

**BEFORE THE  
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

WASHINGTON UTILITIES AND  
TRANSPORTATION COMMISSION,  
Complainant,

DOCKET UG-170929

v.

CASCADE NATURAL GAS  
CORPORATION,  
Respondent.

**CASCADE NATURAL GAS CORPORATION**

**EXHIBIT RJA-R3**

**RON. J. AMEN**

*Revenue Requirement by Customer Cost Component*

**March 23, 2018**

Cascade Natural Gas - Washington  
HISTORIC YEAR ENDING DEC 31, 2016

Unit Cost Results  
Revenue Requirement by Customer Cost Components

CONFIDENTIAL MATERIAL

Protective Order Requested 8/31/2017

	Res 502, 503	GSC 504, 512	GSI 505	GSLV 511	Interruptible 570, 577	Transport 663	Spl Contracts 9xx
1 Billing							
2 FERC 903	\$ 4,115,217	\$ 707,554	\$ 34,673	\$ 24,939	\$ 7,122	\$ 166,594	\$ 92,702
3							
4 Meter Reading							
5 FERC 902	\$ 456,171	\$ 63,936	\$ 17,299	\$ 3,333	\$ 384	\$ 7,363	\$ 429
6							
7 Customer Service (call center)							
8 FERC 907-910	\$ 254,361	\$ 35,651	\$ 631	\$ 122	\$ 14	\$ 269	\$ 16
9							
10 Meter, Service & Regulator							
11 FERC 380	\$ 26,155,032	\$ 5,799,266	\$ 166,004	\$ 1,311	\$ 57,955	\$ 579,934	\$ 22,242
12 FERC 381	\$ 19,842,316	\$ 6,589,681	\$ 457,844	\$ 246,994	\$ 34,883	\$ 646,275	\$ 12,107
13 FERC 382	\$ 6,283,840	\$ 3,786,116	\$ 565,641	\$ 406,869	\$ 70,521	\$ 1,239,453	\$ -
14 FERC 383	\$ 1,989,574	\$ 2,765,670	\$ 119,508	\$ 27,673	\$ 3,790	\$ 63,600	\$ 294
15 System Average Rate of Return	7.60%	7.60%	7.60%	7.60%	7.60%	7.60%	7.60%
16							
17 Return on Meter, Service & Regulator	\$ 4,123,492	\$ 1,439,117	\$ 99,458	\$ 51,883	\$ 12,700	\$ 192,173	\$ 2,632
18 Deprecation Expense	\$ 5,717,375	\$ 1,514,570	\$ 71,839	\$ 25,540	\$ 14,637	\$ 178,436	\$ 400
19 FERC 874	\$ 1,867,614	\$ 414,100	\$ 11,854	\$ 94	\$ 4,138	\$ 41,410	\$ -
20 FERC 878	\$ 861,527	\$ 414,100	\$ 11,854	\$ 94	\$ 4,138	\$ 41,410	\$ -
21 FERC 892	\$ 987,634	\$ 218,985	\$ 6,268	\$ 49	\$ 2,188	\$ 21,899	\$ 169
22 FERC 893	\$ 710,773	\$ 340,377	\$ 30,832	\$ 18,733	\$ 3,032	\$ 54,011	\$ 296
23 TOTAL Meter, Service & Regulator	\$ 14,268,417	\$ 4,341,248	\$ 232,104	\$ 96,392	\$ 40,835	\$ 529,339	\$ 3,497
24							
25 Total Direct Customer Costs	\$ 19,094,166	\$ 5,148,388	\$ 284,707	\$ 124,786	\$ 48,354	\$ 703,566	\$ 96,643
26 Direct Customer Unit Cost \$ / Cust-Month	\$ 8.76	\$ 16.85	\$ 52.65	\$ 119.76	\$ 402.95	\$ 305.63	\$ 721.21
27							
28 Customer Component of Distribution							
29 Customer Component of Retrun on Other Plant	\$ 691,873	\$ 232,550	\$ 23,060	\$ 8,897	\$ 822	\$ 19,851	\$ 90,397
30 Customer Component of Other Plant Depreciation Expense	\$ 1,655,007	\$ 381,711	\$ 26,231	\$ 8,500	\$ 1,640	\$ 79,764	\$ 48,900
31 Customer Component of Other O&M and A&G	\$ 12,352,587	\$ 3,248,241	\$ 233,904	\$ 138,509	\$ 26,534	\$ 497,670	\$ 100,664
32 Customer Component of Taxes	\$ 6,974,101	\$ 3,674,783	\$ 290,078	\$ 249,141	\$ 73,059	\$ 2,221,236	\$ 283,649
33 Customer Component of Taxes on Return, Gross receipts tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
34							
35 Total Customer-Related Revenue Requirement	\$ 40,767,733	\$ 12,685,672	\$ 857,980	\$ 529,832	\$ 150,409	\$ 3,522,087	\$ 620,252
36 Customer Component Unit Cost \$ / Cust-Month	\$ 18.70	\$ 41.52	\$ 158.65	\$ 508.48	\$ 1,253.40	\$ 1,530.01	\$ 4,628.75
37							
38 Billing Components							
39 Customer Allocator Bills	2,179,888	305,527	5,408	1,042	120	2,302	134