

EXHIBIT A

BEFORE THE
WASHINGTON UTILITIES & TRANSPORTATION COMMISSION

CASCADE NATURAL GAS CORPORATION

Excess Deferred Income Tax

CNGC WUTC Advice No. W21-09-04 / UG-_____

September 15, 2021

CASCADE NATURAL GAS CORPORATION

EXHIBIT A

TABLE OF CONTENTS

<u>Description</u>	<u>Page</u>
2021 Protected Rate Allocation	1
Protected Amount of Change by Rate Schedule Protected	2
Proposed Proposed Typical Monthly Bill by Class	3
Protected Derivation of Proposed Rate Adjustment	4
2021 Unprotected Tax Cost Allocation	5
Unprotected Tax Amount of Change by Rate Schedule	6
Unprotected Tax Proposed Typical Monthly Bill by Class	7
Unprotected Tax Derivation of Proposed Rate Adjustment	8

CASCADE NATURAL GAS CORPORATION
2021 Protected Rate Allocation

W21-09-04
 Protected Exhibit A
 Page 1 of 8

	Current	Proposed
Protected	\$ (1,929,304)	\$ (2,005,702)

Rate Schedule	503	504	505	511	570	663	Total
Current Sch 581 Rates	(0.00718)	(0.00552)	(0.00349)	(0.00287)	(0.00106)	(0.00063)	
% change (same for each sch)	2.07384%	2.07384%	2.07384%	2.07384%	2.07384%	2.07384%	
Proposed Rate Increment	\$ (0.00733)	\$ (0.00563)	\$ (0.00356)	\$ (0.00293)	\$ (0.00108)	\$ (0.00064)	
Proposed Tax Costs Refunded	\$ (957,737)	\$ (502,146)	\$ (42,473)	\$ (51,069)	\$ (2,450)	\$ (449,828)	\$ (2,005,702)
Proposed Rate Adjustment	\$ (0.00015)	\$ (0.00011)	\$ (0.00007)	\$ (0.00006)	\$ (0.00002)	\$ (0.00001)	
Proposed Volumes	130,679,417	89,120,218	11,930,578	17,432,493	2,264,179	699,506,305	950,933,191

Cascade Natural Gas Corporation
Protected Amount of Change By Rate Schedule
Based Upon the Twelve Months Ended 7/31/21
State of Washington

Line No.	Description (a)	Rate Schedule (b)	Average # of Bills (c)	Forecasted Therms Sold (d)	Actual Revenue (e)	Per Therm Cost Change (f)	Amount of Change (g)	Percentage Change (h)
CORE MARKET RATE SCHEDULES								
1	Residential	503	197,371	130,679,417	132,980,825	(0.00015)	(19,458.40)	-0.01%
2	Commercial	504	26,933	89,120,218	81,203,572	(0.00011)	(10,202.00)	-0.01%
3	Industrial Firm	505	484	11,930,578	8,959,376	(0.00007)	(835.14)	-0.01%
4	Large Volume	511	95	17,432,493	12,092,638	(0.00006)	(1,037.57)	-0.01%
5	Industrial Interruptible	570	7	2,264,179	1,392,481	(0.00002)	(49.77)	0.00%
6	Subtotal Core		224,890	251,426,886	236,628,892		(31,583)	-0.01%
NONCORE MARKET RATE SCHEDULES								
NONCORE MARKET RATE SCHEDULES								
7	Distribution	663	196	699,506,305	22,632,554	\$ (0.00001)	(9,139)	-0.04%
8	Special Contracts	9xx	6	192,707,530	3,908,394	\$ -		
9	Subtotal Non-core		202	892,213,835	26,540,948		(9,139)	
10	CORE & NON-CORE		225,092	1,143,640,721	263,169,840		(40,722)	-0.02%

Cascade Natural Gas Corporation
PROTECTED 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 11/1/2021 Protected Effects % Bill Change
		Typical Monthly Therm Used	Basic Service Charge	7/1/2021 Billing Rates	Current Average Bill $e=c+(b*d)$	11/1/2021 Protected Effect:	11/1/2021 Average Bill $g=c+(b*f)$		
	(a)	(b)	(c)	(d)	(e)	(f)	(g)		
1	Residential, Schedule 503	56	\$5	\$0.91169	\$56.05	\$0.91154	\$56.05	-\$0.01	-0.01%
2	Commercial, Schedule 504	290	\$13	\$0.84413	\$257.80	\$0.84402	\$257.76	-\$0.03	-0.01%
3	Industrial Firm, Schedule 505		\$60						
4	First 500 therms			\$0.78232		\$0.78225			
5	Next 3,500 therms			\$0.74555		\$0.74548			
6	Over 4,000 therms			\$0.73999		\$0.73992			
7	Total 505	2,273			\$1,773.02		\$1,772.86	-\$0.16	-0.01%
8	Com-Ind Dual Service, Schedule 511		\$125						
9	First 500 therms			\$0.73584		\$0.73578			
11	Next 3,500 therms			\$0.69960		\$0.69954			
12	Over 4,000 therms			\$0.60995		\$0.60989			
13	Total 511	14,356			\$9,258.16		\$9,257.31	-\$0.85	-0.01%
14	Industrial Interruptible, Schedule 570		\$163						
15	First 30,000 therms			\$0.68492		\$0.68490			
16	Over 30,000 therms			\$0.62374		\$0.62372			
17	Total 570	24,313			\$16,815.46		\$16,814.93	-\$0.53	0.00%
18	Transport, Schedule 663		\$625						
19	First 100,000 therms			\$0.05987		\$0.05986			
20	Next 200,000 therms			\$0.02318		\$0.02317			
21	Next 200,000 therms			\$0.01492		\$0.01491			
22	Over 500,000 therms			\$0.00820		\$0.00819			
23	663 Total	285,214			\$10,905.00		\$10,901.27	-\$3.73	-0.03%

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

Line No.	Revised Description	503 Residential Customers	504 Commercial Customers	505 Firm Indust Customers	511 Large Vol Customers	570 Interruptible Customers	663 Dist. Trans. Service Customers
1	Protected Rate Effective 11/1/2020	(\$0.00718)	(\$0.00552)	(\$0.00349)	(\$0.00287)	(\$0.00106)	(\$0.00063)
<u>Proposed Incremental Change</u>							
2	Residential (503)	(\$0.00015)					
3	Commercial (504)		(\$0.00011)				
4	Firm Industrial (505)			(\$0.00007)			
5	Large Vol Service (511)				(\$0.00006)		
6	Interruptible (570)					(\$0.00002)	
7	Transpotration Service (663)						(\$0.00001)
	Total Proposed Rate - Schedule 581	(\$0.00733)	(\$0.00563)	(\$0.00356)	(\$0.00293)	(\$0.00108)	(\$0.00064)

CASCADE NATURAL GAS CORPORATION
2021 Unprotected Tax Cost Allocation

	Current	Proposed
Unprotected	\$ (1,004,478)	\$ (743,418)

Rate Schedule	503	504	505	511	570	663	Total
Current Unpro. Tax Rates	(0.00376)	(0.00287)	(0.00182)	(0.00150)	(0.00055)	(0.00032)	
% change (same for each sch)	-27.12155%	-27.12155%	-27.12155%	-27.12155%	-27.12155%	-27.12155%	
Proposed Tax Increment	\$ (0.00274)	\$ (0.00209)	\$ (0.00133)	\$ (0.00109)	\$ (0.00040)	\$ (0.00023)	
Proposed Tax Costs Collected	\$ (358,092)	\$ (186,405)	\$ (15,825)	\$ (19,057)	\$ (908)	\$ (163,133)	\$ (743,418)
Proposed Rate Adjustment	0.00102	0.00078	0.00049	0.00041	0.00015	0.00009	
Proposed Volumes	130,679,417	89,120,218	11,930,578	17,432,493	2,264,179	699,506,305	950,933,191

Cascade Natural Gas Corporation
UNPROTECTED TAX AMOUNT OF CHANGE BY RATE SCHEDULE
Based Upon the Twelve Months Ended 7/31/21
State of Washington

Line No.	Description (a)	Rate Schedule (b)	Average # of Bills (c)	Forecasted Therms Sold (d)	Actual Revenue (e)	Per Therm Tax Change (g)	Amount of Change (h)	Percentage Change (h)
CORE MARKET RATE SCHEDULES								
1	Residential	503	197,371	130,679,417	132,980,825	0.00102	133,262.99	0.10%
2	Commercial	504	26,933	89,120,218	81,203,572	0.00078	69,370.00	0.09%
3	Industrial Firm	505	484	11,930,578	8,959,376	0.00049	5,889.08	0.07%
4	Large Volume	511	95	17,432,493	12,092,638	0.00041	7,091.94	0.06%
5	Industrial Interruptible	570	7	2,264,179	1,392,481	0.00015	337.74	0.02%
6	Subtotal Core		224,890	251,426,886	236,628,892		215,952	0.09%
NONCORE MARKET RATE SCHEDULES								
7	Distribution	663	196	699,506,305	22,632,554	0.00009	60,709	0.27%
8	Special Contracts	9xx	6	192,707,530	3,908,394	-		
9	Subtotal Non-core		202	892,213,835	26,540,948		60,709	
10	CORE & NON-CORE		225,092	1,143,640,721	263,169,840		276,661	0.11%

Cascade Natural Gas Corporation
UPT 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 11/1/2021 UPT Effects % Bill Change
		Typical Monthly Therm Used	Basic Service Charge	7/1/2021 Billing Rates	Current Average Bill $e=c+(b*d)$	11/1/2021 UPT Effects	11/1/2021 UPT Effect Average Bill $g=c+(b*f)$		
	(a)	(b)	(c)	(d)	(e)	(f)	(g)		
1	Residential, Schedule 503	56	\$5	\$0.91169	\$56.05	\$0.91271	\$56.11	\$0.06	0.10%
2	Commercial, Schedule 504	290	\$13	\$0.84413	\$257.80	\$0.84491	\$258.02	\$0.23	0.09%
3	Industrial Firm, Schedule 505		\$60						
4	First 500 therms			\$0.78232		\$0.78281			
5	Next 3,500 therms			\$0.74555		\$0.74604			
6	Over 4,000 therms			\$0.73999		\$0.74048			
7	Total 505	2,273			\$1,773.02		\$1,774.14	\$1.12	0.06%
8	Com-Ind Dual Service, Schedule 511		\$125						
9	First 500 therms			\$0.73584		\$0.73625			
11	Next 3,500 therms			\$0.69960		\$0.70001			
12	Over 4,000 therms			\$0.60995		\$0.61036			
13	Total 511	14,356			\$9,258.16		\$9,264.00	\$5.84	0.06%
14	Industrial Interruptible, Schedule 570		\$163						
15	First 30,000 therms			\$0.68492		\$0.68507			
16	Over 30,000 therms			\$0.62374		\$0.62389			
17	Total 570	24,313			\$16,815.46		\$16,819.09	\$3.63	0.02%
18	Transport, Schedule 663		\$625						
19	First 100,000 therms			\$0.05987		\$0.05996			
20	Next 200,000 therms			\$0.02318		\$0.02327			
21	Next 200,000 therms			\$0.01492		\$0.01501			
22	Over 500,000 therms			\$0.00820		\$0.00829			
23	663 Total	285,214			\$10,905.00		\$10,929.75	\$24.75	0.23%

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

Line No.	Revised Description	503 Residential Customers	504 Commercial Customers	505 Firm Indust Customers	511 Lrg Volume Customers	570 Interruptible Customers	663 Distribution Customers
1	Unprotected Rate Adjustment Effective 11/1/2020	(\$0.00376)	(\$0.00287)	(\$0.00182)	(\$0.00150)	(\$0.00055)	(\$0.00032)
	<u>Proposed Incremental Change</u>						
2	Residential	0.00102					
3	Commercial		0.00078				
4	Industrial Firm			0.00049			
5	Large Volume				0.00041		
6	Interruptible - CORE					0.00015	
7	Non-Core Customers						0.00009
8	Total Proposed Rate - Schedule 582	(\$0.00274)	(\$0.00209)	(\$0.00133)	(\$0.00109)	(\$0.00040)	(\$0.00023)