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November 30, 2018

CNG/O18-11-01

Oregon Public Utility Commission
Attn: Filing Center
P.O. Box 1088
Salem, OR 97308-1088

Re: Schedule 31, Public Purpose Charge

Cascade Natural Gas Corporation (Cascade or the Company) herewith submits the following revision to its Tariff P.U.C. Or. No. 10, stated to become effective with service on and after January 1, 2019:

Second Revision of Sheet No. 31.1

Overview

The purpose of this filing is to increase the Rule 31, Public Purpose Charge (PPC) from 4.85% to 6.28%. This rate is set to collect the 2019 budgets for the Energy Trust conservation programs, the Oregon Low Income Bill Pay Assistance (OLIBA) program, the Oregon Low Income Energy Conservation (OLIEC) Program, and the Conservation Achievement Tariff (CAT) Program.

The PPC applies a charge to bills equal to a percentage of customers' total charges for gas service. Collections from this charge fund the Energy Trust of Oregon (Energy Trust) delivered natural gas energy efficiency programs offered to sales customers in Cascade's Oregon service territory as well as the Company's low-income programs, which include the Oregon bill pay assistance program, OLIEC and CAT.

The proposed 6.28% charge is set to collect \$3,345,047. 91.76% of PPC collections or \$3,069,279 will go to Energy Trust for the administration of Cascade's residential and commercial energy efficiency programs. The remaining 8.24% of funds collected will be used for Cascade's low-income programs: \$50,000 will fund low income bill pay assistance and \$401,717 will fund OLIEC and CAT.

Bill Impacts

The public purposes funding charge is revised from 4.85% to 6.28%. The estimated monthly bill impact for the average residential customer using 60 therms per month will be an additional \$0.63 and the average commercial customer using 253 therms per month will pay \$2.10 more. Industrial customers, using an average of 1,722 therms per month will pay an additional \$13.11 per month.

Program Budgets

Energy Trust Programs

Energy Trust forecasts expenditures of \$2,718,582 in 2019 to acquire 497,442 therm savings. Energy Trust and Cascade have agreed upon an additional budget reserve of \$350,697 for a total 2019 budget of \$3,069,279. The reserve is a large percentage of the overall expenditures (12.9% in 2019) because Cascade's budget is relatively small and one unexpected industrial project can consume a

large portion of the reserve that is also used to mitigate increased uptake or lower than expected PPC collections.

Oregon Bill Pay Assistance

Order No. 06-191 approved the Company's decoupling mechanism filed in UG-167, and established the Oregon Low-Income Bill Assistance (OLIBA) program's annual budget at \$50,000. The OLIBA program fund has a positive fund balance of approximately \$44,430 as of October 31st, 2018. The 2019 PPC adjustment proposes a \$5,570 true-up to meet the \$50,000 budget requirement.

OLIEC/CAT

OLIEC and CAT are complementary programs established in Schedule 33. The 2019 budget, set at 0.625% of the Company's gross revenues as reported in the Company's 2017 FERC Form 2 filed in Docket No. RG-33, is \$401,717. The programs had a combined overcollection balance of \$131,519 as of October 31, 2018, this amount is used to offset the 2019 budget requirements for both programs.

Application for Authorization of Deferral Treatment Pending

On November 21, 2018, Cascade filed an application for authorization for deferred accounting treatment for its Public Purpose Charge balancing accounts. This was made in response to the April 10, 2018 Commission ruling on PacifiCorp's (d.b.a Pacific Power's) Advice No. 18-001 which determined that debits and credits related to local tax collections to be passed on to customers in a later period be tracked in a deferral account so as not to violate the prohibition against retroactive ratemaking. In filing its tariff revision of Schedule 31, Cascade assumes future deferral treatment of its Public Purpose Charge expenditures.

Work Papers

The following work papers are attached:

- Attachment No. 1 – This attachment shows the 2019 budgets for the programs funded through the PPC. It also shows how the charge is derived using 2019 forecasted volumes and customer counts.
- Attachment No. 2 – This attachment provides the estimated bill impact this change will have on each rate schedule.
- Attachment No. 3 – This attachment contains 2019 projected volumes and customer counts source data provided by the Company's Integrated Resource Planning Department.
- Attachment No. 4 – This attachment presents historical fund activity of the Energy Trust conservation programs, the Oregon Low Income Bill Pay Assistance (OLIBA) program, the Oregon Low Income Energy Conservation (OLIEC) Program, and the Conservation Achievement Tariff (CAT) Program.

If you have any questions regarding this filing, please contact me at (509) 734-4593.

Sincerely,

/s/ Michael Parvinen

Michael Parvinen
Director, Regulatory Affairs

Attachments

ATTACHMENT 1 - ADVICE NO. O18-11-01

2019 Public Purpose Budget Calculation		PPC %	Notes
2019 ETO Est. Expenditures	\$2,718,582		1
- Negotiated Reserve @ 12.9%	<u>\$350,697</u>		2
Total Energy Trust Budget	\$3,069,279	91.76%	
Low Income Program Budgets			
- OLIEC /CAT Projected Revenue	\$401,717		3
- OLIEC/CAT Carryover	(\$131,519)		4
- Bill Pay Assistance Adjust	<u>\$5,570</u>		5
Total LI Program Budget	\$275,768	8.24%	
Total PPC Budget	\$3,345,047	100.00%	

	101	104	105	111	170	Total
Projected Therms (Jan 19 - Dec 19)	43,908,743	30,693,804	2,111,507	1,689,052	2,418,468	80,821,573
Rates	\$0.668134	\$0.565784	\$0.526234	\$0.486584	\$0.443754	
Total Volumetric Revenue	\$29,336,924.01	\$17,366,063.12	\$1,111,146.83	\$821,865.48	\$1,073,204.66	
2019 Projected Annual Customers	765561	122036	1853	216	48	
Customer charge	\$4.00	\$4.00	\$12.00			
BSC Revenue	\$3,062,244.00	\$488,144.00	\$22,236.00			
Total Revenue	\$32,399,168.01	\$17,854,207.12	\$1,133,382.83	\$821,865	\$1,073,205	\$53,281,828.10

PPC % **6.28%**

Amt for ETO	5.76%	\$3,069,279.08	Net OLIEC/CAT	98%	\$270,198
Amt for Low Income Programs	0.52%	\$275,768.39	Bill Pay Adjust	2%	\$5,570
Total PPC Budget	6.28%	\$3,345,047.47	Total LI Budget	100%	\$275,768

NOTES:

1. 2019 ETO Estimated Expenditures
2. ETO's negotiated program reserve is 12.9% of expenditures in 2019.
3. In Advice No. O16-10-01, the Commission authorized 0.625% of the Company's gross revenues as the OLIEC/CAT annual budget. The 2019 budget is 0.625% of gross revenues as reported in the most recently filed FERC Form 2 for 2017 of \$64,274,782. (See Docket No. RG-33).
4. 2018 Overcollection of OLIEC/ CAT Funding.
5. October 31, 2018 OLIBA fund balance \$44,430 adjusted \$5,570 to anticipated fund of \$50,000 as agreed to in UG-167.

ATTACHMENT 2 - ADVICE NO. O18-11-01

BILL IMPACT PER RATE SCHEDULE

	Customer Class	Schedule	Average Therms Per Month	Monthly Charge	Per therm Rate	Average Monthly Bill w/o PPC	Current PPC	Proposed PPC	Bill Impact
1	Residential	101	60	\$4.00	\$0.668134	\$44.09	\$2.14	\$2.77	\$0.63
2	Commercial	104	253	\$4.00	\$0.565784	\$147.14	\$7.14	\$9.24	\$2.10
3	Industrial	105	1,722	\$12.00	\$0.526234	\$918.17	\$44.53	\$57.64	\$13.11
4	Large Volume General	111	11,745	\$0.00	\$0.486584	\$5,714.93	\$277.17	\$358.78	\$81.61
5	Industrial Interruptible	170	53,728	\$0.00	\$0.443754	\$23,842.01	\$1,156.34	\$1,496.81	\$340.47
	Current PPC	4.85%							
	Proposed PPC	6.28%							

ATTACHMENT 3 - ADVICE NO. O18-11-01

2019-2020 Demand Forecast							2019-2020 Customer Forecast						
	101	104	105	111 Com	111 Ind	170		101	104	105	111 Com	111 Ind	170
1/1/2019	7,154,403	4,711,230	269,604	68,249	147,414	284,788	Jan-19	63,822	10,189	153	9	9	4
2/1/2019	5,753,798	3,850,597	221,485	56,068	121,104	246,745	Feb-19	63,874	10,203	154	9	9	4
3/1/2019	4,918,591	3,145,136	202,003	51,136	110,451	235,534	Mar-19	63,944	10,211	155	9	9	4
4/1/2019	3,390,129	2,168,589	150,052	37,985	82,046	203,171	Apr-19	63,824	10,193	153	9	9	4
5/1/2019	2,194,314	1,563,716	108,716	27,521	59,444	184,510	May-19	63,694	10,179	154	9	9	4
6/1/2019	1,335,327	1,132,692	79,275	20,068	43,346	156,554	Jun-19	63,586	10,157	155	9	9	4
7/1/2019	1,007,501	973,909	73,623	18,638	40,256	144,228	Jul-19	63,451	10,125	156	9	9	4
8/1/2019	1,008,250	1,009,154	93,706	23,721	51,236	137,289	Aug-19	63,387	10,097	154	9	9	4
9/1/2019	1,362,760	1,209,656	124,392	31,489	68,015	151,951	Sep-19	63,364	10,087	154	9	9	4
10/1/2019	2,991,432	2,169,992	209,981	53,156	114,813	185,167	Oct-19	63,760	10,119	155	9	9	4
11/1/2019	5,270,124	3,696,219	280,175	70,925	153,194	199,920	Nov-19	64,220	10,197	155	9	9	4
12/1/2019	7,522,114	5,062,912	298,495	75,563	163,211	288,610	Dec-19	64,635	10,279	155	9	9	4

Energy Trust of Oregon Liability

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
Beg. GL balance (455,525.18)	(455,525.18)	(329,659.74)	(310,821.45)	(237,025.65)	(172,789.08)	(93,608.35)	(82,228.73)	(69,890.00)	(45,443.94)	(88,488.31)	(173,578.99)	(58,909.23)
Customers' contributions (from customers' bills) (Revenue Upload CC&BINTERFACE)	(474,076.37)	(327,620.24)	(395,014.80)	(274,129.91)	(178,718.53)	(107,318.74)	(88,959.88)	(82,697.09)	(84,936.21)	(144,131.69)		
CNGC's liability accrual (based upon Bill Frequency report & less gas used by district) * PP charge from unbilled revenue (reversing accrual) for both CNGC & customers' portions (LG Vol Unbilled & UNBILDXXXX)	(278,773.02)	(305,670.68)	(197,375.82)	(132,282.58)	(66,832.25)	(58,985.14)	(54,576.74)	(26,873.36)	(48,977.73)	(114,669.76)		
Reversal of prior month's accrual (from unbilled revenue calc) (UNBILDXXXX) Prior Mon.	376,920.29	278,773.02	305,670.68	197,375.82	132,282.58	66,832.25	58,985.14	54,576.74	26,873.36	48,977.73	114,669.76	-
Reduction of liability for uncollectibles by the estimated average net write off percentage. (ETOACCXXXX)	44,953.60	42,384.74	48,547.42	35,390.54	19,172.79	16,842.03	14,314.82	9,307.79	18,124.11	35,552.32		
Reclass to CNG Weatherization and Low Income Bill Assist Programs (ETOACCXXXX) **	1,315.76	1,311.71	1,146.87	857.05	487.06	400.87	346.66	241.98	428.16	692.41		
Payment to Energy Trust of Oregon (Prior month balance)	455,525.18	329,659.74	310,821.45	237,025.65	172,789.08	93,608.35	82,228.73	69,890.00	45,443.94	88,488.31		
Additional Public Purpose Funding *	-	-	-	-	-	-	-	-	-	-	-	-
Total - per above (455,525.18)	(329,659.74)	(310,821.45)	(237,025.65)	(172,789.08)	(93,608.35)	(82,228.73)	(69,890.00)	(45,443.94)	(88,488.31)	(173,578.99)	(58,909.23)	(58,909.23)
Ending GL balance	(329,659.74)	(310,821.45)	(237,025.65)	(172,789.08)	(93,608.35)	(82,228.73)	(69,890.00)	(45,443.94)	(88,488.31)	(173,578.99)	-	-
Difference	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(58,909.23)	(58,909.23)

Oregon Low Income Assistance
(OR Low Income Program Liability)

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
Beg. GL balance	(41,743.45)	(41,189.11)	(43,335.90)	(41,907.46)	(40,455.26)	(39,832.87)	(40,416.56)	(40,244.72)	(39,599.43)	(40,925.28)	(44,430.38)	(44,430.38)
Transfer ETO eligible Liab (24208502) to Bill Assistance program. (ETOACCXXXX)	(5,394.43)	(5,086.17)	(5,340.22)	(3,892.96)	(2,109.01)	(1,852.62)	(1,574.63)	(1,023.86)	(1,993.65)	(3,910.76)		
Pmts to Community Agencies (admin fees) Neighborimpact, Community Connection, Community in Action, and CAPECO	379.00	1,154.20	397.20	1,322.40	845.91	422.44	215.60	354.40	282.80	194.60		
Reduction for Bill Assistance Credited to Customers' Accounts (CC&B Interfacexxxx)	5,771.00	1,986.00	6,586.84	4,229.54	2,112.71	1,078.00	1,772.00	1,556.40	623.00	463.00		
Interest expense on unused low income assistance as of 20th of each month (DEFORXXXX)	(201.23)	(200.82)	(215.38)	(206.78)	(227.22)	(231.51)	(241.13)	(241.65)	(238.00)	(251.94)		
Adjustments / Rounding YTD												
Total - per above	(41,189.11)	(43,335.90)	(41,907.46)	(40,455.26)	(39,832.87)	(40,416.56)	(40,244.72)	(39,599.43)	(40,925.28)	(44,430.38)	(44,430.38)	(44,430.38)
Ending GL balnce	(41,189.11)	(43,335.90)	(41,907.46)	(40,455.26)	(39,832.87)	(40,416.56)	(40,244.72)	(39,599.43)	(40,925.28)	(44,430.38)		
Difference	-	-	-	-	-	-	-	-	-	-	(44,430.38)	(44,430.38)

**Oregon Weatherization - 2429.01
&
Conservation Achievement - 2429.03**

Weatherization 47OR.2429.01	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
Beg. GL balance	(398,641.31)	(438,142.11)	(463,467.44)	(489,257.52)	(514,724.87)	(530,201.36)	(540,777.02)	(554,114.22)	(563,086.65)	(572,686.96)	(605,065.63)	(605,065.63)
Transfer ETO eligible Liab to OR Weatherization program (ETOACCXXX)	(39,559.17)	(37,298.57)	(43,207.20)	(31,497.58)	(17,063.78)	(14,989.41)	(12,740.19)	(8,283.93)	(16,130.46)	(31,641.56)		
Reduction for Weatherization Payments to Community Agencies (Neighborimpact + Community Conn.)		12,012.99	17,452.40	6,208.73	1,995.72	4,888.71	-		7,172.31	-		
Reduction for <u>Weatherization</u> Credited to Customers' Accounts												
Interest expense on unused OR <u>Weatherization</u> as of 20th of each month (DEFORXXX)												
Interest expense on unused OR <u>CAT</u> as of 20th of each month (DEFORXXX)	58.37	(39.75)	(35.28)	(178.50)	(408.43)	(474.96)	(597.01)	(688.50)	(642.16)	(737.11)		
Adjustments / Cash Receipts												
Total - per above	(398,641.31)	(438,142.11)	(463,467.44)	(489,257.52)	(514,724.87)	(530,201.36)	(540,777.02)	(554,114.22)	(563,086.65)	(572,686.96)	(605,065.63)	(605,065.63)
47OR.2429.01 GL Balance	(438,142.11)	(463,467.44)	(489,257.52)	(514,724.87)	(530,201.36)	(540,777.02)	(554,114.22)	(563,086.65)	(572,686.96)	(605,065.63)		
Conservation Achievement 47OR.2429.03	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
Beg. GL balance	403,227.42	403,227.42	421,176.51	446,665.36	454,844.82	456,803.74	465,018.63	465,018.63	465,018.63	473,546.58	473,546.58	473,546.58
Reclass from Weatherization 47OR.2429.01												
Neighborhood Impact + CAPECO		17,949.09	25,488.85	8,179.46	1,958.92	8,214.89	-	-	8,527.95	-		
Total - per above	4,586.11	403,227.42	421,176.51	446,665.36	454,844.82	456,803.74	465,018.63	465,018.63	473,546.58	473,546.58	473,546.58	473,546.58
47OR.2429.03 GL Balance	403,227.42	421,176.51	446,665.36	454,844.82	456,803.74	465,018.63	465,018.63	465,018.63	473,546.58	473,546.58		
47OR.2429.01 & 47OR.2429.03	(34,914.69)	(42,290.93)	(42,592.16)	(59,880.05)	(73,397.62)	(75,758.39)	(89,095.59)	(98,068.02)	(99,140.38)	(131,519.05)	-	-
Difference	-	-	-	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	0.00	(131,519.05)	(131,519.05)

49,730.86

Energy Trust of Oregon Liability

ATTACHMENT 4 - ADVICE NO. O18-11-01

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	
Beg. GL balance	(426,857.71)	(426,857.71)	(466,233.79)	(363,806.65)	(258,024.56)	(190,038.94)	(165,135.39)	(51,232.39)	(66,649.78)	(66,150.94)	(88,409.03)	(214,415.10)	(265,440.32)
Customers' contributions (from customers' bills) (Revenue Upload CC&BINTERFACE)	(587,651.62)	(470,694.91)	(408,596.98)	(248,465.81)	(214,934.04)	(132,002.23)	(84,737.71)	(84,802.79)	(79,035.09)	(153,904.21)	(236,442.92)	(354,930.37)	
CNGC's liability accrual (based upon Bill Frequency report & less gas used by district) * PP charge from unbilled revenue (reversing accrual) for both CNGC & customers' portions (LG Vol Unbilled & UNBILDXXXX)	(354,590.28)	(298,722.42)	(184,335.49)	(152,494.55)	(125,779.01)	(52,170.59)	(43,383.94)	(33,948.64)	(55,660.44)	(146,167.42)	(212,390.30)	(376,920.29)	
Reversal of prior month's accrual (from unbilled revenue calc) (UNBILDXXXX) Prior Mon.	410,676.62	354,590.28	298,722.42	184,335.49	152,494.55	125,779.01	52,170.59	43,383.94	33,948.64	55,660.44	146,167.42	212,390.30	
Reduction of liability for uncollectibles by the estimated average net write off percentage. (ETOACCXXXX)	1,754.16	1,410.40	1,000.32	671.53	564.65	175.18	212.67	195.97	282.08	757.67	1,029.07	1,818.11	
Reclass to CNG Weatherization and Low Income Bill Assist Programs (ETOACCXXXX) **	63,577.33	49,610.00	35,185.17	25,914.40	22,518.46	6,986.24	9,088.61	9,020.58	12,055.78	29,238.42	36,196.41	62,117.07	
Payment to Energy Trust of Oregon (Prior month balance)	426,857.71	466,233.79	363,806.65	258,024.56	190,038.94	165,135.39	51,232.39	66,649.78	66,150.94	88,409.03	214,415.10	265,440.32	
Additional Public Purpose Funding *	-	-	-	-	-	-	-	-	-	-	-	-	
Total - per above	(426,857.71)	(466,233.79)	(363,806.65)	(258,024.56)	(190,038.94)	(165,135.39)	(51,232.39)	(66,649.78)	(66,150.94)	(88,409.03)	(214,415.10)	(265,440.32)	(455,525.18)
Ending GL balnce	(466,233.79)	(363,806.65)	(258,024.56)	(190,038.94)	(165,135.39)	(51,232.39)	(66,649.78)	(66,150.94)	(88,409.03)	(214,415.10)	(265,440.32)	(455,525.18)	
Difference	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.00)	0.00	0.00	0.00	

**SCHEDULE 31
PUBLIC PURPOSE CHARGE**

PURPOSE

The purpose of this provision is to define the funding method for public purposes activities to be administered through one or more independent entities. Public purposes activities include, but may not necessarily be limited to, energy efficiency programs, market transformation and low-income conservation and bill assistance programs designed to benefit sales customers within Cascade Natural Gas’s service territory in Oregon.

ADJUSTMENT TO RATES

A public purpose charge equal to 6.28% of current revenues, including customer service charges, in each month will be assessed as a line item on the bills of rate schedules 101, 104, 105, 111 and 170. The level of the public purpose charge will be reviewed and revised as necessary based on periodic evaluation of public purposes funding needs.

(I)

The Public Purposes Funds shall be allocated to specific separate accounts to fund the respective public purposes programs as follows:

- 5.76% will support public purpose funding of energy efficiency programs that replace programs previously administered by Cascade with energy efficiency programs administered by an independent entity. (C)
- 0.52% will support public purpose funding for low-income conservation and bill assistance activities. (C)

SPECIAL TERMS AND CONDITIONS

1. 92% of the monies designated as public purpose funding will be transferred to the Energy Trust of Oregon. The Energy Trust of Oregon will use the funds to design, promote and administer Natural Gas energy efficiency programs in accordance with agreements executed between Cascade and the Energy Trust. (C)
2. 8% of the monies designated as public purpose funding will be transferred to two internal program accounts and dispersed to Community Action Agencies (Agencies) for the purpose of adding or expanding low-income weatherization programs and bill assistance programs. 98% of the funding will be designated for low-income conservation programs, and the remaining 2% will be designated for bill payment assistance. (C)
(C)
(C)(T)

(continued)

ATTACHMENT 1 - ADVICE NO. O18-11-01

2019 Public Purpose Budget Calculation		PPC %	Notes
2019 ETO Est. Expenditures	\$2,718,582		1
- Negotiated Reserve @ 12.9%	\$350,697		2
Total Energy Trust Budget	\$3,069,279	91.76%	
Low Income Program Budgets			
- OLIEC /CAT Projected Revenue	\$401,717		3
- OLIEC/CAT Carryover	(\$131,519)		4
- Bill Pay Assistance Adjust	\$5,570		5
Total LI Program Budget	\$275,768	8.24%	
Total PPC Budget	\$3,345,047	100.00%	

	101	104	105	111	170	Total
Projected Therms (Jan 19 - Dec 19)	43,908,743	30,693,804	2,111,507	1,689,052	2,418,468	80,821,573
Rates	\$0.668134	\$0.565784	\$0.526234	\$0.486584	\$0.443754	
Total Volumetric Revenue	\$29,336,924.01	\$17,366,063.12	\$1,111,146.83	\$821,865.48	\$1,073,204.66	
2019 Projected Annual Customers	765561	122036	1853	216	48	
Customer charge	\$4.00	\$4.00	\$12.00			
BSC Revenue	\$3,062,244.00	\$488,144.00	\$22,236.00			
Total Revenue	\$32,399,168.01	\$17,854,207.12	\$1,133,382.83	\$821,865	\$1,073,205	\$53,281,828.10

PPC % **6.28%**

Amt for ETO	5.76%	\$3,069,279.08	Net OLIEC/CAT	98%	\$270,198
Amt for Low Income Programs	0.52%	\$275,768.39	Bill Pay Adjust	2%	\$5,570
Total PPC Budget	6.28%	\$3,345,047.47	Total LI Budget	100%	\$275,768

NOTES:

1. 2019 ETO Estimated Expenditures
2. ETO's negotiated program reserve is 12.9% of expenditures in 2019.
3. In Advice No. O16-10-01, the Commission authorized 0.625% of the Company's gross revenues as the OLIEC/CAT annual budget. The 2019 budget is 0.625% of gross revenues as reported in the most recently filed FERC Form 2 for 2017 of \$64,274,782. (See Docket No. RG-33).
4. 2018 Overcollection of OLIEC/ CAT Funding.
5. October 31, 2018 OLIBA fund balance \$44,430 adjusted \$5,570 to anticipated fund of \$50,000 as agreed to in UG-167.

ATTACHMENT 2 - ADVICE NO. O18-11-01

BILL IMPACT PER RATE SCHEDULE

	Customer Class	Schedule	Average Therms Per Month	Monthly Charge	Per therm Rate	Average Monthly Bill w/o PPC	Current PPC	Proposed PPC	Bill Impact
1	Residential	101	60	\$4.00	\$0.668134	\$44.09	\$2.14	\$2.77	\$0.63
2	Commercial	104	253	\$4.00	\$0.565784	\$147.14	\$7.14	\$9.24	\$2.10
3	Industrial	105	1,722	\$12.00	\$0.526234	\$918.17	\$44.53	\$57.64	\$13.11
4	Large Volume General	111	11,745	\$0.00	\$0.486584	\$5,714.93	\$277.17	\$358.78	\$81.61
5	Industrial Interruptible	170	53,728	\$0.00	\$0.443754	\$23,842.01	\$1,156.34	\$1,496.81	\$340.47
	Current PPC	4.85%							
	Proposed PPC	6.28%							

ATTACHMENT 3 - ADVICE NO. O18-11-01

	2019-2020 Demand Forecast					
	101	104	105	111 Com	111 Ind	170
1/1/2019	7,154,403	4,711,230	269,604	68,249	147,414	284,788
2/1/2019	5,753,798	3,850,597	221,485	56,068	121,104	246,745
3/1/2019	4,918,591	3,145,136	202,003	51,136	110,451	235,534
4/1/2019	3,390,129	2,168,589	150,052	37,985	82,046	203,171
5/1/2019	2,194,314	1,563,716	108,716	27,521	59,444	184,510
6/1/2019	1,335,327	1,132,692	79,275	20,068	43,346	156,554
7/1/2019	1,007,501	973,909	73,623	18,638	40,256	144,228
8/1/2019	1,008,250	1,009,154	93,706	23,721	51,236	137,289
9/1/2019	1,362,760	1,209,656	124,392	31,489	68,015	151,951
10/1/2019	2,991,432	2,169,992	209,981	53,156	114,813	185,167
11/1/2019	5,270,124	3,696,219	280,175	70,925	153,194	199,920
12/1/2019	7,522,114	5,062,912	298,495	75,563	163,211	288,610

	2019-2020 Customer Forecast					
	101	104	105	111 Com	111 Ind	170
Jan-19	63,822	10,189	153	9	9	4
Feb-19	63,874	10,203	154	9	9	4
Mar-19	63,944	10,211	155	9	9	4
Apr-19	63,824	10,193	153	9	9	4
May-19	63,694	10,179	154	9	9	4
Jun-19	63,586	10,157	155	9	9	4
Jul-19	63,451	10,125	156	9	9	4
Aug-19	63,387	10,097	154	9	9	4
Sep-19	63,364	10,087	154	9	9	4
Oct-19	63,760	10,119	155	9	9	4
Nov-19	64,220	10,197	155	9	9	4
Dec-19	64,635	10,279	155	9	9	4

Energy Trust of Oregon Liability

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
Beg. GL balance	(455,525.18)	(329,659.74)	(310,821.45)	(237,025.65)	(172,789.08)	(93,608.35)	(82,228.73)	(69,890.00)	(45,443.94)	(88,488.31)	(173,578.99)	(58,909.23)
Customers' contributions (from customers' bills) (Revenue Upload CC&BINTERFACE)	(474,076.37)	(327,620.24)	(395,014.80)	(274,129.91)	(178,718.53)	(107,318.74)	(88,959.88)	(82,697.09)	(84,936.21)	(144,131.69)		
CNGC's liability accrual (based upon Bill Frequency report & less gas used by district) * PP charge from unbilled revenue (reversing accrual) for both CNGC & customers' portions (LG Vol Unbilled & UNBILDXXXX)	(278,773.02)	(305,670.68)	(197,375.82)	(132,282.58)	(66,832.25)	(58,985.14)	(54,576.74)	(26,873.36)	(48,977.73)	(114,669.76)		
Reversal of prior month's accrual (from unbilled revenue calc) (UNBILDXXXX) Prior Mon.	376,920.29	278,773.02	305,670.68	197,375.82	132,282.58	66,832.25	58,985.14	54,576.74	26,873.36	48,977.73	114,669.76	-
Reduction of liability for uncollectibles by the estimated average net write off percentage. (ETOACCXXXX)	44,953.60	42,384.74	48,547.42	35,390.54	19,172.79	16,842.03	14,314.82	9,307.79	18,124.11	35,552.32		
Reclass to CNG Weatherization and Low Income Bill Assist Programs (ETOACCXXXX) **	1,315.76	1,311.71	1,146.87	857.05	487.06	400.87	346.66	241.98	428.16	692.41		
Payment to Energy Trust of Oregon (Prior month balance)	455,525.18	329,659.74	310,821.45	237,025.65	172,789.08	93,608.35	82,228.73	69,890.00	45,443.94	88,488.31		
Additional Public Purpose Funding *	-	-	-	-	-	-	-	-	-	-	-	-
Total - per above	(455,525.18)	(329,659.74)	(310,821.45)	(237,025.65)	(172,789.08)	(93,608.35)	(82,228.73)	(69,890.00)	(45,443.94)	(88,488.31)	(173,578.99)	(58,909.23)
Ending GL balnce	(329,659.74)	(310,821.45)	(237,025.65)	(172,789.08)	(93,608.35)	(82,228.73)	(69,890.00)	(45,443.94)	(88,488.31)	(173,578.99)	-	-
Difference	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(58,909.23)	(58,909.23)

Oregon Low Income Assistance
(OR Low Income Program Liability)

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
Beg. GL balance	(41,743.45)	(41,189.11)	(43,335.90)	(41,907.46)	(40,455.26)	(39,832.87)	(40,416.56)	(40,244.72)	(39,599.43)	(40,925.28)	(44,430.38)	(44,430.38)
Transfer ETO eligible Liab (24208502) to Bill Assistance program. (ETOACCXXX)	(5,394.43)	(5,086.17)	(5,340.22)	(3,892.96)	(2,109.01)	(1,852.62)	(1,574.63)	(1,023.86)	(1,993.65)	(3,910.76)		
Pmts to Community Agencies (admin fees) Neighborimpact, Community Connection, Community in Action, and CAPECO	379.00	1,154.20	397.20	1,322.40	845.91	422.44	215.60	354.40	282.80	194.60		
Reduction for Bill Assistance Credited to Customers' Accounts (CC&B Interfacexxxx)	5,771.00	1,986.00	6,586.84	4,229.54	2,112.71	1,078.00	1,772.00	1,556.40	623.00	463.00		
Interest expense on unused low income assistance as of 20th of each month (DEFORXXX)	(201.23)	(200.82)	(215.38)	(206.78)	(227.22)	(231.51)	(241.13)	(241.65)	(238.00)	(251.94)		
Adjustments / Rounding YTD												
Total - per above	(41,189.11)	(43,335.90)	(41,907.46)	(40,455.26)	(39,832.87)	(40,416.56)	(40,244.72)	(39,599.43)	(40,925.28)	(44,430.38)	(44,430.38)	(44,430.38)
Ending GL balnce	(41,189.11)	(43,335.90)	(41,907.46)	(40,455.26)	(39,832.87)	(40,416.56)	(40,244.72)	(39,599.43)	(40,925.28)	(44,430.38)	(44,430.38)	(44,430.38)
Difference	-	-	-	-	-	-	-	-	-	-	(44,430.38)	(44,430.38)

**Oregon Weatherization - 2429.01
&
Conservation Achievement - 2429.03**

Weatherization 47OR.2429.01	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
Beg. GL balance	(398,641.31)	(438,142.11)	(463,467.44)	(489,257.52)	(514,724.87)	(530,201.36)	(540,777.02)	(554,114.22)	(563,086.65)	(572,686.96)	(605,065.63)	(605,065.63)
Transfer ETO eligible Liab to OR Weatherization program (ETOACCXXX)	(39,559.17)	(37,298.57)	(43,207.20)	(31,497.58)	(17,063.78)	(14,989.41)	(12,740.19)	(8,283.93)	(16,130.46)	(31,641.56)		
Reduction for Weatherization Payments to Community Agencies (Neighborimpact + Community Conn.)		12,012.99	17,452.40	6,208.73	1,995.72	4,888.71	-		7,172.31	-		
Reduction for <u>Weatherization</u> Credited to Customers' Accounts												
Interest expense on unused OR <u>Weatherization</u> as of 20th of each month (DEFORXXX)												
Interest expense on unused OR <u>CAT</u> as of 20th of each month (DEFORXXX)	58.37	(39.75)	(35.28)	(178.50)	(408.43)	(474.96)	(597.01)	(688.50)	(642.16)	(737.11)		
Adjustments / Cash Receipts												
Total - per above	(398,641.31)	(438,142.11)	(463,467.44)	(489,257.52)	(514,724.87)	(530,201.36)	(540,777.02)	(554,114.22)	(563,086.65)	(572,686.96)	(605,065.63)	(605,065.63)
47OR.2429.01 GL Balance	(438,142.11)	(463,467.44)	(489,257.52)	(514,724.87)	(530,201.36)	(540,777.02)	(554,114.22)	(563,086.65)	(572,686.96)	(605,065.63)		

Conservation Achievement 47OR.2429.03	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
Beg. GL balance	403,227.42	403,227.42	421,176.51	446,665.36	454,844.82	456,803.74	465,018.63	465,018.63	465,018.63	473,546.58	473,546.58	473,546.58
Reclass from Weatherization 47OR.2429.01												
Neighborhood Impact + CAPECO		17,949.09	25,488.85	8,179.46	1,958.92	8,214.89	-	-	8,527.95	-		
Total - per above	4,586.11	403,227.42	421,176.51	446,665.36	456,803.74	465,018.63	465,018.63	465,018.63	473,546.58	473,546.58	473,546.58	473,546.58
47OR.2429.03 GL Balance	403,227.42	421,176.51	446,665.36	454,844.82	456,803.74	465,018.63	465,018.63	465,018.63	473,546.58	473,546.58		

47OR.2429.01 & 47OR.2429.03	(34,914.69)	(42,290.93)	(42,592.16)	(59,880.05)	(73,397.62)	(75,758.39)	(89,095.59)	(98,068.02)	(99,140.38)	(131,519.05)	-	-
Difference	-	-	-	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	0.00	(131,519.05)	(131,519.05)

49,730.86

Energy Trust of Oregon Liability

ATTACHMENT 4 - ADVICE NO. O18-11-01

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
Beg. GL balance	(426,857.71)	(466,233.79)	(363,806.65)	(258,024.56)	(190,038.94)	(165,135.39)	(51,232.39)	(66,649.78)	(66,150.94)	(88,409.03)	(214,415.10)	(265,440.32)
Customers' contributions (from customers' bills) (Revenue Upload CC&BINTERFACE)	(587,651.62)	(470,694.91)	(408,596.98)	(248,465.81)	(214,934.04)	(132,002.23)	(84,737.71)	(84,802.79)	(79,035.09)	(153,904.21)	(236,442.92)	(354,930.37)
CNGC's liability accrual (based upon Bill Frequency report & less gas used by district) *												
PP charge from unbilled revenue (reversing accrual) for both CNGC & customers' portions (LG Vol Unbilled & UNBILDXXXX)	(354,590.28)	(298,722.42)	(184,335.49)	(152,494.55)	(125,779.01)	(52,170.59)	(43,383.94)	(33,948.64)	(55,660.44)	(146,167.42)	(212,390.30)	(376,920.29)
Reversal of prior month's accrual (from unbilled revenue calc) (UNBILDXXXX) Prior Mon.	410,676.62	354,590.28	298,722.42	184,335.49	152,494.55	125,779.01	52,170.59	43,383.94	33,948.64	55,660.44	146,167.42	212,390.30
Reduction of liability for uncollectibles by the estimated average net write off percentage. (ETOACCXXXX)	1,754.16	1,410.40	1,000.32	671.53	564.65	175.18	212.67	195.97	282.08	757.67	1,029.07	1,818.11
Reclass to CNG Weatherization and Low Income Bill Assist Programs (ETOACCXXXX) **	63,577.33	49,610.00	35,185.17	25,914.40	22,518.46	6,986.24	9,088.61	9,020.58	12,055.78	29,238.42	36,196.41	62,117.07
Payment to Energy Trust of Oregon (Prior month balance)	426,857.71	466,233.79	363,806.65	258,024.56	190,038.94	165,135.39	51,232.39	66,649.78	66,150.94	88,409.03	214,415.10	265,440.32
Additional Public Purpose Funding *	-	-	-	-	-	-	-	-	-	-	-	-
Total - per above	(426,857.71)	(363,806.65)	(258,024.56)	(190,038.94)	(165,135.39)	(51,232.39)	(66,649.78)	(66,150.94)	(88,409.03)	(214,415.10)	(265,440.32)	(455,525.18)
Ending GL balnce	(466,233.79)	(363,806.65)	(258,024.56)	(190,038.94)	(165,135.39)	(51,232.39)	(66,649.78)	(66,150.94)	(88,409.03)	(214,415.10)	(265,440.32)	(455,525.18)
Difference	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.00)	0.00	0.00	0.00

**Oregon Weatherization - 2429.01
&
Conservation Achievement - 2429.03**

Weatherization 47OR.2429.01	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
Beg. GL balance	(179,530.24)	(231,195.52)	(270,751.73)	(280,340.29)	(295,638.68)	(306,835.33)	(275,539.91)	(280,474.76)	(287,558.40)	(297,749.92)	(313,552.63)	(344,971.92)
Transfer 70% of the 7% ETO eligible Liab to OR Weatherization program (ETOACCXXX)	(55,948.05)	(43,656.80)	(30,962.95)	(22,804.67)	(19,816.24)	(6,147.89)	(7,997.98)	(7,938.11)	(10,609.09)	(25,729.81)	(31,852.84)	(54,663.02)
Reduction for Weatherization Payments to Community Agencies (Neighborimpact + Community Conn.)	3,974.24	4,077.70	21,341.80	7,582.02	8,758.79	37,479.67	1,938.40	400.00	-	9,387.04	-	690.00
Reduction for <u>Weatherization</u> Credited to Customers' Accounts												
Interest expense on unused OR <u>Weatherization</u> as of 20th of each month (DEFORXXX)	308.53	22.89	32.59	(75.74)	(139.20)	(36.36)	1,124.73	454.47	417.57	540.06	433.55	303.63
Interest expense on unused OR <u>CAT</u> as of 20th of each month (DEFORXXX)												
Adjustments / Cash Receipts												
Total - per above	(179,530.24)	(231,195.52)	(270,751.73)	(280,340.29)	(295,638.68)	(306,835.33)	(275,539.91)	(280,474.76)	(287,558.40)	(297,749.92)	(313,552.63)	(344,971.92)
47OR.2429.01 GL Balance	(231,195.52)	(270,751.73)	(280,340.29)	(295,638.68)	(306,835.33)	(275,539.91)	(280,474.76)	(287,558.40)	(297,749.92)	(313,552.63)	(344,971.92)	(398,641.31)

Conservation Achievement 47OR.2429.03	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
Beg. GL balance	209,845.10	216,557.82	221,567.82	256,799.52	270,193.50	280,635.92	378,131.27	382,430.31	382,430.31	382,430.31	399,232.42	399,232.42
Reclass from Weatherization 47OR.2429.01												
Neighborhood Impact + CAPECO	6,712.72	5,010.00	35,231.70	13,393.98	10,442.42	97,495.35	4,299.04	-	-	16,802.11	-	3,995.00
Total - per above	30,314.86	216,557.82	221,567.82	256,799.52	270,193.50	280,635.92	378,131.27	382,430.31	382,430.31	382,430.31	399,232.42	403,227.42
47OR.2429.03 GL Balance	216,557.82	221,567.82	256,799.52	270,193.50	280,635.92	378,131.27	382,430.31	382,430.31	382,430.31	399,232.42	399,232.42	403,227.42

47OR.2429.01 & 47OR.2429.03	(14,637.70)	(49,183.91)	(23,540.77)	(25,445.18)	(26,199.41)	102,591.36	101,955.55	94,871.91	84,680.39	85,679.79	54,260.50	4,586.11
Difference	-	-	0.00	0.00	0.00	-	-	-	-	-	(0.00)	(0.00)