



250 SW Taylor Street
Portland, OR 97204

503-226-4211
nwnatural.com

September 1, 2022

NWN OPUC Advice No. 22-04A / UG 446
(UM 1101)

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: REPLACEMENT FILING
REQUEST FOR AMORTIZATION OF CERTAIN NON-GAS COST DEFERRED
ACCOUNTS RELATING TO: UM 1101 - Intervenor Funding**

Northwest Natural Gas Company, dba NW Natural (NW Natural or Company), files herewith revisions to its Tariff, P.U.C. Or. 25,¹ stated to become effective with service on and after November 1, 2022, as follows:

| | | |
|-------------------------------|--------------|--|
| Tenth Revision of Sheet 172-1 | Schedule 172 | Special Adjustment to Rates for Intervenor Funding |
|-------------------------------|--------------|--|

This filing replaces, in the entirety, the tariff sheets and Exhibit A originally filed under NWN OPUC Advice No. 22-04 (UG 446) dated July 29, 2022. The purpose of this replacement filing is to revise the customer usage forecast, which is used for the billing determinates in this Schedule.

Purpose

The purpose of this filing is to request amortization of amounts deferred for intervenor funding grants under docket UM 1101. The Company revises rates for this purpose annually; the last filing was effective November 1, 2021.

Background

This filing is in compliance with ORS 757.259, which authorizes deferred utility expenses or revenues to be allowed (amortized) in rates to the extent authorized by the Public Utility Commission of Oregon in a proceeding to change rates, and ORS 757.072, which deals directly with the deferral of intervenor funding. All of the deferrals included in this filing occurred with appropriate application by Commission authorization, as rate orders or under approved tariffs.

Proposed Changes

The net effect of the removal of the current temporary adjustments applied to rates effective November 1, 2021, and the application of the new temporary adjustments is to decrease the Company's annual revenues by \$85,619.

¹ Tariff P.U.C. Or. 25 originated November 1, 2012 with docket UG 221; Order No. 12-408 as supplemented by Order No. 12-437, and was filed in accordance with ORS 767.205 and OAR 860-022-0005.

There is no monthly bill impact to the residential or small commercial customer served under Rate Schedule 2 using 54 therms or Rate Schedule 3 using 242 therms. The monthly decrease for the average industrial Rate Schedule 3 customer using about 1,540 therms is \$0.10, the average industrial Rate Schedule 31 firm sales customer using 6,689 therms will see a monthly decrease of about \$0.40, and the average industrial Rate Schedule 32 firm sales customer using about 20,842 therms will see a monthly decrease of about \$1.25.

The proposed adjustments for the amortization of the Intervenor Funding Account are \$0.00027 per therm for the residential Rate Schedule 2 customers and \$0.00019 for Rate Schedule 3, Rate Schedule 31 and Rate Schedule 32 industrial customers.

In compliance with OAR 860-022-0025 the Company states that the number of customers affected by the proposed change in this filing is 631,884 residential customers and 834 industrial customers.

Conclusion

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

Please address correspondence on this matter to Lora Bourdo at lora.bourdo@nwnatural.com, with copies to:

eFiling
Rates & Regulatory Affairs
NW Natural
250 SW Taylor Street
Portland, Oregon 97204
Fax: (503) 220-2579
Telephone: (503) 610-7330
eFiling@nwnatural.com

Sincerely,

NW NATURAL

/s/ Kyle Walker, CPA

Kyle Walker, CPA
Rates/Regulatory Manager

Attachments: Exhibit A – Supporting Materials

NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Tenth Revision of Sheet 172-1
Cancels Ninth Revision of Sheet 172-1

SCHEDULE 172 SPECIAL ADJUSTMENT TO RATES FOR INTERVENOR FUNDING

PURPOSE:

To identify adjustments to rates in the Rate Schedules listed below for the amortization of deferred balances related to Intervenor Funding. The rate adjustments under this Schedule are made pursuant to the Intervenor Funding Agreement in Docket UM 1929 adopted by Commission in Order No. 18-017.

APPLICABLE:

To the following Rate Schedules of this Tariff:

Residential:

Rate Schedule 2

Industrial:

Rate Schedule 3 ISF

Rate Schedule 31 (all Industrial Classes)

Rate Schedule 32 (all Industrial Classes)

APPLICATION TO RATE SCHEDULES:

Effective: November 1, 2022

(C)

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.

Residential Customer Adjustment: \$0.00027

(R)

Industrial Customer Adjustment: \$0.00019

(R)

GENERAL TERMS:

Service under this Rate Schedule is governed by the terms of this Rate 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.

Issued September 01, 2022
NWN OPUC Advice No. 22-04A

Effective with service on
and after November 1, 2022

EXHIBIT A

BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON

NW NATURAL SUPPORTING MATERIALS

Non-Gas Cost Deferral Amortizations

Intervenor Funding

UM 1101

NWN OPUC Advice No. 22-04A / UG 446

September 01, 2022

NW NATURAL

EXHIBIT A

Supporting Materials

Non-Gas Cost Deferral Amortizations

Intervenor Funding

NWN OPUC ADVICE NO. 22-04A / UG 446

| Description | Page |
|---|-------------|
| Calculation of Increments Allocated on Equal Cent per Therm Basis | 1 |
| Effects on Average Bill by Rate Schedule | 2 |
| Basis for Revenue Related Costs | 3 |
| PGA Effects on Revenue | 4 |
| Summary of Deferred Accounts Included in the PGA | 5 |
| 186276 Deferral of CUB Intervenor Funding | 6 |
| 186284 Deferral of Intervenor Funding Issue Fund | 7 |
| 186286 Amortization of CUB Intervenor Funding | 8 |
| 186278 Deferral of AWEC Intervenor Funding | 9 |
| 186288 Amortization of AWEC Intervenor Funding | 10 |

NW Natural
 Rates & Regulatory Affairs
 2022-23 PGA - Oregon: September Filing
 Calculation of Increments Allocated on the EQUAL CENT PER THERM BASIS

ALL VOLUMES IN THERMS

| | | | Intervenor Funding - CUB | | | Intervenor Funding - AWEC (NWIGU) | | | |
|----|---------------------------|-------------------------------|--------------------------|------------------------------|-------------|-----------------------------------|-----------|-------------|------------|
| 1 | | | 107,251 | Temporary Increment | 62,806 | Temporary Increment | | | |
| 2 | Oregon PGA | Proposed Amount: | 2.818% | add revenue sensitive factor | 2.818% | add revenue sensitive factor | | | |
| 3 | Volumes page, | Revenue Sensitive Multiplier: | | | | | | | |
| 4 | Column F | Amount to Amortize: | 110,361 | to residential | 64,627 | to industrial | | | |
| | | | Multiplier | Volumes | Increment | Multiplier | Volumes | Increment | |
| | | | T | U | V | W | X | Y | |
| 5 | Schedule | Block | A | | | | | | |
| 6 | 2R | | 407,980,561 | 1.0 | 407,980,561 | \$0.00027 | 0.0 | 0 | \$0.00000 |
| 7 | 3C Firm Sales | | 170,909,185 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 8 | 3I Firm Sales | | 6,284,310 | 0.0 | 0 | \$0.00000 | 1.0 | 6,284,310 | \$0.00019 |
| 9 | 27 Dry Out | | 810,211 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 10 | 31C Firm Sales | Block 1 | 11,585,381 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 11 | | Block 2 | 10,565,491 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 12 | 31C Firm Trans | Block 1 | 1,215,943 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 13 | | Block 2 | 1,545,847 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 14 | 31I Firm Sales | Block 1 | 4,654,548 | 0.0 | 0 | \$0.00000 | 1.0 | 4,654,548 | \$0.00019 |
| 15 | | Block 2 | 10,516,948 | 0.0 | 0 | \$0.00000 | 1.0 | 10,516,948 | \$0.00019 |
| 16 | 31I Firm Trans | Block 1 | 158,179 | 0.0 | 0 | \$0.00000 | 1.0 | 158,179 | \$0.00019 |
| 17 | | Block 2 | 403,212 | 0.0 | 0 | \$0.00000 | 1.0 | 403,212 | \$0.00019 |
| 18 | 32C Firm Sales | Block 1 | 33,034,672 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 19 | | Block 2 | 9,314,339 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 20 | | Block 3 | 1,669,024 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 21 | | Block 4 | 449,802 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 22 | | Block 5 | 0 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 23 | | Block 6 | 0 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 24 | 32I Firm Sales | Block 1 | 7,525,179 | 0.0 | 0 | \$0.00000 | 1.0 | 7,525,179 | \$0.00019 |
| 25 | | Block 2 | 7,019,347 | 0.0 | 0 | \$0.00000 | 1.0 | 7,019,347 | \$0.00019 |
| 26 | | Block 3 | 2,009,960 | 0.0 | 0 | \$0.00000 | 1.0 | 2,009,960 | \$0.00019 |
| 27 | | Block 4 | 452,461 | 0.0 | 0 | \$0.00000 | 1.0 | 452,461 | \$0.00019 |
| 28 | | Block 5 | 0 | 0.0 | 0 | \$0.00000 | 1.0 | 0 | \$0.00019 |
| 29 | | Block 6 | 0 | 0.0 | 0 | \$0.00000 | 1.0 | 0 | \$0.00019 |
| 30 | 32C Firm Trans | Block 1 | 2,620,992 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 31 | | Block 2 | 2,162,687 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 32 | | Block 3 | 750,954 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 33 | | Block 4 | 1,043,887 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 34 | | Block 5 | 4,474 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 35 | | Block 6 | 0 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 36 | 32I Firm Trans | Block 1 | 11,249,133 | 0.0 | 0 | \$0.00000 | 1.0 | 11,249,133 | \$0.00019 |
| 37 | | Block 2 | 16,747,498 | 0.0 | 0 | \$0.00000 | 1.0 | 16,747,498 | \$0.00019 |
| 38 | | Block 3 | 10,738,714 | 0.0 | 0 | \$0.00000 | 1.0 | 10,738,714 | \$0.00019 |
| 39 | | Block 4 | 21,608,366 | 0.0 | 0 | \$0.00000 | 1.0 | 21,608,366 | \$0.00019 |
| 40 | | Block 5 | 21,402,253 | 0.0 | 0 | \$0.00000 | 1.0 | 21,402,253 | \$0.00019 |
| 41 | | Block 6 | 6,366,501 | 0.0 | 0 | \$0.00000 | 1.0 | 6,366,501 | \$0.00019 |
| 42 | 32C Interr Sales | Block 1 | 5,250,637 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 43 | | Block 2 | 7,774,070 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 44 | | Block 3 | 4,548,015 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 45 | | Block 4 | 6,629,796 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 46 | | Block 5 | 3,590,613 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 47 | | Block 6 | 0 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 48 | 32I Interr Sales | Block 1 | 6,405,854 | 0.0 | 0 | \$0.00000 | 1.0 | 6,405,854 | \$0.00019 |
| 49 | | Block 2 | 8,286,879 | 0.0 | 0 | \$0.00000 | 1.0 | 8,286,879 | \$0.00019 |
| 50 | | Block 3 | 4,925,421 | 0.0 | 0 | \$0.00000 | 1.0 | 4,925,421 | \$0.00019 |
| 51 | | Block 4 | 12,504,521 | 0.0 | 0 | \$0.00000 | 1.0 | 12,504,521 | \$0.00019 |
| 52 | | Block 5 | 5,270,851 | 0.0 | 0 | \$0.00000 | 1.0 | 5,270,851 | \$0.00019 |
| 53 | | Block 6 | 0 | 0.0 | 0 | \$0.00000 | 1.0 | 0 | \$0.00019 |
| 54 | 32C Interr Trans | Block 1 | 829,989 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 55 | | Block 2 | 1,633,924 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 56 | | Block 3 | 962,812 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 57 | | Block 4 | 3,077,817 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 58 | | Block 5 | 520,526 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 59 | | Block 6 | 0 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 60 | 32I Interr Trans | Block 1 | 6,950,973 | 0.0 | 0 | \$0.00000 | 1.0 | 6,950,973 | \$0.00019 |
| 61 | | Block 2 | 12,319,513 | 0.0 | 0 | \$0.00000 | 1.0 | 12,319,513 | \$0.00019 |
| 62 | | Block 3 | 8,609,147 | 0.0 | 0 | \$0.00000 | 1.0 | 8,609,147 | \$0.00019 |
| 63 | | Block 4 | 19,262,609 | 0.0 | 0 | \$0.00000 | 1.0 | 19,262,609 | \$0.00019 |
| 64 | | Block 5 | 37,658,652 | 0.0 | 0 | \$0.00000 | 1.0 | 37,658,652 | \$0.00019 |
| 65 | | Block 6 | 97,066,948 | 0.0 | 0 | \$0.00000 | 1.0 | 97,066,948 | \$0.00019 |
| 66 | 33 | | 0 | 0.0 | 0 | \$0.00000 | 0.0 | 0 | \$0.00000 |
| 67 | TOTALS | | 1,036,879,625 | | 407,980,561 | \$ 0.00027 | | 346,397,976 | \$ 0.00019 |
| 68 | Sources for line 2 above: | | | | | | | | |
| 69 | Inputs page | | | Line 47 | | | Line 45 | | |
| 70 | Tariff Schedules | | | | | | | | |
| 71 | Rate Adjustment Schedule | | | Sched 172 | | | Sched 172 | | |

NW Natural
 Rates & Regulatory Affairs
 2022-23 PGA - Oregon: September Filing
 Effects on Average Bill by Rate Schedule [1]

Advice 22-04A
 See note [2]

| | | Oregon PGA | Normal | Minimum | 11/1/2021 | 11/1/2021 | Proposed | Proposed | Proposed | |
|------------------|---------|----------------------|----------------|-------------|-----------|-----------|--------------|-----------------|-----------------|-------|
| | | Normalized | Therms | | | | 11/1/2022 | 11/1/2022 | 11/1/2022 | |
| | | Volumes page, | Therms in | Monthly | Monthly | Billing | Current | Intervenor fund | Intervenor fund | |
| | | Column D | Block | Average use | Charge | Rates | Average Bill | Rates | Average Bill | |
| | | | | | | | F=D+(C * E) | H = D+(C * G) | I = (H - F)/F | |
| Schedule | Block | A | B | C | D | E | F | G | H | I |
| 2R | | 407,980,561 | N/A | 54 | \$8.00 | \$1.04637 | \$64.50 | \$1.04621 | \$64.50 | 0.0% |
| 3C Firm Sales | | 170,909,185 | N/A | 242 | \$15.00 | \$0.95180 | \$245.34 | \$0.95180 | \$245.34 | 0.0% |
| 3I Firm Sales | | 6,284,310 | N/A | 1,540 | \$15.00 | \$0.88434 | \$1,376.88 | \$0.88428 | \$1,376.78 | 0.0% |
| 27 Dry Out | | 810,211 | N/A | 43 | \$8.00 | \$0.87077 | \$45.44 | \$0.87077 | \$45.44 | 0.0% |
| 31C Firm Sales | Block 1 | 11,585,381 | 2,000 | 2,898 | \$325.00 | \$0.62830 | \$2,125.37 | \$0.62830 | \$2,125.37 | 0.0% |
| | Block 2 | 10,565,491 | all additional | | | \$0.60555 | | \$0.60555 | | |
| 31C Firm Trans | Block 1 | 1,215,943 | 2,000 | 3,901 | \$575.00 | \$0.23009 | \$1,435.08 | \$0.23009 | \$1,435.08 | 0.0% |
| | Block 2 | 1,545,847 | all additional | | | \$0.21037 | | \$0.21037 | | |
| 31I Firm Sales | Block 1 | 4,654,548 | 2,000 | 6,689 | \$325.00 | \$0.58665 | \$4,156.55 | \$0.58659 | \$4,156.15 | 0.0% |
| | Block 2 | 10,516,948 | all additional | | | \$0.56691 | | \$0.56685 | | |
| 31I Firm Trans | Block 1 | 158,179 | 2,000 | 6,683 | \$575.00 | \$0.20208 | \$1,834.75 | \$0.20202 | \$1,834.35 | 0.0% |
| | Block 2 | 403,212 | all additional | | | \$0.18270 | | \$0.18264 | | |
| 32C Firm Sales | Block 1 | 33,034,672 | 10,000 | 6,888 | \$675.00 | \$0.51525 | \$4,224.02 | \$0.51525 | \$4,224.02 | 0.0% |
| | Block 2 | 9,314,339 | 20,000 | | | \$0.49513 | | \$0.49513 | | |
| | Block 3 | 1,669,024 | 20,000 | | | \$0.46168 | | \$0.46168 | | |
| | Block 4 | 449,802 | 100,000 | | | \$0.42812 | | \$0.42812 | | |
| | Block 5 | 0 | 600,000 | | | \$0.40359 | | \$0.40359 | | |
| | Block 6 | 0 | all additional | | | \$0.39217 | | \$0.39217 | | |
| 32I Firm Sales | Block 1 | 7,525,179 | 10,000 | 20,842 | \$675.00 | \$0.50505 | \$11,000.65 | \$0.50499 | \$10,999.40 | 0.0% |
| | Block 2 | 7,019,347 | 20,000 | | | \$0.48654 | | \$0.48648 | | |
| | Block 3 | 2,009,960 | 20,000 | | | \$0.45562 | | \$0.45556 | | |
| | Block 4 | 452,461 | 100,000 | | | \$0.42480 | | \$0.42474 | | |
| | Block 5 | 0 | 600,000 | | | \$0.40295 | | \$0.40289 | | |
| | Block 6 | 0 | all additional | | | \$0.39213 | | \$0.39207 | | |
| 32C Firm Trans | Block 1 | 2,620,992 | 10,000 | 19,592 | \$925.00 | \$0.12085 | \$3,118.76 | \$0.12085 | \$3,118.76 | 0.0% |
| | Block 2 | 2,162,687 | 20,000 | | | \$0.10271 | | \$0.10271 | | |
| | Block 3 | 750,954 | 20,000 | | | \$0.07256 | | \$0.07256 | | |
| | Block 4 | 1,043,887 | 100,000 | | | \$0.04238 | | \$0.04238 | | |
| | Block 5 | 4,474 | 600,000 | | | \$0.02424 | | \$0.02424 | | |
| | Block 6 | 0 | all additional | | | \$0.01211 | | \$0.01211 | | |
| 32I Firm Trans | Block 1 | 11,249,133 | 10,000 | 71,288 | \$925.00 | \$0.11947 | \$6,482.07 | \$0.11941 | \$6,477.79 | -0.1% |
| | Block 2 | 16,747,498 | 20,000 | | | \$0.10158 | | \$0.10152 | | |
| | Block 3 | 10,738,714 | 20,000 | | | \$0.07180 | | \$0.07174 | | |
| | Block 4 | 21,608,366 | 100,000 | | | \$0.04203 | | \$0.04197 | | |
| | Block 5 | 21,402,253 | 600,000 | | | \$0.02413 | | \$0.02407 | | |
| | Block 6 | 6,366,501 | all additional | | | \$0.01227 | | \$0.01221 | | |
| 32C Interr Sales | Block 1 | 5,250,637 | 10,000 | 46,322 | \$675.00 | \$0.49959 | \$22,652.82 | \$0.49959 | \$22,652.82 | 0.0% |
| | Block 2 | 7,774,070 | 20,000 | | | \$0.48127 | | \$0.48127 | | |
| | Block 3 | 4,548,015 | 20,000 | | | \$0.45072 | | \$0.45072 | | |
| | Block 4 | 6,629,796 | 100,000 | | | \$0.42017 | | \$0.42017 | | |
| | Block 5 | 3,590,613 | 600,000 | | | \$0.40182 | | \$0.40182 | | |
| | Block 6 | 0 | all additional | | | \$0.38818 | | \$0.38818 | | |
| 32I Interr Sales | Block 1 | 6,405,854 | 10,000 | 51,935 | \$675.00 | \$0.49934 | \$25,117.21 | \$0.49928 | \$25,114.09 | 0.0% |
| | Block 2 | 8,286,879 | 20,000 | | | \$0.48110 | | \$0.48104 | | |
| | Block 3 | 4,925,421 | 20,000 | | | \$0.45068 | | \$0.45062 | | |
| | Block 4 | 12,504,521 | 100,000 | | | \$0.42027 | | \$0.42021 | | |
| | Block 5 | 5,270,851 | 600,000 | | | \$0.40201 | | \$0.40195 | | |
| | Block 6 | 0 | all additional | | | \$0.38839 | | \$0.38833 | | |
| 32C Interr Trans | Block 1 | 829,989 | 10,000 | 53,220 | \$925.00 | \$0.11540 | \$5,556.74 | \$0.11540 | \$5,556.74 | 0.0% |
| | Block 2 | 1,633,924 | 20,000 | | | \$0.09810 | | \$0.09810 | | |
| | Block 3 | 962,812 | 20,000 | | | \$0.06928 | | \$0.06928 | | |
| | Block 4 | 3,077,817 | 100,000 | | | \$0.04044 | | \$0.04044 | | |
| | Block 5 | 520,526 | 600,000 | | | \$0.02315 | | \$0.02315 | | |
| | Block 6 | 0 | all additional | | | \$0.01157 | | \$0.01157 | | |
| 32I Interr Trans | Block 1 | 6,950,973 | 10,000 | 226,204 | \$925.00 | \$0.11561 | \$11,281.52 | \$0.11555 | \$11,267.95 | -0.1% |
| | Block 2 | 12,319,513 | 20,000 | | | \$0.09831 | | \$0.09825 | | |
| | Block 3 | 8,609,147 | 20,000 | | | \$0.06948 | | \$0.06942 | | |
| | Block 4 | 19,262,609 | 100,000 | | | \$0.04065 | | \$0.04059 | | |
| | Block 5 | 37,658,652 | 600,000 | | | \$0.02335 | | \$0.02329 | | |
| | Block 6 | 97,066,948 | all additional | | | \$0.01184 | | \$0.01178 | | |
| 33 | | 0 | N/A | 0 | \$38,000 | \$0.00585 | \$38,000.00 | \$0.00585 | \$38,000.00 | 0.0% |
| Totals | | 1,036,879,625 | | | | | | | | |

[1] For convenience of presentation, demand charges for Rate Schedules 31 and 32 have been removed.
 [2] Tariff Advice Notice 22-04A: Non-Gas Cost Deferral Amortizations - Intervenor Funding
 [3] Tariff Advice Notice 22-05A: Non-Gas Cost Deferral Amortizations - Oregon PUC Fee
 [4] Tariff Advice Notice 22-06A: Non-Gas Cost Deferral Amortizations - SRM
 [5] Tariff Advice Notice 22-07A: Non-Gas Cost Deferral Amortizations - Industrial DSM
 [6] Tariff Advice Notice 22-08A: Non-Gas Cost Deferral Amortizations - Decoupling
 [7] Tariff Advice Notice 22-09A: Non-Gas Cost Deferral Amortizations - WARM
 [8] Tariff Advice Notice 22-10A: Non-Gas Cost Deferral Amortization - Corporate Activity Tax (CAT) Amortization
 [9] Tariff Advice Notice 22-11A: Non-Gas Cost Amortization - Net Curtailment and Entitlement Revenues
 [10] Tariff Advice Notice 22-12A: Non-Gas Cost Amortization - Gas Reserves EDIT Amortization Credit
 [11] Tariff Advice Notice 22-13A: Non-Gas Cost Amortization - Residual Balance, GeoTEE, and Astoria Sale
 [12] Tariff Advice Notice 22-14A: Non-Gas Cost Amortization - Climate Protection Program (CPP)
 [13] Tariff Advice Notice 21-15A: PGA
 [14] Tariff Advice Notice 22-16A: Non-Gas Cost Amortization - TSA

NW Natural
Rates and Regulatory Affairs
2022-2023 PGA Filing - OREGON
Basis for Revenue Related Costs

| | Twelve Months <u>Ended 06/30/22</u> | |
|----|--|--|
| 1 | | |
| 2 | | |
| 3 | Total Billed Gas Sales Revenues | \$ 760,119,061 |
| 4 | Total Oregon Revenues | \$ 767,240,632 |
| 5 | | |
| 6 | Regulatory Commission Fees [1] | n/a 0.430% Statutory rate |
| 7 | City License and Franchise Fees | \$ 17,575,166 2.291% Line 7 ÷ Line 4 |
| 8 | Net Uncollectible Expense [2] | <u>\$ 744,324</u> <u>0.097%</u> Line 8 ÷ Line 4 |
| 9 | | |
| 10 | Total | <u><u>2.818%</u></u> Sum lines 8-9 |
| 11 | | |
| 12 | | |

13 **Note:**

- 14 [1] Dollar figure is set at statutory level of 0.275% times Total Oregon Revenues (line 4).
 15 Because the fee changed since our last general rate case, the difference between the previous fee of 0.375%
 16 and the new fee of 0.430%, as it affects our base rates, is being captured as a temporary deferral.
 17 [2] Represents the normalized net write-offs based on a three-year average.

NW Natural
Rates & Regulatory Affairs
2022-2023 PGA Filing - Oregon: September Filing
PGA Effects on Revenue
UG 446: Intervenor Funding

| | Including Revenue Sensitive Amount |
|----|---|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |

Temporary Increments

Removal of Current Temporary Increments

Amortization of Intervenor Funding - CUB (175,565)

Amortization of Intervenor Funding - AWEC (NWIGU) (85,042)

(260,607)

Addition of Proposed Temporary Increments

Amortization of Intervenor Funding - CUB 110,361

Amortization of Intervenor Funding - AWEC (NWIGU) 64,627

174,988

TOTAL OF ALL COMPONENTS OF RATE CHANGES (\$85,619)

2021 Oregon Earnings Test Normalized Total Revenues \$707,222,790

Effect of this filing, as a percentage change (line 13 ÷ line 17) -0.01%

NW Natural
Rates & Regulatory Affairs
2022-2023 PGA Filing - September Filing
Summary of Deferred Accounts Included in the PGA

| | Account | Balance 6/30/2022 | Jul-Oct Estimated Activity | Jul-Oct Interest | Estimated Balance 10/31/2022 | Interest Rate During Amortization | Estimated Interest During Amortization | Total Estimated Amount for (Refund) or Collection | Amounts Excluded from PGA Filing | Amounts Included in PGA Filing |
|----|---|----------------------|----------------------------------|---------------------|------------------------------------|---|---|---|--|--------------------------------------|
| | A | B | C | D | E | F1 | F2 | G | H | I |
| | | | | | E = sum B thru D | 1.82% | | G = E + F2 | | Excl. Rev Sens |
| 14 | Intervenor Funding Deferrals and Amortizations | | | | | | | | | |
| 15 | 186276 CUB INTERVENOR MATCHING FUND | 101,125 | 0 | 0 | 101,125 | | | | | |
| 16 | 186284 INTERVENOR ISSUE FUND - CUB Grants | 5,000 | 0 | 0 | 5,000 | | | | | |
| 17 | 186286 AMORT - CUB INTERVENER MATCHING FUND | 22,764 | (22,746) | 58 | 76 | | | | | |
| 18 | Total | 128,889 | (22,746) | 58 | 106,201 | 1.82% | 1,050 | 107,251 | | 107,251 |
| 19 | | | | | | | | | | |
| 20 | 186278 NWIGU INTERVENOR MATCHING FUND | 63,567 | 0 | 0 | 63,567 | | | | | |
| 21 | 186284 INTERVENOR ISSUE FUND - NWIGU Grants | 0 | 0 | 0 | 0 | | | | | |
| 22 | 186288 AMORT - NWIGU INTERVENER MATCHING FUND | 25,199 | (26,626) | 51 | (1,376) | | | | | |
| 23 | Total | 88,766 | (26,626) | 51 | 62,191 | 1.82% | 615 | 62,806 | | 62,806 |

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Deferral of CUB Intervenor Funding
 Account Number: 186276
 Docket UM 1101
 Last deferral reauthorization was approved in Order No. 21-256

| 1 | Debit | (Credit) | | | | | |
|-----|-------------------|----------|------------|--------------|---------------------|--------------|------------|
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | Month/Year | Note | Deferral | Transfers | Interest (1) | Activity | Balance |
| 5 | (a) | (b) | (c) | (d) | (e) | (f) | (g) |
| 6 | | | | | | | |
| 7 | Beginning Balance | | | | | | |
| 186 | Jun-21 | | - | | | - | 101,125.00 |
| 187 | Jul-21 | | - | | | - | 101,125.00 |
| 188 | Aug-21 | | - | | | - | 101,125.00 |
| 189 | Sep-21 | | - | | | - | 101,125.00 |
| 190 | Oct-21 | | - | | | - | 101,125.00 |
| 191 | Nov-21 | 3 | - | (101,125.00) | | (101,125.00) | - |
| 192 | Dec-21 | | - | | | - | - |
| 193 | Jan-22 | 2 | 101,125.00 | | | 101,125.00 | 101,125.00 |
| 194 | Feb-22 | | - | | | - | 101,125.00 |
| 195 | Mar-22 | | - | | | - | 101,125.00 |
| 196 | Apr-22 | | - | | | - | 101,125.00 |
| 197 | May-22 | | - | | | - | 101,125.00 |
| 198 | Jun-22 | | - | | | - | 101,125.00 |
| 199 | Jul-22 | | - | | | - | 101,125.00 |
| 200 | Aug-22 | | - | | | - | 101,125.00 |
| 201 | Sep-22 | | - | | | - | 101,125.00 |
| 202 | Oct-22 | | - | | | - | 101,125.00 |

203
 204 **History truncated for ease of viewing**

205
 206 **NOTES**

- 207 **1** - No interest is applied to this activity.
 208 **2** - Payments made in:
 209 January 2022 - see order 22-014
 210 **3** - June balance transferred to account 186286 for amortization.

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Deferral of Intervenor Funding - ISSUE FUND
 Account Number: 186284
 Docket UM 1101
 Last deferral reauthorization was approved in Order No. 21-256

| 1 | Debit (Credit) | | | | | | | | | | |
|-----|-------------------|----------|--------------|---------------|---------------|----------------|--------------|--------------|-------------|--------------|---------------------|
| 2 | | | | | | | | | | 3 | |
| 4 | Month/Year | Note | Deferral-CUB | Deferral-AWEC | Transfers-CUB | Transfers-AWEC | Interest (1) | Activity | Balance-CUB | Balance-AWEC | Balance Grand Total |
| 5 | (a) | (b) | (c1) | (c2) | (d1) | (d2) | (e) | (f) | (g1) | (g2) | (gtotal) |
| 6 | | | | | | | | | | 7 | |
| 7 | Beginning Balance | | | | | | | | | | |
| 186 | Jun-21 | | | | to 186286 | to 186288 | | | | | |
| 187 | Jul-21 | | | | amort account | amort account | | | | | |
| 188 | Aug-21 | | | | | | | - | 68,010.00 | 68,113.96 | 136,123.96 |
| 189 | Sep-21 | | | | | | | - | 68,010.00 | 68,113.96 | 136,123.96 |
| 190 | Oct-21 | | | | | | | - | 68,010.00 | 68,113.96 | 136,123.96 |
| 191 | Nov-21 | 3 | | | (68,010.00) | (68,113.96) | | (136,123.96) | - | - | - |
| 192 | Dec-21 | 2 | 5,000.00 | | | | | 5,000.00 | 5,000.00 | - | 5,000.00 |
| 193 | Jan-22 | | | | | | | | 5,000.00 | - | 5,000.00 |
| 194 | Feb-22 | | | | | | | | 5,000.00 | - | 5,000.00 |
| 195 | Mar-22 | | | | | | | | 5,000.00 | - | 5,000.00 |
| 196 | Apr-22 | | | | | | | | 5,000.00 | - | 5,000.00 |
| 197 | May-22 | | | | | | | | 5,000.00 | - | 5,000.00 |
| 198 | Jun-22 | | | | | | | | 5,000.00 | - | 5,000.00 |
| 199 | Jul-22 | | | | | | | | 5,000.00 | - | 5,000.00 |
| 200 | Aug-22 | | | | | | | | 5,000.00 | - | 5,000.00 |
| 201 | Sep-22 | | | | | | | | 5,000.00 | - | 5,000.00 |
| 202 | Oct-22 | | | | | | | | 5,000.00 | - | 5,000.00 |

204 **History truncated for ease of viewing**

206 **NOTES**

- 207 **1** - No interest is applied to this activity.
- 208 **2** - Payments made in:
 209 December 2021 - see Order 21-480
- 210 **3** - Transferred \$68,010.00 of CUB June balance to 186286 amortization account and \$68,113.96 of AWEC June balance to 186288 amortization account.

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Amortization of CUB Intervenor Funding
 Account Number: 186286
 Dockets UM 1101 and UG 402
 Amortization of 2019-20 deferral approved in Order 20-342

| 1 Debit (Credit) | | | | | | | | |
|------------------|----------------------|------|--------------|------------|----------|----------|-------------|------------|
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | Month/Year | Note | Amortization | Transfers | Interest | Interest | Activity | Balance |
| 5 | (a) | (b) | (c) | (d) | (e1) | (e2) | (f) | (g) |
| 6 | | | | | | | | |
| 7 | Beginning Balance | | | | | | | |
| 201 | Jun-21 | | (3,812.57) | | 35.43 | 2.63% | (3,777.14) | 14,294.28 |
| 202 | Jul-21 | | (2,214.26) | | 28.90 | 2.63% | (2,185.36) | 12,108.92 |
| 203 | Aug-21 | | (1,946.61) | | 24.41 | 2.63% | (1,922.20) | 10,186.72 |
| 204 | Sep-21 | | (2,242.36) | | 19.87 | 2.63% | (2,222.49) | 7,964.23 |
| 205 | Oct-21 | | (4,639.71) | | 12.37 | 2.63% | (4,627.34) | 3,336.89 |
| 206 | Nov-21 Old rates | | (4,618.46) | | 2.25 | 2.63% | (4,616.21) | (1,279.32) |
| 207 | Nov-21 New rates (1) | | (6,115.42) | 169,135.00 | 171.61 | 1.24% | 163,191.19 | 161,911.87 |
| 208 | Dec-21 | | (22,392.00) | | 155.74 | 1.24% | (22,236.26) | 139,675.61 |
| 209 | Jan-22 | | (31,835.56) | | 127.88 | 1.24% | (31,707.68) | 107,967.93 |
| 210 | Feb-22 | | (25,900.53) | | 98.18 | 1.24% | (25,802.35) | 82,165.58 |
| 211 | Mar-22 | | (21,389.05) | | 73.85 | 1.24% | (21,315.20) | 60,850.38 |
| 212 | Apr-22 | | (16,517.12) | | 54.34 | 1.24% | (16,462.78) | 44,387.60 |
| 213 | May-22 | | (13,900.16) | | 38.69 | 1.24% | (13,861.47) | 30,526.13 |
| 214 | Jun-22 | | (7,790.03) | | 27.52 | 1.24% | (7,762.51) | 22,763.62 |
| 215 | Jul-22 Forecast | | (3,808.12) | | 21.55 | 1.24% | (3,786.57) | 18,977.05 |
| 216 | Aug-22 Forecast | | (3,796.37) | | 17.65 | 1.24% | (3,778.72) | 15,198.33 |
| 217 | Sep-22 Forecast | | (4,181.24) | | 13.54 | 1.24% | (4,167.70) | 11,030.63 |
| 218 | Oct-22 Forecast | | (10,960.59) | | 5.74 | 1.24% | (10,954.85) | 75.78 |

219
 220
 221 **History truncated for ease of viewing**

222
 223 **NOTES**

224 **1** - Transferred in authorized balances from CUB Deferral account 186276 and Issue Fund Deferral account 186284.

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Deferral of AWEC Intervenor Funding
 Account Number: 186278
 Docket UM 1101
 Last deferral reauthorization was approved in Order No. 21-256

| 1 | Debit | (Credit) | | | | | |
|-----|-------------------|------------|-----------|-------------|---------------------|-----------|-----------|
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | Month/Year | Note | Deferral | Transfers | Interest (1) | Activity | Balance |
| 5 | (a) | (b) | (c) | (d) | (e) | (f) | (g) |
| 6 | | | | | | | |
| 7 | Beginning Balance | | | | | | |
| 186 | Jun-21 | | - | | | - | 11,081.33 |
| 187 | Jul-21 | | | | | - | 11,081.33 |
| 188 | Aug-21 | | | | | - | 11,081.33 |
| 189 | Sep-21 | | | | | - | 11,081.33 |
| 190 | Oct-21 | | | | | - | 11,081.33 |
| 191 | Nov-21 | 2,3 | 40,348.95 | (11,081.33) | | 29,267.62 | 40,348.95 |
| 192 | Dec-21 | | - | | | - | 40,348.95 |
| 193 | Jan-22 | | - | | | - | 40,348.95 |
| 194 | Feb-22 | | - | | | - | 40,348.95 |
| 195 | Mar-22 | | - | | | - | 40,348.95 |
| 196 | Apr-22 | | - | | | - | 40,348.95 |
| 197 | May-22 | 2 | 23,218.13 | | | 23,218.13 | 63,567.08 |
| 198 | Jun-22 | | - | | | - | 63,567.08 |
| 199 | Jul-22 | | - | | | - | 63,567.08 |
| 200 | Aug-22 | | - | | | - | 63,567.08 |
| 201 | Sep-22 | | - | | | - | 63,567.08 |
| 202 | Oct-22 | | - | | | - | 63,567.08 |

203
 204 **History truncated for ease of viewing**

205
 206 **NOTES**

- 207 **1** - No interest is applied to this activity.
 208 **2** - Payments made in:
 November 2021 - see order 21-395
 May 2022 - see order 22-153
 209
 210 **3** - June balance transferred to account 186288 for amortization.

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Amortization of AWEC Intervenor Funding
 Account Number: 186288
 Dockets UM 1101 and UG 402
 Amortization of 2019-20 deferral approved in Order 20-342

| 1 | Debit | (Credit) | | | | | | |
|-----|-------------------|---------------|--------------|-----------|----------|----------|------------|------------|
| 2 | | | | | | | | |
| 3 | | | | | | Interest | | |
| 4 | Month/Year | Note | Amortization | Transfers | Interest | rate | Activity | Balance |
| 5 | (a) | (b) | (c) | (d) | (e1) | (e2) | (f) | (g) |
| 6 | | | | | | | | |
| 7 | Beginning Balance | | | | | | | |
| 185 | Jun-21 | | (1,980.42) | | 28.36 | 2.63% | (1,952.06) | 11,978.63 |
| 186 | Jul-21 | | (1,986.35) | | 24.08 | 2.63% | (1,962.27) | 10,016.36 |
| 187 | Aug-21 | | (2,094.54) | | 19.66 | 2.63% | (2,074.88) | 7,941.48 |
| 188 | Sep-21 | | (2,058.64) | | 15.15 | 2.63% | (2,043.49) | 5,897.99 |
| 189 | Oct-21 | | (2,299.84) | | 10.41 | 2.63% | (2,289.43) | 3,608.56 |
| 190 | Nov-21 | Old rates | (141.17) | | 7.75 | 2.63% | (133.42) | 3,475.14 |
| 191 | Nov-21 | New rates (1) | (6,818.37) | 79,195.29 | 78.31 | 1.24% | 72,455.23 | 75,930.37 |
| 192 | Dec-21 | | (7,783.10) | | 74.44 | 1.24% | (7,708.66) | 68,221.71 |
| 193 | Jan-22 | | (7,926.79) | | 66.40 | 1.24% | (7,860.39) | 60,361.32 |
| 194 | Feb-22 | | (7,051.95) | | 58.73 | 1.24% | (6,993.22) | 53,368.10 |
| 195 | Mar-22 | | (7,645.41) | | 51.20 | 1.24% | (7,594.21) | 45,773.89 |
| 196 | Apr-22 | | (7,229.24) | | 43.56 | 1.24% | (7,185.68) | 38,588.21 |
| 197 | May-22 | | (6,988.98) | | 36.26 | 1.24% | (6,952.72) | 31,635.49 |
| 198 | Jun-22 | | (6,465.49) | | 29.35 | 1.24% | (6,436.14) | 25,199.35 |
| 199 | Jul-22 | Forecast | (6,523.24) | | 22.67 | 1.24% | (6,500.57) | 18,698.78 |
| 200 | Aug-22 | Forecast | (6,631.49) | | 15.90 | 1.24% | (6,615.59) | 12,083.19 |
| 201 | Sep-22 | Forecast | (5,883.44) | | 9.45 | 1.24% | (5,873.99) | 6,209.20 |
| 202 | Oct-22 | Forecast | (7,587.38) | | 2.50 | 1.24% | (7,584.88) | (1,375.68) |

205 **History truncated for ease of viewing**

207 **NOTES**

208 **1** - Transferred in authorized balances from NWIGU Deferral account 186278 and Issue Fund Deferral account 186284.