

September 6, 2024

NWN OPUC Advice No. 24-17A / UG 516

VIA ELECTRONIC FILING

Public Utility Commission of Oregon
Attn: Filing Center
201 High Street SE, Suite 100
P.O. Box 1088
Salem, OR 97308-1088

**Re: REPLACEMENT FILING
REQUEST FOR UPDATED AMORTIZATION RATES OF CERTAIN NON-GAS COST
DEFERRED ACCOUNTS RELATING TO: Schedule 198 – Renewable Natural Gas
Adjustment Mechanism**

Northwest Natural Gas Company, dba NW Natural (NW Natural or Company), files herewith the following revisions to its Tariff P.U.C. Or. 25, stated to become effective on November 1, 2024.

Second Revision of Sheet 198-1	Schedule 198	Renewable Natural Gas Adjustment Mechanism
First Revision of Sheet 198-2	Schedule 198	Renewable Natural Gas Adjustment Mechanism (continued)

This filing replaces, in its entirety, the tariff sheets and Exhibit A originally filed under NWN OPUC Advice No. 24-17 (UG 516), dated August 1, 2024. The purpose of this replacement filing is to update the revenue sensitivity rate from 2.883% to 3.035% as the Company inadvertently did not update the uncollectible portion of the rate at the time of the August 1 filing.

Purpose

The purpose of this filing is to recover the forecasted revenue requirement, true-up deferral from last year's forecast and the sharing deferral from the Company's Lexington and Dakota City renewable natural gas projects. This filing also incorporates the deferral filed by the Alliance of Western Energy Consumers (AWEC) docketed as UM 2309 after the invalidation of Oregon's Climate Protection Program (CPP).

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 ("Commission") in a proceeding to change rates. The Schedule 198 automatic adjustment clause was authorized by the Commission in the Company's last general rate case, UG 435, under Order No. 22-388.

On December 16, 2021, the Oregon Environmental Quality Commission (EQC) adopted rules to implement Oregon's CPP, intended to reduce greenhouse gas emissions. The CPP set a declining limit, or cap, on greenhouse gas emissions from fossil fuels used throughout the state of Oregon, including diesel, gasoline, natural gas and propane, used in transportation, residential, commercial

and industrial settings (the program was not inclusive of fossil fuel used in electric generation).¹ As a natural gas local distribution company, NW Natural was a “covered fuel supplier²” under the CPP and was the point of regulation for the emissions associated with gas used by its sales, transport, and special contracts customers. Since purchasing RNG helped satisfy the CPP compliance obligation that NW Natural had for all these customer classes, it was appropriate to recover such costs from not only its sales customers through Schedule 164, but also from its transport and special contract customers under Schedule 171 and this Schedule 198, as was approved by the Commission in Order No. 23-408 in docket UG 487.

On December 20, 2023, the Oregon Court of Appeals determined that the CPP rules adopted by the EQC are invalid. On December 27, 2023, the Alliance of Western Energy Consumers (AWEC) filed an application for deferred accounting for costs and expenses associate with NW Natura’s RNG resources used for compliance with CPP that were being incurred by transportation and special contract customers.³ AWEC proposed deferred accounting to create a regulatory liability and asset that could be refunded to transport and special contract customers and collected from sales customers, respectively, in a future rate filing. The Commission approved AWEC’s application on April 2, 2024 in docket UM 2309.

The proposed Schedule 198 rates in this filing include amounts previously deferred and collected for RNG purchases under docket UM 2252 that were allocated to transport and special contract customers and have been reallocated to sales customers after the invalidation of the Climate Protection Program. For more information, please refer to advice filing NWN OPUC Advice No. 24-14, UG 513.

Proposed Changes

In accordance with OAR 860-022-0025 and 0030, the Company states that the effect of this tariff adjustment schedule is to increase the Company’s annual revenues by \$518,454 or about .05%.

The monthly increase for the average Rate Schedule 2 residential customer using 55 therms is \$0.20, or 0.3%. The monthly increase for the average Rate Schedule 3 commercial customer using 251 therms is \$0.95, or 0.3%, the monthly increase for the average Rate Schedule 27 customer using 37 therms is \$0.14, or 0.3% and the monthly increase for the average commercial Rate Schedule 31 firm sales customer using 2,827 therms is about \$10.69, or 0.4%. The average industrial Rate Schedule 32 firm sales customer using 20,942 therms will see a monthly increase of about \$79.16, or 0.6%. Work papers supporting the rate and bill impact calculations will be separately submitted in electronic format.

The number of customers affected by the proposed change is 640,507 residential customers, and 63,039 commercial and industrial customers.

Conclusion

NW Natural respectfully request the Commission approve this tariff change to become effective November 1, 2024.

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

¹ OAR 340-271-0110

² OAR 340-271-0020(15)

³ *In the Matter of Alliance of Western Energy Consumers, Application for an Accounting Order Requiring Northwest Natural Gas Company to Defer Expenses and Costs associated with the Climate Protection Plan Costs for Transportation and Special Contract Customers*, Docket No. UM 2309 (Dec. 27, 2023).

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

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Rates & Regulatory Affairs
NW Natural
250 SW Taylor Street
Portland, OR 97204
Phone: (503) 610-7330
eFiling@nwnatural.com

Sincerely,

NW NATURAL

/s/ Kyle Walker, CPA

Kyle Walker, CPA
Rates/Regulatory Senior Manager

Attachment: Exhibit A – Supporting Materials

NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Second Revision of Sheet 198-1
Cancels First Revision of Sheet 198-1

SCHEDULE 198 RENEWABLE NATURAL GAS ADJUSTMENT MECHANISM

PURPOSE:

The purpose of this Schedule is to identify adjustments to rates in the Rate Schedules listed below for the recovery of the revenue requirement of qualified investments, as defined by ORS 757.392(5), in renewable natural gas (RNG) infrastructure.

This adjustment mechanism will recover the revenue requirement associated with the prudently incurred qualified investments that contribute to the Company meeting the targets set forth in ORS 757.396. For purposes of this Schedule, "qualified investment" has the meaning given that term in ORS 757.392. This Adjustment Schedule is implemented as an automatic adjustment clause as provided for under ORS 757.210 and Oregon Senate Bill 98 (2019) codified as ORS 757.396.

APPLICABLE:

To All Customers on the Rate Schedules of this Tariff listed below:

Rate Schedule 2	Rate Schedule 31	Rate Schedule 60A/60
Rate Schedule 3	Rate Schedule 32	
Rate Schedule 27	Rate Schedule 33	

Application to Rates:

The per-therm Base Adjustment in the applicable Rate Schedules include the following adjustment:
Non-Combustion-Related Rate on Schedule 60A/60: \$0.00188 per therm

Rate Schedule	Block	Rate Adjustment (per therm)		Rate Schedule	Block	Rate Adjustment (per therm)
2		\$0.00813		32 ITF	Block 1	(\$0.00236)
03 CSF		\$0.00813			Block 2	(\$0.00236)
03 ISF		\$0.00813			Block 3	(\$0.00236)
27		\$0.00813			Block 4	(\$0.00236)
31 CSF	Block 1	\$0.00813			Block 5	(\$0.00236)
	Block 2	\$0.00813			Block 6	(\$0.00236)
31 CTF	Block 1	(\$0.00236)		32 CSI	Block 1	\$0.00813
	Block 2	(\$0.00236)			Block 2	\$0.00813
31 ISF	Block 1	\$0.00813			Block 3	\$0.00813
	Block 2	\$0.00813			Block 4	\$0.00813
31 ITF	Block 1	(\$0.00236)			Block 5	\$0.00813
	Block 2	(\$0.00236)			Block 6	\$0.00813
32 CSF	Block 1	\$0.00813		32 ISI	Block 1	\$0.00813
	Block 2	\$0.00813			Block 2	\$0.00813
	Block 3	\$0.00813			Block 3	\$0.00813
	Block 4	\$0.00813			Block 4	\$0.00813
	Block 5	\$0.00813			Block 5	\$0.00813
	Block 6	\$0.00813			Block 6	\$0.00813
32 ISF	Block 1	\$0.00813		32 CTI	Block 1	(\$0.00236)
	Block 2	\$0.00813			Block 2	(\$0.00236)
	Block 3	\$0.00813			Block 3	(\$0.00236)
	Block 4	\$0.00813			Block 4	(\$0.00236)
	Block 5	\$0.00813			Block 5	(\$0.00236)
	Block 6	\$0.00813			Block 6	(\$0.00236)
32 CTF	Block 1	(\$0.00236)		32 ITI	Block 1	(\$0.00236)
	Block 2	(\$0.00236)			Block 2	(\$0.00236)
	Block 3	(\$0.00236)			Block 3	(\$0.00236)
	Block 4	(\$0.00236)			Block 4	(\$0.00236)
	Block 5	(\$0.00236)			Block 5	(\$0.00236)
	Block 6	(\$0.00236)			Block 6	(\$0.00236)
				33 (all)		(\$0.00236)
				60		(\$0.00313)
				60A		(\$0.00313)

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(K) Special Conditions transferred to Sheet 198-2.

(continue to Sheet 198-2)

Issued September 6, 2024
NWN OPUC Advice No. 24-17A

Effective with service on
and after November 1, 2024

SCHEDULE 198
RENEWABLE NATURAL GAS ADJUSTMENT MECHANISM
(continued)

SPECIAL CONDITIONS:

1. The Company will file this Schedule by August 1 of each year as necessary to update all charges already included on this schedule as needed. Updating of charges will include updating for the relevant vintage of the revenue requirement for previously included investments and a true-up for actual costs and volumes of previously included costs. This updating of charges will be supported by a deferral application (Schedule 198 Deferral) that will apply to costs recovered through this Schedule 198. The amortization of the Schedule 198 Deferral amount will be subject to an earnings test deadband. Per Order No. 22-388, the deadband is set at 50 basis points below and 50 basis points above authorized ROE.
2. In addition, the Company will file this Schedule on or before February 28 as necessary for proposed charges relating to new qualified investments in anticipation of the expected in-service date of the RNG project and providing time for stakeholder review.
3. The Company will provide in its Schedule 198 RNG project application filings a draft procedural schedule to accommodate stakeholder review and feedback, and may also include a technical workshop, depending on the size and complexity of the RNG project.
4. NW Natural will change rates under this schedule concurrent with annual Purchased Gas Adjustment on November 1.
5. NW Natural will propose a cost allocation methodology consistent with Commission guidance, including Order No. 22-388 and any subsequent Commission precedent. For the Lexington RNG project, costs are allocated in accordance with Order No. 22-388, including the costs associated with the project that NW Natural deferred consistent with that order ("Lexington Deferral").
6. For purposes of this Schedule, only applications for RNG Project(s) exceeding \$5 million individually or in aggregate will be eligible for recovery under this mechanism.
7. Within three years of the effective date of this tariff, NW Natural will convene a meeting with the parties in consolidated docket UG 411/UG 435 to meet and confer in good faith regarding a comprehensive review of Schedule 198. Any changes in Schedule 198 as a result of this review would apply prospectively to new RNG projects.
8. The provisions listed in the special conditions above may be modified if approved by the Commission.

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QUALIFIED INVESTMENT COST RECOVERY:

The revenue requirement associated with qualified investments in RNG includes incremental depreciation expense, property and other taxes, return on investment, income taxes, operating and maintenance costs, and other costs relating to the Company's qualified investment. The capital structure and the cost of capital to be used in the calculation of return on rate base will be that adopted by the Commission in the Company's most recent general rate case.

(M) Transferred from Sheet 198-1.

(continue to Sheet 198-3)

Issued September 6, 2024
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Effective with service on
and after November 1, 2024

EXHIBIT A

BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON

NW NATURAL SUPPORTING MATERIALS

Non-Gas Cost Deferral Amortizations Relating to:
Schedule 198 – Renewable Natural Gas Adjustment Mechanism

NWN OPUC Advice No. 24-17A / UG 516

September 6, 2024

NW NATURAL

EXHIBIT A

Supporting Materials

Non-Gas Cost Deferral Amortizations Relating to:

Schedule 198 – Renewable Natural Gas Adjustment Mechanism

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NW Natural
 Rates & Regulation Affairs
 2024-25 NFA - Oregon: September Filing
 Calculation of Increments Allocated on the EQUAL COST PER THERM BASIS
 ALL VOLUMES IN THERMS

		AIWEC Deferral - Schedule 198 To Sales			AIWEC Deferral - Schedule 198 From Transp			AIWEC Deferral - Schedule 198 From SC			Dakota City Cost of Service			Lexington Project Initial Costs			RNG Adjustment Mechanism Deferral			Lexington Sharing Mechanism			Lexington Cost of Service		
		881,620 Temporary Increment (666,674) add revenue sensitive factor			1,633% add revenue sensitive factor			1,633% add revenue sensitive factor			2,803,953 Permanent Increment N/A, rev sensitive factor is built in			349,215 Permanent Increment N/A, rev sensitive factor is built in			554,324 Permanent Increment 1,035% add revenue sensitive factor			189,750 Permanent Increment 1,035% add revenue sensitive factor			1,982,700 Permanent Increment N/A, rev sensitive factor is built in		
		1,035% add revenue sensitive factor			1,035% add revenue sensitive factor			1,035% add revenue sensitive factor			N/A, rev sensitive factor is built in			N/A, rev sensitive factor is built in			1,035% add revenue sensitive factor			1,035% add revenue sensitive factor			N/A, rev sensitive factor is built in		
		888,640 to all sales			(666,914) to all transport			(169,546) to special contracts			2,803,953 to all classes and schedules (including SC)			349,215 to all classes and schedules (including SC)			571,674 to all classes and schedules (including SC)			(461,955) to all classes and schedules (including SC)			1,982,700 to all classes and schedules (including SC)		
Line	Origin PGA	Proposed Amount	Revenue Sensitive Multiplier	Multiplier	Volumes	Increment	Multiplier	Volumes	Increment	Multiplier	Volumes	Increment	Multiplier	Volumes	Increment	Multiplier	Volumes	Increment	Multiplier	Volumes	Increment	Multiplier	Volumes	Increment	
Line	Block	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	
7	2R	423,059,269	0.0	1.0	423,059,269	50.00000	1.0	0	50.00000	1.0	423,059,269	50.00388	1.0	423,059,269	50.00046	1.0	423,059,269	50.00075	1.0	423,059,269	50.00053	1.0	423,059,269	50.00260	
8	3C Firm Sales	378,618,735	0.0	1.0	378,618,735	50.00000	1.0	0	50.00000	1.0	378,618,735	50.00388	1.0	378,618,735	50.00046	1.0	378,618,735	50.00075	1.0	378,618,735	50.00053	1.0	378,618,735	50.00260	
9	3I Firm Sales	5,103,738	0.0	1.0	5,103,738	50.00000	1.0	0	50.00000	1.0	5,103,738	50.00388	1.0	5,103,738	50.00046	1.0	5,103,738	50.00075	1.0	5,103,738	50.00053	1.0	5,103,738	50.00260	
10	37 Firm Dist	742,733	0.0	1.0	742,733	50.00000	1.0	0	50.00000	1.0	742,733	50.00388	1.0	742,733	50.00046	1.0	742,733	50.00075	1.0	742,733	50.00053	1.0	742,733	50.00260	
11	33C Firm Sales Block 1	12,281,908	0.0	1.0	12,281,908	50.00000	1.0	0	50.00000	1.0	12,281,908	50.00388	1.0	12,281,908	50.00046	1.0	12,281,908	50.00075	1.0	12,281,908	50.00053	1.0	12,281,908	50.00260	
12	Block 2	10,043,265	0.0	1.0	10,043,265	50.00000	1.0	0	50.00000	1.0	10,043,265	50.00388	1.0	10,043,265	50.00046	1.0	10,043,265	50.00075	1.0	10,043,265	50.00053	1.0	10,043,265	50.00260	
13	33C Firm Trans Block 1	1,267,742	0.0	1.0	1,267,742	50.00000	1.0	0	50.00000	1.0	1,267,742	50.00388	1.0	1,267,742	50.00046	1.0	1,267,742	50.00075	1.0	1,267,742	50.00053	1.0	1,267,742	50.00260	
14	Block 2	3,392,969	0.0	1.0	3,392,969	50.00000	1.0	0	50.00000	1.0	3,392,969	50.00388	1.0	3,392,969	50.00046	1.0	3,392,969	50.00075	1.0	3,392,969	50.00053	1.0	3,392,969	50.00260	
15	33I Firm Sales Block 1	3,698,785	0.0	1.0	3,698,785	50.00000	1.0	0	50.00000	1.0	3,698,785	50.00388	1.0	3,698,785	50.00046	1.0	3,698,785	50.00075	1.0	3,698,785	50.00053	1.0	3,698,785	50.00260	
16	Block 2	7,639,515	0.0	1.0	7,639,515	50.00000	1.0	0	50.00000	1.0	7,639,515	50.00388	1.0	7,639,515	50.00046	1.0	7,639,515	50.00075	1.0	7,639,515	50.00053	1.0	7,639,515	50.00260	
17	33I Firm Trans Block 1	144,136	0.0	1.0	144,136	50.00000	1.0	0	50.00000	1.0	144,136	50.00388	1.0	144,136	50.00046	1.0	144,136	50.00075	1.0	144,136	50.00053	1.0	144,136	50.00260	
18	Block 2	351,741	0.0	1.0	351,741	50.00000	1.0	0	50.00000	1.0	351,741	50.00388	1.0	351,741	50.00046	1.0	351,741	50.00075	1.0	351,741	50.00053	1.0	351,741	50.00260	
19	32C Firm Sales Block 1	34,618,514	0.0	1.0	34,618,514	50.00000	1.0	0	50.00000	1.0	34,618,514	50.00388	1.0	34,618,514	50.00046	1.0	34,618,514	50.00075	1.0	34,618,514	50.00053	1.0	34,618,514	50.00260	
20	Block 2	9,360,621	0.0	1.0	9,360,621	50.00000	1.0	0	50.00000	1.0	9,360,621	50.00388	1.0	9,360,621	50.00046	1.0	9,360,621	50.00075	1.0	9,360,621	50.00053	1.0	9,360,621	50.00260	
21	Block 3	1,566,490	0.0	1.0	1,566,490	50.00000	1.0	0	50.00000	1.0	1,566,490	50.00388	1.0	1,566,490	50.00046	1.0	1,566,490	50.00075	1.0	1,566,490	50.00053	1.0	1,566,490	50.00260	
22	Block 4	544,281	0.0	1.0	544,281	50.00000	1.0	0	50.00000	1.0	544,281	50.00388	1.0	544,281	50.00046	1.0	544,281	50.00075	1.0	544,281	50.00053	1.0	544,281	50.00260	
23	Block 5	0	0.0	1.0	0	50.00000	1.0	0	50.00000	1.0	0	50.00388	1.0	0	50.00046	1.0	0	50.00075	1.0	0	50.00053	1.0	0	50.00260	
24	Block 6	0	0.0	1.0	0	50.00000	1.0	0	50.00000	1.0	0	50.00388	1.0	0	50.00046	1.0	0	50.00075	1.0	0	50.00053	1.0	0	50.00260	
25	33I Firm Sales Block 1	8,547,588	0.0	1.0	8,547,588	50.00000	1.0	0	50.00000	1.0	8,547,588	50.00388	1.0	8,547,588	50.00046	1.0	8,547,588	50.00075	1.0	8,547,588	50.00053	1.0	8,547,588	50.00260	
26	Block 2	7,603,172	0.0	1.0	7,603,172	50.00000	1.0	0	50.00000	1.0	7,603,172	50.00388	1.0	7,603,172	50.00046	1.0	7,603,172	50.00075	1.0	7,603,172	50.00053	1.0	7,603,172	50.00260	
27	Block 3	2,763,251	0.0	1.0	2,763,251	50.00000	1.0	0	50.00000	1.0	2,763,251	50.00388	1.0	2,763,251	50.00046	1.0	2,763,251	50.00075	1.0	2,763,251	50.00053	1.0	2,763,251	50.00260	
28	Block 4	3,005,494	0.0	1.0	3,005,494	50.00000	1.0	0	50.00000	1.0	3,005,494	50.00388	1.0	3,005,494	50.00046	1.0	3,005,494	50.00075	1.0	3,005,494	50.00053	1.0	3,005,494	50.00260	
29	Block 5	195,767	0.0	1.0	195,767	50.00000	1.0	0	50.00000	1.0	195,767	50.00388	1.0	195,767	50.00046	1.0	195,767	50.00075	1.0	195,767	50.00053	1.0	195,767	50.00260	
30	Block 6	0	0.0	1.0	0	50.00000	1.0	0	50.00000	1.0	0	50.00388	1.0	0	50.00046	1.0	0	50.00075	1.0	0	50.00053	1.0	0	50.00260	
31	32C Firm Trans Block 1	2,721,537	0.0	1.0	2,721,537	50.00000	1.0	0	50.00000	1.0	2,721,537	50.00388	1.0	2,721,537	50.00046	1.0	2,721,537	50.00075	1.0	2,721,537	50.00053	1.0	2,721,537	50.00260	
32	Block 2	2,020,003	0.0	1.0	2,020,003	50.00000	1.0	0	50.00000	1.0	2,020,003	50.00388	1.0	2,020,003	50.00046	1.0	2,020,003	50.00075	1.0	2,020,003	50.00053	1.0	2,020,003	50.00260	
33	Block 3	707,839	0.0	1.0	707,839	50.00000	1.0	0	50.00000	1.0	707,839	50.00388	1.0	707,839	50.00046	1.0	707,839	50.00075	1.0	707,839	50.00053	1.0	707,839	50.00260	
34	Block 4	869,038	0.0	1.0	869,038	50.00000	1.0	0	50.00000	1.0	869,038	50.00388	1.0	869,038	50.00046	1.0	869,038	50.00075	1.0	869,038	50.00053	1.0	869,038	50.00260	
35	Block 5	0	0.0	1.0	0	50.00000	1.0	0	50.00000	1.0	0	50.00388	1.0	0	50.00046	1.0	0	50.00075	1.0	0	50.00053	1.0	0	50.00260	
36	Block 6	0	0.0	1.0	0	50.00000	1.0	0	50.00000	1.0	0	50.00388	1.0	0	50.00046	1.0	0	50.00075	1.0	0	50.00053	1.0	0	50.00260	
37	32I Firm Trans Block 1	11,607,702	0.0	1.0	11,607,702	50.00000	1.0	0	50.00000	1.0	11,607,702	50.00388	1.0	11,607,702	50.00046	1.0	11,607,702	50.00075	1.0	11,607,702	50.00053	1.0	11,607,702	50.00260	
38	Block 2	17,056,306	0.0	1.0	17,056,306	50.00000	1.0	0	50.00000	1.0	17,056,306	50.00388	1.0	17,056,306	50.00046	1.0	17,056,306	50.00075	1.0	17,056,306	50.00053	1.0	17,056,306	50.00260	
39	Block 3	10,569,490	0.0	1.0	10,569,490	50.00000	1.0	0	50.00000	1.0	10,569,490	50.00388	1.0	10,569,490	50.00046	1.0	10,569,490	50.00075	1.0	10,569,490	50.00053	1.0	10,569,490	50.00260	
40	Block 4	22,324,091	0.0	1.0	22,324,091	50.00000	1.0	0	50.00000	1.0	22,324,091	50.00388	1.0	22,324,091	50.00046	1.0	22,324,091	50.00075	1.0	22,324,091	50.00053	1.0	22,324,091	50.00260	
41	Block 5	22,115,808	0.0	1.0	22,115,808	50.00000	1.0	0	50.00000	1.0	22,115,808	50.00388	1.0	22,115,808	50.00046	1.0	22,115,808	50.00075	1.0	22,115,808	50.00053	1.0	22,115,808	50.00260	
42	Block 6	7,865,814	0.0	1.0	7,865,814	50.00000	1.0	0	50.00000	1.0	7,865,814	50.00388	1.0	7,865,814	50.00046	1.0	7,865,814	50.00075	1.0	7,865,814	50.00053	1.0	7,865,814	50.00260	
43	32C Inter Sales Block 1	4,649,733	0.0	1.0	4,649,733	50.00000	1.0	0	50.00000	1.0	4,649,733	50.00388	1.0	4,649,733	50.00046	1.0	4,649,733	50.							

		Oregon PGA		Normal	Minimum	11/1/2023	11/1/2023	Proposed	Proposed	Proposed
		Normalized		Therms				11/1/2024	11/1/2024	11/1/2024
		Volumes page,	Therms in	Monthly	Monthly	Billing	Current	Schedule 198	Schedule 198	Schedule 198
		Column D	Block	Average use	Charge	Rates	Average Bill	RNG	RNG	RNG
							F=D*(C * E)	AI = D*(C * AH)		AJ = (AI - F)/F
Schedule	Block	A	B	C	D	E	F	AH	AI	AJ
2R		423,059,269	N/A	55	\$8.00	\$1,29519	\$79.24	\$1,29897	\$79.44	0.3%
3C Firm Sales		178,618,735	N/A	251	\$15.00	\$1,08753	\$287.97	\$1,09131	\$288.92	0.3%
3I Firm Sales		5,103,738	N/A	1,255	\$15.00	\$1,05830	\$1,343.17	\$1,06208	\$1,347.91	0.4%
27 Dry Out		742,733	N/A	37	\$8.00	\$1,08605	\$48.18	\$1,08983	\$48.32	0.3%
31C Firm Sales	Block 1	12,281,908	2,000	2,827	\$325.00	\$0.75920	\$2,447.92	\$0.76298	\$2,458.61	0.4%
	Block 2	10,043,265	all additional			\$0.73098		\$0.73476		
31C Firm Trans	Block 1	1,267,742	2,000	3,758	\$575.00	\$0.29503	\$1,639.68	\$0.28832	\$1,614.47	-1.5%
	Block 2	1,392,960	all additional			\$0.26998		\$0.26327		
31I Firm Sales	Block 1	3,698,785	2,000	5,430	\$325.00	\$0.74421	\$4,283.47	\$0.74799	\$4,303.99	0.5%
	Block 2	7,639,515	all additional			\$0.72013		\$0.72391		
31I Firm Trans	Block 1	144,356	2,000	6,890	\$575.00	\$0.25351	\$2,204.08	\$0.24680	\$2,157.85	-2.1%
	Block 2	351,741	all additional			\$0.22946		\$0.22275		
32C Firm Sales	Block 1	34,618,514	10,000	7,386	\$675.00	\$0.67131	\$5,633.30	\$0.67509	\$5,661.21	0.5%
	Block 2	9,360,621	20,000			\$0.64449		\$0.64827		
	Block 3	1,566,490	20,000			\$0.59997		\$0.60375		
	Block 4	544,281	100,000			\$0.55528		\$0.55906		
	Block 5	0	600,000			\$0.52318		\$0.52696		
	Block 6	0	all additional			\$0.50796		\$0.51174		
32I Firm Sales	Block 1	8,547,588	10,000	20,942	\$675.00	\$0.62727	\$13,593.87	\$0.63105	\$13,673.03	0.6%
	Block 2	7,603,172	20,000			\$0.60740		\$0.61118		
	Block 3	2,763,251	20,000			\$0.57416		\$0.57794		
	Block 4	3,005,494	100,000			\$0.54104		\$0.54482		
	Block 5	195,767	600,000			\$0.51791		\$0.52169		
	Block 6	0	all additional			\$0.50628		\$0.51006		
32C Firm Trans	Block 1	2,721,537	10,000	19,501	\$925.00	\$0.13325	\$3,337.38	\$0.12654	\$3,206.53	-3.9%
	Block 2	2,020,003	20,000			\$0.11366		\$0.11695		
	Block 3	707,839	20,000			\$0.08114		\$0.07443		
	Block 4	869,038	100,000			\$0.04857		\$0.04186		
	Block 5	0	600,000			\$0.02899		\$0.02228		
	Block 6	0	all additional			\$0.01601		\$0.00930		
32I Firm Trans	Block 1	11,657,702	10,000	75,569	\$925.00	\$0.13029	\$7,266.47	\$0.12358	\$6,759.40	-7.0%
	Block 2	17,056,306	20,000			\$0.11125		\$0.10454		
	Block 3	10,569,490	20,000			\$0.07953		\$0.07282		
	Block 4	22,324,991	100,000			\$0.04783		\$0.04112		
	Block 5	22,115,808	600,000			\$0.02874		\$0.02203		
	Block 6	7,865,614	all additional			\$0.01613		\$0.00942		
32C Interr Sales	Block 1	4,649,733	10,000	51,487	\$675.00	\$0.64462	\$32,098.38	\$0.64840	\$32,293.00	0.6%
	Block 2	6,816,872	20,000			\$0.62250		\$0.62628		
	Block 3	3,782,502	20,000			\$0.58557		\$0.58935		
	Block 4	5,561,835	100,000			\$0.54861		\$0.55239		
	Block 5	3,284,822	600,000			\$0.52644		\$0.53022		
	Block 6	0	all additional			\$0.51023		\$0.51401		
32I Interr Sales	Block 1	4,653,469	10,000	42,594	\$675.00	\$0.62793	\$26,377.14	\$0.63171	\$26,538.15	0.6%
	Block 2	6,055,122	20,000			\$0.60846		\$0.61224		
	Block 3	3,505,859	20,000			\$0.57596		\$0.57974		
	Block 4	9,726,364	100,000			\$0.54347		\$0.54725		
	Block 5	4,171,536	600,000			\$0.52396		\$0.52774		
	Block 6	0	all additional			\$0.50968		\$0.51346		
32C Interr Trans	Block 1	822,778	10,000	199,597	\$925.00	\$0.12471	\$11,732.30	\$0.11800	\$10,393.00	-11.4%
	Block 2	1,679,150	20,000			\$0.10645		\$0.09974		
	Block 3	978,518	20,000			\$0.07601		\$0.06930		
	Block 4	3,232,735	100,000			\$0.04557		\$0.03886		
	Block 5	472,307	600,000			\$0.02730		\$0.02059		
	Block 6	0	all additional			\$0.01517		\$0.00846		
32I Interr Trans	Block 1	6,144,023	10,000	198,801	\$925.00	\$0.12543	\$11,821.46	\$0.11872	\$10,487.50	-11.3%
	Block 2	10,403,074	20,000			\$0.10713		\$0.10042		
	Block 3	6,958,044	20,000			\$0.07662		\$0.06991		
	Block 4	15,417,391	100,000			\$0.04610		\$0.03939		
	Block 5	35,960,832	600,000			\$0.02781		\$0.02110		
	Block 6	99,266,501	all additional			\$0.01563		\$0.00892		
33		0	N/A	0.0	\$38,000.00	\$0.00862	\$38,000.00	\$0.00191	\$38,000.00	
Special Contracts		54,127,531	N/A	0	\$0	\$0.00544	\$0.00	\$0.00204	\$0.00	
Totals		1,098,129,249								

[1] For convenience of presentation, demand charges for Rate Schedules 31 and 32 have been removed.
 [2] Tariff Advice Notice 24-04: Non-Gas Cost Deferral Amortizations - Intervenor Funding
 [3] Tariff Advice Notice 24-05A: Non-Gas Cost Deferral Amortizations - Oregon PUC Fee
 [4] Tariff Advice Notice 24-06A: Non-Gas Cost Deferral Amortizations - SRRM
 [5] Tariff Advice Notice 24-07A: Non-Gas Cost Deferral Amortizations - Industrial DSM
 [6] Tariff Advice Notice 24-08: Non-Gas Cost Deferral Amortizations - Decoupling
 [7] Tariff Advice Notice 24-09: Non-Gas Cost Deferral Amortizations - WARM
 [8] Tariff Advice Notice 24-10: Non-Gas Cost Deferral Amortization - Corporate Activity Tax (CAT) Amortization
 [9] Tariff Advice Notice 24-11A: Non-Gas Cost Amortization - Net Curtailment and Entitlement Revenues
 [10] Tariff Advice Notice 24-12A: Non-Gas Cost Amortization - Regulatory Rate Adjustment
 [11] Tariff Advice Notice 24-13A: Non-Gas Cost Amortization - Residential Rate Mitigation
 [12] Tariff Advice Notice 24-14: Non-Gas Cost Amortization - RNG Transport Allocation
 [13] Tariff Advice Notice 24-15A: COVID
 [14] Tariff Advice Notice 24-16: Non-Gas Cost Amortization - TSA Security Directive
 [15] Tariff Advice Notice 24-19: PGA
 [16] Tariff Advice Notice 24-17A: RNG Adj Mechanism
 [17] Tariff Advice Notice 24-18A: Mist Recall

NW Natural
Rates and Regulatory Affairs
2024-2025 PGA Filing - OREGON
Basis for Revenue Related Costs

	Twelve Months <u>Ended 06/30/24</u>	
1		
2		
3	\$ 920,096,835	
4	\$ 925,565,009	
5		
6	n/a	0.450% Statutory rate
7	\$ 21,672,271	2.342% Line 7 ÷ Line 4
8	<u>\$ 2,248,412</u>	<u>0.243% Line 8 ÷ Line 4</u>
9		
10		<u>3.035%</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 0.450%, as it affects our base rates, is being captured as a temporary deferral.
 17 [2] Represents the normalized net write-offs based on a two-year average.

NW Natural
Rates & Regulatory Affairs
2024-2025 PGA Filing - September Filing
Summary of Renewables Deferred Accounts Included in the PGA

Account A	Balance 6/30/2024 B	Jul-Oct Estimated Activity C	June-Oct Interest D	Estimated Balance 10/31/2024 E	Interest Rate During Amortization F1	Estimated Interest During Amortization F2	Total Estimated Amount for (Refund) or Collection G
				E = sum B thru D	5.40%		G = E + F2
RENEWABLES ADJUSTMENT MECHANISM DEFERRALS							
151928 LEXINGTON PROJECT SURCHARGE	639,774	0	13,758	653,532			
151943 OR INITIAL LEXINGTON RTCS AMORT	85,361	(61,400)	929	24,891			Amortized over 2 years
Total	725,135	(61,400)	14,688	678,423	5.40%	20,007	698,430 349,215 per Order 22-437
151930 RNG ADJUSTMENT MECHANISM DEFERRAL	487,190	0	11,197	498,386			
151942 OR RNG ADJUSTMENT MECHANISM AMORT	101,845	(62,958)	1,171	40,058			
Total	589,035	(62,958)	12,368	538,445	5.40%	15,879	554,324
151931 LEXINGTON MECHANISM SHARING	(368,761)	0	(8,475)	(377,236)			
151944 OR LEXINGTON SHARING AMORT	(33,954)	32,894	(295)	(1,355)			
Total	(402,714)	32,894	(8,770)	(378,591)	5.40%	(11,165)	(389,756)
AWEC DEFERRALS							
151937 AWEC Deferral - Schedule 198 CPP Deferrals - To Sales (SB98)	818,183	0	18,804	836,987	5.40%	24,683	861,670
232093 AWEC Deferral - Schedule 198 CPP Deferrals - From Transport	(770,140)	0	(17,699)	(787,840)	5.40%	(23,234)	(811,074) See below for breakout
232093 Breakout							
232093 AWEC Deferral - Schedule 198 CPP Deferrals - SC	(156,103)	0	(3,588)	(159,691)	5.40%	(4,709)	(164,400)
Total	(156,103)	0	(3,588)	(159,691)	5.40%	(4,709)	(164,400)
232093 AWEC Deferral - Schedule 198 CPP Deferrals - Transport	(614,037)	0	(14,112)	(628,149)	5.40%	(18,525)	(646,674)
Total	(614,037)	0	(14,112)	(628,149)	5.40%	(18,525)	(646,674)

Company: Northwest Natural Gas Company
 State: Oregon
 Description: LEXINGTON RNG PROJECT SURCHARGE
 Account Number: 151928
 Docket: UG 435, Order 22-388

Month/Year (a)	Note (b)	Deferral (c)	Transfers (d)	Interest Rate (e)	Interest (f)	Activity (g)	Balance (h)
1							0
2				0.07	0.00	0.00	0.00
3	Feb-22			6.836%	-	-	-
4	Mar-22			6.836%	-	-	-
5	Apr-22			6.836%	-	-	-
6	May-22			6.836%	-	-	-
7	Jun-22			6.836%	-	-	-
8	Jul-22			6.836%	-	-	-
9	Aug-22			6.836%	-	-	-
10	Sep-22			6.836%	-	-	-
11	Oct-22			6.836%	-	-	-
12	Nov-22			6.836%	-	-	-
13	Dec-22			6.836%	-	-	-
14	Jan-23			6.130%	-	-	-
15	Feb-23	881,091		6.130%	2,250	883,342	883,342
16	Mar-23			6.130%	4,512	4,512	887,854
17	Apr-23			6.130%	4,535	4,535	892,389
18	May-23			6.130%	4,559	4,559	896,948
19	Jun-23			6.130%	4,582	4,582	901,530
20	Jul-23			6.130%	4,605	4,605	906,135
21	Aug-23			6.130%	4,629	4,629	910,764
22	Sep-23			6.130%	4,652	4,652	915,417
23	Oct-23			6.130%	4,676	4,676	920,093
24	Nov-23	1	(306,698)	6.130%	3,133	(303,564)	616,529
25	Dec-23			6.130%	3,149	3,149	619,678
26	Jan-24			6.400%	3,305	3,305	622,983
27	Feb-24			6.400%	3,323	3,323	626,306
28	Mar-24			6.400%	3,340	3,340	629,646
29	Apr-24			6.400%	3,358	3,358	633,004
30	May-24			6.400%	3,376	3,376	636,380
31	Jun-24			6.400%	3,394	3,394	639,774
32	Jul-24			6.400%	3,412	3,412	643,186
33	Aug-24			6.400%	3,430	3,430	646,617
34	Sep-24			6.400%	3,449	3,449	650,065
35	Oct-24			6.400%	3,467	3,467	653,532

Notes:

- 1** - Transferred authorized balance to amortization.
- 2** - Interest rate is the total of modified blended treasury rate plus 100 basis points.

Company: Northwest Natural Gas Company
 State: Oregon
 Description: OR Initial Lexington RTCs Amort
 Account Number: 151943

Interest Rate: November MBT Rate (PGA)

Debit (Credit)

	Month/Year	Note	Amortization	Transfers	Interest Rate	Interest	Activity	Balance	Notes
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	
1	Beginning Balance							0.00	
26	Nov-22	NEW	0.00		0.000%	-	0.00	0.00	
27	Dec-22		0.00		0.000%	-	0.00	0.00	
28	Jan-23		0.00		0.000%	-	0.00	0.00	
29	Feb-23		0.00		0.000%	-	0.00	0.00	
30	Mar-23		0.00		0.000%	-	0.00	0.00	
31	Apr-23		0.00		0.000%	-	0.00	0.00	
32	May-23		0.00		0.000%	-	0.00	0.00	
33	Jun-23		0.00		0.000%	-	0.00	0.00	
34	Jul-23		0.00		0.000%	-	0.00	0.00	
35	Aug-23		0.00		0.000%	-	0.00	0.00	
36	Sep-23		0.00		0.000%	-	0.00	0.00	
37	Oct-23		0.00		0.000%	-	0.00	0.00	
38	Nov-23	OLD	0.00		0.000%	-	0.00	0.00	
39	Nov-23	NEW	(15,904.05)	306,697.61	5.130%	1,277.14	292,070.70	292,070.70	Transfer from 151928
40	Dec-23		(35,433.62)		5.130%	1,172.86	(34,260.76)	257,809.94	
41	Jan-24		(41,418.47)		5.130%	1,013.61	(40,404.86)	217,405.08	
42	Feb-24		(36,895.98)		5.130%	850.54	(36,045.44)	181,359.64	
43	Mar-24		(33,999.89)		5.130%	702.64	(33,297.25)	148,062.39	
44	Apr-24		(25,736.27)		5.130%	577.96	(25,158.31)	122,904.08	
45	May-24		(21,598.55)		5.130%	479.25	(21,119.30)	101,784.78	
46	Jun-24		(16,822.78)		5.130%	399.17	(16,423.61)	85,361.17	
47	Jul-24	forecasted	(16,233.63)		5.130%	330.22	(15,903.41)	69,457.76	
48	Aug-24	forecasted	(15,644.47)		5.130%	263.49	(15,380.98)	54,076.78	
49	Sep-24	forecasted	(15,055.32)		5.130%	199.00	(14,856.32)	39,220.46	
50	Oct-24	forecasted	(14,466.17)		5.130%	136.75	(14,329.42)	24,891.04	

History truncated for ease of viewing

Company: Northwest Natural Gas Company
 State: Oregon
 Description: RNG Adjustment Mechanism Deferral
 Account Number: 151930
 Docket: UG 435, Order 22-388

	Month/Year	Rates	Deferral	Transfers	Interest Rate	Interest	Activity	Balance
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	Beginning Balance							0.00
1	Nov-22		(3,734.51)		6.836%	(10.64)	(3,745.14)	(3,745.14)
2	Dec-22		80,777.95		6.836%	208.75	80,986.70	77,241.55
3	Jan-23		34,866.20		6.836%	539.33	35,405.52	112,647.08
4	Feb-23		37,562.25		6.836%	748.70	38,310.95	150,958.03
5	Mar-23		53,895.05		6.836%	1,013.47	54,908.52	205,866.55
6	Apr-23		81,204.10		6.836%	1,404.05	82,608.15	288,474.70
7	May-23		33,102.81		6.836%	1,737.63	34,840.44	323,315.14
8	Jun-23		37,086.64		6.836%	1,947.45	39,034.10	362,349.24
9	Jul-23		101,055.27		6.836%	2,352.02	103,407.29	465,756.53
10	Aug-23		23,949.76		6.836%	2,721.48	26,671.24	492,427.77
11	Sep-23		63,830.83		6.836%	2,987.01	66,817.84	559,245.61
12	Oct-23		20,586.17		6.836%	3,244.47	23,830.64	583,076.25
13	Nov-23	1	5,742.20	(370,676.85)	6.836%	1,226.32	(363,708.33)	219,367.92
14	Dec-23	2	48,897.96	(81,773.22)	6.836%	-	(32,875.26)	186,492.66
15	Jan-24		(8,554.80)		6.836%	1,038.02	(7,516.78)	178,975.88
16	Feb-24		143,292.53		6.836%	1,427.71	144,720.24	323,696.12
17	Mar-24		(15,847.20)		6.836%	1,798.85	(14,048.35)	309,647.78
18	Apr-24		75,568.78		6.836%	1,979.21	77,547.98	387,195.76
19	May-24		52,684.20		6.836%	2,355.79	55,039.98	442,235.74
20	Jun-24		42,314.06		6.836%	2,639.79	44,953.85	487,189.59
21	Jul-24 forecasted				6.836%	2,775.36	2,775.36	489,964.95
22	Aug-24 forecasted				6.836%	2,791.17	2,791.17	492,756.12
23	Sep-24 forecasted				6.836%	2,807.07	2,807.07	495,563.18
24	Oct-24 forecasted				6.836%	2,823.06	2,823.06	498,386.24

Notes:

1 - Transferred authorized balance to amortization.

2 - Transfer represents amount associated to transportation customers due to invalidation of CPP in December 2024.

Company: Northwest Natural Gas Company **Interest Rate: November MBT Rate (PGA)**
 State: Oregon
 Description: OR RNG Adjustment Mechanism Amort
 Account Number: 151942

Debit (Credit)

Month/Year	Note	Amortization	Transfers	Interest Rate	Interest	Activity	Balance	Notes
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	
Beginning Balance							0.00	
Nov-22	NEW	0.00		0.000%	-	0.00	0.00	
Dec-22		0.00		0.000%	-	0.00	0.00	
Jan-23		0.00		0.000%	-	0.00	0.00	
Feb-23		0.00		0.000%	-	0.00	0.00	
Mar-23		0.00		0.000%	-	0.00	0.00	
Apr-23		0.00		0.000%	-	0.00	0.00	
May-23		0.00		0.000%	-	0.00	0.00	
Jun-23		0.00		0.000%	-	0.00	0.00	
Jul-23		0.00		0.000%	-	0.00	0.00	
Aug-23		0.00		0.000%	-	0.00	0.00	
Sep-23		0.00		0.000%	-	0.00	0.00	
Oct-23		0.00		0.000%	-	0.00	0.00	
Nov-23	OLD	0.00		0.000%	-	0.00	0.00	
Nov-23	NEW	(19,312.77)	370,676.85	5.130%	1,543.36	352,907.44	352,907.44	Transfer from 151930
Dec-23		(43,027.25)		5.130%	1,416.71	(41,610.54)	311,296.90	
Jan-24		(50,294.57)		5.130%	1,223.29	(49,071.28)	262,225.62	
Feb-24		(44,802.93)		5.130%	1,025.25	(43,777.68)	218,447.94	
Mar-24		(41,286.32)		5.130%	845.62	(40,440.70)	178,007.24	
Apr-24		(31,251.91)		5.130%	694.18	(30,557.73)	147,449.51	
May-24		(26,227.52)		5.130%	574.29	(25,653.23)	121,796.28	
Jun-24		(20,428.35)		5.130%	477.01	(19,951.34)	101,844.94	
Jul-24	forecasted	(18,619.85)		5.130%	395.59	(18,224.26)	83,620.68	
Aug-24	forecasted	(16,699.55)		5.130%	321.78	(16,377.77)	67,242.91	
Sep-24	forecasted	(14,779.25)		5.130%	255.87	(14,523.38)	52,719.54	
Oct-24	forecasted	(12,858.95)		5.130%	197.89	(12,661.06)	40,058.48	

History truncated for ease of viewing

Company: Northwest Natural Gas Company
 State: Oregon
 Description: RNG Investment Deferral - Lexington Sharing
 Account Number: 151931
 Docket: UI 452, Order 22-211

	Month/Year	Rates	Deferral	Transfers	Interest Rate	Interest	Activity	Balance
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	Beginning Balance							
1	Nov-22		(6,025.77)		6.836%	(17)	(6,043)	(6,043)
2	Dec-22		(19,279.27)		6.836%	(89)	(19,369)	(25,412)
3	Jan-23		-		6.836%	(145)	(145)	(25,556)
4	Feb-23		-		6.836%	(146)	(146)	(25,702)
5	Mar-23		(50,959.75)		6.836%	(292)	(51,251)	(76,953)
6	Apr-23		-		6.836%	(438)	(438)	(77,392)
7	May-23		-		6.836%	(441)	(441)	(77,832)
8	Jun-23		(71,010.39)		6.836%	(646)	(71,656)	(149,488)
9	Jul-23		-		6.836%	(852)	(852)	(150,340)
10	Aug-23		-		6.836%	(856)	(856)	(151,197)
11	Sep-23		(129,497.87)		6.836%	(1,230)	(130,728)	(281,925)
12	Oct-23		-		6.836%	(1,606)	(1,606)	(283,531)
13	Nov-23	1	-	152,924.05	6.836%	(744)	152,180	(131,351)
14	Dec-23	2	(81,553.35)	35,603.00	6.836%	(778)	(46,728)	(178,079)
15	Jan-24		-		6.836%	(1,014)	(1,014)	(179,093)
16	Feb-24		-		6.836%	(1,020)	(1,020)	(180,113)
17	Mar-24		(80,320.92)		6.836%	(1,255)	(81,576)	(261,689)
18	Apr-24		-		6.836%	(1,491)	(1,491)	(263,180)
19	May-24		-		6.836%	(1,499)	(1,499)	(264,679)
20	Jun-24		(102,282.41)		6.836%	(1,799)	(104,082)	(368,761)
21	Jul-24	<i>forecasted</i>			6.836%	(2,101)	(2,101)	(370,861)
22	Aug-24	<i>forecasted</i>			6.836%	(2,113)	(2,113)	(372,974)
23	Sep-24	<i>forecasted</i>			6.836%	(2,125)	(2,125)	(375,099)
24	Oct-24	<i>forecasted</i>			6.836%	(2,137)	(2,137)	(377,236)

Notes:

- 1 - Transferred authorized balance to amortization.
- 2 - Transfer represents amount associated to transportation customers due to invalidation of CPP in December 2024.

Company: Northwest Natural Gas Company
 State: Oregon
 Description: OR Lexington Sharing Amort
 Account Number: 151944

Interest Rate: November MBT Rate (PGA)

Debit (Credit)

Month/Year	Note	Amortization	Transfers	Interest Rate	Interest	Activity	Balance	Notes
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	
1	Beginning Balance						0.00	
26	Nov-22 NEW	0.00		0.000%	-	0.00	0.00	
27	Dec-22	0.00		0.000%	-	0.00	0.00	
28	Jan-23	0.00		0.000%	-	0.00	0.00	
29	Feb-23	0.00		0.000%	-	0.00	0.00	
30	Mar-23	0.00		0.000%	-	0.00	0.00	
31	Apr-23	0.00		0.000%	-	0.00	0.00	
32	May-23	0.00		0.000%	-	0.00	0.00	
33	Jun-23	0.00		0.000%	-	0.00	0.00	
34	Jul-23	0.00		0.000%	-	0.00	0.00	
35	Aug-23	0.00		0.000%	-	0.00	0.00	
36	Sep-23	0.00		0.000%	-	0.00	0.00	
37	Oct-23	0.00		0.000%	-	0.00	0.00	
38	Nov-23 OLD	0.00		0.000%	-	0.00	0.00	
39	Nov-23 NEW	8,520.32	(152,924.05)	5.130%	(635.54)	(145,039.27)	(145,039.27)	Transfer from 151931
40	Dec-23	18,982.56		5.130%	(579.47)	18,403.09	(126,636.18)	
41	Jan-24	22,188.74		5.130%	(493.94)	21,694.80	(104,941.38)	
42	Feb-24	19,765.98		5.130%	(406.37)	19,359.61	(85,581.77)	
43	Mar-24	18,214.52		5.130%	(326.93)	17,887.59	(67,694.18)	
44	Apr-24	13,787.57		5.130%	(259.92)	13,527.65	(54,166.53)	
45	May-24	11,570.96		5.130%	(206.83)	11,364.13	(42,802.40)	
46	Jun-24	9,012.49		5.130%	(163.72)	8,848.77	(33,953.63)	
47	Jul-24 <i>forecasted</i>	8,696.87		5.130%	(126.56)	8,570.31	(25,383.32)	
46	Aug-24 <i>forecasted</i>	8,381.26		5.130%	(90.60)	8,290.66	(17,092.66)	
47	Sep-24 <i>forecasted</i>	8,065.64		5.130%	(55.83)	8,009.81	(9,082.85)	
48	Oct-24 <i>forecasted</i>	7,750.03		5.130%	(22.26)	7,727.77	(1,355.08)	

History truncated for ease of viewing

Company: Northwest Natural Gas Company
 State: Oregon
 Description: AWEC Deferral - Schedule 198 CPP Deferrals - To Sales (SB98)
 Account Number: **151937**

Month/Year	Rates	Deferral	Transfers	Interest Rate	Interest	Activity	Balance
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
		Beginning Balance					
1	Nov-23			6.836%	-	0.00	0.00
2	Dec-23	20,686.77		6.836%	58.92	20,745.69	20,745.69
3	Jan-24	140,631.70		6.836%	518.75	141,150.45	161,896.14
4	Feb-24	138,847.71		6.836%	1,317.75	140,165.46	302,061.60
5	Mar-24	131,170.26		6.836%	2,094.36	133,264.62	435,326.22
6	Apr-24	129,032.33		6.836%	2,847.44	131,879.77	567,205.99
7	May-24	124,527.25		6.836%	3,585.88	128,113.13	695,319.12
8	Jun-24	118,565.62		6.836%	4,298.72	122,864.34	818,183.47
9	Jul-24 <i>forecasted</i>			6.836%	4,660.92	4,660.92	822,844.39
10	Aug-24 <i>forecasted</i>			6.836%	4,687.47	4,687.47	827,531.86
11	Sep-24 <i>forecasted</i>			6.836%	4,714.17	4,714.17	832,246.03
12	Oct-24 <i>forecasted</i>			6.836%	4,741.03	4,741.03	836,987.06

Company: Northwest Natural Gas Company
 State: Oregon
 Description: AWEC Deferral - Schedule 198 CPP Deferrals - From Transport
 Account Number: **232093**

Month/Year	Rates	Deferral	Transfers	Interest Rate	Interest	Activity	Balance
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
Beginning Balance							
1	Nov-23			6.836%	-	0.00	0.00
2	Dec-23	1	46,170.22	6.836%	204.09	25,687.55	25,687.55
3	Jan-24	(140,631.70)		6.836%	(254.23)	(140,885.93)	(115,198.39)
4	Feb-24	(138,847.71)		6.836%	(1,051.73)	(139,899.44)	(255,097.83)
5	Mar-24	(131,170.26)		6.836%	(1,826.82)	(132,997.08)	(388,094.90)
6	Apr-24	(129,032.33)		6.836%	(2,578.37)	(131,610.70)	(519,705.60)
7	May-24	(124,527.25)		6.836%	(3,315.28)	(127,842.53)	(647,548.14)
8	Jun-24	(118,565.62)		6.836%	(4,026.58)	(122,592.20)	(770,140.34)
9	Jul-24	<i>forecasted</i>		6.836%	(4,387.23)	(4,387.23)	(774,527.57)
10	Aug-24	<i>forecasted</i>		6.836%	(4,412.23)	(4,412.23)	(778,939.80)
11	Sep-24	<i>forecasted</i>		6.836%	(4,437.36)	(4,437.36)	(783,377.16)
12	Oct-24	<i>forecasted</i>		6.836%	(4,462.64)	(4,462.64)	(787,839.80)

NOTES

1 - Transfer represents amount associated to transportation customers due to invalidation of CPP in December 2024.

SC

Month/Year	Rates	Deferral	Transfers	Interest Rate	Interest	Activity	Balance
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
Beginning Balance							
1	Nov-23			6.836%	-	0.00	0.00
2	Dec-23	1	10,456.98	6.836%	47.76	6,359.20	6,359.20
3	Jan-24	(4,145.54)		6.836%	(50.26)	(30,414.03)	(24,054.82)
4	Feb-24	(30,083.94)		6.836%	(222.72)	(30,306.66)	(54,361.49)
5	Mar-24	(28,971.81)		6.836%	(392.20)	(29,364.01)	(83,725.50)
6	Apr-24	(24,671.14)		6.836%	(547.23)	(25,218.37)	(108,943.87)
7	May-24	(22,751.50)		6.836%	(685.42)	(23,436.92)	(132,380.79)
8	Jun-24	(22,902.92)		6.836%	(819.36)	(23,722.28)	(156,103.07)
9	Jul-24	<i>forecasted</i>		6.836%	(889.27)	(889.27)	(156,992.34)
10	Aug-24	<i>forecasted</i>		6.836%	(894.33)	(894.33)	(157,886.67)
11	Sep-24	<i>forecasted</i>		6.836%	(899.43)	(899.43)	(158,786.10)
12	Oct-24	<i>forecasted</i>		6.836%	(904.55)	(904.55)	(159,690.65)

NOTES

1 - Transfer represents amount associated to transportation customers due to invalidation of CPP in December 2024.

Trans

Month/Year	Rates	Deferral	Transfers	Interest Rate	Interest	Activity	Balance
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
Beginning Balance							
1	Nov-23			6.836%	-	0.00	0.00
2	Dec-23	1	35,713.24	6.836%	156.33	19,328.34	19,328.34
3	Jan-24	(110,267.94)		6.836%	(203.97)	(110,471.91)	(91,143.56)
4	Feb-24	(108,763.77)		6.836%	(829.01)	(109,592.78)	(200,736.34)
5	Mar-24	(102,198.45)		6.836%	(1,434.62)	(103,633.07)	(304,369.41)
6	Apr-24	(104,361.19)		6.836%	(2,031.15)	(106,392.34)	(410,761.75)
7	May-24	(101,775.75)		6.836%	(2,629.86)	(104,405.61)	(515,167.36)
8	Jun-24	(95,662.71)		6.836%	(3,207.22)	(98,869.93)	(614,037.28)
9	Jul-24	<i>forecasted</i>		6.836%	(3,497.97)	(3,497.97)	(617,535.25)
10	Aug-24	<i>forecasted</i>		6.836%	(3,517.89)	(3,517.89)	(621,053.14)
11	Sep-24	<i>forecasted</i>		6.836%	(3,537.93)	(3,537.93)	(624,591.07)
12	Oct-24	<i>forecasted</i>		6.836%	(3,558.09)	(3,558.09)	(628,149.16)

NOTES

1 - Transfer represents amount associated to transportation customers due to invalidation of CPP in December 2024.

NW Natural
Determination of Cost of Service
Dakota City RNG Costs from Nov 2024 - Oct 2025

	<u>Year 2</u>
Depreciation	455,373
O&M	1,254,923
Property Taxes	160,209
Taxes on Equity Return	
State and Federal Income Taxes	184,178
Total Taxes	<u>184,178</u>
Return on Rate Base	
Debt and Equity Return	666,678
Total Return	<u>666,678</u>
Subtotal Cost of Service	2,721,361
Revenue Sensitive Items	<u>82,591</u>
Total Cost of Service - Annual	<u><u>\$2,803,953</u></u>

Combined Overall Tax Rate (OR & Fed)	27.004%		
Property Tax Rate	1.500%		
Franchise Taxes	2.342%		
Commission Fee	0.450%		3.035% '---> (rev sens rate)
Uncollectible Rate	0.243%		
		Capital	
		Structure	Rates
			Post-Tax
Long-Term Debt	50.000%	4.271%	2.136%
Common Equity	50.000%	9.400%	4.700%
ROR			<u>6.836%</u>
Bonus Depreciation?	NO	0%	---> At 0%, no bonus depreciation.
Non-Bonus		100%	