

BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,

Complainant,

v.

CASCADE NATURAL GAS
CORPORATION,

Respondent.

DOCKET UG-21 ____

CASCADE NATURAL GAS CORPORATION
THIRD EXHIBIT (NONCONFIDENTIAL) TO THE
DIRECT TESTIMONY OF
PAMELA J. ARCHER

September 30, 2021

Cascade Natural Gas Corp.
Washington Jurisdiction
Twelve-Months ended December 31, 2020

Line No	Monthly	Bill at Present	Bill at Proposed	Revenue Change	Revenue Change
	Consumption (therms)	Rates	Rates	Amount	Percent
	A	B	C	D	E
1	<u>Residential - 503</u>				
2	-	\$5.00	\$5.00	\$0.00	0.00%
3	25	\$27.79	\$29.13	\$1.34	4.82%
4	30	\$32.35	\$33.96	\$1.61	4.97%
5	35	\$36.91	\$38.79	\$1.88	5.09%
6	40	\$41.47	\$43.61	\$2.15	5.17%
7	45	\$46.03	\$48.44	\$2.41	5.24%
8	50	\$50.58	\$53.27	\$2.68	5.30%
9	60	\$59.70	\$62.92	\$3.22	5.39%
10	70	\$68.82	\$72.57	\$3.75	5.45%
11	80	\$77.94	\$82.23	\$4.29	5.50%
12	90	\$87.05	\$91.88	\$4.83	5.54%
13	100	\$96.17	\$101.53	\$5.36	5.58%
14	110	\$105.29	\$111.19	\$5.90	5.60%
15	120	\$114.40	\$120.84	\$6.44	5.63%
16	130	\$123.52	\$130.49	\$6.97	5.64%
17	140	\$132.64	\$140.15	\$7.51	5.66%
18	150	\$141.75	\$149.80	\$8.04	5.67%
19	160	\$150.87	\$159.45	\$8.58	5.69%
20	170	\$159.99	\$169.10	\$9.12	5.70%
21	180	\$169.11	\$178.76	\$9.65	5.71%
22	190	\$178.22	\$188.41	\$10.19	5.72%
23	200	\$187.34	\$198.06	\$10.73	5.73%
24	210	\$196.46	\$207.72	\$11.26	5.73%
25	220	\$205.57	\$217.37	\$11.80	5.74%
26	230	\$214.69	\$227.02	\$12.33	5.75%
27	240	\$223.81	\$236.68	\$12.87	5.75%
28	250	\$232.92	\$246.33	\$13.41	5.76%
29	54	\$54.08	\$56.97	\$2.89	5.34%

Cascade Natural Gas Corp.
Washington Jurisdiction
Twelve-Months ended December 31, 2020

Line No	Monthly	Bill at Present	Bill at Proposed	Revenue Change	Revenue Change
	Consumption (therms)	Rates	Rates	Amount	Percent
	A	B	C	D	E
30	<u>General Commercial - 504</u>				
31	-	\$13.00	\$13.00	\$0.00	0.00%
32	50	\$55.21	\$57.46	\$2.25	4.08%
33	60	\$63.65	\$66.35	\$2.70	4.25%
34	70	\$72.09	\$75.24	\$3.15	4.38%
35	80	\$80.53	\$84.14	\$3.61	4.48%
36	90	\$88.97	\$93.03	\$4.06	4.56%
37	100	\$97.41	\$101.92	\$4.51	4.63%
38	110	\$105.85	\$110.81	\$4.96	4.68%
39	120	\$114.30	\$119.70	\$5.41	4.73%
40	130	\$122.74	\$128.60	\$5.86	4.77%
41	140	\$131.18	\$137.49	\$6.31	4.81%
42	150	\$139.62	\$146.38	\$6.76	4.84%
43	160	\$148.06	\$155.27	\$7.21	4.87%
44	170	\$156.50	\$164.16	\$7.66	4.90%
45	180	\$164.94	\$173.06	\$8.11	4.92%
46	190	\$173.38	\$181.95	\$8.56	4.94%
47	200	\$181.83	\$190.84	\$9.01	4.96%
48	250	\$224.03	\$235.30	\$11.27	5.03%
49	300	\$266.24	\$279.76	\$13.52	5.08%
50	350	\$308.45	\$324.22	\$15.77	5.11%
51	400	\$350.65	\$368.68	\$18.03	5.14%
52	450	\$392.86	\$413.14	\$20.28	5.16%
53	500	\$435.07	\$457.60	\$22.53	5.18%
54	600	\$519.48	\$546.52	\$27.04	5.21%
55	700	\$603.89	\$635.44	\$31.55	5.22%
56	800	\$688.30	\$724.36	\$36.06	5.24%
57	1,000	\$857.13	\$902.20	\$45.07	5.26%
58	1,250	\$1,068.16	\$1,124.50	\$56.34	5.27%
59	1,500	\$1,279.20	\$1,346.80	\$67.60	5.28%
60	1,750	\$1,490.23	\$1,569.10	\$78.87	5.29%
61	2,000	\$1,701.26	\$1,791.40	\$90.14	5.30%
62	2,500	\$2,123.33	\$2,236.00	\$112.67	5.31%
63	3,000	\$2,545.39	\$2,680.60	\$135.21	5.31%
64	3,500	\$2,967.46	\$3,125.20	\$157.74	5.32%
65	4,000	\$3,389.52	\$3,569.80	\$180.28	5.32%
66	271	\$242.11	\$254.34	\$12.23	5.05%

Cascade Natural Gas Corp.
Washington Jurisdiction
Twelve-Months ended December 31, 2020

Line No	Monthly	Bill at Present	Bill at Proposed	Revenue Change	Revenue Change
	Consumption (therms)	Rates	Rates	Amount	Percent
	A	B	C	D	E
67	<i>Industrial - Firm 505</i>				
68	-	\$60.00	\$60.00	\$0.00	0.00%
69	200	\$216.46	\$223.42	\$6.95	3.21%
70	400	\$372.93	\$386.83	\$13.90	3.73%
71	600	\$525.72	\$545.94	\$20.23	3.85%
72	800	\$674.83	\$700.74	\$25.92	3.84%
73	1,000	\$823.94	\$855.54	\$31.61	3.84%
74	1,200	\$973.05	\$1,010.34	\$37.30	3.83%
75	1,400	\$1,122.16	\$1,165.14	\$42.99	3.83%
76	1,600	\$1,271.27	\$1,319.95	\$48.68	3.83%
77	1,800	\$1,420.38	\$1,474.75	\$54.37	3.83%
78	2,000	\$1,569.49	\$1,629.55	\$60.06	3.83%
79	2,500	\$1,942.26	\$2,016.55	\$74.29	3.82%
80	3,000	\$2,315.04	\$2,403.55	\$88.52	3.82%
81	3,500	\$2,687.81	\$2,790.56	\$102.75	3.82%
82	4,000	\$3,060.59	\$3,177.56	\$116.97	3.82%
83	4,500	\$3,430.58	\$3,561.30	\$130.72	3.81%
84	5,000	\$3,800.58	\$3,945.05	\$144.48	3.80%
85	6,000	\$4,540.57	\$4,712.54	\$171.98	3.79%
86	7,000	\$5,280.56	\$5,480.03	\$199.48	3.78%
87	8,000	\$6,020.55	\$6,247.53	\$226.98	3.77%
88	9,000	\$6,760.54	\$7,015.02	\$254.48	3.76%
89	10,000	\$7,500.53	\$7,782.51	\$281.98	3.76%
90	12,500	\$9,350.50	\$9,701.24	\$350.74	3.75%
91	15,000	\$11,200.48	\$11,619.97	\$419.49	3.75%
92	17,500	\$13,050.45	\$13,538.70	\$488.25	3.74%
93	20,000	\$14,900.43	\$15,457.43	\$557.00	3.74%
94	22,500	\$16,750.40	\$17,376.16	\$625.76	3.74%
95	25,000	\$18,600.38	\$19,294.88	\$694.51	3.73%
96	27,500	\$20,450.35	\$21,213.61	\$763.26	3.73%
97	30,000	\$22,300.33	\$23,132.34	\$832.02	3.73%
98	32,500	\$24,150.30	\$25,051.07	\$900.77	3.73%
99	35,000	\$26,000.28	\$26,969.80	\$969.53	3.73%
100	40,000	\$29,700.23	\$30,807.26	\$1,107.04	3.73%
101	50,000	\$37,100.13	\$38,482.18	\$1,382.05	3.73%
102	60,000	\$44,500.03	\$46,157.10	\$1,657.07	3.72%
103	70,000	\$51,899.93	\$53,832.01	\$1,932.09	3.72%
104	80,000	\$59,299.83	\$61,506.93	\$2,207.11	3.72%
105	1,992	\$1,563.89	\$1,623.74	\$59.85	3.83%

Cascade Natural Gas Corp.
Washington Jurisdiction
Twelve-Months ended December 31, 2020

Line No	Monthly	Bill at Present	Bill at Proposed	Revenue Change	Revenue Change
	Consumption (therms)	Rates	Rates	Amount	Percent
	A	B	C	D	E
106	<i>Large Volume General Service - 511</i>				
107	-	\$125.00	\$125.00	\$0.00	0.00%
108	1,000	\$860.84	\$888.56	\$27.72	3.22%
109	2,000	\$1,596.68	\$1,652.11	\$55.43	3.47%
110	3,000	\$2,332.52	\$2,415.67	\$83.15	3.56%
111	4,000	\$3,068.36	\$3,179.22	\$110.86	3.61%
112	5,000	\$3,804.20	\$3,942.78	\$138.58	3.64%
113	8,000	\$6,011.72	\$6,233.45	\$221.73	3.69%
114	11,000	\$8,219.24	\$8,524.12	\$304.88	3.71%
115	14,000	\$10,426.76	\$10,814.79	\$388.03	3.72%
116	17,000	\$12,634.28	\$13,105.45	\$471.17	3.73%
117	20,000	\$14,841.80	\$15,396.12	\$554.32	3.73%
118	23,000	\$16,940.60	\$17,559.43	\$618.83	3.65%
119	26,000	\$19,039.40	\$19,722.73	\$683.33	3.59%
120	29,000	\$21,138.20	\$21,886.04	\$747.84	3.54%
121	32,000	\$23,237.00	\$24,049.34	\$812.34	3.50%
122	35,000	\$25,335.80	\$26,212.65	\$876.85	3.46%
123	40,000	\$28,833.80	\$29,818.16	\$984.36	3.41%
124	45,000	\$32,331.80	\$33,423.66	\$1,091.86	3.38%
125	50,000	\$35,829.80	\$37,029.17	\$1,199.37	3.35%
126	55,000	\$39,327.80	\$40,634.68	\$1,306.88	3.32%
127	60,000	\$42,825.80	\$44,240.19	\$1,414.39	3.30%
128	67,500	\$48,072.80	\$49,648.45	\$1,575.65	3.28%
129	75,000	\$53,319.80	\$55,056.72	\$1,736.92	3.26%
130	82,500	\$60,761.13	\$63,035.58	\$2,274.46	3.74%
131	90,000	\$65,067.70	\$67,342.16	\$2,274.46	3.50%
132	100,000	\$70,809.80	\$73,084.26	\$2,274.46	3.21%
133	110,000	\$76,909.30	\$79,245.04	\$2,335.74	3.04%
134	120,000	\$83,008.80	\$85,405.83	\$2,397.03	2.89%
135	130,000	\$89,108.30	\$91,566.62	\$2,458.32	2.76%
136	140,000	\$95,207.80	\$97,727.40	\$2,519.60	2.65%
137	150,000	\$101,307.30	\$103,888.19	\$2,580.89	2.55%
138	165,000	\$110,456.55	\$113,129.37	\$2,672.82	2.42%
139	180,000	\$119,605.80	\$122,370.55	\$2,764.75	2.31%
140	195,000	\$128,755.05	\$131,611.73	\$2,856.68	2.22%
141	210,000	\$137,904.30	\$140,852.91	\$2,948.61	2.14%
142	225,000	\$147,053.55	\$150,094.09	\$3,040.54	2.07%
143	250,000	\$162,302.30	\$165,496.05	\$3,193.75	1.97%
144	16,639	\$12,368.41	\$12,829.57	\$461.16	3.73%

Cascade Natural Gas Corp.

Washington Jurisdiction

Twelve-Months ended December 31, 2020

Line No	Monthly	Bill at Present	Bill at Proposed	Revenue Change	Revenue Change
	Consumption (therms)	Rates	Rates	Amount	Percent
	A	B	C	D	E
145	<i>Interruptible Service - 570</i>				
146	-	\$163.00	\$163.00	\$0.00	0.00%
147	1,000	\$847.92	\$863.42	\$15.50	1.83%
148	2,000	\$1,532.84	\$1,563.85	\$31.01	2.02%
149	3,000	\$2,217.76	\$2,264.27	\$46.51	2.10%
150	4,000	\$2,902.68	\$2,964.69	\$62.01	2.14%
151	5,000	\$3,587.60	\$3,665.12	\$77.52	2.16%
152	6,500	\$4,614.98	\$4,715.75	\$100.77	2.18%
153	8,000	\$5,642.36	\$5,766.39	\$124.03	2.20%
154	9,500	\$6,669.74	\$6,817.02	\$147.28	2.21%
155	11,000	\$7,697.12	\$7,867.66	\$170.54	2.22%
156	12,500	\$8,724.50	\$8,918.29	\$193.79	2.22%
157	14,000	\$9,751.88	\$9,968.93	\$217.05	2.23%
158	16,000	\$11,121.72	\$11,369.77	\$248.05	2.23%
159	18,000	\$12,491.56	\$12,770.62	\$279.06	2.23%
160	20,000	\$13,861.40	\$14,171.47	\$310.07	2.24%
161	22,000	\$15,231.24	\$15,572.31	\$341.07	2.24%
162	24,000	\$16,601.08	\$16,973.16	\$372.08	2.24%
163	26,000	\$17,970.92	\$18,374.01	\$403.09	2.24%
164	28,000	\$19,340.76	\$19,774.85	\$434.09	2.24%
165	30,000	\$20,710.60	\$21,175.70	\$465.10	2.25%
166	35,000	\$23,829.30	\$24,319.46	\$490.16	2.06%
167	40,000	\$26,948.00	\$27,463.22	\$515.22	1.91%
168	45,000	\$30,066.70	\$30,606.99	\$540.29	1.80%
169	50,000	\$33,185.40	\$33,750.75	\$565.35	1.70%
170	55,000	\$36,304.10	\$36,894.51	\$590.41	1.63%
171	60,000	\$39,422.80	\$40,038.27	\$615.47	1.56%
172	70,000	\$45,660.20	\$46,325.79	\$665.59	1.46%
173	80,000	\$51,897.60	\$52,613.32	\$715.72	1.38%
174	90,000	\$58,135.00	\$58,900.84	\$765.84	1.32%
175	100,000	\$64,372.40	\$65,188.36	\$815.96	1.27%
176	110,000	\$70,609.80	\$71,475.89	\$866.09	1.23%
177	120,000	\$76,847.20	\$77,763.41	\$916.21	1.19%
178	130,000	\$83,084.60	\$84,050.93	\$966.33	1.16%
179	140,000	\$89,322.00	\$90,338.46	\$1,016.46	1.14%
180	190,000	\$120,509.00	\$121,776.07	\$1,267.07	1.05%
181	240,000	\$151,696.00	\$153,213.69	\$1,517.69	1.00%
182	290,000	\$182,883.00	\$184,651.30	\$1,768.30	0.97%
183	23,233	\$16,075.99	\$16,436.18	\$360.20	2.24%

Cascade Natural Gas Corp.

Washington Jurisdiction

Twelve-Months ended December 31, 2020

Line No	Monthly	Bill at Present	Bill at Proposed	Revenue Change	Revenue Change
	Consumption (therms)	Rates	Rates	Amount	Percent
	A	B	C	D	E
184	<i>Non-Core Industrial 663</i>				
185	-	\$625.00	\$625.00	\$0.00	0.00%
186	2,000	\$758.87	\$779.45	\$20.58	2.71%
187	4,000	\$892.75	\$933.90	\$41.15	4.61%
188	6,000	\$1,026.62	\$1,088.35	\$61.73	6.01%
189	8,000	\$1,160.49	\$1,242.80	\$82.31	7.09%
190	10,000	\$1,294.37	\$1,397.25	\$102.89	7.95%
191	12,000	\$1,428.24	\$1,551.70	\$123.46	8.64%
192	14,000	\$1,562.11	\$1,706.16	\$144.04	9.22%
193	16,000	\$1,695.99	\$1,860.61	\$164.62	9.71%
194	18,000	\$1,829.86	\$2,015.06	\$185.20	10.12%
195	20,000	\$1,963.73	\$2,169.51	\$205.77	10.48%
196	25,000	\$2,298.42	\$2,555.63	\$257.22	11.19%
197	30,000	\$2,633.10	\$2,941.76	\$308.66	11.72%
198	35,000	\$2,967.78	\$3,327.89	\$360.11	12.13%
199	40,000	\$3,302.47	\$3,714.02	\$411.55	12.46%
200	45,000	\$3,637.15	\$4,100.14	\$462.99	12.73%
201	50,000	\$3,971.83	\$4,486.27	\$514.44	12.95%
202	60,000	\$4,641.20	\$5,258.52	\$617.32	13.30%
203	70,000	\$5,310.57	\$6,030.78	\$720.21	13.56%
204	80,000	\$5,979.93	\$6,803.03	\$823.10	13.76%
205	90,000	\$6,649.30	\$7,575.28	\$925.98	13.93%
206	100,000	\$7,318.67	\$8,347.54	\$1,028.87	14.06%
207	125,000	\$8,074.83	\$9,203.63	\$1,128.80	13.98%
208	150,000	\$8,831.00	\$10,059.73	\$1,228.73	13.91%
209	175,000	\$9,587.17	\$10,915.83	\$1,328.66	13.86%
210	200,000	\$10,343.33	\$11,771.92	\$1,428.59	13.81%
211	250,000	\$11,855.67	\$13,484.11	\$1,628.45	13.74%
212	300,000	\$13,368.00	\$15,196.30	\$1,828.30	13.68%
213	350,000	\$16,798.33	\$19,155.39	\$2,357.06	14.03%
214	400,000	\$17,897.67	\$20,383.76	\$2,486.10	13.89%
215	450,000	\$18,997.00	\$21,612.13	\$2,615.13	13.77%
216	500,000	\$20,096.33	\$22,840.51	\$2,744.17	13.66%
217	600,000	\$26,138.00	\$29,799.24	\$3,661.24	14.01%
218	800,000	\$29,191.33	\$33,138.26	\$3,946.92	13.52%
219	1,000,000	\$32,244.67	\$36,477.27	\$4,232.61	13.13%
220	285,881	\$12,940.93	\$14,712.80	\$1,771.87	13.69%