

EXHIBIT A

BEFORE THE
WASHINGTON UTILITIES & TRANSPORTATION COMMISSION

CASCADE NATURAL GAS CORPORATION

Annual Purchased Gas Cost and
Temporary Technical Adjustments

CNGC WUTC Advice No. W20-09-01

September 15, 2020

Cascade Natural Gas Corporation
 WASHINGTON 19/20 PURCHASED GAS COST TRACKING APPLICATION
DEVELOPMENT OF EMBEDDED SUPPLY & PIPELINE TRANSPORTATION RATES

CNGC Advice W20-09-01
 PGA Exhibit A
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Shaded means requires manual entry from Prior Year Washington PGA Gas Cost Workbook

	UNITS	11/1/2019		CURRENT COST OF GAS	
		RATE	AMOUNT	COMMODITY	DEMAND
CANADIAN UPSTREAM RESV COSTS	235,536	\$13.969265	\$3,290,265		\$3,290,265
DOMESTIC UPSTREAM NON-DIRECT RESV COSTS	17,871	\$13.575000	\$242,600		\$242,600
SUPPLY DEMAND CHARGES	277,819	\$3.037876	\$843,979	\$843,979	
COMPANY CONTRACT SUPPLY COMMODITY	230,205,353	\$0.231274	\$53,240,522	\$53,240,522	
GTN T-1 Agmt 00179	113,724	\$7.132756	\$811,164		\$811,164
GTN T-1 (Malin) Agmt 02812	0	\$4.921751	\$0		\$0
GTN T-3 (Expansion) Agmt 00152	0	\$3.797747	\$0		\$0
GTN 2003 Expansion Agmt 08844	0	\$4.921751	\$0		\$0
GTN South to North Agmt 12094	17,871	\$4.585105	\$81,941		\$81,941
GTN COMMODITY	16,882,201	\$0.003095	\$52,257	\$52,257	
NWP TF-1 100002 (principle transport--All Rec/All Del contract)	1,806,845	\$14.247045	\$25,742,203		\$25,742,203
NWP TF-1 Direct to Washington /1	364,650	\$14.247045	\$5,195,185		\$5,195,185
NWP TF-1 Split to specific OR and WA points	439,663	\$14.247045	\$6,263,901		\$6,263,901
NWP TF-1 Weyerhaeuser	50,000	\$14.247045	\$712,352		\$712,352
TF-1 COMMODITY	248,181,125	\$0.000962	\$238,750	\$238,750	
LS-1 DEMAND	688,171	\$0.946842	\$651,590		\$651,590
LS-1 CAPACITY	5,833,051	\$0.121146	\$706,651		\$706,651
LS-1 COMMODITY	5,833,051	\$0.314146	\$1,832,428	\$1,832,428	
LS-INVENTORY	5,833,051	\$0.018880	\$110,129		\$110,129
LS-1 LIQUEFACTION	5,833,051	\$0.090855	\$529,962		\$529,962
LS-1 VAPORIZATION	5,833,051	\$0.003386	\$19,751		\$19,751
TF-2 TRANSPORTATION CAPACITY	15,937	\$14.286078	\$227,681		\$227,681
TF-2 TRANSPORTATION COMMODITY	5,833,051	\$0.000832	\$4,853	\$4,853	
SGS-1 DEMAND	147,887	\$0.571692	\$84,546		\$84,546
SGS-1 CAPACITY	5,323,482	\$0.020862	\$111,058		\$111,058
SGS-1 COMMODITY	5,323,482	\$0.342794	\$1,824,858	\$1,824,858	
SGS-1 INVENTORY	5,323,482	\$0.020602	\$109,674		\$109,674
TF-2 TRANSPORTATION CAPACITY	14,545	\$14.286078	\$207,791		\$207,791
TF-2 TRANSPORTATION COMMODITY	5,323,482	\$0.000832	\$4,429	\$4,429	
SGS-JPEXP DEMAND	264,258	\$1.484496	\$392,290		\$392,290
SGS-JPEXP CAPACITY	3,083,008	\$0.127368	\$392,677		\$392,677
SGS-JPEXP STORAGE COMMODITY	3,083,008	\$0.582354	\$1,795,402	\$1,795,402	
SGS-JPEXP INVENTORY	3,083,008	\$0.034999	\$107,904		\$107,904
TF-2 TRANSPORTATION CAPACITY	8,424	\$0.000000	\$0		\$0
TF-2 TRANSPORTATION COMMODITY	3,083,008	\$0.000832	\$2,565	\$2,565	
SGS-JP3 and JP4 DEMAND	95,770	\$0.571692	\$54,751		\$54,751
SGS-JP3 and JP4 CAPACITY	2,812,420	\$0.020862	\$58,673		\$58,673
SGS-JP3 and JP4 STORAGE COMMODITY	2,812,420	\$0.342942	\$964,497	\$964,497	
SGS-JP3 and JP 4 STORAGE INVENTORY	2,812,420	\$0.020611	\$57,966		\$57,966
TF-2 TRANSPORTATION CAPACITY	7,684	\$14.286078	\$109,777		\$109,777
TF-2 TRANSPORTATION COMMODITY	2,812,420	\$0.000832	\$2,340	\$2,340	
SGS-MIST DEMAND	264,258	\$5.573400	\$1,472,814		\$1,472,814
SGS-MIST CAPACITY	5,285,156	\$0.067440	\$356,431		\$356,431
SGS-MIST STORAGE COMMODITY	5,285,156	\$0.206965	\$1,093,841	\$1,093,841	
SGS-MIST STORAGE INVENTORY	5,285,156	\$0.000000	\$0		\$0
TRANSPORTATION CAPACITY	14,440	\$5.573400	\$80,482		\$80,482
TRANSPORTATION COMMODITY	5,285,156	\$0.000184	\$974	\$974	
SGS-TBD2 DEMAND	0	\$0.000000	\$0		\$0
SGS-TBD2 CAPACITY	0	\$0.000000	\$0		\$0
SGS-TBD2 STORAGE COMMODITY	0	\$0.000000	\$0	\$0	
SGS-TBD2 INVENTORY	0	\$0.000000	\$0		\$0
TF-2 TRANSPORTATION CAPACITY	0	\$0.000000	\$0		\$0
TF-2 TRANSPORTATION COMMODITY	0	\$0.000000	\$0	\$0	
WINTER PEAKING RESERVATION (WWP)	0	\$0.00000	\$0		\$0
WINTER PEAKING COMMODITY	0	\$0.00000	\$0	\$0	
TF-2 TRANSPORTATION CAPACITY	0	\$0.00000	\$0		\$0
TF-2 TRANSPORTATION COMMODITY	0	\$0.00000	\$0	\$0	
Core Mitigation (Net Capacity Release and Storage Revenues)			(\$4,228,208)		(\$4,228,208)
DAILY BALANCING NON-CORE CREDIT	740,286,612	(\$0.00040)	(\$296,115)		(\$296,115)
WA COMMODITY VOLUMES FOR CORE RESOURCES	252,542,469		\$105,478,963	\$61,901,696	\$43,577,267
LAST SALES/TRANSPORT VOLUMES Demand				252,542,470	252,542,470
LAST PROPOSED AVERAGE RATE				\$0.24511	\$0.17255

	UNITS	CURRENT RATE	AMOUNT	CURRENT COST OF GAS		EMBEDDED DIFFERENCE	COMMODITY UNITS
				COMMODITY	DEMAND		
CANADIAN UPSTREAM RESV COSTS	231,224	\$13.78555	\$3,187,549		\$3,187,549	(\$102,716)	
DOMESTIC UPSTREAM NON-DIRECT RESV COSTS	17,541	\$13.50000	\$236,802		\$236,802	(\$5,799)	
SUPPLY DEMAND CHARGES	277,483	\$3.05748	\$848,399	\$848,399			
COMPANY CONTRACT SUPPLY COMMODITY	240,047,612	\$0.24912	\$59,799,739	\$59,799,739		\$ 6,559,217	240,047,612
GTN T-1 Agmt 00179	102,064	\$7.90770	\$807,093		\$807,093	(\$4,071)	
GTN T-1 (Malin) Agmt 18507	88,306	\$4.55587	\$402,311		\$402,311		
GTN T-3 (Expansion) Agmt 00152	0	\$3.51523	\$0		\$0		
GTN 2003 Expansion Agmt 08844	0	\$4.55587	\$0		\$0		
GTN South to North Agmt 12094	17,541	\$4.34939	\$76,292		\$76,292		
GTN COMMODITY	14,648,581	\$0.00286	\$41,913	\$41,913		(\$10,345)	
NWP TF-1 100002 (principle transport--All Rec/All Del contract)	1,793,700	\$14.20799	\$25,484,870		\$25,484,870	(\$257,333)	
NWP TF-1 Direct to Washington /1	292,160	\$14.20799	\$4,151,006		\$4,151,006	(\$1,044,179)	
NWP TF-1 Split to specific OR and WA points	440,044	\$14.20799	\$6,252,146		\$6,252,146	(\$11,755)	
NWP TF-1 Weyerhaeuser	50,000	\$14.20799	\$710,400		\$710,400	(\$1,953)	
TF-1 COMMODITY	259,281,100	\$0.00096	\$249,428	\$249,428		\$10,678	
LS-1 DEMAND	529,837	\$0.94170	\$498,947		\$498,947	(\$1,919)	
LS-1 CAPACITY	883,061	\$0.12045	\$106,365		\$106,365	(\$2,304)	
LS-1 COMMODITY	883,061	\$0.30507	\$269,397	\$269,397		\$2,287	883,061
LS-INVENTORY	883,061	\$0.018335	\$16,191		\$16,191	\$137	
LS-1 LIQUEFACTION	883,061	\$0.09086	\$80,231		\$80,231	\$1,325	
LS-1 VAPORIZATION	883,061	\$0.00339	\$2,990		\$2,990	\$49	
TF-2 TRANSPORTATION CAPACITY	2,419	\$14.20799	\$34,374		\$34,374	(\$57)	
TF-2 TRANSPORTATION COMMODITY	883,061	\$0.00083	\$735	\$735		\$12	
LS-2 DEMAND	160,055	\$0.94170	\$150,724		\$150,724		
LS-2 CAPACITY	4,964,569	\$0.12045	\$597,982		\$597,982		
LS-2 COMMODITY	4,964,569	\$0.31530	\$1,565,317	\$1,565,317			4,964,569
LS-INVENTORY	4,964,569	\$0.018949	\$94,076		\$94,076		
LS-2 LIQUEFACTION	4,964,569	\$0.09086	\$451,056		\$451,056		
LS-2 VAPORIZATION	4,964,569	\$0.00339	\$16,810		\$16,810		
TF-2 TRANSPORTATION CAPACITY	13,602	\$14.20799	\$193,251		\$193,251		
TF-2 TRANSPORTATION COMMODITY	4,964,569	\$0.00083	\$4,131	\$4,131			
SGS-1 DEMAND	148,257	\$0.56867	\$84,309		\$84,309	(\$237)	
SGS-1 CAPACITY	5,336,788	\$0.02081	\$111,032		\$111,032	(\$27)	
SGS-1 COMMODITY	5,336,788	\$0.17452	\$931,387	\$931,387		(\$893,471)	5,336,788
SGS-1 INVENTORY	5,336,788	\$0.010489	\$55,976		\$55,976	(\$53,698)	
TF-2 TRANSPORTATION CAPACITY	14,621	\$14.20799	\$207,740		\$207,740	(\$52)	
TF-2 TRANSPORTATION COMMODITY	5,336,788	\$0.00083	\$4,440	\$4,440		\$11	
SGS-JPEXP DEMAND	264,918	\$1.47643	\$391,132		\$391,132	(\$1,158)	
SGS-JPEXP CAPACITY	3,090,713	\$0.12666	\$391,454		\$391,454	(\$1,222)	
SGS-JPEXP STORAGE COMMODITY	3,090,713	\$0.17876	\$552,494	\$552,494		(\$1,242,908)	3,090,713
SGS-JPEXP INVENTORY	3,090,713	\$0.010743	\$33,205		\$33,205	(\$74,699)	
TF-1 TRANSPORTATION CAPACITY	8,468	\$14.20799	\$120,309		\$120,309	\$120,309	
TF-1 TRANSPORTATION COMMODITY	3,090,713	\$0.00083	\$2,571	\$2,571		\$6	
SGS-JP3 DEMAND	60,770	\$0.56867	\$34,558		\$34,558	(\$289)	
SGS-JP3 CAPACITY	1,575,911	\$0.02081	\$32,787		\$32,787	(\$7,003)	
SGS-JP3 STORAGE COMMODITY	1,575,911	\$0.17849	\$281,290	\$281,290		(\$506,578)	1,575,911
SGS-JP3 STORAGE INVENTORY	1,575,911	\$0.010727	\$16,906		\$16,906	(\$30,445)	
TF-2 TRANSPORTATION CAPACITY	4,318	\$14.20799	\$61,344		\$61,344	(\$13,103)	
TF-2 TRANSPORTATION COMMODITY	1,575,911	\$0.00083	\$1,311	\$1,311		(\$274)	
SGS-JP4 DEMAND	35,000	\$0.56867	\$19,903		\$19,903		
SGS-JP4 CAPACITY	907,628	\$0.02081	\$18,883		\$18,883		
SGS-JP4 STORAGE COMMODITY	907,628	\$0.19460	\$176,628	\$176,628			907,628
SGS-JP4 STORAGE INVENTORY	907,628	\$0.011696	\$10,615		\$10,615		
TF-2 TRANSPORTATION CAPACITY	2,487	\$14.20799	\$35,330		\$35,330		
TF-2 TRANSPORTATION COMMODITY	907,628	\$0.00083	\$755	\$755			
SGS-MIST DEMAND	264,918	\$5.57340	\$1,476,496		\$1,476,496	\$3,681	
SGS-MIST CAPACITY	5,298,366	\$0.06744	\$357,322		\$357,322	\$891	
SGS-MIST STORAGE COMMODITY	5,298,366	\$0.17583	\$931,603	\$931,603		(\$162,238)	5,298,366
SGS-MIST STORAGE INVENTORY	5,298,366	\$0.010567	\$55,989		\$55,989	\$55,989	
TRANSPORTATION CAPACITY	14,516	\$14.20799	\$206,244		\$206,244	\$125,763	
TRANSPORTATION COMMODITY	5,298,366	\$0.00083	\$4,408	\$4,408		\$3,434	
SGS-TBD2 DEMAND	0	\$0.00000	\$0		\$0	\$0	
SGS-TBD2 CAPACITY	0	\$0.00000	\$0		\$0	\$0	
SGS-TBD2 STORAGE COMMODITY	0	\$0.00000	\$0	\$0		\$0	
SGS-TBD2 INVENTORY	0	\$0.00000	\$0		\$0	\$0	
TF-2 TRANSPORTATION CAPACITY	0	\$0.00000	\$0		\$0	\$0	
TF-2 TRANSPORTATION COMMODITY	0	\$0.00000	\$0	\$0		\$0	
WINTER PEAKING RESERVATION (WWP)	0	\$0.00000	\$0		\$0	\$0	
WINTER PEAKING COMMODITY	0	\$0.00000	\$0	\$0		\$0	
TF-2 TRANSPORTATION CAPACITY	0	\$0.00000	\$0		\$0	\$0	
TF-2 TRANSPORTATION COMMODITY	0	\$0.00000	\$0	\$0		\$0	
Core Mitigation (Net Capacity Release and Storage Revenues)			(\$4,306,519)		(\$4,306,519)	(\$78,311)	
DAILY BALANCING NON-CORE CREDIT	759,946,232	(\$0.00040)	(\$303,978)		(\$303,978)	(\$7,864)	
WA COMMODITY VOLUMES FOR CORE RESOURCES	262,104,646		\$108,328,448	\$65,665,948	\$42,662,500	\$2,367,784	262,104,646
SALES/TRANSPORT VOLUMES				262,104,646	262,104,646		
PROPOSED AVERAGE RATE				\$0.25053	\$0.16277	\$0.41330	
CURRENT AVERAGE RATE IN RATES				\$0.24511	\$0.17255	\$0.41766	
GROSS RATE CHANGE				\$0.00542	(\$0.00978)	(\$0.00436)	
REVENUE ADJUSTMENT FACTOR			UG-170929	\$1.04431			
REVENUE ADJUSTMENT FACTOR			UG-190210	1.04362	1.04362	1.04362	(1,142,776)
TOTAL PROPOSED ADJUSTMENT				\$0.00549	(\$0.01021)	(\$0.00455)	

CASCADE NATURAL GAS CORPORATION

EXHIBIT A

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CASCADE NATURAL GAS CORPORATION
2020 PGA Gas Demand Cost Allocation

	Current	Proposed
Demand Costs	\$43,577,267	\$ 42,662,500
Commodity Costs	61,901,696	65,665,948

Rate Schedule	503	504	505/511	570	Total
Current Demand Rates	0.17463	0.17199	0.15896	0.14597	
Revenue Adjustment Factor	\$ 1.04431	\$ 1.04431	\$ 1.04431	\$ 1.04431	
% change (same for each sch)	-4.96273%	-4.96273%	-4.96273%	-4.96273%	
Proposed Demand Increment	\$ 0.16596	\$ 0.16345	\$ 0.15107	\$ 0.13873	
Proposed Demand Costs Collected	\$21,908,214	\$ 14,877,231	\$5,574,110	\$ 302,944	\$42,662,500
Proposed Change in Demand	(0.00867)	(0.00854)	(0.00789)	(0.00724)	
Revenue Adjustment Factor	1.04362	1.04362	1.04362	1.04362	
Proposed Rate Adjustment	\$ (0.00916)	\$ (0.00903)	\$ (0.00834)	\$ (0.00765)	
Proposed Volumes	132,006,149	91,017,510	36,897,228	2,183,759	262,104,646

Cascade Natural Gas Corporation
PGA AMOUNT OF CHANGE BY RATE SCHEDULE
Based Upon the Twelve Months Ended 7/31/20
State of Washington

Line No.	Description (a)	Rate Schedule (b)	Average # of Bills (c)	Forecasted Therms Sold (d)	Actual Revenue (e)	Per Therm Gas Cost Change (g)	Amount of Change (h)
CORE MARKET RATE SCHEDULES							
1	Residential	503	193,657	127,118,966	129,784,520	(0.00367)	(466,870.53)
2	Commercial	504	26,658	88,299,944	79,262,368	(0.00354)	(312,501.00)
3	Industrial Firm	505	480	14,482,050	9,601,453	(0.00285)	(41,313.02)
4	Large Volume	511	98	27,088,723	18,277,286	(0.00285)	(77,276.15)
5	Industrial Interruptible	570	8	2,291,417	1,421,635	(0.00216)	(4,957.49)
6	Subtotal Core		220,901	259,281,100	238,347,262		(902,918)
NONCORE MARKET RATE SCHEDULES							
7	Distribution	663	188	629,818,145	20,168,203	\$ -	
8	Special Contracts	9xx	7	216,766,399	4,441,400	\$ -	
9	Subtotal Non-core		195	846,584,544	24,609,603	\$ -	
10	CORE & NON-CORE		221,096	1,105,865,644	262,956,865	\$ -	(902,918)

Cascade Natural Gas Corporation
PGA PROPOSED TYPICAL MONTHLY BILL BY CLASS
State of Washington

Line No.	Description (a)	Typical Monthly Therm Use (b)	Avg Bill @ 11/1/19 Rates (c)	Present Filing Changes (d)	Proposed Typical Bill (e)	Percent Change (f)
1	Residential (503)	56	\$55.85	(\$0.21)	\$55.64	-0.37%
2	Commercial (504)	290	\$247.78	(\$1.03)	\$246.75	-0.41%
3	Industrial (505)	N/A	\$0.66299	(\$0.00285)	\$0.66014	-0.43%
4	Industrial Lg Vol (511)	N/A	\$0.67472	(\$0.00285)	\$0.67187	-0.42%
5	Interruptible (570)	N/A	\$0.62042	(\$0.00216)	\$0.61825	-0.35%

* The large variation among customers in the Industrial and Interruptible customer classes renders average consumption numbers meaningless, therefore only per therm figures have been listed.

Cascade Natural Gas Corporation
PGA DERIVATION OF PROPOSED RATE ADJUSTMENT
State of Washington

Line No.	Revised Description	503 Residential Customers	504 Commercial Customers	505/511 Firm Indust Customers	570 Interruptible Customers
1	WACOG Effective November 1, 2019	\$0.43833	\$0.43558	\$0.42197	\$0.40840
	<u>Proposed Incremental Change</u>				
2	Residential	(\$0.00367)			
3	Commercial		(\$0.00354)		
4	Industrial Firm			(\$0.00285)	
5	Interruptible - CORE				(\$0.00216)
6	NON-CORE Customers				
7	Total Proposed Rate	\$0.43466	\$0.43204	\$0.41912	\$0.40624
	Schedule 595 - WACOG	(0.00367)	(0.00354)	(0.00285)	(0.00216)

Cascade Natural Gas Corporation
TTA CALCULATION OF PER THERM RATES TO AMORTIZE DEFERRED ACCOUNTS
State of Washington

Line No.	Consolidated Account (a)	Account Balance 7/31/2020 (b)	Interest Assignments & Amortization through 10/31/2020 (c)	Revenue Sensitive costs (d)	Interest Accruals Through Am. (e)	Amount (f)	PROPOSED TECH. ADJUSTMENTS			Proposed Period of Am. (j)	Item (k)
							CORE		NONCORE		
						503/504 (g)	All Other Core (h)	R/S 663 Commodity (i)			
1	Core Gas Cost	\$ 37,208,318	\$ (1,838,638)	\$ 1,613,193	\$ 1,105,594	\$ 38,088,466					
2					Divide by	520,653,708	\$ 0.07316	\$ 0.07316		1 Year	Core Gas Deferrals Core
3											
4											
5											
6											
9	TOTAL	\$ 37,208,318	\$ (1,838,638)	\$ 1,613,193	\$ 1,105,594	\$ 38,088,466	\$ 0.07316	\$ 0.07316	\$ -		

Cascade Natural Gas Corporation
TTA DERIVATION OF PROPOSED RATE LEVEL WITHIN
RATE ADDITION SCHEDULE NO. 590
State of Washington

Description (a)	Rate Schedul e (b)	Reverse Prior Temporary Rate Adj. (c)	Gas Cost Related Temporary Rate Adj. (d)	Incremental R/S 590 Rate Change (e)	Posted R/S 590 Tariff Rate (f)
CORE MARKET RATE SCHEDULES					
Residential	503	\$ (0.05915)	\$0.07316	\$ 0.01401	\$ 0.07316
Commercial	504	\$ (0.05915)	\$0.07316	\$ 0.01401	\$ 0.07316
Com-Ind Dual Service	511	\$ (0.05915)	\$0.07316	\$ 0.01401	\$ 0.07316
Industrial Firm	505	\$ (0.05915)	\$0.07316	\$ 0.01401	\$ 0.07316
Industrial Interr.	570	\$ (0.05915)	\$0.07316	\$ 0.01401	\$ 0.07316
TTA Proposed Typical Monthly Bill by Class					
Distribution	663	\$ -	\$ -	\$ -	\$ -
Transportation	685/686	\$ -	\$ -	\$ -	\$ -
Special Contract	9xx	\$ -	\$ -	\$ -	\$ -

(c) from 2018 TTA Exhibit A , Page 7 of 11

(d) from TTA Exhibit A, Page 7 of 11

Cascade Natural Gas Corporation
TTA AMOUNT OF CHANGE BY RATE SCHEDULE
BASED UPON THE TWELVE MONTHS ENDED 7/31/2020
State of Washington

Line No.	Description (a)	Rate Schedule (b)	Average # of Bills (c)	Forecasted Therms Sold (d)	Actual Revenue (e)	Per Therm TTA Change (f)	Amount of Change (g)	Percentage Change (h)
CORE MARKET RATE SCHEDULES								
1	Residential	503	193,657	127,118,966	129,784,520	\$ 0.01401	\$ 1,780,937	1.37%
2	Commercial	504	26,658	88,299,944	79,262,368	\$ 0.01401	\$ 1,237,082	1.56%
3	Industrial Firm	505	480	14,482,050	9,601,453	\$ 0.01401	\$ 202,894	2.11%
4	Large Volume	511	98	27,088,723	18,277,286	\$ 0.01401	\$ 379,513	2.08%
5	Industrial Interruptible	570	8	2,291,417	1,421,635	\$ 0.01401	\$ 32,103	2.26%
6	TTA Proposed Typical Monthly Bill by C		220,901	259,281,100	238,347,262		\$ 3,632,528	
NONCORE MARKET RATE SCHEDULES								
7	Pipeline Transportation	685/686		-	-	\$ -	\$ -	
8	Distribution	663	188	629,818,145	20,168,203	\$ -	\$ -	0.00%
9	Special Contracts	9xx	7	216,766,399	4,441,400			
10	Subtotal Non-core		195	846,584,544	24,609,603		\$ -	
11	CORE & NON-CORE		221,096	1,105,865,644	262,956,865		\$ 3,632,528	1.38%

Cascade Natural Gas Corporation
TTA TYPICAL MONTHLY THERM USAGE AND COST BY CLASS
FOR TWELVE MONTHS ENDED 7/31/2020
State of Washington

Line No.	Description (a)	Therm Sales (b)	Revenue at 11/01/2019 Rates (c)	Per Therm Rate Change (d)	Amount of Change (e)	Percent Change (f)
1	Residential (503)	127,118,966	129,784,520	\$ 0.01401	1,780,937	1.37%
2	Commercial (504)	88,299,944	79,262,368	\$ 0.01401	1,237,082	1.56%
3	Industrial (505)	14,482,050	9,601,453	\$ 0.01401	202,894	2.11%
4	Industrial Lg Vol (511)	27,088,723	18,277,286	\$ 0.01401	379,513	2.08%
5	Interruptible (570)	2,291,417	1,421,635	\$ 0.01401	32,103	2.26%
6	Noncore Dist (663)	629,818,145	20,168,203	\$ -	0	0.00%

Cascade Natural Gas Corporation
TTA PROPOSED TYPICAL MONTHLY BILL BY CLASS
FOR TWELVE MONTHS ENDED 7/31/2020
State of Washington

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Line No.	Description (a)	Typical Monthly Therm Use (b)	Avg Bill @ 11/01/2019 Rates (c)	Present Filing Changes (d)	Proposed Typical Bill (e)	Percent Change (f)
1	Residential (503)	56	\$ 55.85	\$ 0.78	\$ 56.63	1.40%
2	Commercial (504)	290	\$ 247.78	\$ 4.06	\$ 251.84	1.64%
3	Industrial (505)	N/A*	\$ 0.66299	\$ 0.01401	\$ 0.67700	2.11%
4	Industrial Lg Vol (511)	N/A*	\$ 0.67472	\$ 0.01401	\$ 0.68873	2.08%
5	Interruptible (570)	N/A*	\$ 0.62042	\$ 0.01401	\$ 0.63443	2.26%
6	Noncore Dist (663)	N/A*	\$ 0.03202	\$ -	\$ 0.03202	0.00%

**The large variation among customers in the Industrial, Interruptible, and Noncore customer classes renders average consumption numbers meaningless, therefore only per-therm figures have been listed*