108	\$0.05970	\$ 5,368,230.42	\$119,593.74
Delivery Charge Next 200,000 Therms (Jan. - Sept.)	44,096,847	\$0.01879	\$828,579.75								61,418,169	\$0.00107	\$65,717.44	61,418,169	\$0.02179	\$ 1,338,301.90	\$30,094.90
Delivery Charge Next 200,000 Therms (Jan. - Sept.)	21,440,428	\$0.01079	\$231,342.22								29,643,391	\$0.00107	\$31,718.43	29,643,391	\$0.01324	\$ 392,478.50	\$8,893.02
Delivery Charge > 500,000 Therms (Jan. - Sept.)	120,666,430	\$0.00429	\$517,658.98								164,720,623	\$0.00107	\$176,251.07	164,720,623	\$0.00629	\$ 1,036,092.72	\$23,060.89
Delivery Charge First 100,000 Therms (Oct. forward)	24,518,505	\$0.05730	\$1,404,910.36				89,920,108	\$0.05730	\$5,152,422.17	\$196,858.82							
Delivery Charge Next 200,000 Therms (Oct. forward)	17,321,322	\$0.02023	\$350,410.34				61,418,169	\$0.02023	\$1,242,489.55	\$63,499.46							
Delivery Charge Next 200,000 Therms (Oct. forward)	8,202,963	\$0.01187	\$97,369.17				29,643,391	\$0.01187	\$351,867.05	\$23,155.66							
Delivery Charge > 500,000 Therms (Oct. forward)	44,054,193	\$0.00508	\$223,795.30				164,720,623	\$0.00508	\$836,780.76	\$95,326.48							
All Therms	345,702,290		\$7,204,719.11				345,702,290		\$7,583,559.53	\$378,840.42							
Total Rate Schedule: CNGW6631 (Distribution System Transportation)			\$10,958,598.91						\$11,970,565.45	\$1,011,966.54			\$369,901.45				
Rate Schedule: CNGW6632 (Distribution System Transportation)																	
Basic Service Charge	12	\$ 500.00	\$6,000.00														\$3,000.00
Volumetric Firming Charge (Jan. - Sept.)	520,737	\$0.0156	\$8,123.50						\$0.00	(\$8,123.50)				692,293	\$0.00040	\$ 276.92	\$0.00
Dispatch Delivery Charge (Jan. - Sept.)	520,737	\$0.0002	\$104.15														
System Balancing Charge (Oct. forward)	171,556	\$0.0004	\$68.62				692,293	\$0.00040	\$276.92	\$104.15							
Delivery Charge First 100,000 Therms (Jan. - Sept.)	520,737	\$0.05429	\$28,270.81								692,293	\$0.00107	\$740.75	692,293	\$0.05970	\$ 41,329.89	\$920.75
Delivery Charge First 100,000 Therms (Oct. forward)	171,556	\$0.05730	\$9,830.16				692,293	\$0.05730	\$39,668.39	\$1,567.42							
All Therms	692,293		\$38,100.97				692,293		\$39,668.39	\$1,567.42							

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Rate Description	Billing Determinants (Therms/Bills)	Rate	Test Year Revenue (Margin)	Billing Determinants (Therms/Bills)	Rate	Remove/Add	Billing Determinants (Therms/Bill)	Rate	Margin	2017 Revenue Adjustment	Billing Determinants (Therms/Bill)	Rate	CRM	Billing Determinants (Therms/Bill)	Rate	Margin	Proposed Margin
(A)	(B)	(C)	(D) (B*C)	(E)	(F)	(G) (E*F)	(H)	(I)	(J)	(K) (J-D-G)	(L)	(M)	(N) (L*M)	(O)	(P)	(Q)	(R) (O*P)
Total Rate Schedule: CNGW6632 (Distribution System Transportation)			\$52,397.24						\$45,945.31	(\$6,451.93)			\$740.75				
Rate Schedule: CNGW6633 (Distribution System Transportation)																	
Basic Service Charge	12	\$500	\$6,000.00				12	\$500	\$6,000.00	\$0.00				12	\$750.00	\$ 9,000.00	\$3,000.00
Contract Demand Charge (Jan. - Aug.)	4,160,000	\$0.15	\$624,000.00											6,110,000	\$0.22000	\$ 1,344,200.00	\$122,200.00
Contract Demand Charge (Sept. forward)	1,950,000	\$0.20	\$390,000.00				6,110,000	\$0.20	\$1,222,000.00	\$208,000.00				63,251,892	\$0.00040		
Dispatch Delivery Charge	50,092,097	0.0002	\$10,018.42														
System Balancing Charge	13,159,795	0.0004	\$5,263.92				63,251,892	\$0.00040	\$25,300.76	\$10,018.42							
Delivery Charge First 100,000 Therms (Jan. - Sept.)	900,000	\$0.05429	\$48,861.00								1,200,000	\$0.00107	\$1,284.00	1,200,000	\$0.05970	\$ 71,640.00	\$1,596.00
Delivery Charge Next 200,000 Therms (Jan. - Sept.)	1,800,000	\$0.01879	\$33,822.00								2,400,000	\$0.00107	\$2,568.00	2,400,000	\$0.02179	\$ 52,296.00	\$1,176.00
Delivery Charge Next 200,000 Therms (Jan. - Sept.)	1,800,000	\$0.01079	\$19,422.00								2,400,000	\$0.00107	\$2,568.00	2,400,000	\$0.01324	\$ 31,776.00	\$720.00
Delivery Charge > 500,000 Therms (Jan. - Sept.)	45,592,097	\$0.00429	\$195,590.10								57,251,892	\$0.00107	\$61,259.52	57,251,892	\$0.00629	\$ 360,114.40	\$8,015.26
Delivery Charge First 100,000 Therms (Oct. forward)	300,000	\$0.05730	\$17,190.00				1,200,000	\$0.05730	\$68,760.00	\$2,709.00							
Delivery Charge Next 200,000 Therms (Oct. forward)	600,000	\$0.02023	\$12,138.00				2,400,000	\$0.02023	\$48,552.00	\$2,592.00							
Delivery Charge Next 200,000 Therms (Oct. forward)	600,000	\$0.01187	\$7,122.00				2,400,000	\$0.01187	\$28,488.00	\$1,944.00							
Delivery Charge > 500,000 Therms (Oct. forward)	11,659,795	\$0.00508	\$59,231.76				57,251,892	\$0.00508	\$290,839.61	\$36,017.76							
All Therms	63,251,892		\$393,376.85				63,251,892		\$436,639.61	\$43,262.76							
Total Rate Schedule: CNGW6633 (Distribution System Transportation)			\$1,428,659.19						\$1,689,940.37	\$261,281.18			\$67,679.52				
Rate Schedule: CNGW6635 (Distribution System Transportation)																	
Dispatch Service Charge	12	\$500	\$6,000.00				12	\$500	\$6,000.00	\$0.00				12	\$ 750.00	\$ 9,000.00	\$3,000.00
Dispatch Delivery Charge	24,344,939	\$0.0002	\$4,868.99											28,957,460	0.0004		
System Balancing Charge	4,612,521	\$0.0004	\$1,845.01				28,957,460	\$0.0004	\$11,582.98	\$4,868.99							
Delivery Charge First 100,000 Therms (Jan. - Sept.)	900,000	\$0.05429	\$48,861.00								1,200,000	\$0.00107	\$1,284.00	1,200,000	\$0.05970	\$ 71,640.00	\$1,596.00
Delivery Charge Next 200,000 Therms (Jan. - Sept.)	1,800,000	\$0.01879	\$33,822.00								2,400,000	\$0.00107	\$2,568.00	2,400,000	\$0.02179	\$ 52,296.00	\$1,176.00
Delivery Charge Next 200,000 Therms (Jan. - Sept.)	1,800,000	\$0.01079	\$19,422.00								2,400,000	\$0.00107	\$2,568.00	2,400,000	\$0.01324	\$ 31,776.00	\$720.00
Delivery Charge > 500,000 Therms (Jan. - Sept.)	19,844,939	\$0.00429	\$85,134.79								22,957,460	\$0.00107	\$24,564.48	22,957,460	\$0.00629	\$ 144,402.42	\$3,214.04
Delivery Charge First 100,000 Therms (Oct. forward)	300,000	\$0.05730	\$17,190.00				1,200,000	\$0.05730	\$68,760.00	\$2,709.00							
Delivery Charge Next 200,000 Therms (Oct. forward)	600,000	\$0.02023	\$12,138.00				2,400,000	\$0.02023	\$48,552.00	\$2,592.00							
Delivery Charge Next 200,000 Therms (Oct. forward)	600,000	\$0.01187	\$7,122.00				2,400,000	\$0.01187	\$28,488.00	\$1,944.00							
Delivery Charge > 500,000 Therms (Oct. forward)	3,112,521	\$0.00508	\$15,811.61				22,957,460	\$0.00508	\$116,623.90	\$15,677.50							
All Therms	28,957,460		\$239,501.39				28,957,460		\$262,423.90	\$22,922.50							
Total Rate Schedule: CNGW6635 (Distribution System Transportation)			\$252,215.39						\$280,006.88	\$27,791.49			\$30,984.48				
Rate Schedule: CNGWA901																	
Dispatch Service Charge	12	\$500	\$6,000.00				12	\$500	\$6,000.00	\$0.00				12	\$500	\$ 6,000.00	\$0.00
Contract Demand Charge (Jan. - Aug.)	3,200,000	0.0497158	\$159,090.56											84,686,621	\$0.0002	\$ 16,937.32	\$0.00
Contract Demand Charge (Sept. forward)	1,600,000	0.0499892	\$79,982.72				4,800,000	\$0.0499892	\$239,948.16	\$874.88							
Dispatch Delivery Charge	84,686,621	0.0002	\$16,937.32				84,686,621	\$0.0002	\$16,937.32	\$0.00							
Commodity Charge (Jan. - Aug.)	54,574,293	0.0145833	\$795,873.29											84,686,621	0.0146635	\$ 1,241,802.27	\$0.00
Commodity Charge (Sept. forward)	30,112,328	0.0146635	\$441,552.12														
All Therms	84,686,621		\$1,237,425.41				84,686,621	0.0146635	\$1,241,802.27	\$4,376.86							
Total Rate Schedule: CNGWA901			\$1,499,436.01						\$1,504,687.75	\$5,251.74							
Rate Schedule: CNGWA902																	
Dispatch Service Charge	10	500	\$5,000.00				10	500	\$5,000.00	\$0.00				10	500	\$ 5,000.00	\$0.00
Dispatch Service Charge	360,680	0.0002	\$72.14				360,680	0.0002	\$72.14	\$0.00				360,680	0.0002	\$ 72.14	\$0.00
Commodity Charge	360,680	0.006023	\$2,172.38				360,680	0.006023	\$2,172.38	\$0.00				360,680	0.006023	\$ 2,172.38	\$0.00
Total Rate Schedule: CNGWA902			\$7,244.51						\$7,244.51	\$0.00							
Rate Schedule: CNGWA903																	
Dispatch Service Charge	12	500	\$6,000.00				12	500	\$6,000.00	\$0.00				12	500	\$ 6,000.00	\$0.00
Contract Demand Charge (Jan. - Aug.)	2,590,000	0.0382022	\$98,943.70											16,009,795	0.0002	\$ 3,201.96	\$0.00
Contract Demand Charge (Sept. forward)	1,850,000	0.0383741	\$70,992.09				4,440,000	0.0383741	\$170,381.00	\$445.22				4,440,000	0.0383741	\$ 170,381.00	\$0.00
Dispatch Delivery Charge	16,009,795	0.0002	\$3,201.96				16,009,795	0.0002	\$3,201.96	\$0.00				16,009,795	0.0141984	\$ 227,313.47	\$0.00
Commodity Charge (Jan. - Aug.)	3,527,808	0.0141348	\$49,864.86														
Commodity Charge (Sept. forward)	12,481,987	0.0141984	\$177,224.24														
All Therms	16,009,795		\$227,089.10				16,009,795	0.0141984	\$227,313.47	\$224.37							
Total Rate Schedule: CNGWA903			\$406,226.85						\$406,896.44	\$669.59							
Rate Schedule: CNGWA906																	
Dispatch Service Charge	12	500	\$6,000.00				12	500	\$6,000.00	\$0.00				12	500	\$ 6,000.00	\$0.00
Dispatch Delivery Charge	31,762,406	0.0002	\$6,352.48				31,762,406	0.0002	\$6,352.48	\$0.00							

Test Year Billing (January 1, 2016 Through December 31, 2016)				Deleting schedules to combine with other			Current Rates (11/1/2016) Test year customers and weather normalized volumes			CRM				Proposed Rates (Test year customers and weather normalized volumes 12/31/2016)			
Rate Description	Billing Determinants (Therms/Bills)	Rate	Test Year Revenue (Margin)	Billing Determinants (Therms/Bills)	Rate	Remove/Add	Billing Determinants (Therms/Bill)	Rate	Margin	2017 Revenue Adjustment	Billing Determinants (Therms/Bill)	Rate	CRM	Billing Determinants (Therms/Bill)	Rate	Margin	Proposed Margin
(A)	(B)	(C)	(D) (B*C)	(E)	(F)	(G) (E*F)	(H)	(I)	(J)	(K) (J-D-G)	(L)	(M)	(N) (L*M)	(O)	(P)	(Q)	(R) (O*P)
Contract Demand Charge (Jan. - Jul.)	700,000	0.1284983	\$89,948.81											1,200,000	0.1290765	\$ 154,891.80	\$0.00
Contract Demand Charge (Aug. - Dec.)	500,000	0.1290765	\$64,538.25				1,200,000	0.1290765	\$154,891.80	\$404.74				31,762,406	0.0002	\$ 6,352.48	\$0.00
Commodity Charge First 100,000 therms per day (Jan. - Jul.)	18,007,332	0.0141348	\$254,530.04											30,562,571	0.0141984	\$ 433,939.61	\$0.00
Commodity Charge Over 100,000 therms per day (Jan. - Jul.)	954,416	0.0183617	\$17,524.70											1,199,835	0.0184443	\$ 22,130.12	\$0.00
Commodity Charge First 100,000 therms per day (Aug. - Dec.)	12,555,239	0.0141984	\$178,264.31				30,562,571	0.0141984	\$433,939.61	\$1,145.27							
Commodity Charge Over 100,000 therms per day (Aug. - Dec.)	245,419	0.0184443	\$4,526.58				1,199,835	0.0184443	\$22,130.12	\$78.83							
All Therms	31,762,406		\$454,845.62				31,762,406		\$456,069.72	\$1,224.10							
Total Rate Schedule: CNGWA906			\$621,685.16						\$623,314.01	\$1,628.84							
Rate Schedule: CNGWA907																	
Dispatch Service Charge	12	500	\$6,000.00				12	500	\$6,000.00	\$0.00				12	500	\$ 6,000.00	\$0.00
Contract Demand Charge	4,320,000	0.1725	\$745,200.00				4,320,000	0.1725	\$745,200.00	\$0.00				4,320,000	0.1725	\$ 745,200.00	\$0.00
Total Rate Schedule: CNGWA907			\$751,200.00						\$751,200.00	\$0.00							
Rate Schedule: CNGWA908																	
Dispatch Service Charge	12	500	\$6,000.00				12	500	\$6,000.00	\$0.00				12	500	\$ 6,000.00	\$0.00
Dispatch Service Charge	7,333,192	0.0002	\$1,466.64				7,333,192	0.0002	\$1,466.64	\$0.00				7,333,192	0.0002	\$ 1,466.64	\$0.00
Commodity Charge First 22 Million/Year - Westcoast Receipt	7,333,192	0.01	\$73,331.92				7,333,192	0.01	\$73,331.92	\$0.00				7,333,192	0.01	\$ 73,331.92	\$0.00
Contract Charge			\$96,861.66						\$96,861.66	\$0.00							
Total Rate Schedule: CNGWA908			\$177,660.22						\$177,660.22	\$0.00							
Rate Schedule: CNGWA909																	
Dispatch Service Charge	12	500	\$6,000.00				12	500	\$6,000.00	\$0.00				12	500	\$ 6,000.00	\$0.00
Contract Demand Charge	1,620,000	0.0148148	\$23,999.98				1,620,000	0.0148148	\$23,999.98	\$0.00				1,620,000	0.0148148	\$ 23,999.98	\$0.00
Dispatch Delivery Charge	29,908,034	0.0002	\$5,981.61				29,908,034	0.0002	\$5,981.61	\$0.00				29,908,034	0.0002	\$ 5,981.61	\$0.00
Commodity Charge (Jan. - Oct.)	24,655,129	0.0156388	\$385,576.63											29,908,034	0.0150445	\$ 449,951.42	\$0.00
Commodity Charge (Nov. - Dec.)	5,252,905	0.0150445	\$79,027.33														
All Therms	29,908,034		\$464,603.96				29,908,034	0.0150445	\$449,951.42	-\$14,652.54							
Total Rate Schedule: CNGWA909			\$500,585.54						\$485,933.00	(\$14,652.54)							
Rate Schedule: CNGWA910																	
Dispatch Service Charge	12	500	\$6,000.00				12	500	\$6,000.00	\$0.00				12	500	\$ 6,000.00	\$0.00
Contract Demand Charge	444,000	0.0608108	\$27,000.00				444,000	0.0608108	\$27,000.00	\$0.00				444,000	0.0608108	\$ 27,000.00	\$0.00
Dispatch Delivery Charge	7,798,740	0.0002	\$1,559.75				7,798,740	0.0002	\$1,559.75	\$0.00				7,798,740	0.0002	\$ 1,559.75	\$0.00
Commodity Charge (Jan. - Oct.)	6,128,340	0.0109776	\$67,274.47											7,798,740	0.0110874	\$ 86,467.75	\$0.00
Commodity Charge (Nov. - Dec.)	1,670,400	0.0110874	\$18,520.39														
All Therms	7,798,740		\$85,794.86				7,798,740	0.0110874	\$86,467.75	\$672.89							
Total Rate Schedule: CNGWA910			\$120,354.60						\$121,027.49	\$672.89							
Rate Schedule: CNGWA911																	
Dispatch Service Charge	12	500	\$6,000.00				12	500	\$6,000.00	\$0.00				12	500	\$ 6,000.00	\$0.00
Contract Demand Charge	312,000	0.1519231	\$47,400.01				312,000	0.1519231	\$47,400.01	\$0.00				312,000	0.1519231	\$ 47,400.01	\$0.00
Dispatch Delivery Charge	5,023,084	0.0002	\$1,004.62				5,023,084	0.0002	\$1,004.62	\$0.00				5,023,084	0.0002	\$ 1,004.62	\$0.00
Commodity Charge (Jan. - Oct.)	4,216,181	0.0167856	\$70,771.13											5,023,084	0.0169535	\$ 85,158.85	\$0.00
Commodity Charge (Nov. - Dec.)	806,903	0.0169535	\$13,679.83														
All Therms	5,023,084		\$84,450.96				5,023,084	0.0169535	\$85,158.85	\$707.90							
Total Rate Schedule: CNGWA911			\$138,855.58						\$139,563.48	\$707.90							
Rate Schedule: CNGWA914																	
Dispatch Service Charge	12	500	\$6,000.00				12	500	\$6,000.00	\$0.00				12	500	\$ 6,000.00	\$0.00
Contract Demand Charge	804,000	0.1003731	\$80,699.97				804,000	0.1003731	\$80,699.97	\$0.00				804,000	0.1003731	\$ 80,699.97	\$0.00
Dispatch Delivery Charge	13,270,633	0.0002	\$2,654.13				13,270,633	0.0002	\$2,654.13	\$0.00				13,270,633	0.0002	\$ 2,654.13	\$0.00
Commodity Charge (Jan. - Oct.)	10,992,621	0.010267	\$112,861.24											13,270,633	0.0103697	\$ 137,612.48	\$0.00
Commodity Charge (Nov. - Dec.)	2,278,012	0.0103697	\$23,622.30														
All Therms	13,270,633		\$136,483.54				13,270,633	0.0103697	\$137,612.48	\$1,128.94							
Total Rate Schedule: CNGWA914			\$225,837.64						\$226,966.58	\$1,128.94							
Rate Schedule: CNGWA915																	
Dispatch Service Charge	7	500	\$3,500.00				7	500	\$3,500.00	\$0.00				7	500	\$ 3,500.00	\$0.00
Contract Demand Charge	98,000	0.1535714	\$15,050.00				98,000	0.1535714	\$15,050.00	\$0.00				98,000	0.1535714	\$ 15,050.00	\$0.00
Dispatch Delivery Charge	2,838,426	0.0002	\$567.69				2,838,426	0.0002	\$567.69	\$0.00				2,838,426	0.0002	\$ 567.69	\$0.00
Commodity Charge	2,838,426	0.010267	\$29,142.12				2,838,426	0.0102670	\$29,142.12	\$0.00				2,838,426	0.010267	\$ 29,142.12	\$0.00

Test Year Billing (January 1, 2016 Through December 31, 2016)				Deleting schedules to combine with other			Current Rates (11/1/2016) Test year customers and weather normalized volumes			CRM			Proposed Rates (Test year customers and weather normalized volumes 12/31/2016)				
Rate Description	Billing Determinants (Therms/Bills)	Rate	Test Year Revenue (Margin)	Billing Determinants (Therms/Bills)	Rate	Remove/Add	Billing Determinants (Therms/Bill)	Rate	Margin	2017 Revenue Adjustment	Billing Determinants (Therms/Bill)	Rate	CRM	Billing Determinants (Therms/Bill)	Rate	Margin	Proposed Margin
(A)	(B)	(C)	(D) (B*C)	(E)	(F)	(G) (E*F)	(H)	(I)	(J)	(K) (J-D-G)	(L)	(M)	(N) (L*M)	(O)	(P)	(Q)	(R) (O*P)
Total Rate Schedule: CNGWA915			\$48,259.80						\$48,259.80	\$0.00							
Rate Schedule: CNGWA916																	
Basic Service Charge	12	500	\$6,000.00				12	500	\$6,000.00	\$0.00				12	500	\$ 6,000.00	\$0.00
Contract Demand Charge (Jan. - Sept.)	2,700,000	0.15	\$405,000.00											3,600,000	0.2	\$ 720,000.00	\$0.00
Contract Demand Charge (Oct. forward)	900,000	0.2	\$180,000.00				3,600,000	0.2	\$720,000.00	\$135,000.00							
Dispatch Service Charge (Jan. - Sept.)	75,677,677	0.0002	\$15,135.54											87,609,377	0.0004	\$ 35,043.75	\$0.00
System Balancing Charge (Oct. forward)	11,931,700	0.0004	\$4,772.68				87,609,377	0.0004	\$35,043.75	\$15,135.54							
Delivery Charge First 100,000 Therms (Jan. - Sept.)	900,000	\$0.05429	\$48,861.00											1,200,000	0.0573	\$ 68,760.00	\$0.00
Delivery Charge Next 200,000 Therms (Jan. - Sept.)	1,800,000	\$0.01879	\$33,822.00											2,330,920	0.02023	\$ 47,154.51	\$0.00
Delivery Charge Next 200,000 Therms (Jan. - Sept.)	1,800,000	\$0.01079	\$19,422.00											2,200,000	0.01187	\$ 26,114.00	\$0.00
Delivery Charge > 500,000 Therms (Jan. - Sept.)	71,177,677	\$0.00429	\$147,502.26											81,878,457	0.00508	\$ 415,942.56	\$0.00
Delivery Charge First 100,000 Therms (Oct. forward)	300,000	\$0.05730	\$17,190.00				1,200,000	\$0.05730	\$68,760.00	\$2,709.00							
Delivery Charge Next 200,000 Therms (Oct. forward)	530,920	\$0.02023	\$10,740.51				2,330,920	\$0.02023	\$47,154.51	\$2,592.00							
Delivery Charge Next 200,000 Therms (Oct. forward)	400,000	\$0.01187	\$4,748.00				2,200,000	\$0.01187	\$26,114.00	\$1,944.00							
Delivery Charge > 500,000 Therms (Oct. forward)	10,700,780	\$0.00508	\$212,209.94				81,878,457	\$0.00508	\$415,942.56	\$56,230.36							
All Therms	87,609,377		\$494,495.71				87,609,377		\$557,971.07	\$63,475.36							
Total Rate Schedule: CNGWA916			\$1,105,403.93						\$1,319,014.82	\$213,610.90							
Total Change																	\$5,946,112.06
Total Margin Rate Revenue	932,694,745		\$81,992,995.70	-		(3,144)	953,112,274		\$90,901,255.24	\$8,908,259.54			\$1,951,557.44				

932,694,745
 Total on Therms 2016

Less Weather Norm Adj \$8,908,259.54
 Annual CRM Rev -\$5,420,395.65 0
 Less Booked CRM Rev \$1,951,557.44
 Revenue Adjustment -\$264,059.74
 \$5,175,361.59

gas costs \$112,289,916.10

20,417,529 therms difference
 20,352,744 WNA therms
 -64,785
 -64,785 therms adjustments