

UG 17 _____

RJA WP - 2.0

Index

Twelve Months Ended December 31, 2016

<u>No.</u>	<u>Description</u>	
1	Index	RJA WP - 2.0
2	Summary of Allocators	RJA WP - 2.1
3	Operating Revenue	RJA WP - 2.2
4	Intangible Plant	RJA WP - 2.3
5	Special Contract Customers - Direct Plant Allocation	RJA WP - 2.4
6	Customer Deposits	RJA WP - 2.5
7	Gas Supply Costs	RJA WP - 2.6
8	Labor Report	RJA WP - 2.7
9	Actual Therms	RJA WP - 2.8
10	WA Billable Service Count	RJA WP - 2.9
11	Aged Receivables by Customer Class	RJA WP - 2.10
12	Meters and Regulators	RJA WP - 2.11
13	Service Allocation	RJA WP - 2.12
14	Design Day	RJA WP - 2.13
15	Meter Reading Expense	RJA WP - 2.14
16	FERC Account 903 Allocation	RJA WP - 2.15
17	Mains Allocators	RJA WP - 2.16
18	Large Customer Mains	RJA WP - 2.17
19	Industrial M&R Equipment	RJA WP - 2.18
20	Write Offs	RJA WP - 2.19
21	Main Refunding Contracts	RJA WP - 2.20

Summary of Allocators

Twelve Months Ended December 31, 2016

No.	Allocator Name	TOTAL	1	2	3	4	5	6	7
			Res 502, 503	GSC 504,512	GSI 505	GSLV 511	Interruptible 570, 577	Transport 663	Spl Contracts
1	ALLOCATOR VALUES								
2	Cust_Avg	207,868	181,657	25,461	451	87	10	192	11
3	SmCust_Avg	207,118	181,657	25,461					
4	LGCust	213					10	192	11
5	Thruput	953,112,274	120,189,407	81,344,242	11,417,671	11,107,096	3,848,935	438,603,935	286,600,988
6	Thruput_ST>6"	666,511,286	120,189,407	81,344,242	11,417,671	11,107,096	3,848,935	438,603,935	0
7	Thruput_ST>4-6"	508,809,996	120,189,407	81,344,242	11,417,671	11,107,096	3,848,935	280,902,644	0
8	Thruput_ST2-4"	462,643,327	120,189,407	81,344,242	11,417,671	11,107,096	2,190,147	236,394,764	0
9	Thruput_ST<=2"	330,559,426	120,189,407	81,344,242	11,417,671	11,107,096	870,861	105,630,149	0
10	Thruput_PL6"	275,090,766	120,189,407	81,344,242	11,417,671	11,107,096	559,283	50,473,066	0
11	Thruput_PL4"	274,498,682	120,189,407	81,344,242	11,417,671	11,107,096	559,283	49,880,983	0
12	Thruput_PL<=2"	264,775,161	120,189,407	81,344,242	11,417,671	11,107,096	559,283	40,157,461	0
13	Mains-Direct	1							1
14	DesignDay	5,231,034	1,405,192	915,538	113,558	78,709	20,798	1,493,270	1,203,970
15	DesignDay_ST>6"	4,027,064	1,405,192	915,538	113,558	78,709	20,798	1,493,270	0
16	DesignDay_ST>4-6"	3,446,820	1,405,192	915,538	113,558	78,709	20,798	913,026	0
17	DesignDay_ST2-4"	3,337,524	1,405,192	915,538	113,558	78,709	10,961	813,566	0
18	DesignDay_ST<=2"	2,843,115	1,405,192	915,538	113,558	78,709	4,723	325,396	0
19	DesignDay_PL6"	2,734,900	1,405,192	915,538	113,558	78,709	1,094	220,809	0
20	DesignDay_PL4"	2,720,998	1,405,192	915,538	113,558	78,709	1,094	206,907	0
21	DesignDay_PL<=2"	2,677,764	1,405,192	915,538	113,558	78,709	1,094	163,673	0
22	Revenues	216,282,179	109,247,922	66,969,194	7,820,970	7,152,646	2,087,539	16,899,197	6,104,710
23	Sales_Rev	193,278,272	109,247,922	66,969,194	7,820,970	7,152,646	2,087,539		
24	Transport_Rev	23,003,907						16,899,197	6,104,710
25	Sales	207,489,822	106,836,539	75,664,947	10,823,803	10,315,598	3,848,935		
26	Sales_Firm	203,640,887	106,836,539	75,664,947	10,823,803	10,315,598			
27	Winter5	109,757,818	52,728,282	32,040,716	2,794,243	3,237,761	826,792	16,212,179	1,917,845
28	WinterSales	452,648,204	75,273,389	50,217,479	6,139,893	6,186,860	2,086,018	192,208,744	120,535,821
29	Regulator	257,152,773	213,657,598	42,874,819	614,618	5,080	181	377	102
30	Coll_EndActivity	5,802	5,669	130	0	4			
31	Coll_Dollars	1,481,566	1,093,657	259,636	76,652	51,622			
32	Coll_Activity	25,098	23,830	1,195	67	6			
33	Write-offs	7,463,044	6,335,220	998,898	7,907	121,018			
34	CUST-902	415,333	345,159	48,377	13,089	2,522	290	5,571	324
35	CUST-903	100.00%	79.93%	13.74%	0.67%	0.48%	0.14%	3.24%	1.80%
36	Meter_Invest_1	42,928,053	30,606,862	10,164,612	706,227	380,989	53,807	996,882	18,675

Summary of Allocators

Twelve Months Ended December 31, 2016

No.	Allocator Name	TOTAL	1	2	3	4	5	6	7
			Res 502, 503	GSC 504,512	GSI 505	GSLV 511	Interruptible 570, 577	Transport 663	Spl Contracts
37	Meter Install	41,516,734	38,178,556	3,320,718	8,497	1,146	23	7,784	10
38	Service_Invest	425,965,365	340,088,746	75,406,713	2,158,521	17,044	753,577	7,540,764	0
39	Cust_Deposit	8,102,714	5,228,578	2,873,107	1,029	-	-	-	
40	Gas_Revenue	112,289,916	59,576,687	40,105,965	5,479,683	5,330,629	1,796,952	0	0
41	Margin	92,897,542	45,209,617	23,571,672	2,065,869	1,562,706	214,145	14,461,764	5,811,768
42	OtherRevenue	2,618,628	279,746	58,948	14,946	8,719	4,794	1,983,885	267,590
43	RevenueTaxes	11,094,720	4,461,618	3,291,557	275,417	259,312	76,442	2,437,433	292,942
44	Acct-813_D	137,900	48,907	34,637	4,955	4,722	1,762	23,760	19,157
45	Acct-813_E	262,166	84,131	56,940	7,992	7,775	2,694	62,073	40,561
46	Acct-871	245,727	84,893	57,455	8,065	7,845	2,719	51,257	33,494
47	M&R Equipment	4,000,791	21,525	1,532,401	297,808	90,198	5,898	1,150,376	902,584
48	AdvConstruction	3,360,507	281,213	218,552	197,492			2,663,250	
49	Misc_charges_taxes	11,094,720	4,461,618	3,291,557	275,417	259,312	76,442	2,437,433	292,942
50 FUNCTIONAL ALLOCATOR VALUES									
		<u>Total</u>	<u>Supply</u>	<u>Storage</u>	<u>Transmission</u>	<u>Distribution</u>			
51	CWIP	0							
52	GCR_Revenue	0							
53	Rev_Adjust	0							
54 CLASSIFICATION ALLOCATOR VALUES									
		<u>Total</u>	<u>DEMAND</u>	<u>ENERGY</u>	<u>CUSTOMER</u>				
55	Mod_Peak_Avg	100%	50%	50%					
56	ACCT-813	100%	21%	79%					

Cascade Natural Gas Corporation
 UG 17 _____
 RJAWP - 2.2
 Operating Revenue
 Twelve Months Ended December 31, 2016

No.	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Year End Total
127													
128 Rate Schedule: CNGWA512													
129 Basic Service Charge	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	\$168.00
130 Margin	745.29	853.42	910.98	768.99	840.51	938.70	791.84	860.41	909.94	799.66	798.16	851.21	\$10,069.11
131 Average Cost of Gas	1,952.00	2,235.21	2,385.96	2,014.07	2,201.40	2,458.56	2,073.93	2,253.50	2,178.82	1,737.78	1,739.18	1,863.76	\$25,094.17
132 WA Energy Assistance Fund Program									6.27	10.95	10.92	11.65	\$39.79
133 WA Replacement Pipe Cost Recovery											6.00	17.91	\$23.91
134 City Tax Tier 1	162.68	186.16	198.66	167.82	183.35	204.68	172.79	187.67	186.17	153.09	153.44	164.81	\$2,121.32
135 Total	2,873.97	3,288.79	3,509.60	2,964.88	3,239.26	3,615.94	3,052.56	3,315.58	3,295.20	2,715.48	2,721.70	2,923.34	\$37,516.30
136 Deferrals	-36.17	-41.42	-44.21	-37.32	-40.79	-45.56	-38.43	-41.76	-43.84	-38.24	-42.64	-54.06	(\$504.44)
137 CAP								41.67	96.98	96.98	-69.48	-37.47	\$31.70
138 Rate CNGWA512	2,837.80	3,247.37	3,465.39	2,927.56	3,198.47	3,570.38	3,014.13	3,273.82	3,293.03	2,774.22	2,609.58	2,831.81	\$37,043.56
139													
140													
141 Rate Schedule: CNGW05LV													
142 Basic Service Charge	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	48.00	48.00	48.00	\$360.00
143 Margin First 500 Therms	53.90	85.21	67.77	50.73	47.16	44.19	77.68	0.00	93.73	76.69	0.00	7.91	\$604.97
144 Margin Next 3,500 Therms								0.00					\$0.00
145 WA Energy Assistance Fund Program										0.96		0.10	\$1.06
146 WA Replacement Pipe Cost Recovery												0.19	\$0.19
147 Average Cost of Gas	146.85	232.15	184.64	138.21	128.49	120.40	211.64	0.00	255.37	184.64	0.00	19.20	\$1,621.59
148 Total	224.75	341.36	276.41	212.94	199.65	188.59	313.32	24.00	373.10	310.29	48.00	75.40	\$2,587.81
149 Deferrals	-4.42	-3.51	-2.63	-2.44	-2.29	-4.03	-4.86	-4.18	-4.18	-0.57	-0.57	-4.12	(\$33.05)
150 CAP								142.82	481.47	322.37	442.34	442.34	\$1,389.00
151 Previous Month CA1501A -	-224.75	-341.36	-276.41	-212.94	-199.65	-188.59	-313.32	-24.00	-373.10	-309.33	-48.00	-75.30	(\$2,586.75)
152 Current Month CA1501A +	341.36	276.41	212.94	199.65	188.59	313.32	24.00	373.10	309.33	48.00	75.30	244.35	\$2,606.35
153 Rate CNGW05LV	336.94	272.90	210.31	197.21	186.30	309.29	24.00	368.24	447.97	530.43	397.10	682.67	\$3,963.36
154													
155													
156 Rate Schedule: CNGWA570 Small Ind.													
157 Basic Service Charge	352.00	352.00	352.00	352.00	352.00	352.00	352.00	352.00	352.00	1,040.00	1,040.00	1,040.00	\$6,288.00
158 Margin First 30,000 Therms	13,066.95	13,310.03	12,517.46	12,461.58	10,972.90	9,766.29	8,300.19	11,470.72	8,691.15	11,237.47	12,255.16	11,677.36	\$135,727.26
159 Margin > 30,000 Therms	7,336.95	7,316.03	5,534.24	5,517.46	3,436.91	2,644.55	2,057.60	1,981.98	1,604.98	1,947.20	3,737.83	4,953.28	\$48,069.01
160 Average Cost of Gas	245,183.53	246,227.36	201,483.34	200,761.18	145,013.96	119,806.67	97,576.84	115,596.16	89,892.72	98,252.47	138,747.59	160,719.92	\$1,859,261.74
161 WA Energy Assistance Fund Program										158.33	252.58	256.93	\$638.84
162 WA Replacement Pipe Cost Recovery												470.45	\$470.45
163 City Tax Tier 1	9,636.55	9,803.06	7,603.94	7,330.76	5,021.75	4,232.56	3,543.02	3,420.65	3,228.92	3,119.71	4,926.81	6,042.06	\$67,909.79
164 Indian Nation Tribal Charge	1.32	1.32	1.32	1.32	1.32	1.32	1.32	636.27	1.32	384.43	194.43	3.90	\$1,229.59
165 Adjustments	3,603.99												\$3,603.99
166 Total	279,181.29	277,009.80	227,492.30	226,424.30	164,798.84	136,803.39	111,830.97	133,457.78	103,771.09	116,139.61	161,125.40	185,163.90	\$2,123,198.67
167 Previous Month CA1501A -	-277,995.28	-277,009.80	-227,492.30	-226,424.30	-164,798.84	-136,803.39	-111,830.97	-133,457.78	-103,771.09	-115,981.28	-160,901.82	-184,906.97	(\$2,121,373.82)
168 Current Month CA1501A +	277,009.80	277,492.30	226,424.30	164,798.84	136,803.39	111,830.97	133,457.78	103,771.09	115,981.28	160,901.82	184,906.97	269,605.07	\$2,112,983.61
169 CAP									-2,650.33	-2,947.02	-2,724.33	-4,349.84	(\$12,671.52)
170 Deferrals	-4,831.12	-3,936.97	-3,922.86	-2,833.56	-2,341.02	-1,906.65	-2,258.74	-1,756.50	-2,290.18	-3,234.08	-4,936.10	-7,266.08	(\$41,513.86)
171 Rate CNGWA570	273,364.69	223,555.33	222,501.44	161,965.28	134,462.37	109,924.32	131,199.04	102,014.59	111,040.77	154,879.05	177,470.12	258,246.08	\$2,060,623.08
172													
173													
174 Rate Schedule: CNGWA577 Small Ind.													
175 Basic Service Charge	132.00	88.00	88.00	88.00	88.00	88.00	88.00	88.00	88.00	260.00	260.00	260.00	\$1,616.00
176 Margin First 4,000 Therms	905.12	905.12	905.12	905.12	905.12	870.73	841.65	838.03	822.75	791.83	832.08	832.08	\$10,354.75
177 Margin > 4,000 Therms	1,200.07	1,246.39	909.30	860.03	358.54	332.85	186.41	143.12	113.74	201.69	524.92	697.64	\$6,774.70
178 Average Cost of Gas	11,053.15	11,317.53	9,393.87	9,112.68	6,250.84	5,944.42	4,973.65	4,709.82	4,471.19	4,406.44	6,263.13	7,221.39	\$85,118.11
179 WA Energy Assistance Fund Program										14.60	20.76	23.74	\$59.10
180 WA Replacement Pipe Cost Recovery												21.14	\$21.14
181 City Tax Tier 1	362.64	360.00	360.00	360.00	284.64	264.29	254.44	253.21	248.04	245.86	271.83	323.03	\$3,587.98
182 City Tax Tier 2	39.26	45.77	17.03	8.09			0.00	0.00	0.00				\$110.15
183 Total	13,692.24	13,962.81	11,673.32	11,333.92	7,887.14	7,500.29	6,344.15	6,032.18	5,743.72	5,920.42	8,172.72	9,379.02	\$107,641.93
184 Previous Month CA1501A -	-13,692.24	-13,962.81	-11,673.32	-11,333.92	-7,887.14	-7,500.29	-6,344.15	-6,032.18	-5,743.72	-5,905.82	-8,151.96	-9,355.28	(\$107,582.83)
185 Current Month CA1501A +	13,962.81	11,673.32	11,333.92	7,887.14	7,500.29	6,344.15	6,032.18	5,743.72	5,905.82	8,151.96	9,355.28	13,622.00	\$107,512.59
186 CAP									93.44	-111.04	-22.90	-127.24	(\$167.74)
187 Deferral	-221.14	-183.56	-178.06	-122.14	-116.15	-97.19	-92.03	-87.37	-102.71	-145.99	-221.79	-329.45	(\$1,897.58)
188 Rate CNGWA577	13,741.67	11,489.76	11,155.86	7,765.00	7,384.14	6,246.96	5,940.15	5,656.35	5,896.55	7,909.53	9,131.35	13,189.05	\$105,506.37
189													
190													
191													
192 Rate Schedule: CNGW6631													
193 Basic Service Charge	91,000.00	91,000.00	90,500.00	91,000.00	91,000.00	92,000.00	92,500.00	92,500.00	89,000.00	98,000.00	93,500.00	93,000.00	\$1,105,000.00

Cascade Natural Gas Corporation
 UG 17 _____
 RJA WP - 2.2
 Operating Revenue
 Twelve Months Ended December 31, 2016

No.	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Year End Total
419 Dispatch Service Charge	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	\$6,000.00
420 Dispatch Service Charge	23.82	105.46	86.35	98.34	163.98	56.34	95.18	155.99	345.87	156.09	62.70	116.52	\$1,466.64
421 Commodity Charge First 22 Million/Year - V	1,191.11	5,272.89	4,317.29	4,916.90	8,199.02	2,817.08	4,758.86	7,799.65	17,293.58	7,804.50	3,135.24	5,825.80	\$73,331.92
422 Contract Charge	12,708.89	8,627.11	9,582.71	8,983.10	5,700.98	11,082.92	9,141.14	6,100.35	0.00	6,095.50	10,764.76	8,074.20	\$96,861.66
423 Gross Revenue Fee	654.12	657.82	656.96	657.50	660.48	655.60	657.36	660.11	822.62	650.51	646.34	648.74	\$8,028.16
424 Adjustment Dollars													\$0.00
425 Total	15,077.94	15,163.28	15,143.31	15,155.84	15,224.46	15,111.94	15,152.54	15,216.10	18,962.07	15,206.60	15,109.04	15,165.26	\$185,688.38
426 Previous Month CA1501A -	-15,077.94	-15,163.28	-15,143.31	-15,155.84	-15,224.46	-15,111.94	-15,152.54	-15,216.10	-18,962.07	-15,206.60	-15,109.04	-15,165.26	(\$185,688.38)
427 Current Month CA1501A +	15,163.28	15,143.31	15,155.84	15,224.46	15,111.94	15,152.54	15,216.10	18,962.07	15,206.60	15,109.04	15,165.26	15,244.61	\$185,855.05
428 Rate CNGWA908	15,163.28	15,143.31	15,155.84	15,224.46	15,111.94	15,152.54	15,216.10	18,962.07	15,206.60	15,109.04	15,165.26	15,244.61	\$185,855.05
429													
430													
431 Rate Schedule: CNGWA916													
432 Basic Service Charge	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	\$6,000.00
433 Contract Demand Charge	45,000.00	45,000.00	45,000.00	45,000.00	45,000.00	45,000.00	45,000.00	45,000.00	45,000.00	60,000.00	60,000.00	60,000.00	\$585,000.00
434 Assignment per 3rd Party Agreement	20,872.50	20,872.50	20,872.50	20,872.50	20,872.50	20,872.50	20,872.50	20,872.50	20,872.50	20,872.50	20,872.50	20,872.50	\$250,470.00
435 System Balancing Charge	2,408.45	2,362.79	1,841.54	439.31	324.47	1,476.82	1,692.60	2,140.67	2,448.89	3,921.26	759.05	92.37	\$19,908.22
436 Delivery Charge First 100,000 Therms	5,429.00	5,429.00	5,429.00	5,429.00	5,429.00	5,429.00	5,429.00	5,429.00	5,429.00	5,730.00	5,730.00	5,730.00	\$66,051.00
437 Delivery Charge Next 200,000 Therms	3,758.00	3,758.00	3,758.00	3,758.00	3,758.00	3,758.00	3,758.00	3,758.00	3,758.00	4,046.00	4,046.00	2,648.51	\$44,562.51
438 Delivery Charge Next 200,000 Therms	2,158.00	2,158.00	2,158.00	2,158.00	2,158.00	2,158.00	2,158.00	2,158.00	2,158.00	2,374.00	2,374.00	0.00	\$24,170.00
439 Delivery Charge > 500,000 Therms	49,516.29	48,536.87	37,356.03	7,278.21	4,814.86	29,532.73	34,161.18	43,772.34	50,383.72	47,260.03	7,099.94	0.00	\$359,712.20
440 WA Energy Assistance Fund Program										4,313.39	834.96	101.60	\$5,249.95
441 WA Replacement Pipe Cost Recovery												247.08	\$247.08
442 Gross Revenue Fee	5,879.28	5,832.79	5,302.10	3,874.48	3,757.56	4,930.77	5,150.46	5,606.64	5,920.45	6,466.81	4,530.74	4,026.14	\$61,278.22
443 City Tax Applicable to Identified Bus for Tax	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	\$720.00
444 Adjustment Dollars				-0.88		-0.88	-4.35						(\$6.11)
445 Total	135,581.52	134,509.95	122,277.17	89,368.62	86,674.39	113,716.94	118,777.39	129,297.15	136,530.56	155,543.99	106,807.19	94,278.20	\$1,423,363.07
446 Previous Month CA1501A -	-135,581.52	-134,509.95	-122,277.17	-89,369.50	-86,674.39	-113,717.82	-118,781.74	-129,297.15	-136,530.56	-151,230.80	-105,972.23	-94,176.60	(\$1,418,119.23)
447 Current Month CA1501A +	134,509.95	122,277.17	89,369.50	86,674.39	113,717.82	118,781.74	129,297.15	136,530.56	151,230.60	105,972.23	94,176.60	120,689.48	\$1,403,227.19
448 Rate CNGWA916	134,509.95	122,277.17	89,369.50	86,673.51	113,717.82	118,780.86	129,292.80	136,530.56	151,230.60	110,285.62	95,011.56	120,791.08	\$1,408,471.03
449													\$204,402,306.54
450													\$204,402,306.54
451 Total	33,817,337.20	23,021,479.83	21,695,401.05	12,637,437.96	9,417,571.63	8,642,483.14	8,326,255.04	7,877,467.29	9,276,125.91	14,476,183.42	20,660,173.29	34,554,390.78	\$204,402,306.54
452 Rate Volume Proof	33,817,337.19	23,021,479.83	21,695,401.05	12,637,437.96	9,417,571.64	8,642,483.13	8,326,255.05	7,877,467.29	9,276,125.91	14,476,183.42	20,660,173.29	34,554,390.78	
453 Miscellaneous Service Revenues	76,873.51	94,786.57	85,347.50	84,725.73	72,781.64	70,796.17	39,031.96	53,827.20	50,335.78	58,977.65	52,594.04	70,105.27	\$810,183.02
454 Other Gas Revenue	1,116.93	23,782.57	16,389.33	8,461.65	5,855.61	1,179.50	11,204.19	7,218.08	17,240.82	-19,617.04	5,970.82	14,902.49	\$109,620.85
455 Rent From Gas Property	0.00				100.00								\$100.00
456 Interdepartmental Rents	7,622.59	7,622.59	7,622.59	7,622.59	7,622.59	7,622.59	7,622.59	7,622.59	7,622.59	7,622.59	7,622.59	7,622.59	\$91,471.08
457 Remove WA Energy Assistance Fund Progi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-11,220.41	-60,208.98	-74,803.19	-136,786.69	(\$283,019.27)
458 Total Operating Revenue	33,902,950.22	23,147,671.56	21,804,760.47	12,738,247.93	9,503,931.48	8,737,997.29	8,384,113.79	7,946,135.16	9,340,104.69	14,462,957.64	20,651,557.55	34,510,234.44	\$205,130,662.22
459 Proof Allocation Report	33,902,950.22	23,147,671.56	21,804,760.47	12,738,247.93	9,503,931.48	8,737,997.29	8,384,113.79	7,946,135.16	9,340,104.69	14,462,957.64	20,651,557.55	34,510,234.44	\$205,130,662.23

Cascade Natural Gas Corporation
UG 17
RJA WP - 2.2
Operating Revenue
Twelve Months Ended December 31, 2016

No.

Operating Revenue Summary

Description	Total	503	504	505	511	570	663	900	Total (Sum)	Check
1 Total Adjustments	\$8,908,259.54	\$5,649,103.42	\$1,608,382.76	\$112,133.47	\$34,722.42	\$311.95	\$1,294,587.27	\$209,018.25	\$8,908,259.54	\$0.00
2 Less Weather Norm Adj	(\$5,420,395.65)	(\$3,936,456.90)	(\$1,376,421.90)	(\$86,825.26)	(\$20,691.59)				(\$5,420,395.65)	\$0.00
3 Less CAP Revenue	\$97,956.45	\$104,803.77	(\$131,080.66)	(\$94,470.61)	\$205,864.69	\$12,839.26	\$0.00		\$97,956.45	\$0.00
4 Annual CRM Rev	\$1,996,287.22	\$951,900.10	\$482,371.36	\$51,607.87	\$36,098.06	\$5,003.62	\$469,306.21	\$0.00	\$1,996,287.22	\$0.00
5 Less Booked CRM Rev	(\$264,059.74)	(\$144,224.84)	(\$67,773.79)	(\$6,925.24)	(\$5,249.39)	(\$491.59)	(\$39,147.81)	(\$247.08)	(\$264,059.74)	\$0.00
6 Revenue Adjustment	\$5,318,047.82	\$2,625,125.55	\$515,477.76	(\$24,479.77)	\$250,744.19	\$17,663.24	\$1,724,745.67	\$208,771.17	\$5,318,047.82	\$0.00
8 Description	Total	503	504	505	511	570	663	900	Total (Sum)	Check
9 Basic Service Charge	\$8,893,222.00	\$3,072,158.00	\$166,214.40	\$62,485.60	\$7,904.00	\$1,129,000.00	\$6,000.00	\$0.00	\$13,336,984.00	\$0.00
10 Margin	\$29,715,390.25	\$18,408,760.30	\$1,735,913.75	\$1,429,399.90	\$200,925.72	\$0.00	\$0.00	\$0.00	\$51,490,389.92	\$0.00
11 Average Cost of gas	\$57,026,174.99	\$40,295,054.84	\$5,552,110.06	\$5,315,696.90	\$1,944,379.85	\$0.00	\$0.00	\$0.00	\$110,133,416.64	\$0.00
12 City Tax Tier 1	\$4,428,850.96	\$3,273,071.68	\$256,304.89	\$247,802.63	\$71,497.77	\$318,606.90	\$30,128.74	\$0.00	\$8,626,263.57	\$0.00
13 City Tax Tier 2	\$0.00	\$4,713.32	\$5,708.26	\$6,932.74	\$110.15	\$2,618.00	\$0.00	\$0.00	\$20,082.47	\$0.00
14 City Tax Applicable to Identified Bus for Tax. Rev Limits	\$0.00	\$0.00	\$900.00	\$0.00	\$0.00	\$600.00	\$720.00	\$0.00	\$2,220.00	\$0.00
15 City Tax for Cities with Annual Maximum	\$16,955.41	\$65,710.97	\$1,369.74	\$6,781.41	\$0.00	\$12,096.68	\$0.00	\$0.00	\$102,914.21	\$0.00
16 City Tax Applied (City Tax-Maximum)	\$591.34	\$296.07	\$2.23	\$0.00	\$0.00	\$475.87	\$0.00	\$0.00	\$1,365.51	\$0.00
17 Indian Nation Tribal Charge	\$17,691.19	\$32,163.77	\$11,274.28	\$370.35	\$1,229.59	\$7,652.38	\$0.00	\$0.00	\$70,381.56	\$0.00
18 WA Energy Assistance Fund Program	\$137,992.14	\$75,573.16	\$8,162.66	\$6,045.32	\$697.94	\$49,298.10	\$5,249.95	\$0.00	\$283,019.27	\$0.00
19 WA Replacement Pipe Cost Recovery	\$144,224.84	\$67,773.79	\$6,925.24	\$5,249.39	\$491.59	\$39,147.81	\$247.08	\$0.00	\$264,059.74	\$0.00
20 Adjustment Dollars	(\$1,707.92)	(\$77,838.69)	(\$142.02)	\$0.00	\$3,603.99	(\$1,871.84)	\$8,917.33	\$0.00	(\$69,039.15)	\$0.00
21 State Utility Tax Credit	(\$762.98)	(\$6,560.24)	\$0.00	(\$2,575.31)	\$0.00	(\$524.51)	\$0.00	\$0.00	(\$10,423.04)	\$0.00
22 Dispatch Service Charge	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$64,038.78	\$0.00	\$64,038.78	\$0.00
23 Dispatch Delivery Charge	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$38,259.55	\$0.00	\$38,259.55	\$0.00
24 Delivery Charge	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,875,698.29	\$494,495.71	\$0.00	\$8,370,194.00	\$0.00
25 Gross Revenue Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$632,344.71	\$253,175.64	\$0.00	\$885,520.35	\$0.00
26 System Balancing Charge	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$110,128.90	\$19,908.22	\$0.00	\$130,037.12	\$0.00
27 Utilization Discount	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$215,494.44)	\$0.00	\$0.00	(\$215,494.44)	\$0.00
28 Volumetric Firming Charge	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,123.48	\$0.00	\$0.00	\$8,123.48	\$0.00
29 Contract Charge	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$21,000.00	\$96,861.66	\$0.00	\$117,861.66	\$0.00
30 Commodity Charge	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,795,339.83	\$0.00	\$2,795,339.83	\$0.00
31 Facilities Charge	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,445,820.00	\$0.00	\$0.00	\$1,445,820.00	\$0.00
32 Contract Demand Charge	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,553,920.00	\$2,087,846.11	\$0.00	\$5,641,766.11	\$0.00
33 Assignment per 3rd Party Agreement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
34 Compressor Operations	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$35,165.05	\$0.00	\$35,165.05	\$0.00
35 Subtotal	\$203,568,266	\$100,378,622.22	\$65,210,876.97	\$7,744,743.49	\$7,078,188.93	\$2,230,840.60	\$15,023,805.38	\$5,901,188.60	\$203,568,266.19	\$0.00
36 CAP		(\$104,803.77)	\$131,080.66	\$94,470.61	(\$205,864.69)	(\$12,839.26)	\$0.00	\$0.00	(\$97,956.45)	
37 Current Unbilled	\$60,636,874	\$42,731,873	\$0	\$0	\$0	\$0	\$0	\$0	\$103,368,746.65	
38 Previous Month Unbilled	(\$58,720,666)	(\$41,946,786)	\$0	\$0	\$0	\$0	\$0	\$0	(\$100,667,451.79)	
39 Deferrals	(\$1,159,346.83)	(\$816,332.02)	(\$116,435.02)	(\$111,504.31)	(\$43,411.44)	\$20,996.97	\$0.00	\$0.00	(\$2,226,032.65)	
40 Deficiency Billings	\$0.00	\$0.00	\$0.00	\$140,163.61	\$0.00	\$3,861.98	\$0.00	\$0.00	\$144,025.59	
41 Previous Month CA1501A -	\$0	\$0	(\$2,587)	\$0	(\$2,228,957)	(\$14,987,180)	(\$5,886,499)	\$0.00	(\$23,105,222.65)	
42 Current Month CA1501A +	\$0	\$0	\$2,606	\$0	\$2,220,496	\$15,281,648	\$5,913,181	\$0.00	\$23,417,931.65	
43 Total Revenue by Rate	\$204,402,307	\$101,030,679.96	\$65,310,712.13	\$7,722,798.68	\$6,900,983.54	\$2,166,129.45	\$15,343,131.88	\$5,927,870.90	\$204,402,306.54	\$0.00
44 Miscellaneous Service Revenues									\$810,183.02	
45 Other Gas Revenue									\$109,620.85	
46 Rent From Gas Property									\$100.00	
47 Interdepartmental Rents									\$91,471.08	
48 Remove WA Energy Assistance Fund Program		(\$137,992.14)	(\$75,573.16)	(\$8,162.66)	(\$6,045.32)	(\$697.94)	(\$49,298.10)	(\$5,249.95)	(\$283,019.27)	\$0.00
49 Total Operating Revenue	\$204,119,287	\$100,892,687.82	\$65,235,138.97	\$7,714,636.02	\$6,894,938.22	\$2,165,431.51	\$15,293,833.78	\$5,922,620.95	\$205,130,662.22	\$0.00
50 Weather Normalization - margin	\$3,936,456.90	\$1,376,421.90	\$86,825.26	\$20,691.59	\$0.00	\$0.00	\$0.00	\$0.00	\$5,420,395.65	
51 Weather Normalization - gas costs	\$6,618,038	\$2,757,766	\$285,021	\$390,811	\$0.00	\$0.00	\$0.00	\$0.00	\$10,051,636.1	
52 Total Weather Norm	\$10,554,494.89	\$4,134,187.90	\$371,846.08	\$411,502.91	\$0.00	\$0.00	\$0.00	\$0.00	\$15,472,031.76	
53										
54 Restated Gas Cost Revenues	\$59,576,687.16	\$40,105,965.08	\$5,479,682.84	\$5,330,628.58	\$1,796,952.44	\$0.00	\$0.00	\$0.00	\$112,289,916.10	
55 Per Books Average Gas Cost	(\$57,026,174.99)	(\$40,295,054.84)	(\$5,552,110.06)	(\$5,315,696.90)	(\$1,944,379.85)	\$0.00	\$0.00	\$0.00	(\$10,133,416.64)	
56 Weather Normalized Gas Cost	(\$6,618,038)	(\$2,757,766)	(\$285,021)	(\$390,811)	\$0	\$0	\$0	\$0	(\$10,051,636.13)	
57 Net Unbilled and Deferrals	(\$652,057.74)	(\$99,835.16)	\$21,944.81	\$177,205.39	\$64,711.15	(\$319,326.50)	(\$26,682.30)	\$0.00	(\$834,040.35)	
58 Restate Revenue	(\$4,719,583.56)	(\$3,046,690.92)	(\$335,503.24)	(\$198,674.25)	(\$82,716.26)	(\$319,326.50)	(\$26,682.30)	\$0.00	(\$8,729,177.01)	
59 Pro Forma Plant additions									\$199,944.00	
60 Misc Charge Changes									(\$101,645.00)	
61 Revenue Adjustment	\$2,625,125.55	\$515,477.76	(\$24,479.77)	\$250,744.19	\$17,663.24	\$1,724,745.67	\$208,771.17	\$0.00	\$5,318,047.82	
62 Test Year Adjusted Total	\$216,180,190	\$109,352,725	\$66,838,114	\$7,726,499	\$7,358,511	\$2,100,378	\$16,699,253	\$6,104,710	\$217,289,864	

No.

63		Total	503	504	505	511	570	663	900	Total (Sum)	Check
64	Summary										
65	Rate Margin	\$81,992,995.70	\$38,608,612.25	\$21,480,918.30	\$1,902,128.15	\$1,491,885.50	\$208,829.72	\$12,697,870.67	\$5,602,749.86	\$81,992,995.70	\$0.00
66	Taxes	\$8,823,227.32	\$4,464,088.90	\$3,375,955.81	\$275,559.40	\$261,887.13	\$72,837.51	\$342,049.83	\$30,848.74	\$8,823,227.32	\$0.00
67	Gas Costs	\$110,133,416.64	\$57,026,174.99	\$40,295,054.84	\$5,552,110.06	\$5,315,696.90	\$1,944,379.85	\$0.00	\$0.00	\$110,133,416.64	\$0.00
68	Other Revenues	\$2,618,627.78	\$279,746.08	\$58,948.02	\$14,945.88	\$8,719.40	\$4,793.52	\$1,983,884.88	\$267,590.00	\$2,618,627.78	\$0.00
69											\$0.00
70	Adjustments	\$8,908,259.54	\$5,649,103.42	\$1,608,382.76	\$112,133.47	\$34,722.42	\$311.95	\$1,294,587.27	\$209,018.25	\$8,908,259.54	\$0.00
71	Margin (incl. Adjustments)	\$90,901,255.24	\$44,257,715.67	\$23,089,301.06	\$2,014,261.62	\$1,526,607.92	\$209,141.67	\$13,992,457.94	\$5,811,768.11	\$90,901,255.24	\$0.00
72	Adjusted Volumes										
73	Billing Determinants (Weather Normalized Volumes)	\$953,112,274	\$120,189,407	\$81,344,242	\$11,417,671	\$11,107,096	\$3,848,935	\$438,603,935	\$286,600,988	\$953,112,274	\$0.00
74	Therms (Per Books)	\$932,694,745	\$106,836,539	\$75,664,947	\$10,823,803	\$10,315,598	\$3,848,935	\$438,603,935	\$286,600,988	\$932,694,745	\$0.00
75	Revenue Proof Tab (Check)	\$932,694,745	\$106,836,539	\$75,664,947	\$10,823,803	\$10,315,598	\$3,848,935	\$438,603,935	\$286,600,988	\$932,694,745	\$0.00

No.	BUILD PRO FORMA REVENUE								
205	BUILD PRO FORMA REVENUE								
206									
207	Revenue Proof								
208	Pro forma margin revenues from Revenue Proof	\$90,901,255.24	\$44,257,716.76	\$23,089,301.07	\$2,014,261.62	\$1,526,608.01	\$209,141.67	\$13,992,458.00	\$5,811,768.10
209	CRM revenues from Revenue Proof	\$1,996,287.22	\$951,900.10	\$482,371.36	\$51,607.87	\$36,098.06	\$5,003.62	\$469,306.21	\$0.00
210	Gas Cost from Revenue Proof	\$112,289,916.10	\$59,576,687.16	\$40,105,965.08	\$5,479,682.84	\$5,330,628.58	\$1,796,952.44	\$0.00	\$0.00
211		\$205,187,458.56	\$104,786,304.02	\$63,677,637.50	\$7,545,552.33	\$6,893,334.66	\$2,011,097.73	\$14,461,764.21	\$5,811,768.10
212	Other Operating Revenue								
213	Miscellaneous Service Revenues	\$810,183.02							
214	Other Gas Revenue	\$109,620.85							
215	Rent From Gas Property	\$100.00							
216	Interdepartmental Rents	\$91,471.08							
217	Misc Charge Changes	(\$101,645.00)							
218		\$909,729.95							
219									
220	Miscellaneous Charges (ex energy assistance)	\$1,196,451.46	(\$1,707.92)	(\$77,838.69)	(\$142.02)	\$0.00	\$3,603.99	\$1,263,618.77	\$8,917.33
221	Taxes	\$9,698,324.63	\$4,463,325.92	\$3,369,395.57	\$275,559.40	\$259,311.82	\$72,837.51	\$973,870.03	\$284,024.38
222	Revenue related to Pro Forma Plant additions	\$199,944.00						\$199,944.00	
223	Miscellaneous Charges and Taxes	\$11,094,720.09	\$4,461,618.00	\$3,291,556.88	\$275,417.38	\$259,311.82	\$76,441.50	\$2,437,432.80	\$292,941.71
224									
225									
226	TOTAL PRO FORMA REVENUE	\$217,191,908.60	\$109,247,922.02	\$66,969,194.38	\$7,820,969.71	\$7,152,646.48	\$2,087,539.23	\$16,899,197.01	\$6,104,709.81
227									
228		(\$1.25)							

Cascade Natural Gas Corporation
 UG 17 ____
 RJA WP - 2.3
 Intangible Plant
 Twelve Months Ended December 31, 2016

No.	Asset Description	Comment	Asset Balance	Washington	Oregon	Plant	Customers	Throughput	Misc.
				(75.27%*)	(24.73%*)				
1	MT VERNON GATE UPGRADE NWP COST	Passively owned portion of gate station	45,037.37	45,037.37				45,037	
2	Cc&B Software - Parent	Software	14,611,757.16	10,998,269.61	3,613,487.55		10,998,270		
3	Cc&B Software - 2010 Child	Software	695,173.17	523,256.85	171,916.32		523,257		
4	Gis - Software	Software	880,406.97	662,682.33	217,724.64	662,682			
5	Mwm - Software	Software	1,571,423.09	1,182,810.16	388,612.93	1,182,810			
6	Cc&B Software - 2011 Child	Software	1,461,483.87	1,100,058.91	361,424.96		1,100,059		
7	Gis - Software - 2011 Child	Software	270,056.20	203,271.30	66,784.90	203,271			
8	Mwm - Software -- 2011 Child	Software	306,430.79	230,650.46	75,780.33	230,650			
9	Purchase Docminder Software For Saf	Software	14,271.50	10,742.16	3,529.34				10,742
10	Purchase Pervasive Software Support	Software	7,720.22	5,811.01	1,909.21				5,811
11	Gis - Software - 2012 Child	Software	33,684.26	25,354.14	8,330.12	25,354			
12	Cc&B Software - 2012 Child	Software	3,845,179.74	2,894,266.79	950,912.95		2,894,267		
13	Mwm - Software -- 2012 Child	Software	309,282.93	232,797.26	76,485.67	232,797			
14	Arcgis Mobile	Software	541,240.59	407,391.79	133,848.80	407,392			
15	Upgrde Amr Collector Sw - Dire	Software	360,578.30	271,407.29	89,171.01		271,407		
16	ArcGIS 2012	Software	131,168.49	98,730.52	32,437.97	98,731			
17	GIS Compliance - Internal Cost	Software	1,398,379.89	1,052,560.54	345,819.35	1,052,561			
18	GIS Compliance - Contract Cost	Software	760,941.69	572,760.81	188,180.88	572,761			
19	SW Ucas Phase 1	Software	135,584.43	102,054.40	33,530.03				102,054
20	Gas Control System	Software	485,057.49	365,102.77	119,954.72			365,103	
21	TALEO HR CAP MNGMT - DIRECT	Software	-	-	-				-
22	Gas Modeling Application - Synergiee	Software	196,928.11	148,227.79	48,700.32			148,228	
23	Honeywell DC2009 WEB Software	Software	20,560.65	15,476.00	5,084.65				15,476
24	GIS System 10.2 Upgrade	Software	70,367.63	52,965.72	17,401.91	52,966			
25	GIS Enhancements	Software	182,264.72	137,190.65	45,074.07	137,191			
26	Taleo HR Capital Management Software	Software	59,108.33	44,490.84	14,617.49				44,491
27	GMS Software	Software	1,281.68	964.72	316.96			965	
28	GIS Enhancements	Software	153,134.17	115,264.09	37,870.08	115,264			
29	SCADA Enhancements	Software	22,031.66	16,583.23	5,448.43			16,583	
30	GIS Enhancements	Software	732.29	551.19	181.10	551			
31	Taleo Phase 2	Software	53,466.87	40,244.51	13,222.36				40,245
32	Bellingham Gate Upgrade	Passively owned portion of gate station	1,218,966.19	1,218,966.19				1,218,966	
33	GMS Software	Software	1,782,627.76	1,341,783.91	440,843.85			1,341,784	
34	GMS Software	Software	5,001.66	3,764.75	1,236.91			3,765	
35	Baker City Heater	Passively owned portion of gate station	113,374.44		113,374.44			-	
			31,744,704.31	24,121,490.07	7,623,214.24	4,974,981	15,787,259	3,140,431	218,819
						45,130.71	143,215	30,474	
						5,020,112	15,930,474	3,170,904	

36 *Allocation Rates Apply to Software Assets Only

37 No Account 386, Other Property on Customers Premises, remains. Remaining assets retired 08/31/2010.

Cascade Natural Gas Corporation
 UG 17 _____
 RJA WP - 2.4
 Special Contract Customers - Direct Plant Allocation
 Twelve Months Ended December 31, 2016

No.	Tariff Rate	Customer ID	Company Name	Service address	GIS Reference Number	Service Line			Main Extension			Meter/ Reg/ Equipment Information	Main/ Service Installation Number	Current Plant Account	Cost		
						Size (inches)	Material	Length (feet)	Size (inches)	Material	Length (feet)						
1	901-09	620 000 0000			0000180	4	Steel	740	4	Steel	1364		18137	3762 - HP Distribution	5,633.60		
2						4	Steel	1075	4	Steel	3286		15798	3671 - Transmission	14,560.64		
													15800	3801 - Steel Service	5,615.79		
3	901-10	740 000 0000			0000485	4	Steel	225	4	Steel	18		27994	3761 - IP Stl Distribution	848.08		
4						4	Steel	225					27995	3801 - Steel Service	7,076.73		
5									4	Steel	2847		11097	3762 - HP Distribution	13,985.83		
6									4	Steel	2052		11097	3761 - IP Stl Distribution	9,775.16		
7						4	Steel	222					11098	3801 - Steel Service	1,343.54		
8	901-14	150 000 0000			3150200	4	Steel	249	4	Steel	455		49628	3762 - HP Distribution	36,554.52		
9									6	Steel	3537		49627	3762 - HP Distribution	180,715.00		
10						4	Steel	249					49629	3801 - Steel Service	4,652.00		
11	901-03	650 000 0000			1471600263	1	Plastic	255	16	Steel	2674		41508	3671 - Transmission	321,714.98		
12						No services identified in FA ledgers			8	Steel	12		41506	3762 - HP Distribution	12,992.31		
13					10				Steel	17173					41501	3762 - HP Distribution	1,754,400.12
14					12				Steel	21073					41505	3762 - HP Distribution	3,403,801.63
					R.O.W.				N/A	N/A					41500		323,053.67
15	901-07	301 000 0000			0001215	6	Steel	100	12	Steel	360		43601	3762 - HP Distribution	359,683.00		
16									12	Steel	18373		43600	3762 - HP Distribution	6,207,918.20		
17									6	Steel	9102		52828	3761 - IP Stl Distribution	706,634.03		
18									6	Steel	241		165130	3761 - IP Stl Distribution	5,221.32		
19	901-01	111 000 0000			0001300	10	Steel	5	10	Steel	9		0150020 (Reg)				
						No Service identified in FA ledgers			16	Steel	43408		40000	3762 - HP Distribution	8,065,411.00		
20	901-06	720 000 0000			0000190	8	HP STL	1051	2 & 8	Steel	64455		14C1344	3671 - Transmission	322,312.68		
						Unable to identify any mains/service attached to this line in the area of the											
21	901-08	451 000 0000			1284820	12	Steel	23	12"	Steel	7636		26956	3762 - HP Distribution	472,524.44		
						No Service identified in FA ledgers											
22	901-11	630 000 0000			3400120	4	Steel	20	4	Steel	502		20799	3801 - Steel Service	3,553.73		
									4	Steel	94		20757				
23									2 & 4	Steel	452		19482	3761 - IP Stl Distribution	2,155.41		
24									4	Steel	918		19482	3762 - HP Distribution	4,364.15		
25	901-16	411 000 0000			0001317	12	STL	218	12	STL	3587		59671/E0023426				
						No Service identified in FA ledgers			12	STL	1204		59671/E0023426	3761 - IP Stl Distribution	27,084.28		
26														Total less R.O.W.	21,950,532.17		
27														3671 - Transmission	658,588.30		
28														3761 - IP Stl Distribution	751,718.28		
29														3762 - HP Distribution	20,517,983.80		
30														3801 - Steel Service	22,241.79		

UG 17 _____

RJA WP - 2.5

Customer Deposit

Twelve Months Ended December 31, 2016

Deposits Amount

	Residential	Small Commercial	Industrial
Jul-15	(702,508.87)	(292,239.86)	(946.00)
Aug-15	(651,432.56)	(282,598.45)	(946.00)
Sep-15	(598,841.38)	(259,895.44)	(946.00)
Oct-15	(560,879.71)	(251,171.59)	(644.00)
Nov-15	(541,927.90)	(254,564.44)	(644.00)
Dec-15	(520,737.24)	(251,532.48)	(644.00)
Jan-16	(504,420.03)	(251,769.97)	
Feb-16	(495,589.95)	(261,316.65)	(49.00)
Mar-16	(485,218.35)	(262,054.69)	(49.00)
Apr-16	(464,698.87)	(265,190.27)	(49.00)
May-16	(449,016.31)	(258,660.38)	(79.00)
Jun-16	(428,861.44)	(238,021.11)	(79.00)
Jul-16	(415,893.29)	(236,382.54)	(79.00)
Aug-16	(398,455.67)	(238,732.23)	(129.00)
Sep-16	(380,546.31)	(217,745.60)	(129.00)
Oct-16	(391,651.40)	(212,854.47)	(129.00)
Nov-16	(399,753.70)	(216,686.66)	(129.00)
Dec-16	(414,472.54)	(213,692.08)	(129.00)
12 month average	(5,228,577.86)	(2,873,106.65)	(1,029.00)
Percentage	64.5%	35.5%	0.0%

Class	Total	Res 502, 503	GSC 504, 512	GSI 505	GSLV 511	Interruptible 570, 577	Transport 663
Residential	5,228,578	5,228,578					
Small Commercial	2,873,107		2,873,107				
Industrial	1,029			1,029			
Total		5,228,578	2,873,107	1,029	-	-	-

No.	Name	Position	Labor Cost	CNG Allocation %	CNG Labor Cost \$	WA Allocation	CNG WA Labor Cost \$	Time Spent By Activity %				ent on Custom		Planning		Supply		Control	
								Planning	Supply	Control	20%	Core	Non-Core	Core	Non-Core	Core	Non-Core		
1	Bob Morman	Director Gas Control/Supply West	Not Required	31%	\$53,361	75.27%	\$40,164	50%	30%	20%	30%	70%	\$6,025	\$14,058	\$3,615	\$8,435	\$2,410	\$5,623	
2	Mark Sellers-Vaughn	Manager Resource Planning	\$126,875	100%	\$126,875	75.27%	\$95,499	70%	30%	0%	70%	30%	\$46,794	\$20,055	\$20,055	\$8,595	\$0	\$0	
3	Chris Robbins	Manager Gas Supply and Control	\$123,675	70%	\$86,573	75.27%	\$65,163	0%	60%	40%	40%	60%	\$0	\$0	\$15,639	\$23,459	\$10,426	\$15,639	
4	Eric Wood	Gas Supply Supervisor	\$80,433	100%	\$80,433	75.27%	\$60,542	0%	100%	0%	80%	20%	\$0	\$0	\$48,434	\$12,108	\$0	\$0	
5	Brian Cunnington	Gas Supply Supervisor	\$88,060	80%	\$70,448	75.27%	\$53,026	0%	0%	100%	70%	30%	\$0	\$0	\$0	\$0	\$37,118	\$15,908	
6	Carolyn Stone	Gas Supply Analyst	\$75,138	100%	\$75,138	75.27%	\$56,556	0%	100%	0%	95%	5%	\$0	\$0	\$53,729	\$2,828	\$0	\$0	
7	Shawn Nieuwsma	Gas Supply Manager	Not Required	20%	\$20,243	75.27%	\$15,237	0%	100%	0%	20%	80%	\$0	\$0	\$3,047	\$12,190	\$0	\$0	
8	Jessica Feist	Sr. Gas Systems Coordinator	Not Required	20%	\$11,989	75.27%	\$9,024	0%	100%	0%	20%	80%	\$0	\$0	\$1,805	\$7,220	\$0	\$0	
9	Kayla Geiger	Sr. Gas Systems Coordinator	Not Required	20%	\$12,253	75.27%	\$9,223	0%	100%	0%	20%	80%	\$0	\$0	\$1,845	\$7,378	\$0	\$0	
10	Matthew Schlag	Gas Systems Coordinator	Not Required	25%	\$5,781	75.27%	\$4,351	0%	100%	0%	20%	80%	\$0	\$0	\$870	\$3,481	\$0	\$0	
11	Brian Weisbeck	Gas Systems Coordinator	Not Required	25%	\$6,381	75.27%	\$4,803	0%	100%	0%	20%	80%	\$0	\$0	\$961	\$3,842	\$0	\$0	
12	Robin Martin	Scheduler	Not Required	25%	\$4,800	75.27%	\$3,613	0%	100%	0%	20%	80%	\$0	\$0	\$723	\$2,890	\$0	\$0	
13	Dominique Pouhe	Scheduler	Not Required	30%	\$7,975	75.27%	\$6,003	0%	100%	0%	20%	80%	\$0	\$0	\$1,201	\$4,802	\$0	\$0	
14	Sandy Bessent	Gas Controller	\$58,913	50%	\$29,457	75.27%	\$22,172	0%	0%	100%	70%	30%	\$0	\$0	\$0	\$0	\$15,520	\$6,652	
15	Mark Evans	Sr. Gas Controller	\$76,972	50%	\$38,486	75.27%	\$28,968	0%	0%	100%	70%	30%	\$0	\$0	\$0	\$0	\$20,278	\$8,691	
16	Ronald Horn	Sr. Gas Controller	\$71,956	50%	\$35,978	75.27%	\$27,081	0%	0%	100%	70%	30%	\$0	\$0	\$0	\$0	\$18,956	\$8,124	
17	Todd Robinson	Sr. Gas Controller	\$72,524	50%	\$36,262	75.27%	\$27,294	0%	0%	100%	70%	30%	\$0	\$0	\$0	\$0	\$19,106	\$8,188	
18	Adrian Scott	Sr. Gas Controller	\$71,707	50%	\$35,854	75.27%	\$26,987	0%	0%	100%	70%	30%	\$0	\$0	\$0	\$0	\$18,891	\$8,096	
19	Michael Shaffer	Sr. Gas Controller	\$69,352	50%	\$34,676	75.27%	\$26,101	0%	0%	100%	70%	30%	\$0	\$0	\$0	\$0	\$18,270	\$7,830	
20	Devin McGreal	Resource Planning Analyst I	\$20,504	100%	\$20,504	75.27%	\$15,433	90%	10%	0%	90%	10%	\$12,501	\$1,389	\$1,389	\$154	\$0	\$0	
21	Brian Robertson	Resource Planning Analyst, Sr.	\$57,954	100%	\$57,954	75.27%	\$43,622	85%	15%	0%	80%	20%	\$29,663	\$7,416	\$5,235	\$1,309	\$0	\$0	
22	Eckroat, Joseph C	Engineer I	Not Required		\$6,550	75.27%	\$4,930	0%	100%	0%	20%	80%	\$0	\$0	\$986	\$3,944	\$0	\$0	
Total					\$857,969		\$645,793						\$94,983	\$42,917	\$159,531	\$102,635	\$160,976	\$84,751	

	Res 502, 503	GSC 504	GSI 505, 512	GSLV 511	Interruptible 570, 577	Transport 663	Spl Contracts
23							
24							
25	Account-813_Demand						
26	\$ 94,983	\$ 48,907	\$ 34,637	\$ 4,955	\$ 1,762	\$ -	\$ -
27	\$ 42,917					\$ 23,760	\$ 19,157
28	\$ 137,900	\$ 48,907	\$ 34,637	\$ 4,955	\$ 1,762	\$ 23,760	\$ 19,157
29	Account-813_Commodity						
30	\$ 159,531	\$ 84,131	\$ 56,940	\$ 7,992	\$ 2,694		
31	\$ 102,635					\$ 62,073	\$ 40,561
32	\$ 262,166	\$ 84,131	\$ 56,940	\$ 7,992	\$ 2,694	\$ 62,073	\$ 40,561
33	Account-871_Commodity						
34	\$ 160,976	\$ 84,893	\$ 57,455	\$ 8,065	\$ 2,719		
35	\$ 84,751					\$ 51,257	\$ 33,494
	\$ 245,727	\$ 84,893	\$ 57,455	\$ 8,065	\$ 2,719	\$ 51,257	\$ 33,494

Cascade Natural Gas Corporation
 UG 17 ____
 RJA WP - 2.7
 Labor Report
 Twelve Months Ended December 31, 2016

No.	5110	5120	5130	5131	5140	5150	5193	5192	5194	5195	5196	5197	5199	TOTAL
1 FERC														
2 813	-	-	-	-	-			1,559	30,151	(701)	(1,006)	24,424	1,747	-
3 870	1,233,165	589	16,466	103,398	-		9,296	4,327	118,245	(17,796)	31,781	96,285	7,593	1,362,913
4 871	399,049	20,767		30,172	-	74	2,280	1,849	43,175	(1,393)	2,901	36,687	3,487	452,342
5 872	7,450	70,561			-	440		6	1,112	(119)	302	8,675	460	78,451
6 874	2,186,330	262,087		31,017	-	1,084	11,120	4,119	313,959	(22,608)	38,771	246,971	20,815	2,491,638
7 875	261,778	43,504			-	358	1,068	193	33,560	(3,022)	6,097	33,408	2,539	306,707
8 876	56,722	13,804		50	-	95	1,254	45	4,056	(1,097)	2,856	8,473	452	71,924
9 878	1,020,770	149,429		34	-	614	6,704	1,035	151,471	(15,003)	28,881	132,533	9,649	1,177,550
10 879	367,932	586,247			-	358	4,175	299	53,691	(5,159)	8,341	110,410	6,414	958,712
11 880	1,523,997	86,490	2,450	32,971	-	1,207	14,433	3,860	204,460	(17,266)	41,127	165,461	12,084	1,661,548
12 881					-									-
13 885	116,567		4,640	9,286	-		1,142	(12)	12,439	(1,762)	4,184	9,141	760	131,635
14 886	74				-			0	0			5	1	74
15 887	516,881	103,580		663	-	2,445	2,297	2,916	74,302	(3,935)	6,936	58,937	5,684	625,866
16 888	962	17,574			-	60		1	117	(12)		2,096	120	18,596
17 889	168,972	50,165		82	-	260	184	143	24,757	(2,531)	8,869	25,247	1,971	219,663
18 890	8,413	1,109			-	20	184	7	1,004	(22)	82	841	65	9,727
19 892	683,592	147,302		1,891	-	2,694	1,195	802	104,250	(4,234)	5,592	74,043	7,854	836,673
20 893	718,820	176,981		95	-	786	1,077	1,005	102,839	(3,973)	8,008	80,965	8,949	897,759
21 894	58,720	3,005			-		500	49	9,651	(693)	1,768	6,433	440	62,225
22 901					-			(1,825)	6,669					-
23 902	376,020	18,154		2,306	-	1,578	2,579	737	36,499	(4,948)	17,948	47,949	3,363	400,638
24 903	2,902,193	41,879	61,333	203,502	-	20	30,818	16,807	494,056	5,222	7,594	240,850	13,210	3,239,746
25 904					-									-
26 905					-									-
27 908					-									-
28 909					-									-
29 913					-									-
30 920	4,308,371	5,000	749,219	495,574	22,884	6	25,986	13,527	452,116	11,847	28,768	380,902	(44,136)	5,607,040
31 921					-									-
32 922					-									-
33 923					-									-
34 924					-									-
35 925					-								440	63,984
36 926					-			(9,817)	(14,095)	36,921	(37,922)		(8)	4,251,383
37 930					-									-
38 931					-									-
39 935	3,034				-			2	508	(28)	134	315	30	3,034

1	Rate Schedule	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan. - Aug.	Sept. - Dec.	Total
2	502	76,163	60,161	55,570	32,755	14,429	8,747	5,666	3,237	4,336	11,608	27,354	70,211	256,728	113,509	370,237
3	503	21,711,764	15,684,500	14,201,128	9,172,674	4,923,353	4,121,613	3,158,348	2,690,413	2,957,023	4,458,948	7,432,970	15,953,568	75,663,793	30,802,509	106,466,302
4	541				75	37	(112)		0		0	0	0	0	0	0
5	Total Res.	21,787,927	15,744,661	14,256,698	9,205,504	4,937,819	4,130,248	3,164,014	2,693,650	2,961,359	4,470,556	7,460,324	16,023,779	75,920,521	30,916,018	106,836,539
6	502	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	504	14,692,267	10,866,333	9,503,073	6,408,987	3,769,766	3,375,680	2,865,943	2,614,687	2,845,294	3,539,270	4,983,203	10,153,064	54,096,736	21,520,831	75,617,567
8	511	1,220,317	1,014,792	1,063,659	703,747	410,787	336,106	231,020	208,383	263,545	328,276	533,712	1,034,349	5,188,811	2,159,882	7,348,693
9	512	3,522	4,033	4,305	3,634	3,972	4,436	3,742	4,066	4,268	3,723	3,716	3,963	31,710	15,670	47,380
10	Total Com.	15,916,106	11,885,158	10,571,037	7,116,368	4,184,525	3,716,222	3,100,705	2,827,136	3,113,107	3,871,269	5,520,631	11,191,376	59,317,257	23,696,383	83,013,640
11	505	1,486,381	1,262,091	1,186,926	862,399	627,032	565,293	454,648	481,672	625,251	1,065,626	919,109	1,284,300	6,926,442	3,894,286	10,820,728
12	05LV	272	430	342	256	238	223	392	473	407	42	42	2,153	922	3,075	
13	511	236,447	159,561	392,109	197,628	139,204	264,090	164,773	351,740	261,458	267,981	267,959	263,955	1,905,552	1,061,353	2,966,905
14	Total Ind.	1,723,100	1,422,082	1,579,377	1,060,283	766,474	829,606	619,813	833,412	887,182	1,334,014	1,187,068	1,548,297	8,834,147	4,956,561	13,790,708
15	570	466,492	468,478	383,347	381,973	275,907	227,947	185,652	219,936	171,032	222,997	314,906	361,884	2,609,732	1,070,819	3,680,551
16	577	21,030	21,533	17,873	17,338	11,893	11,310	9,463	8,961	8,507	10,001	14,215	16,260	119,401	48,983	168,384
17	Total Inter.	487,522	490,011	401,220	399,311	287,800	239,257	195,115	228,897	179,539	232,998	329,121	378,144	2,729,133	1,119,802	3,848,935
18	6631	32,221,454	34,284,466	29,581,407	26,361,479	24,954,048	24,036,290	25,285,414	27,442,801	27,391,227	30,351,986	33,157,703	30,634,015	251,558,586	94,143,704	345,702,290
19	6632	63,850	64,856	61,922	61,900	56,192	58,149	53,729	46,165	53,974	54,177	62,424	54,955	466,763	225,530	692,293
20	6633	6,983,832	6,850,604	5,889,243	960,553	986,942	3,357,098	6,656,933	7,136,146	11,270,746	6,832,993	935,674	5,391,128	38,821,351	24,430,541	63,251,892
21	6635	986,519	1,312,713	1,793,523	1,285,352	769,956	2,549,711	2,480,087	4,392,734	8,774,344	2,734,065	1,371,808	506,648	15,570,595	13,386,865	28,957,460
22	901	7,799,801	7,443,944	7,867,966	7,271,606	6,851,907	6,282,405	4,670,317	6,386,347	7,464,379	7,289,540	7,402,535	7,955,874	54,574,293	30,112,328	84,686,621
23	902	310,029	50,651	0	0	0	0	0	0	0	0	0	0	360,680	0	360,680
24	903	617,027	1,174,934	120,221	0	121,588	1,494,038	2,552,281	7,191,370	1,760,357	478,644	499,335	6,080,089	9,929,706	16,009,795	
25	906	3,019,366	3,482,503	2,999,775	2,914,865	1,935,645	2,358,901	2,250,693	2,676,582	2,039,021	2,577,629	3,062,402	21,638,330	10,124,076	31,762,406	
26	908	119,111	527,289	431,729	491,690	819,902	281,708	475,886	779,965	1,729,358	780,450	313,524	582,580	3,927,280	3,405,912	7,333,192
27	909	2,902,368	2,988,622	2,308,672	2,651,138	2,547,720	2,419,712	2,087,130	2,327,217	2,178,765	2,243,785	2,841,352	2,411,553	20,232,579	9,675,455	29,908,034
28	910	743,768	931,500	804,013	639,600	180,699	391,675	443,762	516,534	777,543	699,246	886,699	783,701	4,651,551	3,147,189	7,798,740
29	911	421,378	534,420	515,788	343,195	421,534	447,431	423,575	264,558	401,313	442,989	419,709	387,194	3,371,879	1,651,205	5,023,084
30	914	1,099,518	1,182,912	1,073,794	1,169,931	1,090,163	1,085,521	1,040,712	1,105,831	1,077,422	1,066,817	1,178,128	1,099,884	8,848,382	4,422,251	13,270,633
31	915	385,043	385,329	353,753	479,974	487,333	483,899	263,095	0	0	0	0	0	2,838,426	0	2,838,426
32	916	12,042,259	11,813,955	9,207,700	2,196,553	1,622,346	7,384,086	8,462,979	10,703,343	12,244,456	9,803,155	1,897,625	230,920	63,433,221	24,176,156	87,609,377
33	Total Non-Core	69,715,323	73,028,698	63,009,506	46,827,836	42,724,387	51,258,174	56,088,350	66,330,504	82,593,918	66,637,189	53,390,849	53,600,189	252,581,363	472,623,560	725,204,923
34	Total Therms	109,629,978	102,570,610	89,817,838	64,609,302	52,901,005	60,173,507	63,167,997	72,913,599	89,735,105	76,546,026	67,887,993	82,741,785	366,627,728	566,067,017	932,694,745

35	Class	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Winter Sales	Winter5
36	Res 502, 503	21,787,927	15,744,661	14,256,698	9,205,504	4,937,819	4,130,248	3,164,014	2,693,650	2,961,359	4,470,556	7,460,324	16,023,779	75,273,389	52,728,282
37	GSC 504, 512	14,695,789	10,870,366	9,507,378	6,412,621	3,773,738	3,380,116	2,869,685	2,618,753	2,849,562	3,542,993	4,986,919	10,157,027	50,217,479	32,040,716
38	GSI 505	1,486,653	1,262,521	1,187,268	862,655	627,270	565,516	455,040	481,672	625,724	1,066,033	919,109	1,284,342	6,139,893	2,794,243
39	GSLV 511	1,456,764	1,174,353	1,455,768	901,375	549,991	600,196	395,793	560,123	525,003	596,257	801,671	1,298,304	6,186,860	3,237,761
40	Interruptible 570, 577	487,522	490,011	401,220	399,311	287,800	239,257	195,115	228,897	179,539	232,998	329,121	378,144	2,086,018	826,792
41	Transport 663	40,255,655	42,512,639	37,326,095	28,669,284	26,767,138	30,001,248	34,476,163	39,017,846	47,490,291	39,973,221	35,527,609	36,586,746	192,208,744	16,212,179
42	Spl Contracts	29,459,668	30,516,059	25,683,411	18,158,552	15,957,249	21,256,926	21,612,187	27,312,658	35,103,627	26,663,968	17,863,240	17,013,443	120,535,821	1,917,845

43		Res 502, 503	GSC 504, 512	GSI 505	GSLV 511	Interruptible 570, 577	Transport 663	Spl Contracts
44	Throughput	106,836,539	75,664,947	10,823,803	10,315,598	3,848,935	438,603,935	286,600,988
45		11%	8%	1%	1%	0%	47%	31%
46	WinterSales	75,273,389	50,217,479	6,139,893	6,186,860	2,086,018	192,208,744	120,535,821
47	Winter5	52,728,282	32,040,716	2,794,243	3,237,761	826,792	16,212,179	1,917,845

Cascade Natural Gas Corporation

UG 17 ____

RJA WP - 2.9

WA Billable Services Count

Twelve Months Ended December 31, 2016

No.	Rate Code	Sum of Billable Services	WA Billable Service Count	Res 502, 503	GSC 504, 512	GSI 505	GSLV 511	Interruptible 570, 577	Transport 663	Spl Contracts
1	CNGW05LV	12	1					1		
2	CNGW6631	2,242	187						187	
3	CNGW6632	12	1						1	
4	CNGW6633	12	1						1	
5	CNGW6635	12	1						1	
6	CNGWA502	6,832	569	569						
7	CNGWA503	2,173,053	181,088	181,088						
8	CNGWA504	305,515	25,460		25,460					
9	CNGWA505	5,408	451			451				
10	CNGWA511	1,030	86				86			
11	CNGWA512	12	1		1					
12	CNGWA541	3	0	0						
13	CNGWA570	96	8					8		
14	CNGWA577	24	2					2		
15	CNGWA901	12	1							1
16	CNGWA902	8	1							1
17	CNGWA903	12	1							1
18	CNGWA906	12	1							1
19	CNGWA907	12	1							1
20	CNGWA908	12	1							1
21	CNGWA909	12	1							1
22	CNGWA910	12	1							1
23	CNGWA911	12	1							1
24	CNGWA914	12	1							1
25	CNGWA915	6	1							1
26	CNGWA916	12	1							1
27	CNGWALVT	24	2						2	
28	Grand Total	2,494,421	207,868	181,657	25,461	451	87	10	192	11
29				87%	12%	0%	0%	0%	0%	0%

No.	Count	Total A/R	Unswep Charges	Unaged BP Payoff Amount	Total Aged					
					Balance	Balance	Balance	Balance	Balance	Balance
					0 to 30	31 to 60	61 to 90	91 to 120	Over 120	
Customer Class: COMMERCIAL										
1										
2	CNG011-BELLINGHAM DISTRICT	694,768.96	512.97	(56,007.91)	750,263.90	701,982.05	30,822.04	10,247.47	2,825.04	4,387.30
3	CNG012-MOUNT VERNON DISTRICT	487,040.54	841.90	(28,955.87)	515,154.51	476,497.00	18,897.66	9,668.47	1,862.04	8,229.34
4	CNG021-BREMERTON DISTRICT	484,893.49	428.39	(22,686.11)	507,151.21	471,522.56	20,505.74	11,396.38	1,993.64	1,732.89
5	CNG022-LONGVIEW DISTRICT	160,834.28	1.55	(9,131.97)	169,964.70	159,608.34	4,420.76	3,417.27	1,369.25	1,149.08
6	CNG023-ABERDEEN DISTRICT	72,078.94	10.00	(6,550.73)	78,619.67	71,646.93	4,559.09	833.90	340.87	1,238.88
7	CNG032-KENNEWICK DISTRICT	493,830.82	117.53	(26,557.10)	520,270.39	474,245.46	29,113.22	5,278.62	3,170.24	8,462.85
8	CNG033-WALLA WALLA DISTRICT	208,925.50	52.12	(1,528.72)	210,402.10	206,396.99	1,948.31	676.20	371.94	1,008.66
9	CNG034-WENATCHEE DISTRICT	376,704.80	513.54	(16,075.79)	392,267.05	379,825.16	7,657.62	3,379.40	915.93	488.94
10	CNG035-YAKIMA DISTRICT	584,724.62	358.26	(57,902.59)	642,268.95	585,001.94	31,871.33	12,655.75	4,920.06	7,819.87
11	COMMERCIAL	3,563,801.95	2,836.26	(225,396.79)	3,786,362.48	3,526,726.43	149,795.77	57,553.46	17,769.01	34,517.81
						93%	4%	2%	0%	1%
Customer Class: COMPANY OWNED										
12	CNG012-MOUNT VERNON DISTRICT	77.83	-	-	77.83	77.83	-	-	-	-
14	CNG032-KENNEWICK DISTRICT	361.30	-	-	361.30	361.30	-	-	-	-
15	COMPANY OWNED	439.13	-	-	439.13	439.13	-	-	-	-
						100%	0%	0%	0%	0%
Customer Class: GOVERNMENT										
17	CNG011-BELLINGHAM DISTRICT	200,340.91	-	(6,974.50)	207,315.41	206,885.49	429.92	429.92	-	-
18	CNG012-MOUNT VERNON DISTRICT	157,389.30	45.00	(41,999.97)	199,344.27	196,033.23	3,118.54	3,118.54	2.75	-
19	CNG021-BREMERTON DISTRICT	169,966.51	-	-	169,966.51	165,510.94	4,455.57	4,455.57	-	-
20	CNG022-LONGVIEW DISTRICT	78,728.12	-	-	78,728.12	78,594.91	104.27	104.27	0.51	-
21	CNG023-ABERDEEN DISTRICT	90,913.49	-	(7,567.20)	98,480.69	98,470.09	10.60	10.60	-	-
22	CNG032-KENNEWICK DISTRICT	170,153.55	-	-	170,153.55	157,223.67	12,853.96	12,853.96	-	-
23	CNG033-WALLA WALLA DISTRICT	46,119.68	-	-	46,119.68	44,574.21	831.81	831.81	341.63	-
24	CNG034-WENATCHEE DISTRICT	143,975.41	-	-	143,975.41	143,916.46	58.95	58.95	-	-
25	CNG035-YAKIMA DISTRICT	320,674.67	124.06	-	320,550.61	266,469.47	53,968.64	53,968.64	22.04	65.28
26	GOVERNMENT 1,283	1,378,261.64	169.06	(56,541.67)	1,434,634.25	1,357,678.47	75,832.26	75,832.26	366.93	65.28
						95%	5%	5%	0%	0%
Customer Class: INDUSTRIAL										
28	CNG011-BELLINGHAM DISTRICT	46,919.69	-	-	46,919.69	35,769.54	4,914.47	3,683.33	2,552.35	-
29	CNG012-MOUNT VERNON DISTRICT	84,398.79	99.16	-	84,299.63	83,940.35	100.07	104.52	48.04	106.65
30	CNG021-BREMERTON DISTRICT	95.13	-	-	95.13	90.89	4.24	-	-	-
31	CNG022-LONGVIEW DISTRICT	6,895.85	0.48	-	6,895.37	6,895.37	-	-	-	-
32	CNG023-ABERDEEN DISTRICT	9,350.31	-	-	9,350.31	9,350.31	-	-	-	-
33	CNG032-KENNEWICK DISTRICT	74,511.35	-	-	74,511.35	22,579.82	51,719.84	197.67	14.02	-
34	CNG033-WALLA WALLA DISTRICT	12,945.79	-	-	12,945.79	12,945.79	-	-	-	-
35	CNG034-WENATCHEE DISTRICT	59,156.82	-	-	59,156.82	58,765.89	390.93	-	-	-
36	CNG035-YAKIMA DISTRICT	230,546.52	45.00	-	230,501.52	217,686.03	7,244.84	-	5,570.65	-
37	INDUSTRIAL	524,820.25	144.64	-	524,675.61	448,023.99	64,374.39	3,985.52	8,185.06	106.65
						85%	12%	1%	2%	0%
Customer Class: LARGE VOLUME										
39	CNG011-BELLINGHAM DISTRICT	9,787.50	-	-	9,787.50	9,720.98	66.52	-	-	-
40	CNG012-MOUNT VERNON DISTRICT	34,904.81	-	-	34,904.81	34,904.81	-	-	-	-
41	CNG022-LONGVIEW DISTRICT	45,421.36	-	-	45,421.36	45,421.36	-	-	-	-
42	CNG023-ABERDEEN DISTRICT	17,283.47	-	-	17,283.47	17,283.47	-	-	-	-
43	CNG032-KENNEWICK DISTRICT	89,803.38	-	-	89,803.38	89,803.38	-	-	-	-
44	CNG033-WALLA WALLA DISTRICT	522.35	-	-	522.35	522.35	-	-	-	-
45	CNG034-WENATCHEE DISTRICT	29,653.49	-	-	29,653.49	20,417.43	1,516.78	1,501.77	1,268.37	4,949.14
46	CNG035-YAKIMA DISTRICT	74,914.58	-	-	74,914.58	32,595.46	7,036.86	13,436.93	263.77	21,581.56
47	LARGE VOLUME 52	302,290.94	-	-	302,290.94	250,669.24	8,620.16	14,938.70	1,532.14	26,530.70
						83%	3%	5%	1%	9%

No.	Count	Total A/R	Unswep Charges	Unaged BP Payoff Amount	Total Aged	0 to 30	31 to 60	61 to 90	91 to 120	Over 120
					Balance	Balance	Balance	Balance	Balance	Balance
48	Customer Class: RESIDENTIAL									
49	CNG011-BELLINGHAM DISTRICT	838,695.26	2,799.87	(931,747.31)	1,767,642.70	1,543,378.69	132,472.46	40,480.93	16,725.05	34,585.57
50	CNG012-MOUNT VERNON DISTRICT	435,721.26	2,890.04	(747,479.93)	1,180,311.15	991,656.92	83,682.28	40,725.81	18,573.13	45,673.01
51	CNG021-BREMERTON DISTRICT	643,976.55	1,850.66	(588,728.61)	1,230,854.50	987,573.92	125,228.12	40,805.74	17,641.89	59,604.83
52	CNG022-LONGVIEW DISTRICT	8,109.25	248.27	(49,766.18)	57,627.16	45,967.67	3,726.63	3,424.80	1,795.53	2,712.53
53	CNG023-ABERDEEN DISTRICT	(17,845.78)	395.12	(120,180.25)	101,939.35	53,125.84	18,359.86	6,922.64	4,282.71	19,248.30
54	CNG032-KENNEWICK DISTRICT	112,139.19	2,633.39	(436,818.58)	546,324.38	436,634.52	41,260.82	22,472.02	15,555.86	30,401.16
55	CNG033-WALLA WALLA DISTRICT	123,817.96	845.34	(268,920.01)	391,892.63	338,229.67	24,210.02	7,221.33	4,739.11	17,492.50
56	CNG034-WENATCHEE DISTRICT	16,050.31	239.11	(65,251.48)	81,062.68	62,609.76	9,318.96	2,442.09	1,764.99	4,926.88
57	CNG035-YAKIMA DISTRICT	(28,589.07)	2,154.52	(634,981.63)	604,238.04	409,058.71	82,326.45	28,737.12	14,656.90	69,458.86
58	RESIDENTIAL 132,236	2,132,074.93	14,056.32	(3,843,873.98)	5,961,892.59	4,868,235.70	520,585.60	193,232.48	95,735.17	284,103.64
						82%	9%	3%	2%	5%
59	Washington 148,316	7,901,688.84	17,206.28	(4,125,812.44)	12,010,295.00	10,451,772.96	819,208.18	345,542.42	123,588.31	345,324.08
						87%	7%	3%	1%	3%

60 Amount

	Average Bill	Total Aged	0 to 30	31 to 60	61 to 90	91 to 120	Over 120
61 Residential	50	5,961,893	4,868,236	520,586	193,232	95,735	284,104
62 Commercial	266	3,786,362	3,526,726	149,796	57,553	17,769	34,518
63 Large Volume	6,864	302,291	250,669	8,620	14,939	1,532	26,531
64 Industrial	1,446	524,676	448,024	64,374	3,986	8,185	107
65 Government		1,509,775	1,357,678	75,832	75,832	367	65
66 Total		12,084,997	10,451,334	819,208	345,542	123,588	345,324

67 Activity

	Collection Activity	End Activity
68 Residential	23,830	5,669
69 Commercial	1,195	130
70 Large Volume	6	4
71 Industrial	67	0
72 Government	0	
73 Total	25,098	5,802

Cascade Natural Gas Corporation
 UG 17 ____
 RJA WP - 2.11
 Meters and Regulators
 Twelve Months Ended December 31, 2016

No. Row Labels	CNG Class 1	CNG Class 2	CNG Class 3	CNG Class 4	CNG Class 5	CNG Class 6	CNG Class 7	Grand Total
	Residential 0-400	Commercial 401-700	Commercial 701-2500	Industrial 2501-4500	Industrial 4501-12000	Industrial 12001-90000	Industrial over 90000	
1 CNGW05LV						1		1
2 CNGW6631				2	39	144	4	189
3 CNGW6632						1		1
4 CNGW6633							1	1
5 CNGW6635							1	1
6 CNGWA502	564	106	7					677
7 CNGWA503	185,056	1,754	189	2				187,001
8 CNGWA504	17,102	3,718	4,459	922	853	38		27,092
9 CNGWA505	68	40	117	63	140	36		464
10 CNGWA511				1	37	48		86
11 CNGWA512					1			1
12 CNGWA570					1	7		8
13 CNGWA577					1	1		2
14 CNGWA901							1	1
15 CNGWA903							1	1
16 CNGWA906							1	1
17 CNGWA907							1	1
18 CNGWA908							1	1
19 CNGWA910						1		1
20 CNGWA911						2		2
21 CNGWA914							1	1
22 CNGWA915								
23 CNGWA916							1	1
24 CNGWALVT						2		2
25 no rate code	639	4	6	3	2	9	2	665
26 Grand Total	203,429	5,622	4,778	993	1,074	290	15	216,201

Cascade Natural Gas Corporation
 UG 17 ____
 RJA WP - 2.11
 Meters and Regulators
 Twelve Months Ended December 31, 2016

	CNG Class 1 Residential 0-400	CNG Class 2 Commercial 401-700	CNG Class 3 Commercial 701-2500	CNG Class 4 Industrial 2501-4500	CNG Class 5 Industrial 4501-12000	CNG Class 6 Industrial 12001-90000	CNG Class 7 Industrial over 90000
27 Costs							
28 Meter	\$ 110.56	\$ 369.79	\$ 450.32	\$ 1,783.49	\$ 2,003.50	\$ 6,225.03	
29 ERT	\$ 49.58	\$ 49.58	\$ 49.58	\$ 49.58			
30 Material				\$ 950.00	\$ 1,200.00	\$ 9,428.57	\$ 42,000.00
31 Equipment				\$ 100.00	\$ 175.00	\$ 1,078.57	
32 Labor	\$ 80.34	\$ 135.00	\$ 135.00	\$ 1,000.00	\$ 1,400.00	\$ 6,928.57	
33 Other				\$ -	\$ -	\$ 1,178.57	
34 Overhead				\$ 779.00	\$ 1,054.50	\$ 7,073.43	
35 Regulator	\$ 40.99	\$ 381.77	\$ 1,557.07	\$ 1,708.94	\$ 1,761.08	\$ 2,127.69	
36 Total	\$ 281.47	\$ 936.14	\$ 2,191.97	\$ 6,371.01	\$ 7,594.08	\$ 34,040.43	\$ 42,000.00
37 381 - meters	\$ 160.14	\$ 419.37	\$ 499.90	\$ 1,833.07	\$ 2,003.50	\$ 6,225.03	\$ -
38 382 - meter installation	\$ 80.34	\$ 135.00	\$ 135.00	\$ 2,829.00	\$ 3,829.50	\$ 25,687.71	\$ 42,000.00
39 383 - house regulators	\$ 40.99	\$ 381.77	\$ 1,557.07	\$ 1,708.94	\$ 1,761.08	\$ 2,127.69	\$ -

40 Number of Meters by Class							
41 Res502, 503	185,620	1,860	196	2	-	-	-
42 GSC 504, 512	17,102	3,718	4,459	922	854	38	-
43 GSI 505	68	40	117	63	140	36	-
44 GSLV511	-	-	-	1	37	49	-
45 Interruptible570, 577	-	-	-	-	2	8	-
46 Transport663	-	-	-	2	39	147	6
47 Spl Contracts	-	-	-	-	-	3	7

48 Regulators Allocator	Meter	Less: 385		Avg Regulator	Regulators Allocator	Average Install Cost	Meter Install Allocator	Meter Invest Allocator
	Counts	M&R Sets	Remaining					
49 Res502, 503	187,678	13	187,665	\$ 1,139	\$ 213,657,598	\$ 203	\$ 38,178,556	\$ 30,606,862
50 GSC504	27,093	515	26,578	\$ 1,613	\$ 42,874,819	\$ 125	\$ 3,320,718	\$ 10,164,612
51 GSI505, 512	464	83	381	\$ 1,613	\$ 614,618	\$ 22	\$ 8,497	\$ 706,227
52 GSLV511	87	26	61	\$ 83	\$ 5,080	\$ 19	\$ 1,146	\$ 380,989
53 Interruptible570, 577	10	2	8	\$ 23	\$ 181	\$ 3	\$ 23	\$ 53,807
54 Transport663	194	55	139	\$ 3	\$ 377	\$ 56	\$ 7,784	\$ 996,882
55 Spl Contracts	10	8	2	\$ 51	\$ 102	\$ 5	\$ 10	\$ 18,675

Cascade Natural Gas Corporation
 UG 17 ____
 RJA WP - 2.12
 Service Allocation
 Twelve Months Ended December 31, 2016

Year	Description	Total Cost	Qty	Cost per Service
2016	1) 1/2in Plastic Service	4,325,164	2,186	\$ 1,978.6
2016	2) 1in Plastic Service	2,148,491	801	\$ 2,682.3
2016	3) 2in Plastic Service	400,130	82	\$ 4,879.6
2016	4) 4in Plastic Service	84,034	1,264	\$ 66.5
2016	2) 3/4in PWX Service	45,943	13	\$ 3,534.1
2016	3) 1in PWX Service	16,063	1	\$ 16,063.0
2016	4) 1-1/4in PWX Service	918	1	\$ 918.0
2016	5) 2in PWX Service	4,379	2	\$ 2,189.5
2015	1) 1/2in Plastic Service	3,044,451	2,019	\$ 1,507.9
2015	2) 1in Plastic Service	1,394,283	597	\$ 2,335.5
2015	3) 2in Plastic Service	554,446	134	\$ 4,137.7
2015	4) 4in Plastic Service	93,345	19	\$ 4,912.9
2015	1) 1/2in PWX Service	637	-	
2015	2) 3/4in PWX Service	10,620	8	\$ 1,327.5
2015	3) 1-1/4in PWX Service	-	-	
2015	4) 2in PWX Service	2,172	1	\$ 2,172.0
2014	1) 1/2in Plastic Service	2,798,054	1,630	\$ 1,716.6
2014	2) 1in Plastic Service	1,626,342	471	\$ 3,453.0
2014	3) 2in Plastic Service	422,269	111	\$ 3,804.2
2014	4) 4in Plastic Service	44,313	10	\$ 4,431.3
2014	1) 3/4in PWX Service	13,405	7	\$ 1,915.0
2014	2) 1in PWX Service	2,626	1	\$ 2,626.0
2014	3) 1-1/4in PWX Service	-	-	
2014	3) 2in PWX Service	28,306	303	\$ 93.4
2013	1) 1/2in Plastic Service	4,530,151	2,024	\$ 2,238.2
2013	2) 1in Plastic Service	1,235,650	294	\$ 4,202.9
2013	3) 2in Plastic Service	704,235	107	\$ 6,581.6
2013	4) 4in Plastic Service	56,311	5	\$ 11,262.2
2013	1) 3/4in PWX Service	4,053	6	\$ 675.5
2013	2) 1in PWX Service	10,593	3	\$ 3,531.0
2013	3) 1-1/4in PWX Service	1,486	-	
2013	3) 2in PWX Service	2,379	2	\$ 1,189.5
2013-2014	1) 1/2in Plastic Service	7,328,205	3,654	\$ 2,005.5
2013-2014	2) 1in Plastic Service	2,861,992	765	\$ 3,741.2
2013-2014	3) 2in Plastic Service	1,126,504	218	\$ 5,167.4
2013-2014	4) 4in Plastic Service	100,624	15	\$ 6,708.3
2013-2014	1) 3/4in PWX Service	17,458	13	\$ 1,342.9
2013-2014	2) 1in PWX Service	13,219	4	\$ 3,304.8
2013-2014	3) 1-1/4in PWX Service	1,486	-	
2013-2014	3) 2in PWX Service	30,685	305	\$ 100.6
2016 Totals		7,025,122	4,350	\$ 1,615.0

Cascade Natural Gas Corporation
 UG 17 ____
 RJA WP - 2.12
 Service Allocation
 Twelve Months Ended December 31, 2016

	Res 502, 503		GSC 504,512		GSI 505		GSLV 511		Interruptible 570, 577		Transport 663		Spl Contracts
Small Customer Allocation													
Customers		181,657		25,461		451		87		10		192	11
Average Cost per service Feet	\$	1,872	\$	2,962	\$	4,790	\$	196					
Small customer allocation	\$	340,088,746	\$	75,406,713	\$	2,158,521	\$	17,044					
Large Customers Footage*													
PE													
1/2"												65	
1"												80	
2"								598				7,288	
4"												13,966	
6"												1,300	
STL													
3/4"												413	
1"												39	
1.25"												180	
2"								685				11,167	
4"								2,540				14,617	
6"								6				729	
16"												51	
Large Customers Cost/ft**													
PE													
1/2"								\$ 9.42	\$			9.42	
1"								\$ 10.66	\$			10.66	
2"								\$ 30.25	\$			30.25	
4"								\$ 38.12	\$			38.12	
6"								\$ 110.06	\$			110.06	
STL													
3/4"								\$ 199.91	\$			199.91	
1"								\$ 199.91	\$			199.91	
1.25"								\$ 199.91	\$			199.91	
2"								\$ 199.91	\$			199.91	
4"								\$ 233.33	\$			233.33	
6"								\$ 981.80	\$			981.80	
16"								\$ 3,104.32	\$			3,104.32	
Large Customer Allocated Cost													
PE													
1/2"								\$ -	\$			612	
1"								\$ -	\$			853	
2"								\$ 18,090	\$			220,462	
4"								\$ -	\$			532,384	
6"								\$ -	\$			143,078	
STL													
3/4"								\$ -	\$			82,563	
1"								\$ -	\$			7,796	
1.25"								\$ -	\$			35,984	
2"								\$ 136,938	\$			2,232,395	
4"								\$ 592,658	\$			3,410,585	
6"								\$ 5,891	\$			715,732	
16"								\$ -	\$			158,320	
Large Customers Allocation													
								\$ 753,577	\$			7,540,764	
Total Service Allocation	\$	340,088,746	\$	75,406,713	\$	2,158,521	\$	17,044	\$	753,577	\$	7,540,764	0

*The source for the footage data is RJA WP - 3.0 "Services Data by Size and Type"

**The source for the cost per feet data is RJA WP - 4.0 "Mains Unit Cost (3 Year Average)"

Cascade Natural Gas Corporation

UG 17 _____

RJA WP - 2.13

Design Day

Twelve Months Ended December 31, 2016

No.	Tariff	Current IRP WA Forecast (Dth)	Washington Weighted HDD
1	CNGWA502	578	52
2	CNGWA503	139,941	
3	CNGWA504	91,526	
4	CNGWA505	11,356	
5	CNGWA511	7,871	
6	CNGWA512	27	
7	CNGWA541	18	
8	CNGWA570	3,600	
9	CNGWA577	194	

Cascade Natural Gas Corporation
 UG 17 ____
 RJA WP - 2.14
 Meter Reading Expense
 Twelve Months Ended December 31, 2016

Position	# of Positions	Average Labor Rate	Average Loading/ Benefit Rate	Average Total Rate	Amount	Percent Meter Reading	Meter Reading Amount	Res 502, 503	GSC 504, 512	GSI 505	GSLV 511	Interruptible 570, 577	Transport 663	Spl Contracts
AMR Technician Meter & Electronic Inspector	4	\$32.18	\$15.12	\$47.30	\$393,536	100%	\$393,536.00	\$345,159.42	\$48,376.58					
Service Mechanic (A, B, C)	6	\$38.02	\$17.87	\$55.89	\$697,507	3%	\$21,797			\$13,089	\$2,522	\$290	\$5,571	\$324
	51	\$34.60	\$16.26	\$50.86	\$5,395,229	Back-up								
Total								\$345,159 83.10%	\$48,377 11.65%	\$13,089 3.15%	\$2,522 0.61%	\$290 0.07%	\$5,571 1.34%	\$324 0.08%

No.	Districts	Sum of Washington Amount	Description	Allocator	Res 502, 503	GSC 504,512	GSI 505	GSLV 511	Interruptible 570, 577	Transport 663	Spl Contracts
1	47011	247,904	Bellingham District								
2	47012	62,091	Mt. Vernon District								
3	47021	7,277	Bremerton District								
4	47022	50,516	Longview District								
5	47023	71,262	Aberdeen District								
6	47024	439	Bremerton Operations								
7	47032	109,302	Kennewick District								
8	47033	4,533	Walla Walla District								
9	47034	3,346	Wenatchee District								
10	47035	81,171	Yakima District								
11	<i>Subtotal: All Districts</i>	<i>637,840</i>									
12	4760700	565,640	Revenue Accounting	<i>Cust_Avg</i>	557,411.97	78,125.30	1,383	266	31	589	34
13	4762100	7,527	Administrative Services	<i>Revenues</i>	285,714.91	175,144	20,454	18,706	5,460	44,196	15,966
14	4767000	353,136	Credit and Collections	<i>903-Other</i>	6,016	1,034	51	36	10	244	136
15	4767100	248,672	Customer Services, Dir	<i>Coll_Activity</i>	335,289	16,817	943	88	-	-	-
16	4767200	1,451,863	Meridian-Customer Service	<i>Cust_Avg</i>	217,316	30,458	539	104	12	229	13
17	4767300	351,065	Customer Development/Programs	<i>Cust_Avg</i>	1,268,791	177,830	3,148	606	70	1,340	78
18	4767400	230,348	Scheduling	<i>Cust_Avg</i>	306,798	43,000	761	147	17	324	19
19	4767500	80,245	Compliance Systems & Telecom	<i>Thruput</i>	29,047.38	19,659	2,759	2,684	930	106,002	69,266
20	4767800	825,800	Information Systems	<i>Cust_Avg</i>	70,126	9,829	174	34	4	74	4
21	4768000	1,109,677	Office Services Allocated Costs	<i>Cust_Avg</i>	721,671	101,147	1,790	345	40	762	44
22	Grand Total	5,861,814		<i>903-Other</i>	886917.3817	152,493	7,473	5,375	1,535	35,905	19,979
23	Allocation %				4,685,098	805,537	39,475	28,392	8,108	189,664	105,539
					79.93%	13.74%	0.67%	0.48%	0.14%	3.24%	1.80%

Cascade Natural Gas Corporation
 UG 17 ____
 RJA WP - 2.16
 Mains Allocators
 Twelve Months Ended December 31, 2016

No.	Total	Res 502, 503	GSC 504	GSI 505, 512	GSLV 511	Interruptible 570, 577	Transport 663	Spl Contracts	
Number of Customers									
1	Mains - High Pressure					11	193	11	
2	Mains Steel IP >6"					11	193		
3	Mains Steel IP >4-6"					11	186		
4	Mains Steel IP >2-4"					10	169		
5	Mains Steel IP <=2"					6	84		
6	Mains Plastic IP 6"					2	72		
7	Mains Plastic IP 4"					2	68		
8	Mains Plastic IP <=2"					2	38		
9	Mains - Direct Allocation								
Peak									
10	Mains - High Pressure	5,231,034	1,405,192	915,538	113,558	78,709	20,798	1,493,270	1,203,970
11	Mains Steel IP >6"	4,027,064	1,405,192	915,538	113,558	78,709	20,798	1,493,270	
12	Mains Steel IP >4-6"	3,446,820	1,405,192	915,538	113,558	78,709	20,798	913,026	
13	Mains Steel IP >2-4"	3,337,524	1,405,192	915,538	113,558	78,709	10,961	813,566	
14	Mains Steel IP <=2"	2,843,115	1,405,192	915,538	113,558	78,709	4,723	325,396	
15	Mains Plastic IP 6"	2,734,900	1,405,192	915,538	113,558	78,709	1,094	220,809	
16	Mains Plastic IP 4"	2,720,998	1,405,192	915,538	113,558	78,709	1,094	206,907	
17	Mains Plastic IP <=2"	2,677,764	1,405,192	915,538	113,558	78,709	1,094	163,673	
18	Mains - Direct Allocation	-							
Annual Volume									
19	Mains - High Pressure	953,112,274	120,189,407	81,344,242	11,417,671	11,107,096	3,848,935	438,603,935	286,600,988
20	Mains Steel IP >6"	666,511,286	120,189,407	81,344,242	11,417,671	11,107,096	3,848,935	438,603,935	
21	Mains Steel IP >4-6"	508,809,996	120,189,407	81,344,242	11,417,671	11,107,096	3,848,935	280,902,644	
22	Mains Steel IP >2-4"	462,643,327	120,189,407	81,344,242	11,417,671	11,107,096	2,190,147	236,394,764	
23	Mains Steel IP <=2"	330,559,426	120,189,407	81,344,242	11,417,671	11,107,096	870,861	105,630,149	
24	Mains Plastic IP 6"	275,090,766	120,189,407	81,344,242	11,417,671	11,107,096	559,283	50,473,066	
25	Mains Plastic IP 4"	274,498,682	120,189,407	81,344,242	11,417,671	11,107,096	559,283	49,880,983	
26	Mains Plastic IP <=2"	264,775,161	120,189,407	81,344,242	11,417,671	11,107,096	559,283	40,157,461	
27	Mains - Direct Allocation	-							
28	Mains Steel IP >6"						3,651,388	398,057,153	178,447
29	Mains Steel IP >4-6"						3,651,388	254,934,573	178,447
30	Mains Steel IP >2-4"						2,077,737	214,541,228	-
31	Mains Steel IP <=2"						826,164	95,865,160	-
32	Mains Plastic IP 6"						530,578	45,807,079	-
33	Mains Plastic IP 4"						530,578	45,269,731	-
34	Mains Plastic IP <=2"						530,578	36,445,101	-

Number of Customers by Main Size and Type

Tariff Schedule	Unknown		PE			Steel								Total	
	Unknown	4-inch	2-inch	4-inch	6-inch	2-inch	3-inch	4-inch	6-inch	8-inch	10-inch	12-inch	16-inch		20-inch
570	1	-	1	-	-	3	-	2	1	-	-	-	-	-	8
577	-	-	-	-	-	1	-	2	-	-	-	-	-	-	3
663	24	1	13	29	4	46	2	53	13	1	-	2	3	1	192
664	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
9xx	1	-	-	-	-	1	-	3	1	2	1	2	-	-	11

Class Allocation	Interrupt. 570,577	Transport. 663	Special Contracts
Mains Steel IP >6"	11	193	11
Mains Steel IP >4-6"	11	186	6
Mains Steel IP >2-4"	10	169	4
Mains Steel IP <=2"	6	84	1
Mains Plastic IP 6"	2	72	-
Mains Plastic IP 4"	2	68	-
Mains Plastic IP <=2"	2	38	-

3-Day Peak by Main Size and Type

Tariff Schedule	Unknown		PE			Steel								Total	
	Unknown	4-inch	2-inch	4-inch	6-inch	2-inch	3-inch	4-inch	6-inch	8-inch	10-inch	12-inch	16-inch		20-inch
570	-	-	3,282	-	-	9,642	-	17,417	29,510	-	-	-	-	-	59,851
577	-	-	-	-	-	1,244	-	1,298	-	-	-	-	-	-	2,542
663	356,721	-	22,784	129,703	41,705	485,169	11,257	1,323,550	256,674	2,362	-	10,463	546,248	1,181,660	4,368,296
664	111,514	-	-	-	-	-	-	-	-	-	-	-	-	-	111,514
9xx	-	-	-	-	-	59,117	-	454,543	-	1,273,440	751,460	1,073,350	-	-	3,611,910

Class Allocation	Interrupt. 570,577	Transport. 663	Special Contracts
Mains Steel IP >6"	20,798	1,493,270	1,203,970
Mains Steel IP >4-6"	20,798	913,026	171,220
Mains Steel IP >2-4"	10,961	813,566	171,220
Mains Steel IP <=2"	4,723	325,396	19,706
Mains Plastic IP 6"	1,094	220,809	-
Mains Plastic IP 4"	1,094	206,907	-
Mains Plastic IP <=2"	1,094	163,673	-

Annual Throughput by Main Size and Type

Tariff Schedule	Unknown		PE			Steel								Total	
	Unknown	4-inch	2-inch	4-inch	6-inch	2-inch	3-inch	4-inch	6-inch	8-inch	10-inch	12-inch	16-inch		20-inch
570	71,611	-	458,967	-	-	229,519	-	1,149,256	1,573,651	-	-	-	-	-	3,483,004
577	-	-	-	-	-	66,067	-	102,317	-	-	-	-	-	-	168,384
663	33,156,919	407,218	3,288,182	8,417,412	537,348	59,420,059	885,838	108,965,600	39,855,997	62,247	-	524,113	79,284,328	63,251,892	398,057,153
664	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9xx	178,447	-	-	-	-	-	-	-	-	-	-	-	-	-	178,447

Class Allocation	Interrupt. 570,577	Transport. 663	Special Contracts
Mains Steel IP >6"	3,651,388	398,057,153	178,447
Mains Steel IP >4-6"	3,651,388	254,934,573	178,447
Mains Steel IP >2-4"	2,077,737	214,541,228	-
Mains Steel IP <=2"	826,164	95,865,160	-
Mains Plastic IP 6"	530,578	45,807,079	
Mains Plastic IP 4"	530,578	45,269,731	
Mains Plastic IP <=2"	530,578	36,445,101	

Class Allocation	Interrupt. 570,577	Transport. 663	Special Contracts
Mains Steel IP >6"			
Mains Steel IP >4-6"	100.0%	100.0%	100.0%
Mains Steel IP >2-4"	56.9%	53.9%	0.0%
Mains Steel IP <=2"	22.6%	24.1%	0.0%
Mains Plastic IP 6"	14.5%	11.5%	0.0%
Mains Plastic IP 4"	14.5%	11.4%	0.0%
Mains Plastic IP <=2"	14.5%	9.2%	0.0%

Mains Length (Feet) by Main Size and Type

Tariff Schedule	Unknown		PE			Steel								Total	
	Unknown	4-inch	2-inch	4-inch	6-inch	2-inch	3-inch	4-inch	6-inch	8-inch	10-inch	12-inch	16-inch		20-inch
570	-	-	145	-	-	47,114	-	28,982	240	-	-	-	-	-	76,481
577	-	-	-	-	-	46	-	1,409	-	-	-	-	-	-	1,455
663	-	6,463	19,043	87,785	10,329	164,535	-	239,112	55,990	-	-	359	94,479	27,904	705,999
664	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9xx	-	-	-	-	-	1,966	-	13,559	28,076	105,387	9	8,840	-	-	157,837

Class Allocation	Interrupt. 570,577	Transport. 663	Special Contracts
Mains Steel IP >6"	77,936	705,999	157,837
Mains Steel IP >4-6"	77,936	583,257	43,601
Mains Steel IP >2-4"	77,696	516,938	15,525
Mains Steel IP <=2"	47,305	183,578	1,966
Mains Plastic IP 6"	145	123,620	
Mains Plastic IP 4"	145	113,291	
Mains Plastic IP <=2"	145	19,043	

No.	Class/ Identification	Installed Cost							
		Total	Res 502, 503	GSC 504, 512	GSI 505	GSLV 511	Interruptible 570, 577	Transport 663	Spl Contracts
1	503	21,468.36	21,468.36						
2	504	1,470,783.56		1,470,783.56					
3	505	289,981.45			289,981.45				
4	511	90,077.32				90,077.32			
5	570	5,898.46					5,898.46		
6	663	1,141,987.77						1,141,987.77	
7	906	546,617.96							546,617.96
8	907	178.60							178.60
9	908	144,320.39							144,320.39
10	914	211,381.82							211,381.82
11	9xx	85.58							85.58
12	Large M&R Set	-							
13	* 2-503 & 2-504	4,014,362.67							
14	2-503 & 2-504	2,304.27	56.73	2,247.54					
15	504 & 505	668.08		575.35	92.73				
16	504 / 505	2,659.44		2,290.32	369.12				
17	504, 505, 511	2,903.43		2,396.26	386.19	120.98			
18	504/505	10,954.02		9,433.65	1,520.37				
19	504/663	36,132.04		32,645.62				3,486.42	
20	505/663	9,074.59			5,457.91			3,616.68	
21	663 / 504	9,211.30		8,322.49				888.81	
22	663 and 504	4,102.47		3,706.62				395.85	
23	regulator station	9,084.84							
24	Total Identified	4,000,790.91	21,525.09	1,532,401.40	297,807.77	90,198.30	5,898.46	1,150,375.54	902,584.35
25	Total	8,015,153.58							
26		49.92%	0.54%	38.30%	7.44%	2.25%	0.15%	28.75%	22.56%

*Blank line items have an unidentifiable class

No.	Class/ Identification	Count							
		Total	Res 502, 503	GSC 504	GSI 505, 512	GSLV 511	Interruptible 570, 577	Transport 663	Spl Contracts
28	503	12	12						
29	504	509		509					
30	505	79			79				
31	511	25				25			
32	570	2					2		
33	663	52						52	
34	906	2							2
35	907	1							1
36	908	2							2
37	914	2							2
38	9xx	1							1
39	Large M&R Set	-							
40	* 2-503 & 2-504	670							
41	2-503 & 2-504	2	1	1					
42	504 & 505	1		1	1				
43	504 / 505	1		1	1				
44	504, 505, 511	2		1	1	1			
45	504/505	3		2	2				
46	504/663	3		2				2	
47	505/663	1			1			1	
48	663 / 504	1			1			1	
49	663 and 504	1		1				1	
50	regulator station	1							
51	Total Identified	702	13	515	83	26	2	55	8
52	Total	1,372							
53			1.85%	73.36%	11.82%	3.70%	0.28%	7.83%	1.14%

*Blank line items have an unidentifiable class

Cascade Natural Gas Corporation
 UG 17 ____
 RJA WP - 2.19
 Write Offs
 Twelve Months Ended December 31, 2016

	Write Offs Amount									
	No. of Accounts	Residential	No. of Accounts	Small Commercial	No. of Accounts	Industrial	No. of Accounts	Government	No. of Accounts	Large Volume
2012	7,754	1,763,000.57	544	285,637.48	2	4,682.79	4	268.86	3	72,004.25
2013	7,119	1,183,621.71	393	144,485.91	5	458.24			3	2,411.00
2014	7,517	1,407,360.88	439	202,669.40	1	164.42			1	33,793.46
2015	5,436	990,625.34	360	180,732.06	3	1,373.65	5	2,221.50		
2016	5,425	990,611.79	369	185,373.48	2	1,227.91			4	12,809.74
5 year average		6,335,220.29		998,898.33		7,907.01		2,490.36		121,018.45
Percentage		84.9%		13.4%		0.1%		0.0%		1.6%

Class	Total	Res 502, 503	GSC 504, 512	GSI 505	GSLV 511	Interruptible 570, 577	Transport 663
Residential	6,335,220	6,335,220					
Small Commercial	998,898		998,898				
Industrial	7,907			7,907			
Government	2,490						
Large Volume	121,018				121,018		
Total		6,335,220	998,898	7,907	121,018	-	-

Cascade Natural Gas Corporation
 UG 17 ____
 RJA WP - 2.20
 Advances for Construction
 Twelve Months Ended December 31, 2016

Location\Rate Class	503	504	505	663	Total
Aberdeen	\$14,426.94	\$3,778.13	\$1,436.22	\$0.00	\$19,641.29
Bellingham	\$87,718.44	\$1,794.03	\$0.00	\$0.00	\$89,512.47
Bremerton	\$107,118.33	\$88,171.38	\$0.00	\$0.00	\$195,289.71
Longview	\$12,879.78	\$2,708.61	\$0.00	\$0.00	\$15,588.39
Mount Vernon	\$42,664.73	\$112,321.98	\$140,969.18	\$2,663,250.00	\$2,959,205.89
Tri-Cities	\$14,252.18	\$2,857.89	\$0.00	\$0.00	\$17,110.07
Walla Walla	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Wenatchee	\$0.00	\$0.00	\$55,086.91	\$0.00	\$55,086.91
Yakima	\$2,152.25	\$6,919.62	\$0.00	\$0.00	\$9,071.87
Total	\$281,212.65	\$218,551.64	\$197,492.31	\$2,663,250.00	\$3,360,506.60