

EXHIBIT A

BEFORE THE
WASHINGTON UTILITIES & TRANSPORTATION COMMISSION

CASCADE NATURAL GAS CORPORATION

Decoupling Mechanism Adjustments

CNGC WUTC Advice No. W21-09-03

September 15, 2021

CASCADE NATURAL GAS CORPORATION

EXHIBIT A

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

Line No.	Consolidated Account (a)	Account Balance 12/31/2020 (b)	Assignments & Amortization through 10/31/2021 (c)	Interest Accruals Through Am. (d)	Amount (e)	503 (g)	504 (h)	505 (i)	511 (j)	570 (l)	Proposed Period of Am. (n)	
						130,679,417	89,120,218	11,930,578	17,432,493	2,264,179		
1	503	\$ 456,198	\$ 930,387	\$ 17,671.34	\$ 1,404,256	0.01075					1 Year	Decoupling Mechanism
2	504	\$ 702,020	\$ 1,713,078	\$ 32,308.81	\$ 2,447,407		\$ 0.02746				1 Year	Decoupling Mechanism
3	505	\$ (59,720)	\$ 145,076	\$ 1,382.02	\$ 86,738			\$ 0.00727			1 Year	Decoupling Mechanism
4	511	\$ (1,159,684)	\$ 236,203	\$ (14,886.90)	\$ (938,367)				\$ (0.05383)		1 Year	Decoupling Mechanism
5	570	\$ 26,577	\$ (20,297)	\$ 97.66	\$ 6,377					\$ 0.002817	1 Year	Decoupling Mechanism
6	TOTAL	\$ (34,609)	\$ 3,004,447	\$ 36,573	\$ 3,006,411	\$ 0.01075	\$ 0.02746	\$ 0.00727	\$ (0.05383)	\$ 0.00282		
				3% Test Rate Adjustment (1)		\$0.00000	(\$0.02427)	\$0.00000	\$0.00000	\$0.00000		
				Final Proposed Decoupling Rate		\$0.01075	\$0.00319	\$0.00727	(\$0.05383)	\$0.00282		

Notes

(1) See page 6 Exhibit A for earnings test and 3% test adjustment calculations.

Cascade Natural Gas Corporation
DERIVATION OF PROPOSED RATE LEVEL WITHIN
RATE ADDITION SCHEDULE NO. 594
State of Washington

Description (a)	Rate Schedule (b)	Reverse Prior Decoupling Rate Adj. (c)	Decoupling Related Temporary Rate Adj. (d)	Incremental R/S 594 Rate Change (e)	Posted R/S 594 Tariff Rate (f)
CORE MARKET RATE SCHEDULES					
Residential	503	\$ 0.00910	\$ 0.01075	\$ 0.01985	\$ 0.01075
Commercial	504	\$ 0.02414	\$ 0.00319	\$ 0.02733	\$ 0.00319
Com-Ind Dual Service	511	\$ 0.01908	\$ (0.05383)	\$ (0.03475)	\$ (0.05383)
Industrial Firm	505	\$ 0.01417	\$ 0.00727	\$ 0.02144	\$ 0.00727
Industrial Interr.	570	\$ (0.01199)	\$ 0.00282	\$ (0.00917)	\$ 0.00282

Line No.	Description (a)	Rate Schedule (b)	Average # of Bills (c)	Forecasted Therms Sold (d)	Actual Revenue (e)	Per Therm Decoupling Change (f)	Amount of Change (g)	Percentage Change (h)
CORE MARKET RATE SCHEDULES								
1	Residential	503	197,371	130,679,417	132,980,825	\$ 0.01985	\$ 2,593,464	1.95%
2	Commercial	504	26,933	89,120,218	81,203,573	\$ 0.02733	\$ 2,435,834	3.00%
3	Industrial Firm	505	484	11,930,578	8,959,376	\$ 0.02144	\$ 255,792	2.86%
4	Large Volume	511	95	17,432,493	12,092,638	\$ (0.03475)	\$ (605,762)	-5.01%
5	Industrial Interruptible	570	7	2,264,179	1,392,481	\$ (0.00917)	\$ (20,769)	-1.49%
6			224,890	251,426,886	236,628,892		\$ 4,658,558	1.97%
7		685/686		-	-	\$ -	\$ -	
8	Distribution	663	196	699,506,305	22,632,554	\$ -	\$ -	0.00%
9	Special Contracts	9xx	6	192,707,530	3,908,394	\$ -	\$ -	
10	Subtotal Non-core		202	892,213,835	26,540,948		\$ -	
11	CORE & NON-CORE		225,092	1,143,640,721	263,169,840		\$ 4,658,558	1.77%

Cascade Natural Gas Corporation
DMA TYPICAL MONTHLY THERM USAGE AND COST BY CLASS
FOR TWELVE MONTHS ENDED 12/31/2020
State of Washington

Line No.	Description (a)	Therm Sales (b)	Revenue at 11/01/2020 Rates (c)	Per Therm Rate Change (d)	Amount of Change (e)	Percent Change (f)
1	Residential (503)	130,679,417	132,980,825	\$ 0.01985	2,593,464	1.95%
2	Commercial (504)	89,120,218	81,203,573	\$ 0.02733	2,435,834	3.00%
3	Industrial (505)	11,930,578	8,959,376	\$ 0.02144	255,792	2.86%
4	Industrial Lg Vol (511)	17,432,493	12,092,638	\$ (0.03475)	(605,762)	-5.01%
5	Interruptible (570)	2,264,179	1,392,481	\$ (0.00917)	(20,769)	-1.49%

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

Line No.	Type of Service	UG-200568		Current	7/1/2021	Proposed	Proposed	Bill Difference	Proposed
		Typical Monthly Therm Used	Basic Service Charge	7/1/2021 Billing Rate	7/1/2021 Current Average Bill	11/1/2021 DMA Effects	11/1/2021 DMA Effect Average Bill		11/1/2021 DMA Effects % Bill Change
	(a)	(b)	(c)	(d)	(e)	(f)	(g)		
1	Residential, Schedule 503	56	\$5	\$0.91169	\$56.05	\$0.93154	\$57.17	\$1.11	1.98%
2	Commercial, Schedule 504	290	\$13	\$0.84413	\$257.80	\$0.87146	\$265.72	\$7.93	3.07%
3	Industrial Firm, Schedule 505		\$60						
4	First 500 therms			\$0.78232		\$0.80376			
5	Next 3,500 therms			\$0.74555		\$0.76699			
6	Over 4,000 therms			\$0.73999		\$0.76143			
7	Total 505	2,273			\$1,773.02		\$1,821.75	\$48.73	2.75%
8	Com-Ind Dual Service, Schedule 511		\$125						
9	First 500 therms			\$0.73584		\$0.70109			
11	Next 3,500 therms			\$0.69960		\$0.66485			
12	Over 4,000 therms			\$0.60995		\$0.57520			
13	Total 511	14,356			\$9,258.16		\$8,759.31	-\$498.86	-5.39%
14	Industrial Interruptible, Schedule 570		\$163						
15	First 30,000 therms			\$0.68492		\$0.67575			
16	Over 30,000 therms			\$0.62374		\$0.61457			
17	Total 570	24,313			\$16,815.46		\$16,592.44	-\$223.02	-1.33%

2020 Commission Basis Earnings Test for Decoupling

Line No.		Natural Gas
1	Rate Base	\$ 420,487,637
2	Net Income	\$ 24,683,914
3	Calculated ROR	5.87%
4	Base ROR	7.24%
5	Excess ROR	-1.37%
6	Excess Earnings	\$ -
7	Conversion Factor	0.75554
8	Excess Revenue (Excess Earnings/CF)	\$ -
9	Sharing %	50%
10	2020 Total Earnings Test Sharing	\$ -
11	Adjusted Revenues from CBR	\$ 265,512,253
12	2021 Decoupling Deferral Balance	\$ 3,006,411
13	Earnings Test	1.13%

3% Incremental Surcharge Test

Line No.		Residential 503	Commerical 504	Industrial 505	Com-Ind 511	Indust. Interr. 570	Total WA
1	Revenue From 2020 Normalized Loads and Customers at Present Billing Rates (1)	\$ 132,980,825	\$ 81,203,573	\$ 8,959,376	\$ 12,092,638	\$ 1,392,481	\$ 236,628,892
2	August 2021 - July 2022 Usage	130,679,417	89,120,218	11,930,578	17,432,493	2,264,179	251,426,886
3	Proposed Decoupling Recovery Rates	\$0.01075	\$0.02746	\$0.00727	(\$0.05383)	\$0.00282	
4	Present Decoupling Surcharge Recovery Rates	(0.00910)	(0.02414)	(0.01417)	(0.01908)	0.01199	
5	Incremental Decoupling Recovery Rates	\$0.01985	\$0.05160	\$0.02144	(\$0.03475)	(\$0.00917)	
6	Incremental Decoupling Recovery	\$ 2,593,464	\$ 4,598,782	\$ 255,792	\$ (605,762)	\$ (20,769)	\$ 6,821,506
7	Incremental Surcharge %	1.95%	5.66%	2.86%	-5.01%	-1.49%	
8	3% Test Adjustment (2)	\$0	(\$2,162,674)	\$0	\$0	\$0	
9	3% Test Rate Adjustment	\$0.00000	(\$0.02427)	\$0.00000	\$0.00000	\$0.00000	
10	Adjusted Proposed Decoupling Recovery Rates	\$0.01075	\$0.00319	\$0.00727	(\$0.05383)	\$0.00282	
11	Adjusted Incremental Decoupling Recovery	\$ 2,593,464	\$ 2,435,834	\$ 255,792	\$ (605,762)	\$ (20,769)	\$ 4,658,558
12	Adjusted Incremental Surcharge %	1.95%	3.00%	2.86%	-5.01%	-1.49%	

Notes:

- (1) Revenue from 2020 normalized loads and customers at present billing rates effective since November 1, 2020.
(2) The carryover balances will differ from the 3% adjustment amounts due to the revenue related expense gross up partially offset by additional interest on the outstanding balance during the amortization period.