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November 18, 2019

NWN OPUC Advice No. 19-19

**VIA ELECTRONIC FILING**

Public Utility Commission of Oregon  
Attention: Filing Center  
201 High Street SE, Suite 100  
Post Office Box 1088  
Salem, Oregon 97308-1088

**Re: Schedule 301—Public Purposes Funding Surcharge  
Schedule 320—Oregon Low-Income Energy Efficiency (OLIEE) Programs**

Northwest Natural Gas Company, dba NW Natural (NW Natural or the Company), files herewith the following revision to its Tariff P.U.C. Or. 25, stated to become effective with service on and after **January 1, 2020**.

Eighth Revision of Sheet 301-1	Schedule 301	Public Purposes Funding Surcharge
Third Revision of Sheet 320-1	Schedule 320	Oregon Low-Income Energy Efficiency (OLIEE) Programs
Second Revision of Sheet 320-3	Schedule 320	Oregon Low-Income Energy Efficiency (OLIEE) Programs
Fourth Revision of Sheet 320-4	Schedule 320	Oregon Low-Income Energy Efficiency (OLIEE) Programs
Third Revision of Sheet 320-5	Schedule 320	Oregon Low-Income Energy Efficiency (OLIEE) Programs

**Purpose**

This filing is made for three purposes: 1) to revise Schedule 301 Public Purposes Funding Surcharge (Schedule 301) to update the portion allocated to the Energy Trust of Oregon (ETO); 2) to revise Schedule 301 to increase the portion of public purpose funds allocated to Oregon Low-Income Energy Efficiency; and, 3) to update the terms and parameters outlined in Oregon Low-Income Energy Efficiency (OLIEE) Programs (Schedule 320).

**Proposed Changes**

1. Public Purpose Funds Allocated to the ETO

The purpose of this portion of the filing is to revise the portion of public purpose funds allocated to the ETO for the administration of residential and commercial energy

efficiency programs from 3.88% to 3.70%. This change is intended to provide the ETO with approximately \$23.3 million dollars of total program funding in 2020, which is sufficient to acquire nearly 3.9 million of them savings.

Attached are worksheets demonstrating the calculation of the rate, the impact this will have on customer bills, and a worksheet from the ETO detailing their funding requirements for 2020.

## 2. Public Purpose Funds Allocated to OLIEE

The purpose of this portion of the filing is to revise Schedule 301 to increase the public purpose surcharge for low-income energy efficiency activities from 0.55% to 0.85%. This change is intended to provide the OLIEE program with approximately \$4.7 million of total program funding in 2020, an increase of \$1.7 million from the previous funding level at 0.55%.

In May of 2018 a Low Income Utility Program Working Group was convened to issue a report to the Governor's Carbon office. This group included, among others, the Public Utility Commission of Oregon, Oregon Department of Energy, Oregon Housing and Community Services, Oregon Citizen's Utility Board, Northwest Energy Coalition, the Governor's Office, Oregon Senators, Oregon Representatives, ETO, and the gas and electric utilities from around the state.<sup>1</sup>

One of the summarizing conclusions from the report was "It is clear that the need [for low income program support] is far greater than the current available funding" and "opportunities also exist to provide additional energy assistance and weatherization funding."

NW Natural engaged with stakeholders and its advisory committee to develop the proposed funding increase and Schedule 320 changes in this filing. The funding increase will support the total number and diversity of households served. The increase in funding would also increase the ability to reach households in communities underserved or unreached by today's programs.

### Combined Effects of Changes to Schedule 301

The combined effect of the changes relating to Public Purpose Funds allocated to ETO and OLIEE in this filing will result in a total public purpose charge of 5.30%<sup>2</sup> applied to Residential bills and 4.55% applied to Commercial bills. The effect of this filing is to increase the average residential bill by about \$0.07 per month and the average small commercial bill by about \$0.23 per month. Attached are worksheets demonstrating the calculation of the rate and the impact this will have on customer bills.

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<sup>1</sup> The Report was published in December 2018 and can be found at the following link:  
[https://www.oregon.gov/gov/Documents/LowIncomeUtilityWG\\_Report1282019.pdf](https://www.oregon.gov/gov/Documents/LowIncomeUtilityWG_Report1282019.pdf)

<sup>2</sup> This includes Schedule 310, Oregon Low-Income Gas Assistance, as well as, Schedule 320 and Schedule 350.

In compliance with OAR 860-022-0025 and 860-022-0030, NW Natural provides the following table of customer impacts of the proposed changes in this filing.

Class	Rate Schedule	Customers	Average Monthly Bill Change (\$)	Average Monthly Bill Change (%)
Residential	Schedule 2	606,253	\$0.07	0.1%
Commercial	Schedule 3	58,419	\$0.23	0.1%
Commercial	Schedule 27	2,332	\$0.04	0.1%
Commercial Firm Sales	Schedule 31	689	\$2.07	0.1%

There is no change in the Company’s operating revenue as a result of this filing.

3. Revisions to OLIEE Schedule 320

The purpose of this portion of the filing is to propose revisions to Schedule 320 that are intended to allow for clarification and more efficient administration of the OLIEE program. A summary of each proposed change is provided below. Please note that NW Natural also proposes to change the use of the term “rebate” throughout the tariff pages listed below by removing it or replacing it with a more generic term of “funding” or similar to reflect the broader nature of reimbursement that occurs in the OLIEE program.

- Available (Sheet 320-1). NW Natural proposes to clarify and simplify the applicability of the OLIEE program to residential dwellings; the existing language narrowly refers to Residential Customer Class, which may be interpreted to preclude availability of the program for buildings that provide low income housing. Simplifying the language clarifies the program availability for residential dwellings regardless of the Customer Class of the building. This same change is made for consistency on Sheet 320-3 near the end of item 1.

In addition, the Company proposes clarifying that the premise rather than an occupant must have an active customer account ensures broader applicability of the program in situations where the occupant is not the responsible party for the gas account.

- Agency Qualifications and Responsibilities for CAP Funds (Sheet 320-3).

Item 1. NW Natural proposes adding “housing” to allow agencies that assist with low-income housing to take advantage of this funding.

Item 5. NW Natural proposes language clarification to indicate that the Department of Energy residential energy analysis software tool may not be used in all situations, such as when the measure is for a multiple-dwelling application.

- Customer Qualifications for CAP Funds (Sheet 320-3). NW Natural proposes clarifying language in the event NWN receives a request to process a payment on a project from two or more Agencies. There is no change in content.
- CAP Administration and Delivery Costs (Sheet 320-4). NW Natural is proposing to simplify the description of administration and delivery costs by combining the \$750 in this section with the total \$850 in the Audit and Inspection Reimbursement section for a total of \$1,600 for administrative and program costs incurred by CAP Agencies and removing the Audit and Inspection Reimbursement section. The proposed change has no impact on the total reimbursement to CAP agencies for incurred costs and streamlines the tariff language.
- Energy Efficiency Measures and Rebates (Sheet 320-4). NW Natural proposes to clarify confusing language about the exception for the application of a Savings to Investment Ratio of 1.0 by rearranging the order of the measures currently listed. In addition, the Company proposes to add language to allow measures identified as cost effective by a third party organization, such as the Energy Trust of Oregon, to be considered as qualifying under the OLIEE program. This change will expand the option of energy efficiencies available to the program, enabling more widespread energy efficiency adoption.
- NW Natural proposes to increase the maximum allowance for energy efficiency measures from the current \$10,000 to \$15,000. This increase in funding is made possible by the proposed increase to the Public Purpose Charge funding allocated to OLIEE programs. The proposed increase of the maximum allowance to \$15,000 includes a provision for the types of measures installed; when no heating measures are installed, the maximum is \$10,000 per dwelling and when only heating measures are installed the maximum is \$5,000. Thus, the increase in the maximum allowance creates space for heating measures without reducing the amounts available for non-heating measures. While most projects have not reached the current \$10,000 cap, the proposed changes are designed to provide additional funding so that measures

may include heating equipment. In addition, the Company has proposed language that enables coordination with other energy efficiency funding providers to facilitate payments and reporting.

- Health, Safety, and Repair (HSR) Allowance (Sheet 320-5). NW Natural proposes language clarification regarding the availability of funds for HSR measures. Replacement of “will” with “may” allows the Company to manage the program and limit costs as necessary.

The Company respectfully requests that the tariff sheets filed herein be approved to become effective with service on and after January 1, 2020.

Copies of this letter and the filing made herewith are available in NW Natural’s main office in Portland, Oregon and on its website at [www.nwnatural.com](http://www.nwnatural.com).

Please address correspondence on this matter to me with copies to the following:

eFiling  
Rates & Regulatory Affairs  
NW Natural  
220 NW Second Avenue  
Portland, Oregon 97209  
Telephone: (503) 226-4211, x3589  
[eFiling@nwnatural.com](mailto:eFiling@nwnatural.com)

Sincerely,

*/s/ Rebecca T. Brown*

Rebecca T. Brown  
Regulatory Compliance

Attachments

# NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Eighth Revision of Sheet 301-1  
Cancels Seventh Revision of Sheet 301-1

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## SCHEDULE 301 PUBLIC PURPOSES FUNDING SURCHARGE

### PURPOSE:

To specify the method of billing of a Public Purposes surcharge that is to fund 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 programs, residential low-income energy efficiency programs, and residential low-income bill payment assistance programs designed to benefit Residential and Commercial Customers within NW Natural's service territory in Oregon.

### APPLICABLE:

To Residential and Commercial Customers served on the following Rate Schedules of this Tariff:

Residential	Commercial
Rate Schedule 2	Rate Schedule 3 (03CSF)
	Rate Schedule 27 (27R)
	Rate Schedule 31 (31CSF)

### ADJUSTMENT TO RATES: Effective: January 1, 2020

A Public Purposes surcharge will be assessed on the total energy use billed (the total of the Customer Charge plus the per therm usage charges) and shown as a line item on each customer's monthly bill as follows:

Residential: 5.30% of the total energy use billed  
Commercial: 4.55% of the total energy use billed

(C)

(I)  
(I)

The funds collected from such Public Purposes surcharge shall be allocated to specific separate accounts to fund the specified public purposes program(s) as follows:

### **RESIDENTIAL:**

3.70% will support public purpose funding for **Schedule 350** energy efficiency programs delivered and administered by the Energy Trust of Oregon (Energy Trust).

(R)

0.75% will support public purpose funding for **Schedule 310** low-income bill payment assistance activities.

0.85% will support public purpose funding for **Schedule 320** low-income energy efficiency activities.

(I)

### **COMMERCIAL:**

3.70% will support public purpose funding for **Schedule 350** energy efficiency programs delivered and administered by the Energy Trust.

(R)

0.85% will support public purpose funding for **Schedule 320** low-income energy efficiency activities.

(I)

(continue to Sheet 301-2)

Issued November 18, 2019  
NWN OPUC Advice No. 19-19

Effective with service on  
and after January 1, 2020

**SCHEDULE 320  
OREGON LOW-INCOME ENERGY EFFICIENCY (OLIEE) PROGRAMS**

**PURPOSE:**

To describe the Oregon Low-Income Energy Efficiency (OLIEE) program, which is funded through a designated portion of the Schedule 301 "Public Purposes Funding Surcharge." The OLIEE program includes two parts: 1) the Community Action Program (CAP) and 2) the Open Solicitation Program (OSP).

**AVAILABLE:**

This program is available to income-eligible residential dwellings located within NW Natural's Oregon service territory where (1) a gas Service Line is installed at the Premise; (2) the primary space heating equipment is fueled by Natural Gas, and (3) and the premise has an active account with the Company, or will have an active account upon completion of work performed under this **Schedule 320**. Any residential dwelling that received assistance for the installation of the same or similar measures under any other energy efficiency program may not be eligible for assistance under this program.

(C)  
(C)

**PROGRAM YEAR and REPORTING:**

The OLIEE program year will extend from October 1 through September 30 (Program Year). The Company will submit an Annual Report of the OLIEE Programs to the Commission by December 31 following the end of each Program Year.

The Annual Report will consistently include the same Program Year results from year to year. The Annual Report will include the number of homes targeted for completion in the next Program Year, and the average savings per dwelling treated under CAP.

**PROGRAM FUNDING:**

Each month, the Company will bill and collect Public Purposes funds in accordance with **Schedule 301** of this Tariff. By the 20<sup>th</sup> of the month following the billing month, the amount collected, net of an allowance for uncollectibles, will be deposited into a market-based interest bearing bank account dedicated to the OLIEE program (OLIEE Account). The reserve for uncollectibles shall be in an amount equal to NW Natural's average percentage of residential net write-offs.

**PROGRAM ADMINISTRATION, EVALUATION AND VERIFICATION:**

All OLIEE programs are to be administered by the Company in accordance with this **Schedule 320**. The Company will be reimbursed from the OLIEE Account each month for actual program administration costs incurred, except that such reimbursement will not exceed five percent (5%) of the total funds available during each Program Year.

(continue to Sheet 320-2)

**SCHEDULE 320**  
**OREGON LOW-INCOME ENERGY EFFICIENCY (OLIEE) PROGRAMS**  
(continued)

**Agency Qualifications and Responsibilities for CAP Funds:**

1. In order to qualify to participate in the OLIEE program, an Agency must be a legal entity that has been in the business of providing housing or energy efficiency services to low-income customers for at least one year. Any Agency that is contracting or subcontracting with the State of Oregon, Department of Housing and Community Services (OHCS), which is eligible to administer funding under the Federal Low Income Energy Assistance Program (LIEAP) is automatically authorized to participate. All other Agencies must first apply to the Company for authorization to participate. The conditions upon which the Company will approve an application will include, but are not necessarily limited to (a) availability of funds, (b) Agency location, and (c) number of residential dwellings served by NW Natural. (C)
2. All Agencies must enter into a written contract with the Company in order to participate in the administration and delivery of funds under this program. (C)
3. Each participating Agency will have sole responsibility to screen and approve applicants for eligibility. Each Agency shall follow the established protocols for the qualification of and disbursement to eligible participants in accordance with the guidelines of this program and the guidelines promulgated by OHCS and the Low-Income Energy Assistance Act of 1981 and subsequent amendments, as outlined in the OHCS Omnibus Contract.
4. Each participating Agency shall be responsible to complete and return to the Company, all required paperwork and other documentation as may be necessary for the Company to process the request in a form prescribed by the Company.
5. Each participating Agency must agree to abide by the program parameters established in this Schedule including using, where applicable, the Department of Energy (DOE) approved residential, energy analysis software tool ("Energy Analyzer Software") in determination of all measures that qualify for funding under CAP. (C)
6. An Agency that fails to abide by the terms and conditions set forth in this tariff schedule may be removed from participating in the CAP Program. (C)
7. Each participating Agency must attend any training workshops offered in collaboration with the Company, OHCS and CAPO. Workshops will be designed to ensure agencies are consistently and accurately entering data into the Energy Analyzer Software. The Company shall inform Staff of the selected workshop trainer and provide a summary report on the workshop's accomplishments.

**Customer Qualifications for CAP Funds**

All CAP funds collected under this program will be used to weatherize qualified dwellings inhabited by customers of NW Natural. In the event the Company receives a request for premise from two or more Agencies, the Company will process only one request. (C)  
(C)

(continue to Sheet 320-4)



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**SCHEDULE 320**  
**OREGON LOW-INCOME ENERGY EFFICIENCY (OLIEE) PROGRAMS**  
(continued)

**CAP Administration and Delivery Costs**

Each Agency will be reimbursed from the OLIEE Account for administrative costs and direct program costs incurred by them in their administration and delivery of the OLIEE program up to \$1,600 per dwelling. The Agency fee will be paid to each Agency along with the measure rebate payments. The Company will process measure rebate payments and Agency payments within thirty (30) days from the date the Company receives all completed documentation in support of such rebate request(s). (C)

**Annual Program Year Targets (households)**

At the beginning of each Program Year, each participating Agency will be assigned a home completion target that supports the achievement of an annual program target. Agency targets may be adjusted from time to time throughout a Program Year, as necessary. Nothing precludes Agencies from serving more than the annual target of homes in any program year provided sufficient funds are available and approved by the Company. The Company will include the expected targets for the following year, by Agency, in the Annual Report.

**Energy Efficiency Measures**

Qualifying energy efficiency measures are, 1) energy efficiency measures recommended when the dwelling is modeled in the Energy Analyzer Software. All measures prescribed by the Energy Analyzer Software for the whole house must meet or exceed a Savings to Investment Ratio (SIR) of 1.0 or better unless identified through number 2 or 3 below. The SIR calculation will use the Energy Information Administration’s Oregon residential natural gas price as the cost against which the benefits are measured 2) The replacement of non-functioning or red-tagged heating equipment with a high efficiency gas furnace. Heating equipment is considered red-tagged when a representative from the Company or an Agency has deemed the appliance unsafe to operate, 3) Measures identified as cost effective by third party organizations (Regional Technical Forum, Energy Trust of Oregon, etc.). (C)  
(C)  
(C)  
(N)(C)  
(C)(N)  
(N)

The energy efficiency measure payment may not exceed \$15,000 per dwelling. When only heating equipment measures are performed, the payment may be up to \$5,000 per dwelling. When no heating equipment measures are installed, energy efficiency measure(s) paid per dwelling shall not exceed \$10,000. When both heating equipment and non heating equipment measures are included the payment may not exceed \$15,000 per dwelling. To accommodate timing differences between measure installations, the payment may be disbursed through one or more requests provided all of the work is based on the same audit. Only one energy efficiency audit per home will be eligible for payment under the OLIEE Program. Under no circumstances will the payment exceed the actual installed cost of the measure(s). The Company may coordinate with other funders (eg Energy Trust of Oregon) to facilitate payments and appropriate reporting of measures. (C)(I)  
(N)  
(N)  
(N)  
(N)  
(C)  
(C)  
(N)  
(N)

(C)

(continue to Sheet 320-5)

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**SCHEDULE 320**  
**OREGON LOW-INCOME ENERGY EFFICIENCY (OLIEE) PROGRAMS**  
(continued)

**Health, Safety and Repair (HSR) Allowance**

In addition to funds for qualifying energy efficiency measures, funds may be available for the costs of health, safety and repair (HSR) measures. HSR measures are those items that if not completed would adversely impact the safety and health of the occupants or the effectiveness of the energy efficiency measures. Standard efficiency furnace replacements may qualify for HSR funds if the existing furnace is broken, is found to produce an unsafe level of CO emissions, is back-drafting, or has a cracked heat exchanger and a high-efficiency furnace is not cost-effective or if it is physically impossible to install a high-efficiency furnace. When a furnace is replaced with a standard efficiency furnace, the Agency must specify the reasons for the replacement in the reimbursement request.

(C)

The maximum annual HSR disbursement available to each Agency will be \$1,000 times the actual number of households treated by the Agency in the Program Year (HSR Allowance).

Each Agency will have discretion in the use of their individual HSR Allowance such that they may use more or less than the \$1,000 on any one home. Each Agency must manage their HSR funds to ensure that the average HSR amount per home is not more than \$1,000.

**Agency Reporting Requirements**

For each home treated under the OLIEE Program, each Agency will be required to report to the Company, the following information:

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• Customer Name (as shown on NW Natural Account)</li> <li>• NWN Account Number</li> <li>• Service Address</li> <li>• Owner, Occupant or Property Manager Name</li> <li>• Owner, Occupant or Property Manager Phone Number</li> <li>• Audit Date</li> <li>• Measure Completion Date</li> <li>• Reimbursement Request Date</li> <li>• Agency and Agency Representative</li> <li>• Size of home in square feet and Year Built</li> <li>• Measure description</li> <li>• Installed cost per measure</li> <li>• Estimated therm savings per measure</li> <li>• Energy Analyzer Software SIR per measure</li> <li>• Total Energy Analyzer Software SIR for</li> </ul> | <ul style="list-style-type: none"> <li>• Measure Group</li> <li>• Total Cost of all energy efficiency measures installed (EEMC)</li> <li>• Total Energy Analyzer Software estimated savings for each household (Total therms)</li> <li>• Total job cost to Agency (OLIEE and non-OLIEE measure costs)</li> <li>• Cost per measure</li> <li>• Fuel cost savings per measures</li> <li>• Total HSR measure cost</li> <li>• Total Reimbursement Request: (energy efficiency measure costs up to annual limit + Admin + HSR)</li> <li>• Prior 12 months of gas usage</li> <li>• Projected savings as a percentage of the last 12 months gas usage</li> </ul> |
|--|--|

(continue to Sheet 320-6)

EXHIBIT A

BEFORE THE PUBLIC UTILITY COMMISSION  
OF OREGON

NW NATURAL SUPPORTING MATERIALS

NWN OPUC Advice No. 19-19, ADV \_\_\_\_

November 18, 2019

# NW NATURAL

## EXHIBIT A

### Supporting Materials

NWN'S OPUC ADVICE NO. 19-19 / ADV \_\_\_\_\_

Description	Page
ETO-Related PPC Calculation	1
Oregon Bill Impacts of 2020 Public Purpose Charges	2
ETO 2020 Oregon Energy Efficiency Program Funding Requirements	3
OLIEE-Related PPC Calculation	4
Oregon Bill Impacts of 2020 Public Purpose Charges	5
ETO and OLIEE Combined PPC Calculation	6
Oregon Bill Impacts of 2020 Public Purpose Charges – Combined Effects	7

**NW Natural**  
**OPUC Advice No. 19-19**  
**Schedule 301**

**ETO-Related PPC Calculation**

Schedule	customers	Estimated collection for tracker year	Addition for new PPC charge with new PPC	Current average bill	Current average bill with old PPC	Total % Bill Change
2R	606,253.0	399,887,649	\$2.03	\$56.77	\$56.86	-0.2%
27 dry-out	2,332.0	1,024,276.0	\$1.36	\$38.05	\$38.11	-0.2%
3C Firm Sales	58,419.0	135,475,858	\$ 7.15	\$200.50	\$200.85	-0.2%
31C Firm Sales	689.0	14,157,676	\$63.75	\$1,786.85	\$1,789.96	-0.2%
Total expected collection		<u>550,545,459</u>				
PPC 1 year		<u>20,358,144</u>				
<b>Proposed ETO PPC Rate</b>		<b>3.70%</b>				
Current ETO related PPC		3.88%				
Change		-0.18%				
% Change in Rate		-4.6%				

**NW Natural**  
**Rates & Regulatory Affairs**  
**OPUC Advice No. 19-19 - 2020 Public Purpose Charges**  
**Oregon Bill Impacts of 2020 Public Purpose Charges**

1				
2		Monthly bill	ETO related	Monthly bill
3		<u>w/out PPC</u>	<u>PPC charge</u>	<u>w/ PPC</u>
4	<b><u>Residential</u></b>			
5	Current Bill (ETO PPC = 3.88%)	\$54.74	\$2.12	\$56.86
6	Proposed Bill (ETO PPC = 3.70%)	\$54.74	\$2.03	\$56.77
7	\$ Change		(\$0.09)	(\$0.09)
8	% Change		-4.2%	-0.2%
9	RS2 using average therms/month:	54		
10				
11				
12	<b><u>Commercial</u></b>			
13	Current Bill (ETO PPC = 3.88%)	\$193.35	\$7.50	\$200.85
14	Proposed Bill (ETO PPC = 3.70%)	\$193.35	\$7.15	\$200.50
15	\$ Change		(\$0.35)	(\$0.35)
16	% Change		-4.7%	-0.2%
17	RS3 using average therms/month:	235		
18				
19				
20	<b><u>Notes:</u></b>			
21	Current Bill (ETO PPC = 3.88%)			
22	Proposed Bill (ETO PPC = 3.70%)			

## Energy Trust of Oregon 2020 Oregon Energy Efficiency Program Funding Requirements

<b>PROGRAM EXPENSE</b>	
Program Costs to achieve 3,949,125 annual therms in 2020	\$21,082,439
Program Reserve	\$2,264,347
<b>TOTAL EXPENSE plus RESERVE</b>	<b>\$23,346,786</b>

<b>PROGRAM FUNDING</b>	
2020 Schedule 301 Collections	\$20,358,144
2019 Forecasted Year End Carry Over plus Interest Income	\$2,988,642
<b>TOTAL FUNDING RESOURCE</b>	<b>\$23,346,786</b>

**NW Natural**  
**OPUC Advice No. 19-19**  
**Schedule 301**

**OLIEE-Related PPC Calculation**

Schedule	customers	Estimated collection for tracker year	Addition for new PPC charge	Current average bill with new PPC	Current average bill with old PPC	Total % Bill Change
2R	606,253.0	399,887,649	\$0.47	\$55.21	\$55.04	0.3%
27 dry-out	2,332.0	1,024,276.0	\$0.31	\$37.00	\$36.89	0.3%
3C Firm Sales	58,419.0	135,475,858	\$ 1.64	\$194.99	\$194.41	0.3%
31C Firm Sales	689.0	14,157,676	\$14.65	\$1,737.75	\$1,732.58	0.3%
	Total expected collection	<u>550,545,459</u>				
	PPC 1 year	<u>4,700,962</u>				
	<b>Proposed OLIEE PPC Rate</b>	<b>0.85%</b>				
	Current OLIEE related PPC	0.55%				
	Change	0.30%				
	% Change in Rate	54.5%				



**NW Natural**  
**Rates & Regulatory Affairs**  
**OPUC Advice No. 19-19 - 2020 Public Purpose Charges**  
**Oregon Bill Impacts of 2020 Public Purpose Charges**

1				
2				
3				
4	<b><u>Residential</u></b>			
5	Current Bill (OLIEE-Related PPC = 0.55%)	\$54.74	\$0.30	\$55.04
6	Proposed Bill (OLIEE-Related PPC = 0.85%)	\$54.74	\$0.47	\$55.21
7	\$ Change		\$0.17	\$0.17
8	% Change		56.7%	0.3%
9	RS2 using average therms/month:	53		
10				
11				
12	<b><u>Commercial</u></b>			
13	Current Bill (OLIEE-Related PPC = 0.55%)	\$193.35	\$1.06	\$194.41
14	Proposed Bill (OLIEE-Related PPC = 0.85%)	\$193.35	\$1.64	\$194.99
15	\$ Change		\$0.58	\$0.58
16	% Change		54.7%	0.3%
17	RS3 using average therms/month:	237		
18				
19				
20	<b><u>Notes:</u></b>			
21	Current Bill (OLIEE-Related PPC = 0.55%)			
22	Proposed Bill (OLIEE-Related PPC = 0.85%)			

**NW Natural**  
**OPUC Advice No. 19-19**  
**Schedule 301**

**ETO & OLIEE COMBINED PPC Calculation**

Schedule	customers	Estimated collection for tracker year	Addition for new PPC charge	Current average bill with new PPC	Current average bill with old PPC	Total % Bill Change
2R	606,253	399,887,649	\$2.49	\$57.23	\$57.16	0.1%
27 dry-out	2,332	1,024,276.0	\$1.67	\$38.36	\$38.32	0.1%
3C Firm Sales	58,419	135,475,858	\$8.80	\$202.15	\$201.92	0.1%
31C Firm Sales	689	14,157,676	\$78.40	\$1,801.50	\$1,799.43	0.1%
	Total expected collection	<u>550,545,459</u>				
	PPC 1 year	<u>25,059,106</u>				
	<b>Proposed ETO &amp; OLIEE COMBINED PPC Rate</b>	<b>4.55%</b>				
	Current ETO & OLIEE related PPC	4.43%				
	Change	0.12%				
	% Change in Rate	2.7%				

**NW Natural**

**Rates & Regulatory Affairs**

**OPUC Advice No. 19-19 - 2020 Public Purpose Charges - COMBINED EFFECTS**

**Oregon Bill Impacts of 2020 Public Purpose Charges COMBINED EFFECTS**

1				
2				
3				
4	<b><u>Residential</u></b>			
5	Current Bill (ETO & OLIEE COMBINED PPC = 4.43%)	\$54.74	\$2.42	\$57.16
6	Proposed Bill (ETO & OLIEE COMBINED PPC = 4.55%)	\$54.74	\$2.49	\$57.23
7	\$ Change		\$0.07	\$0.07
8	% Change		2.9%	0.1%
9	RS2 using average therms/month:	54		
10				
11				
12	<b><u>Commercial</u></b>			
13	Current Bill (ETO & OLIEE COMBINED PPC = 4.43%)	\$193.35	\$8.57	\$201.92
14	Proposed Bill (ETO & OLIEE COMBINED PPC = 4.55%)	\$193.35	\$8.80	\$202.15
15	\$ Change		\$0.23	\$0.23
16	% Change		2.7%	0.1%
17	RS3 using average therms/month:	235		
18				
19				
20	<b><u>Notes:</u></b>			
21	Current Bill (ETO & OLIEE COMBINED PPC = 4.43%)			
22	Proposed Bill (ETO & OLIEE COMBINED PPC = 4.55%)			