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November 25, 2020

CNG/O20-11-01

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, 2021:

Fourth Revision of Sheet No. 31.1

Overview

The purpose of this filing is to increase the Rule 31, Public Purpose Charge (PPC) from 4.928% to 5.103%. This rate is set to collect the 2021 budget projections for the Energy Trust of Oregon (Energy Trust or ETO) 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. This filing does not include any impact of programs yet to be defined under the COVID-19 Energy Term Sheet approved by the Commission. (Docket UM 2114, Order 20-401).

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 delivered natural gas energy efficiency programs offered to sales customers in Cascade's Oregon service territory as well as the Company's low-income assistance programs, which include OLIBA, OLIEC and CAT.

The proposed 5.103% PPC charge is set to collect \$3,374,491 as shown in Attachment 1. 98.11% or \$3,310,580 of the proposed amount will be transferred to Energy Trust for the administration of Cascade's energy efficiency programs. 1.89% of the overall PPC collection will be reserved to fund adjustments to Cascade's low-income assistance programs in Oregon in the amount of \$63,911. The low-income adjustment includes a collection of \$120,000 to fund the anticipated OLIBA 2021 budget during the COVID-19 pandemic.

Bill Impacts

As mentioned, the Public Purpose Charge is proposed to increase from 4.928% to 5.103%. The estimated monthly bill impact for the average residential customer using 60 therms per month will be increased by approximately \$0.09 and the average commercial customer bill using 252 therms per month will be increased by \$0.29. Industrial customers, using an average of 1,693 therms per month will be increased by approximately \$1.86 per month. These impacts are presented in detail in Attachment 2.

Program Budgets

Energy Trust Programs

Energy Trust forecasts expenditures of \$4,211,027 as stated in Energy Trust's estimates provided to the Company. Energy Trust and Cascade have agreed upon an additional budget reserve of \$395,908 for a total 2021 total funding resource of \$4,606,935. The negotiated reserve is a large percentage of the overall expenditures (9.5% in 2021) due to Cascade's relatively small ETO budget. 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. The total funding resource of \$4,606,935 is offset by a prior year carryover and interest adjustment of \$1,296,355. The net of the funding resource and the carryover and interest equals the ETO target collection amount of \$3,310,580.

Oregon Bill Pay Assistance (OLIBA)

Order No. 06-191 approved the Company's decoupling mechanism filed in UG-167 and established the Oregon Low-Income Bill Assistance program's annual budget at \$50,000. The OLIBA program fund was overspent by approximately \$14,865 as of October 31, 2020 as shown on Page 2 of Attachment 4. Cascade has been tracking OLIBA spending since the start of the COVID-19 pandemic and has observed bill assistance to customers and payments to agencies over twice the rate of historical averages. The Company believes this trend may continue through the 2020-2021 heating season and for most of the 2021 calendar year. The Company therefore proposes a 2021 OLIBA budget of \$120,000. The OLIBA-related PPC calculation can be seen in Attachment 1. An OLIBA trend analysis used to estimate 2021 spending levels can be seen in Attachment 5.

OLIEC/CAT

OLIEC and CAT are complementary programs established in Cascade's tariff Schedule 33. The 2021 budget, set at 0.625% of the Company's 12-months of Oregon gross revenues less transportation revenues ending May 31, 2020 is \$416,741. The programs had a combined overcollection balance of \$472,830 as of October 31, 2020, this amount is used to offset the 2021 budget requirements for both programs. Given the program has an overcollection balance greater than its proposed budget, the difference will be refunded to customers in the PPC rate calculation. This calculation can also be seen in Attachment 1.

Work Papers

The following work papers are attached:

- **Attachment No. 1** – This attachment shows the 2021 budgets for the programs funded through the PPC. It also shows how the charge is derived using 2021 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 2021 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.
- **Attachment No.5** – The attachment contains the Company's projections for OLIBA in 2021. The workpaper compares 2020 OLIBA spending with historical averages for customer bill assistance and payments to agencies. The 2020 OLIBA spending trend is extrapolated into expected spending levels for 2021.

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

**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 5.103% 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.

(l)

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

- 5.006% 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.
- 0.097% will support public purpose funding for low-income conservation and bill assistance activities.

(C)

(C)

SPECIAL TERMS AND CONDITIONS

1. 98.11% 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.
2. 1.89% 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. The funding will be designated for low-income conservation programs with the remaining funds to be designated for bill payment assistance.

(C)

(C)

(continued)

**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 4.9285.103% 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.

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

- 4.9335.006% 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)
- -0.0050.097% will support public purpose funding for low-income conservation and bill assistance activities. (C)

SPECIAL TERMS AND CONDITIONS

1. 100.1198.11% 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. -0.111.89% 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. The funding will be designated for low-income conservation programs with the remaining funds to be designated for bill payment assistance. (C)
(+) (+) (+)

(continued)

ATTACHMENT 1 - ADVICE NO. O20-11-01

2021 Public Purpose Budget Calculation		PPC %	Notes
2021 ETO Est. Expenditures	\$4,211,027		1
- Negotiated Reserve @ 9.5%	\$395,908		2
Carryover & Interest	<u>(\$1,296,355)</u>		3
Total Energy Trust Budget	\$3,310,580	98.11%	
Low Income Program Budgets			
- OLIEC /CAT Projected Revenue	\$416,741		4
- OLIEC/CAT Carryover	(\$472,830)		5
- Bill Pay Assistance Adjust	\$120,000		6
Total LI Program Budget	\$63,911	1.89%	
Total PPC Budget	\$3,374,491	100.00%	

	101	104	105	111	170	Total
Projected Therms (Jan 21 - Dec 21)	49,006,027	31,027,893	3,254,252	2,221,513	1,911,059	87,420,745
Rates (Nov 1) proposed	\$0.749410	\$0.634690	\$0.616397	\$0.549689	\$0.515880	
Total Volumetric Revenue	\$36,725,606	\$19,693,094	\$2,005,911	\$1,221,141	\$985,877	
2021 Projected Annual Customers	834272	123650	1837	216	36	
Customer charge	\$5.00	\$10.00	\$30.00	\$125.00	\$300.00	
BSC Revenue	\$4,171,361	\$1,236,501	\$55,099	\$27,000.00	\$10,800.00	
Total Revenue	\$40,896,968	\$20,929,595	\$2,061,011	\$1,248,141	\$996,677	\$66,132,392

PPC % **5.103%**

Amt for ETO	5.006%	\$3,310,580.00	Net OLIEC/CAT	-87.76%	(\$56,089)
Amt for Low Income Programs	0.097%	\$63,911.00	Bill Pay Adjust	187.76%	\$120,000
Total PPC Budget	5.103%	\$3,374,491.00	Total LI Budget	100%	\$63,911

1. 2021 ETO Estimated Expenditures
2. ETO's negotiated program reserve is 9.5% of expenditures in 2020.
3. ETO's prior year carryover and interest anticipated for 2021
4. In Advice No. O16-10-01, the Commission authorized 0.625% of the Company's Oregon revenues (less transportation revenue) as the OLIEC/CAT annual budget. The 2021 budget is 0.625% of Oregon Operating Revenue for 12 months ending May 31, 2020, less transportation revenue.
5. October 31, 2020 ending OLIEC/ CAT balance.
6. Historical OLIBA budget is \$50,000 as agreed to in UG-167. Cascade projects bill assistance requirement of \$120,000 in 2021. The 2021 OLIBA trend analysis is shown in Attachment 5.

ATTACHMENT 2 - ADVICE NO. O20-11-01

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	\$5.00	\$0.74390	\$49.63	\$2.45	\$2.53	\$0.09
2	Commercial	104	252	\$10.00	\$0.62918	\$168.55	\$8.31	\$8.60	\$0.29
3	Industrial	105	1,693	\$30.00	\$0.61089	\$1,064.24	\$52.45	\$54.30	\$1.86
4	Large Volume General	111	13,025	\$125.00	\$0.54418	\$7,212.94	\$355.45	\$368.05	\$12.60
5	Industrial Interruptible	170	53,459	\$300.00	\$0.51037	\$27,583.87	\$1,359.33	\$1,407.50	\$48.17
	Current PPC	4.928%							
	Proposed PPC	5.103%							

The PPC rate is a percentage of current revenues excluding transportation revenues.

ATTACHMENT 3 - ADVICE NO. O20-11-01

	2021 Demand Forecast				
	101	104	105	111	170
1/1/2021	8,021,344	4,873,961	447,265	289,940	300,070
2/1/2021	6,404,658	3,927,158	372,694	238,749	204,975
3/1/2021	5,039,521	2,929,822	307,058	191,696	181,517
4/1/2021	3,618,233	2,115,584	239,770	154,799	144,055
5/1/2021	2,298,531	1,471,913	169,146	137,337	106,242
6/1/2021	1,454,479	1,098,364	119,368	108,488	82,056
7/1/2021	1,133,007	984,136	123,173	122,525	79,197
8/1/2021	1,134,576	982,223	123,444	122,525	79,197
9/1/2021	1,662,435	1,288,521	169,430	129,826	92,095
10/1/2021	3,517,990	2,266,664	293,387	188,552	142,217
11/1/2021	6,124,033	3,825,523	399,112	240,038	212,207
12/1/2021	8,597,218	5,264,024	490,404	297,039	287,232
	49,006,027	31,027,893	3,254,252	2,221,513	1,911,059

	2021 Customer Forecast				
	101	104	105	111	170
1/1/2021	68,953	10,308	152	18	3
2/1/2021	69,084	10,311	152	18	3
3/1/2021	69,244	10,323	153	18	3
4/1/2021	69,336	10,335	153	18	3
5/1/2021	69,362	10,320	153	18	3
6/1/2021	69,359	10,304	153	18	3
7/1/2021	69,398	10,284	153	18	3
8/1/2021	69,459	10,263	153	18	3
9/1/2021	69,453	10,252	153	18	3
10/1/2021	69,855	10,270	154	18	3
11/1/2021	70,202	10,310	154	18	3
12/1/2021	70,566	10,368	155	18	3

Demand and customer forecasts are the basis of Attachment 1

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ATTACHMENT 4 - ADVICE NO. O20-11-01

	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
Beg. GL balance (532,108.17)	(532,108.17)	(538,734.47)	(374,652.77)	(334,984.50)	(195,539.25)	(143,031.43)	(119,935.68)	(100,445.33)	(104,857.00)	(115,781.97)	(239,135.90)	(71,730.05)
Customers' contributions (from customers' bills) (CC&B INTERFACE)	(599,863.30)	(407,446.35)	(396,627.55)	(324,010.69)	(177,741.72)	(145,850.57)	(114,594.88)	(90,284.89)	(99,051.19)	(126,264.51)		
PP charge from unbilled revenue (reversing accrual) for both CNGC & customers' portions (LG Vol Unbilled & UNBILDXXXX)	(316,846.53)	(285,219.72)	(224,552.43)	(96,571.83)	(62,191.81)	(36,565.92)	(22,648.29)	(37,388.74)	(54,270.53)	(167,405.85)		
Reversal of prior month's accrual (from unbilled revenue calc) (UNBILDXXXX) Prior Mon.	376,080.42	316,846.53	285,219.72	224,552.43	96,571.83	62,191.81	36,565.92	22,648.29	37,388.74	54,270.53	167,405.85	-
Reduction of liability for uncollectibles by the estimated average net write off percentage. (ETOACCXXXX)	(591.96)	(411.67)	(368.08)	(214.86)	(157.16)	(131.78)	(110.37)	(115.22)	(127.22)	(262.76)		
Reclass (8%) to CNG Weatherization and Low Income Bill Assist Programs (ETOACCXXXX)	2,486.90	1,578.44	1,343.84	705.70	487.43	420.78	342.29	283.56	278.23	526.69		
Payment to Energy Trust of Oregon (Prior month balance)	532,108.17	538,734.47	374,652.77	334,984.50	195,539.25	143,031.43	119,935.68	100,445.33	104,857.00	115,781.97		
Total - per above (532,108.17)	(538,734.47)	(374,652.77)	(334,984.50)	(195,539.25)	(143,031.43)	(119,935.68)	(100,445.33)	(104,857.00)	(115,781.97)	(239,135.90)	(71,730.05)	(71,730.05)
Ending GL balnce	(538,734.47)	(374,652.77)	(334,984.50)	(195,539.25)	(143,031.43)	(119,935.68)	(100,445.33)	(104,857.00)	(115,781.97)	(239,135.90)		
Difference	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(71,730.05)	(71,730.05)

Oregon Low Income Assistance
(OR Low Income Program Liability)

	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
Beg. GL balance (2,164.79)	(2,164.79)	(8,564.11)	(11,119.52)	(12,686.00)	(10,186.75)	(7,393.59)	(5,674.20)	(1,279.47)	6,470.56	14,536.57	14,864.75	14,864.75
Transfer 30% of the 7% ETO eligible Liab (24208502) to Bill Assistance program. (ETOACCXXX)	(7,408.32)	(5,152.01)	(4,606.48)	(2,688.95)	(1,966.84)	(1,649.21)	(1,381.27)	(1,441.97)	(1,592.15)	(3,288.42)		
Pmts to Community Agencies (admin fees) Neighborimpact, Community Connection, Community in Action, and CAPECO	406.00	120.60		1,103.20	817.00	788.60	516.00	1,052.00	1,210.00	2,091.60		
Reduction for Bill Assistance Credited to Customers' Accounts (CC&B Interfacexxxx)	603.00	2,476.00	3,040.00	4,085.00	3,943.00	2,580.00	5,260.00	8,140.00	8,448.16	1,525.00		
Interest expense on unused low income assistance as of 20th of each month (DEFORXXX)												
Adjustments / Rounding YTD												
Total - per above (2,164.79)	(8,564.11)	(11,119.52)	(12,686.00)	(10,186.75)	(7,393.59)	(5,674.20)	(1,279.47)	6,470.56	14,536.57	14,864.75	14,864.75	14,864.75
Ending GL balnce	(8,564.11)	(11,119.52)	(12,686.00)	(10,186.75)	(7,393.59)	(5,674.20)	(1,279.47)	6,470.56	14,536.57	14,864.75	14,864.75	14,864.75
Difference	-	-	-	-	-	-	-	-	-	-	-	-

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

Weatherization 47OR.2429.01	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
Beg. GL balance (1,017,468.45)	(1,017,468.45)	(1,009,468.17)	(995,648.43)	(990,673.87)	(987,770.06)	(985,646.06)	(983,865.07)	(982,373.43)	(980,816.24)	(979,096.87)	(975,545.69)	(975,545.69)
Transfer 70% of the 7% ETO eligible Liab to OR Weatherization program (ETOACCXXX)	8,000.28	5,563.68	4,974.56	2,903.81	2,124.00	1,780.99	1,491.64	1,557.19	1,719.37	3,551.18		
Reduction for Weatherization Payments to Community Agencies (Neighborimpact + Community Conn.)		8,256.06										
Reduction for Weatherization Credited to Customers' Accounts												
Interest expense on unused OR Weatherization as of 20th of each month (DEFORXXX)												
Interest expense on unused OR CAT as of 20th of each month (DEFORXXX)												
Adjustments / Cash Receipts												
Total - per above (1,017,468.45)	(1,009,468.17)	(995,648.43)	(990,673.87)	(987,770.06)	(985,646.06)	(983,865.07)	(982,373.43)	(980,816.24)	(979,096.87)	(975,545.69)	(975,545.69)	(975,545.69)
47OR.2429.01 GL Balance	(1,009,468.17)	(995,648.43)	(990,673.87)	(987,770.06)	(985,646.06)	(983,865.07)	(982,373.43)	(980,816.24)	(979,096.87)	(975,545.69)	(975,545.69)	(975,545.69)

Conservation Achievement 47OR.2429.03	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
Beg. GL balance 490,971.99	490,971.99	490,971.99	502,715.93	502,715.93	502,715.93	502,715.93	502,715.93	502,715.93	502,715.93	502,715.93	502,715.93	502,715.93
Reclass from Weatherization 47OR.2429.01												
Neighborhood Impact + CAPECO		11,743.94										
Total - per above (526,496.46)	490,971.99	502,715.93	502,715.93	502,715.93	502,715.93	502,715.93	502,715.93	502,715.93	502,715.93	502,715.93	502,715.93	502,715.93
47OR.2429.03 GL Balance	490,971.99	502,715.93	502,715.93	502,715.93	502,715.93	502,715.93	502,715.93	502,715.93	502,715.93	502,715.93	502,715.93	502,715.93

47OR.2429.01 & 47OR.2429.03	(518,496.18)	(492,932.50)	(487,957.94)	(485,054.13)	(482,930.13)	(481,149.14)	(479,657.50)	(478,100.31)	(476,380.94)	(472,829.76)	-	-
Difference	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(472,829.76)	(472,829.76)

8,256.06

Energy Trust of Oregon Liability

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Beg. GL balance (346,866.55)	(346,866.55)	(504,643.62)	(510,785.33)	(408,184.18)	(281,055.83)	(131,075.27)	(135,004.74)	(108,731.64)	(80,171.51)	(142,810.07)	(339,741.63)	(123,817.90)
Customers' contributions (from customers' bills) (CC&B INTERFACE)	(462,418.49)	(515,324.22)	(580,318.78)	(405,778.34)	(230,631.44)	(167,347.38)	(130,113.88)	(114,158.71)	(113,268.16)	(230,155.25)		
PP charge from unbilled revenue (reversing accrual) for both CNGC & customers' portions (LG Vol Unbilled & UNBILDXXXX)	(375,700.60)	(412,037.40)	(277,044.78)	(178,050.41)	(90,478.63)	(70,435.30)	(58,946.89)	(32,298.67)	(74,976.19)	(215,923.73)		
Reversal of prior month's accrual (from unbilled revenue calc) (UNBILDXXXX) Prior Mon.	288,278.58	375,700.60	412,037.40	277,044.78	178,050.41	90,478.63	70,435.30	58,946.89	32,298.67	74,976.19	215,923.73	-
Reduction of liability for uncollectibles by the estimated average net write off percentage. (ETOACCXXXX)	1,743.71	1,820.49	1,663.48	1,288.50	586.54	559.77	438.90	367.54	717.34	1,818.41		
Reclass (8%) to CNG Weatherization and Low Income Bill Assist Programs (ETOACCXXXX)	43,453.18	43,987.24	35,887.58	24,439.64	11,397.85	11,739.54	9,454.93	6,971.44	12,418.27	29,542.75		
Payment to Energy Trust of Oregon (Prior month balance)	346,866.55	499,711.58	510,376.25	408,184.18	281,055.83	131,075.27	135,004.74	108,731.64	80,171.51	142,810.07		
Total - per above (346,866.55)	(504,643.62)	(510,785.33)	(408,184.18)	(281,055.83)	(131,075.27)	(135,004.74)	(108,731.64)	(80,171.51)	(142,810.07)	(339,741.63)	(123,817.90)	(123,817.90)
Ending GL balnce	(504,643.62)	(510,785.33)	(408,184.18)	(281,055.83)	(131,075.27)	(135,004.74)	(108,731.64)	(80,171.51)	(142,810.07)	(339,741.63)		
Difference	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	0.00	(123,817.90)	(123,817.90)

Oregon Low Income Assistance
(OR Low Income Program Liability)

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Beg. GL balance (48,875.44)	(48,875.44)	(41,584.04)	(36,640.80)	(34,802.36)	(26,206.15)	(22,542.58)	(20,209.17)	(15,481.77)	(9,985.19)	(7,048.96)	(5,439.41)	(5,439.41)
Transfer 30% of the 7% ETO eligible Liab (24208502) to Bill Assistance program. (ETOACCXXXX)	(869.06)	(879.74)	(717.76)	(488.79)	(227.96)	(234.79)	(189.10)	(139.43)	(248.37)	(590.85)		
Pmts to Community Agencies (admin fees) Neighborimpact, Community Connection, Community in Action, and CAPECO	1,273.20	1,438.60	851.20	341.00	1,748.80	439.20	425.80	924.80	982.60	440.40		
Reduction for Bill Assistance Credited to Customers' Accounts (CC&B Interfacexxxx)	7,183.00	4,102.33	1,705.00	8,744.00	2,142.73	2,129.00	4,490.70	4,711.21	2,202.00	1,760.00		
Interest expense on unused low income assistance as of 20th of each month (DEFORXXXX)	(295.74)	282.05										
Adjustments / Rounding YTD												
Total - per above (48,875.44)	(41,584.04)	(36,640.80)	(34,802.36)	(26,206.15)	(22,542.58)	(20,209.17)	(15,481.77)	(9,985.19)	(7,048.96)	(5,439.41)	(5,439.41)	(5,439.41)
Ending GL balnce	(41,584.04)	(36,640.80)	(34,802.36)	(26,206.15)	(22,542.58)	(20,209.17)	(15,481.77)	(9,985.19)	(7,048.96)	(5,439.41)		
Difference	-	-	-	-	-	-	-	-	-	-	(5,439.41)	(5,439.41)

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

Weatherization 47OR.2429.01	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Beg. GL balance (720,197.02)	(720,197.02)	(763,791.89)	(805,999.39)	(838,498.08)	(858,868.55)	(870,038.44)	(877,963.83)	(887,229.66)	(894,061.67)	(906,081.57)	(935,033.47)	(935,033.47)
Transfer 70% of the 7% ETO eligible Liab to OR Weatherization program (ETOACCXXX)	(42,584.12)	(43,107.50)	(35,169.82)	(23,950.85)	(11,169.89)	(11,504.75)	(9,265.83)	(6,832.01)	(12,169.90)	(28,951.90)		
Reduction for Weatherization Payments to Community Agencies (Neighborimpact + Community Conn.)			2,671.13	3,580.38		3,579.36			150.00			
Reduction for <u>Weatherization</u> Credited to Customers' Accounts Interest expense on unused OR <u>Weatherization</u> as of 20th of each month (DEFORXXX)												
Interest expense on unused OR <u>CAT</u> as of 20th of each month (DEFORXXX)	(1,010.75)	900.00										
Adjustments / Cash Receipts												
Total - per above (720,197.02)	(763,791.89)	(805,999.39)	(838,498.08)	(858,868.55)	(870,038.44)	(877,963.83)	(887,229.66)	(894,061.67)	(906,081.57)	(935,033.47)	(935,033.47)	(935,033.47)
47OR.2429.01 GL Balance	(763,791.89)	(805,999.39)	(838,498.08)	(858,868.55)	(870,038.44)	(877,963.83)	(887,229.66)	(894,061.67)	(906,081.57)	(935,033.47)		
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Conservation Achievement 47OR.2429.03	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Beg. GL balance 473,546.58	473,546.58	473,546.58	473,546.58	477,618.35	484,868.35	484,868.35	490,971.99	490,971.99	490,971.99	490,971.99	490,971.99	490,971.99
Reclass from Weatherization 47OR.2429.01 Neighborhood Impact + CAPECO			4,071.77	7,250.00		6,103.64						
Total - per above (246,650.44)	473,546.58	473,546.58	477,618.35	484,868.35	484,868.35	490,971.99	490,971.99	490,971.99	490,971.99	490,971.99	490,971.99	490,971.99
47OR.2429.03 GL Balance	473,546.58	473,546.58	477,618.35	484,868.35	484,868.35	490,971.99	490,971.99	490,971.99	490,971.99	490,971.99		
47OR.2429.01 & 47OR.2429.03	(290,245.31)	(332,452.81)	(360,879.73)	(374,000.20)	(385,170.09)	(386,991.84)	(396,257.67)	(403,089.68)	(415,109.58)	(444,061.48)	-	-
Difference	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(444,061.48)	(444,061.48)

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)	(276,778.13)
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)	(208,597.34)	(371,509.48)
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)	(240,577.01)	(288,278.58)
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	240,577.01
Reduction of liability for uncollectibles by the estimated average net write off percentage. (ETOACCXXXX)	1,315.76	1,311.71	1,146.87	857.05	487.06	400.87	346.66	241.98	428.16	692.41	1,036.96	1,299.55
Reclass (7%) to CNG Weatherization and Low Income Bill Assist Programs (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	56,689.50	71,044.95
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	173,578.99	276,778.13
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)	(276,778.13)	(346,866.55)
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)	(276,778.13)	(346,866.55)
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 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)	(41,743.45)	(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)	(47,685.16)
Transfer 30% of the 7% 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)	(6,235.85)	(7,814.94)
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	92.60	626.00
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	3,130.00	6,223.49
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)	(241.53)	(224.83)
Adjustments / Rounding YTD												
Total - per above (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)	(47,685.16)	(48,875.44)
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)	(47,685.16)	(48,875.44)
Difference	-	-	-	-	-	-	-	-	-	-	-	-

**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)	(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)	(656,362.47)
Transfer 70% of the 7% 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)	(50,453.65)	(63,230.01)
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	-		400.00
Reduction for <u>Weatherization</u> Credited to Customers' Accounts Interest expense on unused OR <u>Weatherization</u> as of 20th of each month (DEFORXXX)												
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)	(843.19)	(1,004.54)
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)	(656,362.47)	(720,197.02)
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)	(656,362.47)	(720,197.02)
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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	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	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	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)	(182,815.89)	(246,650.44)
Difference	-	-	-	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	0.00	0.00	0.00

ATTACHMENT 5 - ADVICE NO. O20-11-01

ETO	5.50123775	8.628004913	7.024191831	7.304442094	10.34189199	6.41039578	5.565575019	7.253677054	7 months
Pmt to Agencies	3.235190616	0.467177493	1.795537341	1.211836543	1.137543253	1.231426827	4.749318801	1.975432982	7 months
Credit to customers	0.467177493	1.84017585	1.211836543	1.171309595	1.727793921	3.836584923	0.866477273	1.588765086	7 months

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	
Beg. GL balance	10,859.47	14,880.04	22,356.04	31,614.75	41,397.03	50,166.19	57,365.80	61,868.42	67,630.27	73,722.44	74,016.59	73,981.68	
Transfer 30% of the 7% ETO eligible Liab (24208502) to Bill Assistance program. (ETOACCXXXX)	(6,303.88)	(6,381.35)	(5,206.40)	(3,545.52)	(1,653.55)	(1,703.09)	(1,371.67)	(1,011.38)	(1,592.15)	(3,288.42)	(5,490.60)	(6,712.63)	
Pmts to Community Agencies (admin fees) Neighborimpact, Community Connection, Community in Action, and CAPECO	1,615.93	1,557.76	2,219.80	2,604.71	2,085.87	1,479.53	1,478.16	1,052.00	1,941.06	869.98	695.35	952.16	18,552.32
Reduction for Bill Assistance Credited to Customers' Accounts (CC&B Interfacexxxx)	8,708.52	12,299.59	12,245.30	10,723.09	8,336.84	7,423.16	4,396.14	5,721.23	5,743.25	2,712.59	4,760.34	6,739.93	89,809.99
Interest expense on unused low income assistance as of 20th of each month (DEFORXXXX)													108,362.31
													10,859.47
													119,221.78
Adjustments / Rounding YTD													
Total - per above	10,859.47	14,880.04	22,356.04	31,614.75	41,397.03	50,166.19	57,365.80	61,868.42	67,630.27	73,722.44	74,016.59	73,981.68	74,961.14
Ending GL balnce	14,880.04	22,356.04	31,614.75	41,397.03	50,166.19	57,365.80	61,868.42	67,630.27	73,722.44	74,016.59	73,981.68	74,961.14	

Difference

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Historical Payments to Agencies by Month

	jan	feb	march	april	may	1.128211813 june	0.738902148 july	2.321623862 august	2.341311134 sept	4.053427274 oct	nov	dec	
2020	406.00	120.60	-	1,103.20	817.00	788.60	516.00	1,052.00	1,210.00	2,091.60	695.35	952.16	9,752.51
2019	1,273.20	1,438.60	851.20	341.00	1,748.80	439.20	425.80	924.80	982.60	440.40	352.00	482.00	9,699.60
2018	379.00	1,154.20	397.20	1,322.40	845.91	422.44	215.60	354.40	282.80	194.60	92.60	626.00	6,287.15
2017	482.00	317.80	1,393.20	1,585.40	1,122.60	1,822.40	1,369.60	411.38	604.00	190.47	306.00	582.60	10,187.45
2016	472.20	1,011.20	899.20	2,219.60	747.20	328.80	700.40	515.40	310.55	611.40	215.00	475.20	8,506.15
2015	444.80	921.20	342.40	1,044.00	504.40	441.40	1,045.00	2.00	525.00	584.80	254.20	371.60	6,480.80
2014	571.60	1,030.00	1,363.20	1,039.20	1,000.20	-	1,086.60	439.00	20.00	384.00	92.20	621.00	7,647.00
2013	1,816.80	407.27	2,055.80	1,501.20	1,656.80	484.80	794.20	211.20	70.00	146.80	307.60	-	9,452.47
2012	1,025.20	222.60	2,136.19	919.00	426.04	1,563.20	131.80	168.00	646.29	-	-	659.00	7,897.32
Ave	763.42	735.94	1,048.71	1,230.56	985.44	698.98	698.33	453.13	516.80	516.01	257.22	529.95	
	1,615.93	1,557.76	2,219.80	2,604.71	2,085.87	1,479.53	1,478.16	959.14	1,093.92	1,092.23	544.45	1,121.74	

above ave factor
2.116695

Historical Bill Assistance by Month

	jan	feb	march	april	may	0.758954982 june	2.612760138 july	3.10684783 august	3.212101933 sept	1.22763864 oct	nov	dec	
2020	603.00	2,476.00	3,040.00	4,085.00	3,943.00	2,580.00	5,260.00	8,140.00	8,448.16	1,525.00	3,325.24	3,225.19	46,650.59
2019	7,183.00	4,102.33	1,705.00	8,744.00	2,142.73	2,129.00	4,490.70	4,711.21	2,202.00	1,760.00	2,092.97	2,030.00	43,292.94
2018	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	3,130.00	6,223.49	35,531.98
2017	1,589.00	6,966.00	7,758.88	5,219.00	9,112.00	6,979.91	2,133.44	2,863.06	703.34	775.00	1,894.00	2,245.00	48,238.63
2016	5,056.00	4,496.00	10,798.00	4,036.00	1,644.00	5,468.00	569.68	1,552.73	3,057.00	1,075.00	2,212.65	2,410.00	42,375.06
2015	4,991.00	1,712.00	4,799.00	2,522.00	2,207.00	5,225.00	(30.54)	2,480.77	2,716.43	1,271.00	1,858.00	2,011.00	31,762.66
2014	5,150.00	6,705.67	5,074.93	4,945.71	2,959.00	2,460.40	2,175.02	100.00	1,535.00	392.00	3,802.96	1,734.04	37,034.73
2013	4,436.34	11,568.00	6,111.61	8,284.00	2,424.00	3,745.39	859.16	350.00	734.00	1,538.00	570.00	2,288.01	42,908.51
2012	1,113.00	10,681.00	4,595.00	2,130.19	7,816.00	929.00	889.31	1,826.00	3,652.00	2,381.00	734.00	5,612.00	42,358.50
Ave	3,988.04	5,632.56	5,607.70	4,910.60	3,817.83	3,399.41	2,013.20	2,620.02	2,630.10	1,242.22	2,179.98	3,086.53	
	8,708.52	12,299.59	12,245.30	10,723.09	8,336.84	7,423.16	4,396.14	5,721.23	5,743.25	2,712.59	4,760.34	6,739.93	

above ave factor
2.183661

forecasted