$\qquad$
(UM 1804)

## 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: Credits to Customers Related to Holding Company Formation

Northwest Natural Gas Company, dba NW Natural ("NW Natural" or the "Company"), files herewith revisions to its Tariff, P.U.C. Or. $25^{1}$ ("the Tariff"), stated to become effective with service on and after November 1, 2018, as follows:

Original Sheet 173-1,
Schedule 173,
"Credits to Customers Related to Holding Company Formation"; and
Original Sheet 173-2,
Schedule 173,
"Credits to Customers Related to Holding Company Formation (continued)."
The purpose of this compliance filing is to request approval of a new Adjustment Schedule for inclusion in the Company's Tariff to reflect the credit to be applied to customer bills in accordance with Stipulated Condition 44 adopted by the Commission in Docket UM 1804, OPUC Order No. 17-526 dated December 28, 2017.

The effect of the application of the new temporary adjustments is to decrease the Company's annual revenues by $\$ 514,483$, or about $0.08 \%$. In accordance with the order, the amounts are proposed to be recovered on an equal-percentage-of-margin basis.

The monthly bill of the average residential customer served under Rate Schedule 2 using 53 therms will decrease by about five cents. The monthly decrease for the average commercial Rate Schedule 3 customer using 244 therms per month is about $\$ 0.15$, and the monthly decrease for the average industrial Schedule 32 firm sales customer using 20,036 therms is about $\$ 4.31$.

Because the rate adjustments are calculated on an equal-percentage-of-margin basis, the proposed adjustments vary by rate schedule and as such are too numerous to list here. A worksheet showing all of the rate adjustments can be found in Exhibit A to this filing.

The number of customers affected by the proposed change is 597,459 residential customers, 61,205 commercial customers, and 956 industrial customers.

[^0]Public Utility Commission of Oregon
UG ; NWN OPUC Advice No. 18-12
September 14, 2018, Page 2

In addition to the supporting materials submitted as part of this filing, the Company will separately submit work papers in electronic format, all of which are incorporated herein by reference.

The Company requests that the tariff sheets filed herewith be permitted to become effective with service on and after November 1, 2018.

In accordance with ORS 757.205, copies of this letter and the filing made herewith are available in the Company's main office in Oregon and on its website at www.nwnatural.com.

Notice to customers will be made in accordance with OAR 860-022-0017.
Please address correspondence on this matter to me with copies to the following:

eFiling<br>Rates \& Regulatory Affairs<br>NW Natural<br>220 NW Second Avenue<br>Portland, Oregon 97209<br>Telecopier: (503) 721-2516<br>Telephone: (503) 226-4211, x3589<br>eFiling@nwnatural.com

Sincerely,
NW NATURAL
/s/ Kyle Walker, CPA
Kyle Walker, CPA
Rates \& Regulatory Affairs
Attachments: Exhibit A - Supporting Materials

## SCHEDULE 173 <br> CREDITS TO CUSTOMERS RELATED TO HOLDING COMPANY FORMATION

## PURPOSE:

To identify adjustments to rates in the Rate Schedules listed below for the credits to customers related to the formation of a holding company. The rate adjustments under this Schedule are made in compliance with Stipulated Condition 44 in Docket UM 1804 adopted by the Commission in Order No. 17-526.

## APPLICABLE:

To the following Rate Schedules of this Tariff:

## Rate Schedule 2 Rate Schedule 27 Rate Schedule 32 <br> Rate Schedule 3 Rate Schedule 31 Rate Schedule 33

## APPLICATION TO RATE SCHEDULES:

Effective: November 1, 2018
The Total Adjustment amount shown below is included in the Temporary Adjustments reflected in the above-listed Rate Schedules. NO ADDITIONAL ADJUSTMENT TO RATES IS REQUIRED.

| Schedule | Block | Total <br> Adjustment |
| :---: | :---: | :---: |
| 2 |  | $(\$ 0.00090)$ |
| 3 CSF |  | $(\$ 0.00063)$ |
| 3 ISF |  | $(\$ 0.00054)$ |
| 27 |  | $(\$ 0.00071)$ |
| 31 CSF | Block 1 | $(\$ 0.00049)$ |
|  | Block 2 | $(\$ 0.00045)$ |
| 31 CTF | Block 1 | $(\$ 0.00051)$ |
|  | Block 2 | $(\$ 0.00046)$ |
| 31 ISF | Block 1 | $(\$ 0.00035)$ |
|  | Block 2 | $(\$ 0.00032)$ |
| 31 ITF | Block 1 | $(\$ 0.00037)$ |
|  | Block 2 | $(\$ 0.00034)$ |
| 32 CSF | Block 1 | $(\$ 0.00033)$ |
|  | Block 2 | $(\$ 0.00028)$ |
|  | Block 3 | $(\$ 0.00020)$ |
|  | Block 4 | $(\$ 0.00012)$ |
|  | Block 5 | $(\$ 0.00007)$ |
|  | Block 6 | $(\$ 0.00003)$ |


| Schedule | Block | Total <br> Adjustment |
| :---: | :---: | :---: |
| 32 ISF | Block | $(\$ 0.00023)$ |
|  | Block | $(\$ 0.00020)$ |
|  | Block | $(\$ 0.00014)$ |
|  | Block | $(\$ 0.00008)$ |
|  | Block | $(\$ 0.00005)$ |
|  | Block | $(\$ 0.00002)$ |
| 32 CTF/ITF | Block | $(\$ 0.00021)$ |
|  | Block | $(\$ 0.00018)$ |
|  | Block | $(\$ 0.00012)$ |
|  | Block | $(\$ 0.00007)$ |
|  | Block | $(\$ 0.00004)$ |
|  | Block | $(\$ 0.00002)$ |
|  | Block | $(\$ 0.00020)$ |
|  | Block | $(\$ 0.00017)$ |
|  | Block | $(\$ 0.00012)$ |
|  | Block | $(\$ 0.00007)$ |
|  | Block | $(\$ 0.00004)$ |
|  | Block | $(\$ 0.00002)$ |


| Schedule | Block | Total <br> Adjustment |
| :---: | :---: | :---: |
| 32 ISI | Block 1 | $(\$ 0.00019)$ |
|  | Block 2 | $(\$ 0.00016)$ |
|  | Block 3 | $(\$ 0.00012)$ |
|  | Block 4 | $(\$ 0.00007)$ |
|  | Block 5 | $(\$ 0.00004)$ |
|  | Block 6 | $(\$ 0.00002)$ |
| 32 CTI/ITI | Block 1 | $(\$ 0.00017)$ |
|  | Block 2 | $(\$ 0.00015)$ |
|  | Block 3 | $(\$ 0.00010)$ |
|  | Block 4 | $(\$ 0.00006)$ |
|  | Block 5 | $(\$ 0.00003)$ |
|  | Block 6 | $(\$ 0.00002)$ |
| 33 (all) |  | $(\$ 0.00001)$ |

(continue to Sheet 173-2)

Issued September 14, 2018
NWN OPUC Advice No. 18-12

Effective with service on and after November 1, 2018

## SCHEDULE 173

## CREDITS TO CUSTOMERS RELATED TO HOLDING COMPANY FORMATION

## (continued)

## GENERAL TERMS:

This Schedule is governed by the terms of this Schedule, the General Rules and Regulations contained in this Tariff, any other schedules that by their terms or by the terms of the Schedule apply to service under this Schedule, and by all rules and regulations prescribed by regulatory authorities, as amended from time to time.

## EXHIBIT A

## BEFORE THE PUBLIC UTILITY COMMISSION OF OREGON

## NW NATURAL SUPPORTING MATERIALS

Credits to Customers Related to Holding Company Formation

NWN OPUC Advice No. 18-12 / UG $\qquad$
September 14, 2018

## NW NATURAL

## EXHIBIT A

Supporting Material
Credits to Customers Related to Holding Company Formation NWN OPUC ADVICE NO. 18-12 / UG
Description Page
Calculation of Increments Allocated on Equal Percentage of Revenue ..... 1
Effects of Average Bill by Rate Schedule ..... 2
Basis for Revenue Related Costs ..... 3
Effects on Revenue ..... 4
Calculation of Increments Allocated on the EQUAL PERCENTAGE OF MARGIN BASIS

| Schedule | Block | Oregon PGA <br> Volumes page, Column F | Billing Rate from Rates page, Column A |  <br> Demand from Rates page, Column B+C+D* | Temps from Temporary Increment page, Column A | MARGI NRate | Volumetric <br> Margin | Customer Charge | Customers | Total Margin | Proposed Amount: Revenue Sensitive Multiplier: Amount to Amortize: | Holding Company Credit |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  | $(500,000)$ Temporary Increment |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 2.815\% add revenue sensitive factor |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | $(514,483)$ to all classes and schedules |  |  |
|  |  | A | B | C | D | $\underset{E}{E=B-C-D}$ | $\mathbf{F}=\mathbf{E} * \mathbf{A}$ | G | H | 1 |  | $\begin{gathered} \text { Multiplier } \\ \mathrm{J} \end{gathered}$ | $\begin{gathered} \text { Allocation to RS } \\ \mathbf{K} \end{gathered}$ | $\begin{gathered} \hline \text { Increment } \\ L \end{gathered}$ |
| 2R |  | 382,340,529 | \$0.83850 | \$0.41107 | (\$0.01727) | \$0.44470 | \$170,026,833 | \$8.00 | 597,459 | \$227,382,897 |  | 1.0 | ( $\$ 343,641$ ) | (\$0.00090) |
| 3C Firm Sales |  | 169,517,330 | \$0.79685 | \$0.41107 | \$0.03136 | \$0.35442 | \$60,080,332 | \$15.00 | 57,970 | \$70,514,932 |  | 1.0 | $(\$ 106,568)$ | (\$0.00063) |
| 31 Firm Sales |  | 4,684,198 | \$0.77033 | \$0.41107 | \$0.01614 | \$0.34312 | \$1,607,242 | \$15.00 | 355 | \$1,671,142 |  | 1.0 | $(\$ 2,526)$ | (\$0.00054) |
| 27 Dry Out |  | 1,072,229 | \$0.73387 | \$0.41107 | (\$0.01561) | \$0.33841 | \$362,853 | \$6.00 | 1,937 | \$502,317 |  | 1.0 | (\$759) | (\$0.00071) |
| 31C Firm Sales | Block 1 | 13,712,695 | \$0.54893 | \$0.29186 | \$0.04321 | \$0.21386 | \$5,141,384 | \$325.00 | 699 | \$7,867,484 |  | 1.0 | $(\$ 11,890)$ | (\$0.00049) |
|  | Block 2 | 11,300,457 | \$0.52996 | \$0.29186 | \$0.04264 | \$0.19546 |  |  |  |  |  | 1.0 |  | (\$0.00045) |
| 31C Firm Trans | Block 1 | 1,495,770 | \$0.18791 | \$0.00000 | \$0.00669 | \$0.18122 | \$587,922 | \$575.00 | 72 | \$1,084,722 |  | 1.0 | (\$1,639) | (\$0.00051) |
|  | Block 2 | 1,912,244 | \$0.17183 | \$0.00000 | \$0.00613 | \$0.16570 |  |  |  |  |  | 1.0 |  | (\$0.00046) |
| 311 Firm Sales | Block 1 | 4,480,787 | \$0.47445 | \$0.29186 | \$0.01371 | \$0.16888 | \$2,148,120 | \$325.00 | 211 | \$2,971,020 |  | 1.0 | (\$4,490) | (\$0.00035) |
|  | Block 2 | 9,117,388 | \$0.45773 | \$0.29186 | \$0.01326 | \$0.15261 |  |  |  |  |  | 1.0 |  | (\$0.00032) |
| 311 Firm Trans | Block 1 | 112,620 | \$0.16963 | \$0.00000 | \$0.00560 | \$0.16403 | \$68,463 | \$575.00 | 5 | \$102,963 |  | 1.0 | (\$156) | (\$0.00037) |
|  | Block 2 | 337,199 | \$0.15333 | \$0.00000 | \$0.00508 | \$0.14825 |  |  |  |  |  | 1.0 |  | (\$0.00034) |
| 32 C Firm Sales ${ }^{1}$ | Block 1 | 30,908,235 | \$0.40410 | \$0.29186 | \$0.01347 | \$0.09877 | \$3,847,713 | \$675.00 | 471 | \$8,483,357 |  | 1.0 | (\$12,821) | (\$0.00033) |
|  | Block 2 | 8,789,140 | \$0.38859 | \$0.29186 | \$0.01279 | \$0.08394 |  |  |  |  |  | 1.0 |  | (\$0.00028) |
|  | Block 3 | 949,347 | \$0.36280 | \$0.29186 | \$0.01166 | \$0.05928 |  |  |  |  |  | 1.0 |  | (\$0.00020) |
|  | Block 4 | 25,135 | \$0.33696 | \$0.29186 | \$0.01052 | \$0.03458 |  |  |  |  |  | 1.0 |  | (\$0.00012) |
|  | Block 5 | 0 | \$0.32119 | \$0.29186 | \$0.00955 | \$0.01978 |  |  |  |  |  | 1.0 |  | (\$0.00007) |
|  | Block 6 | 0 | \$0.31083 | \$0.29186 | \$0.00909 | \$0.00988 |  |  |  |  |  | 1.0 |  | (\$0.00003) |
| 321 Firm Sales ${ }^{1}$ | Block 1 | 5,602,336 | \$0.40145 | \$0.29186 | \$0.01206 | \$0.09753 | \$1,191,019 | \$675.00 | 60 | \$1,862,326 |  | 1.0 | (\$2,815) | (\$0.00023) |
|  | Block 2 | 6,047,501 | \$0.38637 | \$0.29186 | \$0.01160 | \$0.08291 |  |  |  |  |  | 1.0 |  | (\$0.00020) |
|  | Block 3 | 1,988,054 | \$0.36119 | \$0.29186 | \$0.01082 | \$0.05851 |  |  |  |  |  | 1.0 |  | (\$0.00014) |
|  | Block 4 | 787,826 | \$0.33605 | \$0.29186 | \$0.01004 | \$0.03415 |  |  |  |  |  | 1.0 |  | (\$0.00008) |
|  | Block 5 | 0 | \$0.32066 | \$0.29186 | \$0.00930 | \$0.01950 |  |  |  |  |  | 1.0 |  | (\$0.00005) |
|  | Block 6 | 0 | \$0.31065 | \$0.29186 | \$0.00899 | \$0.00980 |  |  |  |  |  | 1.0 |  | (\$0.00002) |
| 32 Firm Trans | Block 1 | 16,505,188 | \$0.09971 | \$0.00000 | \$0.00273 | \$0.09698 | \$4,842,889 | \$925.00 | 177 | \$6,807,589 |  | 1.0 | $(\$ 10,288)$ | (\$0.00021) |
|  | Block 2 | 18,272,096 | \$0.08473 | \$0.00000 | \$0.00232 | \$0.08241 |  |  |  |  |  | 1.0 |  | (\$0.00018) |
|  | Block 3 | 10,705,944 | \$0.05984 | \$0.00000 | \$0.00164 | \$0.05820 |  |  |  |  |  | 1.0 |  | (\$0.00012) |
|  | Block 4 | 20,210,199 | \$0.03492 | \$0.00000 | \$0.00097 | \$0.03395 |  |  |  |  |  | 1.0 |  | (\$0.00007) |
|  | Block 5 | 20,401,757 | \$0.01995 | \$0.00000 | \$0.00056 | \$0.01939 |  |  |  |  |  | 1.0 |  | (\$0.00004) |
|  | Block 6 | 3,247,753 | \$0.01002 | \$0.00000 | \$0.00029 | \$0.00973 |  |  |  |  |  | 1.0 |  | (\$0.00002) |
| 32 C Interr Sales | Block 1 | 5,440,472 | \$0.41842 | \$0.29186 | \$0.02601 | \$0.10055 | \$1,598,776 | \$675.00 | 56 | \$2,053,543 |  | 1.0 | (\$3,103) | (\$0.00020) |
|  | Block 2 | 7,486,554 | \$0.40295 | \$0.29186 | \$0.02562 | \$0.08547 |  |  |  |  |  | 1.0 |  | (\$0.00017) |
|  | Block 3 | 3,972,506 | \$0.37716 | \$0.29186 | \$0.02497 | \$0.06033 |  |  |  |  |  | 1.0 |  | (\$0.00012) |
|  | Block 4 | 4,854,576 | \$0.35139 | \$0.29186 | \$0.02433 | \$0.03520 |  |  |  |  |  | 1.0 |  | (\$0.00007) |
|  | Block 5 | 65,604 | \$0.33590 | \$0.29186 | \$0.02394 | \$0.02010 |  |  |  |  |  | 1.0 |  | (\$0.00004) |
|  | Block 6 | 0 | \$0.32544 | \$0.29186 | \$0.02349 | \$0.01009 |  |  |  |  |  | 1.0 |  | (\$0.00002) |
| 321 Interr Sales | Block 1 | 6,350,897 | \$0.41821 | \$0.29186 | \$0.02602 | \$0.10033 | \$1,890,561 | \$675.00 | 65 | \$2,415,894 |  | 1.0 | (\$3,651) | (\$0.00019) |
|  | Block 2 | 7,728,275 | \$0.40279 | \$0.29186 | \$0.02563 | \$0.08530 |  |  |  |  |  | 1.0 |  | (\$0.00016) |
|  | Block 3 | 3,911,705 | \$0.37706 | \$0.29186 | \$0.02499 | \$0.06021 |  |  |  |  |  | 1.0 |  | (\$0.00012) |
|  | Block 4 | 8,709,010 | \$0.35132 | \$0.29186 | \$0.02434 | \$0.03512 |  |  |  |  |  | 1.0 |  | (\$0.00007) |
|  | Block 5 | 2,630,559 | \$0.33588 | \$0.29186 | \$0.02396 | \$0.02006 |  |  |  |  |  | 1.0 |  | (\$0.00004) |
|  | Block 6 | 0 | \$0.32544 | \$0.29186 | \$0.02353 | \$0.01005 |  |  |  |  |  | 1.0 |  | (\$0.00002) |
| 32 Interr Trans | Block 1 | 8,589,936 | \$0.10042 | \$0.00000 | \$0.00226 | \$0.09816 | \$5,785,117 | \$925.00 | 83 | \$6,706,417 |  | 1.0 | (\$10,135) | (\$0.00017) |
|  | Block 2 | 16,089,250 | \$0.08536 | \$0.00000 | \$0.00192 | \$0.08344 |  |  |  |  |  | 1.0 |  | (\$0.00015) |
|  | Block 3 | 11,585,346 | \$0.06027 | \$0.00000 | \$0.00136 | \$0.05891 |  |  |  |  |  | 1.0 |  | (\$0.0001) |
|  | Block 4 | 29,563,048 | \$0.03515 | \$0.00000 | \$0.00079 | \$0.03436 |  |  |  |  |  | 1.0 |  | (\$0.00006) |
|  | Block 5 | 53,552,522 | \$0.02010 | \$0.00000 | \$0.00045 | \$0.01965 |  |  |  |  |  | 1.0 |  | (\$0.00003) |
|  | Block 6 | 86,265,853 | \$0.01007 | \$0.00000 | \$0.00023 | \$0.00984 |  |  |  |  |  | 1.0 |  | (\$0.00002) |
| 33 |  | 0 | \$0.00575 | \$0.00000 | \$0.00009 | \$0.00566 | \$0 | \$38,000.00 | 0 | \$0 |  | 1.0 | \$0 | (\$0.00001) |

[^1]ALL VOLUMES IN THERMS 1
2
3
4
5
6
7
8

NW Natural
Rates \& Regulatory Affairs
2018-19 PGA - Oregon: September Filing
Effects on Average Bill by Rate Schedule [1]
ALL VOLUMES IN THERMS

| ALL VOLUMES IN THERMS |  |  |  |  |  |  |  |  |  | See note [10] |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 |  | Oregon PGA |  | Normal |  |  |  | Proposed | Proposed | Proposed |
| 2 |  | Normalized |  | Therms | Minimum | 11/1/2017 | 11/1/2017 | 11/1/2018 | 11/1/2018 | 11/1/2018 |
| 3 |  | Volumes page, | Therms in | Monthly | Monthly | Billing | Current | HoldCo Credit | HoldCo Credit | HoldCo Credit |
| 4 |  | Column D | Block | Average use | Charge | Rates | Average Bill | Rates | Average Bill | \% Bill Change |
| 5 |  |  |  |  |  |  | $\mathbf{F}=\mathbf{D + ( C * E )}$ |  | $\mathbf{A C}=\mathbf{D +}\left(\mathbf{C}^{*} \mathbf{A B}\right)$ | AD = (AC-F)/F |
| 6 Schedule | Block | A | B | C | D | E | F | AB | AC | AD |
| 7 2R |  | 382,340,529 | N/A | 53 | \$8.00 | \$0.83850 | \$52.44 | \$0.83760 | \$52.39 | -0.1\% |
| 8 3C Firm Sales |  | 169,517,330 | N/A | 244 | \$15.00 | \$0.79685 | \$209.43 | \$0.79622 | \$209.28 | -0.1\% |
| 931 Firm Sales |  | 4,684,198 | N/A | 1,100 | \$15.00 | \$0.77033 | \$862.36 | \$0.76979 | \$861.77 | -0.1\% |
| 1027 Dry Out |  | 1,072,229 | N/A | 46 | \$6.00 | \$0.73387 | \$39.76 | \$0.73316 | \$39.73 | -0.1\% |
| 31C Firm Sales | Block 1 | 13,712,695 | 2,000 | 2,982 | \$325.00 | \$0.54893 | \$1,943.28 | \$0.54844 | \$1,941.86 | -0.1\% |
|  | Block 2 | 11,300,457 | all additional |  |  | \$0.52996 |  | \$0.52951 |  |  |
| 31C Firm Trans | Block 1 | 1,495,770 | 2,000 | 1,731 | \$575.00 | \$0.18791 | \$900.27 | \$0.18740 | \$899.39 | -0.1\% |
|  | Block 2 | 1,912,244 | all additional |  |  | \$0.17183 |  | \$0.17137 |  |  |
| 311 Firm Sales | Block 1 | 4,480,787 | 2,000 | 5,371 | \$325.00 | \$0.47445 | \$2,816.91 | \$0.47410 | \$2,815.13 | -0.1\% |
|  | Block 2 | 9,117,388 | all additional |  |  | \$0.45773 |  | \$0.45741 |  |  |
| 311 Firm Trans | Block 1 | 112,620 | 2,000 | 7,497 | \$575.00 | \$0.16963 | \$1,757.12 | \$0.16926 | \$1,754.51 | -0.1\% |
|  | Block 2 | 337,199 | all additional |  |  | \$0.15333 |  | \$0.15299 |  |  |
| 32C Firm Sales | Block 1 | 30,908,235 | 10,000 | 7,196 | \$675.00 | \$0.40410 | \$3,582.90 | \$0.40377 | \$3,580.53 | -0.1\% |
|  | Block 2 | 8,789,140 | 20,000 |  |  | \$0.38859 |  | \$0.38831 |  |  |
|  | Block 3 | 949,347 | 20,000 |  |  | \$0.36280 |  | \$0.36260 |  |  |
|  | Block 4 | 25,135 | 100,000 |  |  | \$0.33696 |  | \$0.33684 |  |  |
|  | Block 5 | 0 | 600,000 |  |  | \$0.32119 |  | \$0.32112 |  |  |
|  | Block 6 | 0 | all additional |  |  | \$0.31083 |  | \$0.31080 |  |  |
| 321 Firm Sales | Block 1 | 5,602,336 | 10,000 | 20,036 | \$675.00 | \$0.40145 | \$8,567.11 | \$0.40122 | \$8,562.80 | -0.1\% |
|  | Block 2 | 6,047,501 | 20,000 |  |  | \$0.38637 |  | \$0.38617 |  |  |
|  | Block 3 | 1,988,054 | 20,000 |  |  | \$0.36119 |  | \$0.36105 |  |  |
|  | Block 4 | 787,826 | 100,000 |  |  | \$0.33605 |  | \$0.33597 |  |  |
|  | Block 5 | 0 | 600,000 |  |  | \$0.32066 |  | \$0.32061 |  |  |
|  | Block 6 | 0 | all additional |  |  | \$0.31065 |  | \$0.31063 |  |  |
| 32 Firm Trans | Block 1 | 16,505,188 | 10,000 | 42,064 | \$925.00 | \$0.09971 | \$4,338.61 | \$0.09950 | \$4,331.46 | -0.2\% |
|  | Block 2 | 18,272,096 | 20,000 |  |  | \$0.08473 |  | \$0.08455 |  |  |
|  | Block 3 | 10,705,944 | 20,000 |  |  | \$0.05984 |  | \$0.05972 |  |  |
|  | Block 4 | 20,210,199 | 100,000 |  |  | \$0.03492 |  | \$0.03485 |  |  |
|  | Block 5 | 20,401,757 | 600,000 |  |  | \$0.01995 |  | \$0.01991 |  |  |
|  | Block 6 | 3,247,753 | all additional |  |  | \$0.01002 |  | \$0.01000 |  |  |
| 32C Interr Sales | Block 1 | 5,440,472 | 10,000 | 32,387 | \$675.00 | \$0.41842 | \$13,818.48 | \$0.41822 | \$13,812.79 | 0.0\% |
|  | Block 2 | 7,486,554 | 20,000 |  |  | \$0.40295 |  | \$0.40278 |  |  |
|  | Block 3 | 3,972,506 | 20,000 |  |  | \$0.37716 |  | \$0.37704 |  |  |
|  | Block 4 | 4,854,576 | 100,000 |  |  | \$0.35139 |  | \$0.35132 |  |  |
|  | Block 5 | 65,604 | 600,000 |  |  | \$0.33590 |  | \$0.33586 |  |  |
|  | Block 6 | 0 | all additional |  |  | \$0.32544 |  | \$0.32542 |  |  |
| 321 Interr Sales | Block 1 | 6,350,897 | 10,000 | 37,687 | \$675.00 | \$0.41821 | \$15,811.36 | \$0.41802 | \$15,805.34 | 0.0\% |
|  | Block 2 | 7,728,275 | 20,000 |  |  | \$0.40279 |  | \$0.40263 |  |  |
|  | Block 3 | 3,911,705 | 20,000 |  |  | \$0.37706 |  | \$0.37694 |  |  |
|  | Block 4 | 8,709,010 | 100,000 |  |  | \$0.35132 |  | \$0.35125 |  |  |
|  | Block 5 | 2,630,559 | 600,000 |  |  | \$0.33588 |  | \$0.33584 |  |  |
|  | Block 6 | 0 | all additional |  |  | \$0.32544 |  | \$0.32542 |  |  |
| 32 Interr Trans | Block 1 | 8,589,936 | 10,000 | 206,472 | \$925.00 | \$0.10042 | \$9,491.89 | \$0.10025 | \$9,477.49 | -0.2\% |
|  | Block 2 | 16,089,250 | 20,000 |  |  | \$0.08536 |  | \$0.08521 |  |  |
|  | Block 3 | 11,585,346 | 20,000 |  |  | \$0.06027 |  | \$0.06017 |  |  |
|  | Block 4 | 29,563,048 | 100,000 |  |  | \$0.03515 |  | \$0.03509 |  |  |
|  | Block 5 | 53,552,522 | 600,000 |  |  | \$0.02010 |  | \$0.02007 |  |  |
|  | Block 6 | 86,265,853 | all additional |  |  | \$0.01007 |  | \$0.01005 |  |  |
| $55-33$ |  | 0 | N/A | 0 | \$38,000 | \$0.00575 | \$38,000.00 | \$0.00574 | \$38,000.00 | 0.0\% |

## Totals <br> 1,001,320,067

[1] For convenience of presentation, the cent per therm demand charge is used,
rather than the available MDDV demand option for Rate Schedules 31 and 32.
[2] Tariff Advice Notice 18-04: Non-Gas Cost Deferral Amortizations - Intervenor Funding
2 [3] Tariff Advice Notice 18-05: Non-Gas Cost Deferral Amortizations - Residual Account
63 [4] Tariff Advice Notice 18-06: Non-Gas Cost Deferral Amortizations - Oregon PUC Fee
64 [5] Tariff Advice Notice 18-07: Non-Gas Cost Deferral Amortizations - SRRM
65 [6] Tariff Advice Notice 18-08: Non-Gas Cost Deferral Amortizations - Industrial DSM
66 [7] Tariff Advice Notice 18-09: Non-Gas Cost Deferral Amortizations - Decoupling
67 [8] Tariff Advice Notice 18-10: Non-Gas Cost Deferral Amortizations - WARM
68 [9] Tariff Advice Notice 18-11: PGA
69 [10] Tariff Advice Notice 18-12: Non-Gas Cost Amortization per Order No. 17-526-Holding Company Formation Credit

## NW Natural <br> Rates and Regulatory Affairs <br> 2018-2019 PGA Filing - OREGON <br> Basis for Revenue Related Costs


NW NaturalRates \& Regulatory Affairs2018-2019 PGA Filing - Oregon: September FilingPGA Effects on Revenue
Tariff Advice 18-12: Holding Company Credit

|  | Not I ncluding Revenue Sensitive Amount |
| :---: | :---: |
| Temporary Increments |  |
| Removal of Current Temporary Increments |  |
| Amortization of Holding Company Credit | \$0 |
| Addition of Proposed Temporary Increments |  |
| Amortization of Holding Company Credit | $(514,483)$ |
| TOTAL OF ALL COMPONENTS OF RATE CHANGES | $(\$ 514,483)$ |
| 2017 Oregon Earnings Test Normalized Total Revenues | \$668,336,000 |
| Effect of this filing, as a percentage change (line $12 \div$ line 16) | -0.08\% |

## Not I ncluding Revenue Sensitive Amount

Temporary Increments
Removal of Current Temporary Increments
Amortization of Holding Company Credit
$(514,483)$
(\$514,483)
\$668,336,000
-0.08\%


[^0]:    ${ }^{1}$ Tariff P.U.C. Or. 25 originated November 1, 2012 with Docket UG 221; OPUC Order No. 12-408 as supplemented by Order No. 12-437, and was filed pursuant to ORS 767.205 and OAR 860-022-0005.

[^1]:    33
    
    ${ }^{1}$ Rate schedule 32 firm service includes as total margin the storage and distrubtion capacity charges and are derived using MDDV therm usages

