

EXHIBIT A

BEFORE THE
WASHINGTON UTILITIES & TRANSPORTATION COMMISSION

CASCADE NATURAL GAS CORPORATION

Annual Purchased Gas Cost and
Temporary Technical Adjustments

CNGC WUTC Advice No.
W24-09-01 September 13, 2024

CASCADE NATURAL GAS CORPORATION

EXHIBIT A

TABLE OF CONTENTS

<u>Description</u>	<u>Page</u>
Summary-WA Gas Cost Tracking	1-2
2024 PGA Gas Demand Cost Allocation	3
PGA Amount of Change by Rate Schedule	4
PGA Proposed Typical Monthly Bill by Class	5
PGA Derivation of Proposed Rate Adjustment	6
TTA Calculation of Per Therm Rates to Amortize Deferred Accounts	7
TTA Derivation of Proposed Rate Level Within	8
TTA Amount of Change by Rate Schedule	9
TTA Proposed Typical Monthly Bill by Class	10

Shaded means requires manual entry from Prior Year Washington PGA Gas Cost Workbook

	UNITS	RATE	AMOUNT	CURRENT COST OF GAS	
				COMMODITY	DEMAND
CANADIAN UPSTREAM RESV COSTS	264,336	\$15.643356	\$4,135,110		\$4,135,110
DOMESTIC UPSTREAM NON-DIRECT RESV COSTS	16,181	\$13.575000	\$219,653		\$219,653
SUPPLY DEMAND CHARGES			\$50,369	\$50,369	
COMPANY CONTRACT SUPPLY COMMODITY	230,944,665	\$0.433566	\$100,129,781	\$100,129,781	
GTN T-1 Agmt 00179	103,112	\$7.929364	\$817,615		\$817,615
GTNX #20180 November 1, 2023	21,574	\$10.248000	\$221,093		\$221,093
GTN T-1 (Malin) Agmt 18507	10,787	\$4.530838	\$48,875		\$48,875
GTN T-3 (Expansion) Agmt 00152	0	\$3.495918	\$0		\$0
GTN 2003 Expansion Agmt 08844	0	\$4.530838	\$0		\$0
GTN South to North Agmt 12094	16,181	\$4.361305	\$70,569		\$70,569
GTN COMMODITY	44,429,765	\$0.002861	\$127,122	\$127,122	
NWP TF-1 100002 (principle transport--All Rec/All Del contract)	1,812,119	\$13.633500	\$24,790,647		\$24,790,647
NWP TF-1 Direct to Washington	292,160	\$13.633500	\$3,983,163		\$3,983,163
NWP TF-1 Split to specific OR and WA points	441,614	\$13.633500	\$6,020,748		\$6,020,748
NWP TF-1 Weyerhaeuser	50,000	\$13.633500	\$681,675		\$681,675
TF-1 COMMODITY	259,295,142	\$0.001085	\$281,335	\$281,335	
PLY-1 DEMAND	535,277	\$1.147776	\$614,378		\$614,378
PLY-1 CAPACITY	5,015,548	\$0.146766	\$736,112		\$736,112
PLY-1 STORAGE COMMODITY	5,015,548	\$0.403950	\$2,026,028	\$2,026,028	
PLY-1 INVENTORY	5,015,548	\$0.024277	\$121,764		\$121,764
PLY-1 LIQUEFACTION	5,015,548	\$0.058646	\$294,142		\$294,142
PLY-1 VAPORIZATION	5,015,548	\$0.007272	\$36,473		\$36,473
TF-2 TRANSPORTATION CAPACITY	13,704	\$13.633500	\$186,829		\$186,829
TF-2 TRANSPORTATION COMMODITY	5,015,548	\$0.000935	\$4,690	\$4,690	
PLY-2 DEMAND	161,698	\$1.147776	\$185,593		\$185,593
PLY-2 CAPACITY	892,129	\$0.146766	\$130,934		\$130,934
PLY-2 STORAGE COMMODITY	892,129	\$0.582610	\$519,763	\$519,763	
PLY-2 INVENTORY	892,129	\$0.035015	\$31,238		\$31,238
PLY-2 LIQUEFACTION	892,129	\$0.058646	\$52,320		\$52,320
PLY-2 VAPORIZATION	892,129	\$0.007272	\$6,488		\$6,488
TF-2 TRANSPORTATION CAPACITY	2,438	\$13.633500	\$33,232		\$33,232
TF-2 TRANSPORTATION COMMODITY	892,129	\$0.000935	\$834	\$834	
JP-1 DEMAND	149,780	\$0.812520	\$121,699		\$121,699
JP-1 CAPACITY	5,391,589	\$0.029646	\$159,839		\$159,839
JP-1 STORAGE COMMODITY	5,391,589	\$0.255473	\$1,377,404	\$1,377,404	
JP-1 INVENTORY	5,391,589	\$0.015354	\$82,782		\$82,782
TF-2 TRANSPORTATION CAPACITY	14,731	\$13.633500	\$200,837		\$200,837
TF-2 TRANSPORTATION COMMODITY	5,391,589	\$0.000935	\$5,041	\$5,041	
JP-2 DEMAND	267,639	\$1.241838	\$332,364		\$332,364
JP-2 CAPACITY	3,122,451	\$0.106506	\$332,560		\$332,560
JP-2 STORAGE COMMODITY	3,122,451	\$0.320022	\$999,254	\$999,254	
JP-2 INVENTORY	3,122,451	\$0.019233	\$60,055		\$60,055
TF-1 TRANSPORTATION CAPACITY	8,531	\$13.633500	\$116,311		\$116,311
TF-1 TRANSPORTATION COMMODITY	3,122,451	\$0.000935	\$2,919	\$2,919	
JP-3 DEMAND	54,215	\$0.812520	\$44,051		\$44,051
JP-3 CAPACITY	1,592,093	\$0.029646	\$47,199		\$47,199
JP-3 STORAGE COMMODITY	1,592,093	\$0.253811	\$404,092	\$404,092	
JP-3 INVENTORY	1,592,093	\$0.015254	\$24,286		\$24,286
TF-2 TRANSPORTATION CAPACITY	4,350	\$13.633500	\$59,305		\$59,305
TF-2 TRANSPORTATION COMMODITY	1,592,093	\$0.000935	\$1,489	\$1,489	
JP-4 DEMAND	31,225	\$0.812520	\$25,371		\$25,371
JP-4 CAPACITY	916,948	\$0.029646	\$27,184		\$27,184
JP-4 STORAGE COMMODITY	916,948	\$0.289617	\$265,563	\$265,563	
JP-4 INVENTORY	916,948	\$0.017406	\$15,960		\$15,960
TF-2 TRANSPORTATION CAPACITY	2,505	\$13.633500	\$34,156		\$34,156
TF-2 TRANSPORTATION COMMODITY	916,948	\$0.000935	\$857	\$857	
MIST DEMAND	267,639	\$5.573400	\$1,491,657		\$1,491,657
MIST CAPACITY	5,352,773	\$0.067440	\$360,991		\$360,991
MIST STORAGE COMMODITY	5,352,773	\$0.310786	\$1,663,563	\$1,663,563	
MIST INVENTORY	5,352,773	\$0.018678	\$99,980		\$99,980
TRANSPORTATION CAPACITY	14,625	\$13.633500	\$199,391		\$199,391
TRANSPORTATION COMMODITY	5,352,773	\$0.000935	\$5,005	\$5,005	
MIST2 DEMAND	178,426	\$4.472620	\$798,031		\$798,031
MIST2 CAPACITY	9,278,140	\$0.060164	\$558,214		\$558,214
MIST2 STORAGE COMMODITY	9,278,140	\$0.351381	\$3,260,160	\$3,260,160	
MIST2 INVENTORY	9,278,140	\$0.021118	\$195,936		\$195,936
TRANSPORTATION CAPACITY	25,350	\$13.633500	\$345,611		\$345,611
TRANSPORTATION COMMODITY	9,278,140	\$0.000935	\$8,675	\$8,675	
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)			(\$3,853,759)		(\$3,853,759)
DAILY BALANCING NON-CORE CREDIT	841,988,357	(\$0.00040)	(\$336,795)		(\$336,795)
WA COMMODITY VOLUMES FOR CORE RESOURCES	262,506,335		\$156,095,808	\$111,133,944	\$44,961,864

	UNITS	CURRENT RATE	AMOUNT	CURRENT COST OF GAS		EMBEDDED DIFFERENCE	COMMODITY UNITS
				COMMODITY	DEMAND		
CANADIAN UPSTREAM RESV COSTS	266,219	\$15.15107	\$4,033,499		\$4,033,499	(\$101,611)	
DOMESTIC UPSTREAM NON-DIRECT RESV COSTS	919,154	\$0.69131	\$635,417		\$635,417	\$ 415,764	
HEDGING ADMIN COSTS			\$87,592		\$87,592	\$37,223	
COMPANY CONTRACT SUPPLY COMMODITY	247,619,118	\$0.47827	\$ 118,427,889	\$ 118,427,889		\$ 18,298,108	247,619,118
GTN T-1 Agmt 00179	102,747	\$7.69174	\$790,307		\$790,307	\$ (27,308)	
GTNX #20180 November 1, 2023	22,205	\$11.31500	\$251,254		\$251,254	\$ 30,162	
GTN T-1 (Malin) Agmt 18507	11,103	\$4.36264	\$48,437		\$48,437	\$ (438)	
GTN T-3 (Expansion) Agmt 00152	0	\$3.39570	\$0		\$0	\$ -	
GTN 2003 Expansion Agmt 08844	0	\$4.36264	\$0		\$0	\$ -	
GTN South to North #13687	16,654	\$4.29621	\$71,549		\$71,549	\$ 980	
GTN COMMODITY	44,900,617	\$0.00341	\$152,981	\$152,981		\$25,858	
NWP TF-1 100002 (principle transport--All Rec/All Del contract)	1,805,708	\$13.59625	\$24,626,761		\$24,626,761	(\$163,886)	
NWP TF-1 Direct to Washington	292,160	\$13.59625	\$3,972,280		\$3,972,280	\$ (10,883)	
NWP TF-1 Split to specific OR and WA points	441,068	\$13.59625	\$5,996,869		\$5,996,869	\$ (23,879)	
NWP TF-1 Weyerhaeuser	50,000	\$13.59625	\$679,813		\$679,813	\$ (1,863)	
TF-1 COMMODITY	276,260,819	\$0.00108	\$296,980	\$296,980		\$ 15,645	
PLY-1 DEMAND	533,384	\$1.14464	\$610,532		\$610,532	\$ (3,846)	
PLY-1 CAPACITY	4,997,806	\$0.14637	\$731,504		\$731,504	\$ (4,608)	
PLY-1 STORAGE COMMODITY	4,997,806	\$0.42389	\$2,118,523	\$2,118,523		\$ 92,495	4,997,806
PLY-1 INVENTORY	4,997,806	\$0.025476	\$127,323		\$127,323	\$ 5,559	
PLY-1 LIQUEFACTION	4,997,806	\$0.05865	\$293,101		\$293,101	\$ (1,041)	
PLY-1 VAPORIZATION	4,997,806	\$0.00727	\$36,344		\$36,344	\$ (129)	
TF-2 TRANSPORTATION CAPACITY	13,693	\$13.59625	\$186,168		\$186,168	\$ (661)	
TF-2 TRANSPORTATION COMMODITY	4,997,806	\$0.00094	\$4,673	\$4,673		\$ (17)	
PLY-2 DEMAND	161,126	\$1.14464	\$184,432		\$184,432	\$ (1,162)	
PLY-2 CAPACITY	888,973	\$0.14637	\$130,115		\$130,115	\$ (820)	
PLY-2 STORAGE COMMODITY	888,973	\$0.52046	\$462,677	\$462,677		\$ (57,086)	888,973
PLY-2 INVENTORY	888,973	\$0.031280	\$27,807		\$27,807	\$ (3,431)	
PLY-2 LIQUEFACTION	888,973	\$0.05865	\$52,135		\$52,135	\$ (185)	
PLY-2 VAPORIZATION	888,973	\$0.00727	\$6,465		\$6,465	\$ (23)	
TF-2 TRANSPORTATION CAPACITY	2,436	\$13.59625	\$33,114		\$33,114	\$ (118)	
TF-2 TRANSPORTATION COMMODITY	888,973	\$0.00094	\$831	\$831		\$ (3)	
JP-1 DEMAND	149,250	\$0.81030	\$120,937		\$120,937	\$ (762)	
JP-1 CAPACITY	5,372,517	\$0.02957	\$158,838		\$158,838	\$ (1,001)	
JP-1 STORAGE COMMODITY	5,372,517	\$0.40428	\$2,171,983	\$2,171,983		\$794,579	5,372,517
JP-1 INVENTORY	5,372,517	\$0.024297	\$130,536		\$130,536	\$ 47,754	
TF-2 TRANSPORTATION CAPACITY	14,719	\$13.59625	\$200,126		\$200,126	\$ (710)	
TF-2 TRANSPORTATION COMMODITY	5,372,517	\$0.00094	\$5,023	\$5,023		\$ (18)	
JP-2 DEMAND	266,692	\$1.23845	\$330,283		\$330,283	\$ (2,081)	
JP-2 CAPACITY	3,111,405	\$0.10622	\$330,478		\$330,478	\$ (2,082)	
JP-2 STORAGE COMMODITY	3,111,405	\$0.22518	\$700,627	\$700,627		\$ (298,627)	3,111,405
JP-2 INVENTORY	3,111,405	\$0.013533	\$42,108		\$42,108	\$ (17,947)	
TF-1 TRANSPORTATION CAPACITY	8,524	\$13.59625	\$115,900		\$115,900	\$ (411)	
TF-1 TRANSPORTATION COMMODITY	3,111,405	\$0.00094	\$2,909	\$2,909		\$ (10)	
JP-3 DEMAND	54,023	\$0.81030	\$43,775		\$43,775	\$ (276)	
JP-3 CAPACITY	1,586,461	\$0.02957	\$46,904		\$46,904	\$ (295)	
JP-3 STORAGE COMMODITY	1,586,461	\$0.27470	\$435,800	\$435,800		\$ 31,708	1,586,461
JP-3 INVENTORY	1,586,461	\$0.016509	\$26,192		\$26,192	\$ 1,906	
TF-2 TRANSPORTATION CAPACITY	4,346	\$13.59625	\$59,096		\$59,096	\$ (210)	
TF-2 TRANSPORTATION COMMODITY	1,586,461	\$0.00094	\$1,483	\$1,483		\$ (5)	
JP-4 DEMAND	31,114	\$0.81030	\$25,212		\$25,212	\$ (159)	
JP-4 CAPACITY	913,704	\$0.02957	\$27,014		\$27,014	\$ (170)	
JP-4 STORAGE COMMODITY	913,704	\$0.22616	\$206,642	\$206,642		\$ (58,921)	913,704
JP-4 INVENTORY	913,704	\$0.013592	\$12,419		\$12,419	\$ (3,541)	
TF-2 TRANSPORTATION CAPACITY	2,503	\$13.59625	\$34,035		\$34,035	\$ (121)	
TF-2 TRANSPORTATION COMMODITY	913,704	\$0.00094	\$854	\$854		\$ (3)	
MIST DEMAND	0	\$5.55817	\$0		\$0	\$ (1,491,657)	
MIST CAPACITY	0	\$0.06726	\$0		\$0	\$ (360,991)	
MIST STORAGE COMMODITY	0	\$0.00000	\$0	\$0		\$ (1,663,563)	
MIST INVENTORY	0	\$0.000000	\$0		\$0	\$ (99,980)	
TRANSPORTATION CAPACITY	0	\$13.59625	\$0		\$0	\$ (199,391)	
TRANSPORTATION COMMODITY	0	\$0.00094	\$0	\$0		\$ (5,005)	
MIST2 DEMAND	444,486	\$4.46040	\$1,982,587		\$1,982,587	\$ 1,184,557	
MIST2 CAPACITY	14,579,155	\$0.06000	\$874,749		\$874,749	\$ 316,536	
MIST2 STORAGE COMMODITY	14,579,155	\$0.29100	\$4,242,584	\$4,242,584		\$ 982,424	14,579,155
MIST2 INVENTORY	14,579,155	\$0.017489	\$254,979		\$254,979	\$ 59,044	
TRANSPORTATION CAPACITY	39,943	\$13.59625	\$543,074		\$543,074	\$ 197,463	
TRANSPORTATION COMMODITY	14,579,155	\$0.00094	\$13,632	\$13,632		\$ 4,956	
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	
BIOMETHANE	2,974,797	\$0.34203	\$1,017,481	\$1,017,481		\$1,017,481	
Core Mitigation (Net Capacity Release and Storage Revenues) and Other Credits			(\$3,843,716)		(\$3,843,716)	\$10,043	
DAILY BALANCING NON-CORE CREDIT BASED ON EXHIBIT RJA-7	841,988,357	(\$0.00040)	(\$336,795)		(\$336,795)	\$0	
WA COMMODITY VOLUMES FOR CORE RESOURCES	279,069,139		\$175,055,121	\$ 130,263,573	\$44,791,548	\$18,959,313	279,069,139
SALES/TRANSPORT VOLUMES(Mainline Gas Costs)				279,069,138	279,069,138		
PROPOSED AVERAGE RATE(Mainline Gas Costs)				\$0.46678	\$0.16050	\$0.62728	
Forecasted PGA Volumes (City Gate Gas Costs)				276,260,819	276,260,819		
PROPOSED AVERAGE RATE(City Gate Gas Costs)				\$0.47152	\$0.16214	\$0.63366	
CURRENT AVERAGE RATE IN RATES				\$0.42860	\$0.17340	\$0.60200	
GROSS RATE CHANGE				\$0.04292	(\$0.01126)	\$0.03166	
REVENUE ADJUSTMENT FACTOR				0.04423	0.04423	0.04423	
TOTAL PROPOSED ADJUSTMENT				\$0.04491	(\$0.01178)	\$0.03312	
proposed rate w/revenue factor				\$ 0.49334			
current rate w/revenue factor				\$ 0.44843			
				\$ 0.04491			

CASCADE NATURAL GAS CORPORATION
2024 PGA Gas Demand Cost Allocation

	Current	Proposed
From Summary-WA Gas Cost Tracking tab		
Demand Costs	\$ 44,961,864	\$44,791,548
Commodity Costs	111,133,944	130,263,573

Rate Schedule	503	504	505/511	570	Total
Current Demand Rates	0.17379	0.17116	0.15819	0.14527	
% change (same for each sch)	-6.324%	-6.324%	-6.324%	-6.324%	
Proposed Demand Increment	0.16280	0.16034	0.14819	0.13608	
Proposed Demand Costs Collect	\$ 23,275,296	\$ 18,122,871	\$ 3,109,171	\$ 284,210	\$ 44,791,548
Proposed Change in Demand	(0.01099)	(0.01082)	(0.01000)	(0.00919)	
Revenue Adjustment Factor	0.95577	0.95577	0.95577	0.95577	
Proposed Rate Adjustment	\$ (0.01150)	\$ (0.01132)	\$ (0.01046)	\$ (0.00961)	
Proposed Volumes	142,968,734	113,030,425	20,981,483	2,088,497	279,069,138

Cascade Natural Gas Corporation
PGA AMOUNT OF CHANGE BY RATE SCHEDULE
Bills and Revenues Based Upon the Twelve Months Ended 7/31/24
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 (f)	Amount of Change (g)	Percent Change (h)
CORE MARKET RATE SCHEDULES								
1	Residential	503	204,189	140,216,275	184,270,125	0.03341	4,684,626	2.54%
2	Commercial	504	27,579	103,631,783	124,333,138	0.03359	3,480,992	2.80%
3	Industrial Firm	505	495	13,457,822	14,347,313	0.03445	463,622	3.23%
4	Large Volume	511	99	16,601,133	17,512,226	0.03445	571,909	3.27%
5	Industrial Interruptible	570	7	2,353,805	2,109,806	0.03530	83,089	3.94%
6	Total Core		232,369	276,260,819	342,572,608		9,284,238	2.71%

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

Line No.	Type of Service	UG-210755		Current	Current	Proposed	Proposed	Bill Difference	Proposed 11/1/2024 PGA Effects % Bill Change
		Typical Monthly Therm Used	Basic Service Charge	6/1/2024 Billing Rates	6/1/2024 Average Bill	11/1/2024 PGA Effects	11/1/2024 PGA Effect Average Bill		
	(a)	(b)	(c)	(d)	e=c+(b*d)	(f)	g=c+(b*f)	(h)	(i)
1	Residential, Schedule 503	54	\$5	\$1.60485	\$91.66	\$1.63826	\$93.47	\$1.80	1.97%
2	Commercial, Schedule 504	271	\$13	\$1.52590	\$426.52	\$1.55949	\$435.62	\$9.10	2.13%
3	Industrial Firm, Schedule 505		\$60						
4	First 500 therms			\$1.46000	\$790.00	\$1.49445	\$807.23		
5	Next 3,500 therms			\$1.42069	\$2,119.67	\$1.45514	\$2,171.07		
6	Over 4,000 therms			\$1.41475		\$1.44920			
7	Total 505	1,992			\$2,909.67		\$2,978.29	\$68.62	2.36%
8	Large Volume, Schedule 511		\$125						
9	First 20,000 therms			\$1.41357	\$23,645.39	\$1.44802	\$24,218.60		
10	Next 80,000 therms			\$1.37484		\$1.40929			
11	Over 100,000 therms			\$1.27903		\$1.31348			
12	Total 511	16,639			\$23,645.39		\$24,218.60	\$573.21	2.42%
13	Industrial Interruptible, Schedule 570		\$163						
14	First 30,000 therms			\$1.31154	\$30,634.01	\$1.34684	\$31,454.13		
15	Over 30,000 therms			\$1.24617		\$1.28147			
16	Total 570	23,233			\$30,634.01		\$31,454.13	\$820.12	2.68%

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

Line No.	Description	503 Residential Customers	504 Commercial Customers	505/511 Firm Indust Customers	570 Interruptible Customers
1	WACOG Effective November 1, 2023	\$0.63026	\$0.62751	\$0.61394	\$0.60042
	<u>Proposed Incremental Change</u>				
2	Residential	\$0.03341			
3	Commercial		\$0.03359		
4	Industrial Firm			\$0.03445	
5	Interruptible - CORE				\$0.03530
6	NON-CORE Customers				
7	Total Proposed Rate	\$0.66367	\$0.66110	\$0.64839	\$0.63572

TTA CALCULATION OF PER THERM RATES TO AMORTIZE DEFERRED ACCOUNTS

Line No.	Consolidated Account (a)	Account Balance 7/31/2024 (b)	Interest Assignments & Amortization through 10/31/2024 (c)	Interest Accruals Through Am. (d)	Revenue Sensitive costs (e)	Amount (f)	PROPOSED TECH. ADJUSTMENTS		Proposed Period of Am. (i)	Item (j)
							503/504 (g)	All Other Core (h)		
1	Core Market Commodity Costs	\$ 18,936,741	\$ 408,605	\$ 648,549	\$ 925,254	\$ 20,919,148				
2				Divide by		276,260,819	0.07572	0.07572	1 Year	Core Gas Deferrals
3	Core Market Demand Costs & TTA Residual*	\$ (168,614)	\$ 2,171,182	\$ 67,136	\$ 95,779	\$ 2,165,483				Core
4				Divide by		276,260,819	\$ 0.00784	\$ 0.00784	1 Year	Core Gas Deferrals
5	TOTAL	\$ 18,768,127	\$ 2,579,786	\$ 715,685	\$ 1,021,033	\$ 23,084,632	\$ 0.08356	\$ 0.08356		

*This balance does not include the temporary being amortized over two years per Advice No. W23-09-01.

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

Line No.	Description (a)	Rate Schedule (b)	Reverse Prior Temporary Rate Adj. (c)	Gas Cost Related Temporary Rate Adj. (d)	Incremental R/S 590 Rate Change (e)	2-Year Amort Rate (f)	Posted R/S 590 Tariff Rate (g)
CORE MARKET RATE SCHEDULES							
1	Residential	503	\$ 0.06415	\$ 0.08356	\$ 0.14771	\$ 0.33341	\$ 0.41697
2	Commercial	504	\$ 0.06415	\$ 0.08356	\$ 0.14771	\$ 0.33341	\$ 0.41697
3	Com-Ind Dual Service	511	\$ 0.06415	\$ 0.08356	\$ 0.14771	\$ 0.33341	\$ 0.41697
4	Industrial Firm	505	\$ 0.06415	\$ 0.08356	\$ 0.14771	\$ 0.33341	\$ 0.41697
5	Industrial Interr.	570	\$ 0.06415	\$ 0.08356	\$ 0.14771	\$ 0.33341	\$ 0.41697

6 (c) from 2023 TTA Exhibit A , Page 7 of 10

7 (d) from TTA Exhibit A, Page 7 of 10

8 (f) from 2023 TTA Exhibit A, Page 7 of 10

Cascade Natural Gas Corporation
TTA AMOUNT OF CHANGE BY RATE SCHEDULE
Bills and Revenues Based Upon the Twelve Months Ended 7/31/24
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)	Percent Change (h)
CORE MARKET RATE SCHEDULES								
1	Residential	503	204,189	140,216,275	184,270,125	\$ 0.14771	\$ 20,711,346	11.24%
2	Commercial	504	27,579	103,631,783	124,333,138	\$ 0.14771	\$ 15,307,451	12.31%
3	Industrial Firm	505	495	13,457,822	14,347,313	\$ 0.14771	\$ 1,987,855	13.86%
4	Large Volume	511	99	16,601,133	17,512,226	\$ 0.14771	\$ 2,452,153	14.00%
5	Industrial Interruptible	570	7	2,353,805	2,109,806	\$ 0.14771	\$ 347,681	16.48%
6	Total Core		232,369	276,260,819	342,572,608		\$ 40,806,486	11.91%

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

Line No.	Type of Service	UG-210755		Current	Current	Proposed	Proposed	Bill Difference	Proposed
		Typical Monthly Therm Used	Basic Service Charge	6/1/2024 Billing Rates	6/1/2024 Average Bill	11/1/2024 TTA Effects	11/1/2024 TTA Effect Average Bill		11/1/2024 TTA Effects % Bill Change
	(a)	(b)	(c)	(d)	e=c+(b*d)	(f)	g=c+(b*f)	(h)	(i)
1	Residential, Schedule 503	54	\$5	\$1.60485	\$91.66	\$1.75256	\$99.64	\$7.98	8.70%
2	Commercial, Schedule 504	271	\$13	\$1.52590	\$426.52	\$1.67361	\$466.55	\$40.03	9.39%
3	Industrial Firm, Schedule 505		\$60						
4	First 500 therms			\$1.46000	\$790.00	\$1.60771	\$863.86		
5	Next 3,500 therms			\$1.42069	\$2,119.67	\$1.56840	\$2,340.05		
6	Over 4,000 therms			\$1.41475		\$1.56246			
7	Total 505	1,992			\$2,909.67		\$3,203.91	\$294.24	10.11%
8	Large Volume, Schedule 511		\$125						
9	First 20,000 therms			\$1.41357	\$23,645.39	\$1.56128	\$26,103.14		
10	Next 80,000 therms			\$1.37484		\$1.52255			
11	Over 100,000 therms			\$1.27903		\$1.42674			
12	Total 511	16,639			\$23,645.39		\$26,103.14	\$2,457.75	10.39%
13	Industrial Interruptible, Schedule 570		\$163						
14	First 30,000 therms			\$1.31154	\$30,634.01	\$1.45925	\$34,065.76		
15	Over 30,000 therms			\$1.24617		\$1.39388			
16	Total 570	23,233			\$30,634.01		\$34,065.76	\$3,431.75	11.20%