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October 29, 2024

NWN OPUC Advice No. 24-20

VIA ELECTRONIC FILING

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

Re: UG 490; Order No. 24-359: Compliance Filing with Combined Effects of Annual PGA:

UG 503: NWN OPUC Advice No. 24-04
UG 504: NWN OPUC Advice No. 24-05A
UG 505: NWN OPUC Advice No. 24-06B
UG 506: NWN OPUC Advice No. 24-07A
UG 507: NWN OPUC Advice No. 24-08
UG 508: NWN OPUC Advice No. 24-09A
UG 509: NWN OPUC Advice No. 24-10A
UG 510: NWN OPUC Advice No. 24-11A
UG 511: NWN OPUC Advice No. 24-12B
UG 512: NWN OPUC Advice No. 24-13A
UG 513: NWN OPUC Advice No. 24-14
UG 514: NWN OPUC Advice No. 24-15A
UG 515: NWN OPUC Advice No. 24-16C
UG 516: NWN OPUC Advice No. 24-17A
UG 517: NWN OPUC Advice No. 24-18A
UG 518: NWN OPUC Advice No. 24-19A

Northwest Natural Gas Company, dba NW Natural (NW Natural or Company), files herewith revisions and additions to its Tariff P.U.C. Or. 25¹, as listed in the attached table of tariff sheet revisions, stated to become effective with service on and after **November 1, 2024**.

This filing is made in compliance with Order No. 24-359 in docket UG 490 issued on October 25, 2024 (Rate Case Order), and in accordance with OAR 860-022-0025. The Company makes this compliance filing without waiving, restricting or in any way affecting its rights under ORS 756.561 to request rehearing or reconsideration of this Rate Case Order or its rights under ORS 183.480 through 183.484 to appeal this Rate Case Order by filing a petition for review with the Court of Appeals.

¹ Tariff P.U.C. Or. 25 was filed pursuant to ORS 757.205 and OAR 860-022-0005 and originated November 1, 2012 with Docket UG 221; OPUC Order No. 12-408 as supplemented by Order No. 12-437.

Purpose

The purpose of this filing is to reflect the combined effects of general revisions to rates and rate schedules in compliance with the Rate Case Order and the effect of rate changes expected to be approved by the Public Utility Commission of Oregon (Commission) as part of the Company’s annual Purchased Gas Adjustment (PGA) filings effective on November 1, 2024, listed by docket above. NW Natural notes that the Commission’s decision on the PGA and related filings have been scheduled for the afternoon special public meeting on October 29, 2024. NW Natural makes this filing reflecting combined effects of the as-filed PGA and related filings and UG 490 at the direction of the Rate Case Order, without presupposing the Commission’s decisions at the special public meeting.

The combined effect of these rate changes on customer bills is shown in the table below:

Rate Schedule	Customer Class	Average Monthly Bill Change (\$) (1) (2)	Average Monthly Bill Change (%) (1) (2)
2	Residential	\$3.74	4.7%
3	Commercial	\$23.35	8.2%
3	Industrial	(\$5.19)	-0.4%
4	Residential Multi-Family	\$1.02	9.9%
27	Residential Dry-Out Service	\$4.31	7.2%
31	Commercial Firm Sales	(\$43.21)	-1.7%
31	Commercial Firm Transportation	\$74.92	4.4%
31	Industrial Firm Sales	(\$85.29)	-2.0%
31	Industrial Firm Transportation	\$80.24	4.1%
32	Commercial Firm Sales	(\$136.62)	-2.4%
32	Industrial Firm Sales	(\$519.60)	-3.8%
32	Commercial Firm Transportation	\$142.90	4.2%
32	Industrial Firm Transportation	\$27.25	0.4%
32	Commercial Interruptible Sales	(\$1,282.51)	-4.5%
32	Industrial Interruptible Sales	(\$1,314.67)	-4.9%
32	Commercial Interruptible Transportation	(\$154.32)	-1.3%
32	Industrial Interruptible Transportation	(\$367.38)	-3.1%
33	Firm & Interruptible Transportation	\$0.00	0.0%

(1) Due to customer optionality, demand charges are not included in the calculations for Rate Schedule 31 & 32.

(2) Average Monthly Bill Change are calculated based on UG 490 volumes and customer counts.

Background

On December 29, 2023, NW Natural filed a general rate case docketed as UG 490. In the Rate Case Order, the Commission approved the three Partial Stipulations filed in UG 490.² The effective date of the rates approved in Order No. 24-359 is November 1, 2024.

² The First Partial Stipulation was filed on February 26, 2024, the Second Partial Stipulation was filed on July 24, 2024, and the Third Partial Stipulation was filed on August 12, 2024.

In September and October 2024, NW Natural filed the updates for its annual PGA and related filings in the dockets listed in the subject line of this compliance letter. The Commission will consider approval of all these filings at its October 29, 2024 special public meeting, with an effective date of November 1, 2024.

Compliance Filing

In the Rate Case Order, the Commission adopted the three Partial Stipulations filed in UG 490 and provided determinations on contested issues. In compliance with the Rate Case Order, this compliance filing reflects the stipulated and Commission-determined items as detailed below:

UG 490 Stipulations

1. **Cost of Debt.** The final revenue requirement reflected in this compliance filing has incorporated the cost of long-term debt of 4.712% as agreed upon in the First Partial Stipulation and approved by the Rate Case Order.
2. **Revenue Requirement.** The final revenue requirement reflected in this compliance filing has incorporated the Second Partial Stipulation increase of \$95 million as approved by the Rate Case Order, which included the Commission-approved UM 2312 settlement in the Company's depreciation study proceeding³, a 50/50 capital structure with a 9.40% return on equity (overall rate of return 7.056%), and an adjustment for capital projects that will not go into service by October 31, 2024 except for capital additions related to customer growth using the Company's forecasted customer counts from the initial UG 490 filing, all described in Exhibit A.

The final revenue requirement increase of \$93.3 million reflects the following adjustments that are further described below: 1) removal of capital projects as detailed in the Officer Attestation; 2) removal of undepreciated amounts associated with residential line extension allowances as outlined in the Rate Case Order; and 3) addition reflecting 75 percent of the Company's government affairs costs.

3. **Officer Attestation.** Per item 2 of the Second Partial Stipulation, NW Natural agreed to file officer attestations on or before October 4, 2024 and October 25, 2024 regarding whether projects forecast to cost over \$1 million would be completed by October 31, 2024. NW Natural made timely filings in compliance with the Second Partial Stipulation. The October 25, 2024 attestation identified five projects that would not be completed by October 31, 2024. This compliance filing reflects the removal of these projects from rate base, resulting in a reduction to revenue requirement of \$1,375,418.
4. **Rate Spread and Rate Design.** Exhibits B and C reflect the approved rate spread and rate design per Attachment 1 of the Second Multi-Party Stipulation and the Rate Case Order.
5. **Residential Bill Discount Program Discount Levels.** NW Natural has updated tariff Schedule 330 included in this compliance filing for the new approved discount levels per item 4 of the Second Partial Stipulation. Discount tiers now reflect Tier 0 – 85 percent, Tier 1 - 50 percent, Tier 2 – 30 percent, and Tier 3 – 15 percent. These discount levels will take effect on November 1, 2024.

³ See *In the Matter of Northwest Natural Gas Company dba NW Natural, Updated Depreciation Study*, Docket No. UM 2312, Order No. 24-302 (Aug. 29, 2024).

6. Cost Recovery for Bill Discount Program. NW Natural has added language to tariff Schedule 335 included in this compliance filing to reflect the cost recovery parameters described in item 7 of the Second Partial Stipulation.

Commission Determinations on Contested Items

7. Line Extension Allowance. NW Natural has made revisions to tariff Schedule X included in this compliance filing to reflect the Commission's decision in the Rate Case Order. The residential line extension allowance is set at three times margin beginning November 1, 2024, decreasing to two times margin beginning November 1, 2025, one times margin beginning November 1, 2026, and eliminated entirely by November 1, 2027.
8. Monthly Residential Customer Charges. The enclosed tariff Residential Schedule 2 reflects a \$10 customer charge for single-family premises and an \$8 customer charge for multi-family premises, as authorized by the Commission determination in the Rate Case Order.⁴
9. Decoupling. In compliance with the Rate Case Order, the billing determinants used to derive the rates in this compliance filing reflect recalculated weather normalized use per customer (UPC) values bifurcated for new and existing customer premises groups, with the new customer premises group including premises connected to the Company's system on or after January 1, 2018, matching the decoupling baseline UPCs. The enclosed tariff Schedule 190 has also been updated to reflect these updates.
10. Line Extension Allowance Rate Base Adjustment. NW Natural has included in the final revenue requirement discussed in item 2 above an adjustment for a \$13.7 million rate base reduction related to residential line extension allowances (LEA) in compliance with the Rate Case Order.
11. Renewable Natural Gas (RNG) Schedule 198. In the Rate Case Order, the Commission declined to approve NW Natural's proposed changes to Schedule 198. The enclosed tariff Schedule 198 reflects the terms and conditions of the schedule that existed before the UG 490 rate case and the rates have been updated to reflect the use of the approved UG 490 cost of capital in the determination of the cost of service for the RNG investments included in the Company's annual update to Schedule 198, filed as part of the PGA in docket UG 516.
12. Lobbying Costs. In the Rate Case Order, the Commission set rates at 75 percent of the Company's government affairs budget. Accordingly, the final revenue requirement described above in item 2 includes an adjustment to increase revenue requirement to add the costs associated with 75 percent of its government affairs costs.

⁴ The Rate Case Order (at page 16) states that the Commission "direct[s] NW Natural to file updated tariff sheets including the \$8 customer charge for single-family premises customers and the \$10 customer charge for multi-family premises customers as settled by the second partial stipulation, as well as recalculating the residential rates." It is the Company's understanding that the Commission intended the customer charge for single-family premises to be \$10 (rather than the stated \$8) and for multi-family premises customers to be \$8 (rather than the stated \$10), as the Second Partial Stipulation settled on a \$10 customer charge for single-family premises customers and an \$8 customer charge for multi-family premises customers. See Rate Case Order, pp. 5 (citing NW Natural-Staff-CUB-AWEC-Coalition/100, Kravitz-Muldoon-Jenks-Mullins-Fain/6, 15-16) and 12 (citing NW Natural/4800, Wyman-Walker/6).

In addition, this compliance filing includes an updated Schedule 167 General Adjustments to Rates to reflect the change in base rates approved in the Rate Case Order.

Proposed Changes

Combined Effects of Order No. 24-359 and PGA Filings

1. Exhibit C of this compliance filing reflects the combined effects of the general rate changes adopted in docket UG 490 and the effects of the respective PGA-related dockets listed above.
2. A list of all affected tariff sheets can be found in the attached Table of Tariff sheets.

Tariff Sheets Impacted by Both Order No. 24-359 and PGA Filings

This compliance filing includes updates to the following adjustment schedules that were filed as part of NW Natural’s PGA-related filings that are expected to be approved at the October 29 special public meeting to reflect the use of the approved UG 490 cost of capital in the determination of the cost of service of the investments included for recovery:

- RNG Schedule 198
- Mist Recall Schedule 187
- Transportation Security Administration Capital and Cost of Service Schedule 189

In addition, this compliance filing includes an updated Schedule 100 Summary of Temporary Adjustments expected to be approved as part of the Company’s PGA filings to update the rate adjustments, described above, that were impacted by the cost of capital approved in the Rate Case Order.

Lastly, as described above in item 9, Decoupling Schedule 190 has been updated to include language needed as a result of the bifurcation of UPCs.

As a result, the following tariff sheets cancel the tariff sheets previously filed and expected to be approved in the Company’s PGA filings; as a result, the sheet revision numbers in this compliance filing follow consecutively from the sheets they are cancelling as shown below:

UG 490 Compliance Filing Tariff Sheet	Cancels Tariff Sheet from PGA filings
Eleventh Revision of Sheet 100-1	Tenth Revision of Sheet 100-1 from UG 518, NWN OPUC Advice No. 24-19A
Tenth Revision of Sheet 100-2	Ninth Revision of Sheet 100-2 from UG 518, NWN OPUC Advice No. 24-19A
Eleventh Revision of Sheet 100-3	Tenth Revision of Sheet 100-3 from UG 518, NWN OPUC Advice No. 24-19A
Tenth Revision of Sheet 100-4	Ninth Revision of Sheet 100-4 from UG 518, NWN OPUC Advice No. 24-19A
Fourth Revision of Sheet 187-1	Third Revision of Sheet 187-1 from UG 517, NWN OPUC Advice No. 24-18A
Third Revision of Sheet 189-1	Second Revision of Sheet 189-1 from UG 515, NWN OPUC Advice 24-16C

Sixteenth Revision of Sheet 190-1	Fifteenth Revision of Sheet 190-1 from UG 507, NWN OPUC Advice No. 24-08
Third Revision of Sheet 198-1	Second Revision of Sheet 198-1 from UG 516, NWN OPUC Advice No. 24-17A

Conclusion

NW Natural respectfully requests that the tariff sheet revisions listed in the attached table providing a complete list of all tariff sheets that have been revised in compliance with Order No. 24-359 be approved with an effective date of 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.

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

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

Sincerely,

/s/ Kyle Walker, CPA

Kyle Walker, CPA
Rates/Regulatory Senior Manager

Attachments

NW Natural
TABLE OF TARIFF SHEET REVISIONS
PROPOSED TO BECOME EFFECTIVE NOVEMBER 1, 2024
OPUC Advice 24-20; UG 490 Compliance Filing

Schedule Title	Proposed Sheet
Rate Schedule H – Large Volume Non-Residential High Pressure Gas Service (HPGS) Rider	Sixth Revision of Sheet H-5
Rate Schedule X Distribution Facilities Extensions for Applicant-Requested Services and Mains	Second Revision of Sheet X-5
Rate Schedule X Distribution Facilities Extensions for Applicant-Requested Services and Mains	First Revision of Sheet X-6
Rate Schedule X Distribution Facilities Extensions for Applicant-Requested Services and Mains	First Revision of Sheet X-7
Rate Schedule 2 - Residential Sales Service	Sixteenth Revision of Sheet 2-1
Rate Schedule 3 - Basic Firm Sales Service – Non-Residential	Fifteenth Revision of Sheet 3-4
Rate Schedule 4 – Residential Multi-Family Service	Fourth Revision of Sheet 4-1
Rate Schedule 15 – Charges for Special Metering Equipment, Rental Meters, and Metering Services (Optional)	Fifth Revision of Sheet 15-1
Rate Schedule 15 – Charges for Special Metering Equipment, Rental Meters, and Metering Services (Optional)	Fifth Revision of Sheet 15-2
Rate Schedule 27 - Residential Heating Dry-Out Service	Thirteenth Revision of Sheet 27-1
Rate Schedule 31 - Non-Residential Firm Sales and Firm Transportation Service	Fifteenth Revision of Sheet 31-11
Rate Schedule 31 - Non-Residential Firm Sales and Firm Transportation Service	Thirteenth Revision of Sheet 31-12
Rate Schedule 32 - Large Volume Non-Residential Sales and Transportation Service	Thirteenth Revision of Sheet 32-12
Rate Schedule 32 - Large Volume Non-Residential Sales and Transportation Service	Fifteenth Revision of Sheet 32-13
Rate Schedule 32 - Large Volume Non-Residential Sales and Transportation Service	Thirteenth Revision of Sheet 32-14
Schedule 100 - Summary of Temporary Adjustments	Eleventh Revision of Sheet 100-1
Schedule 100 - Summary of Temporary Adjustments	Tenth Revision of Sheet 100-2
Schedule 100 - Summary of Temporary Adjustments	Eleventh Revision of Sheet 100-3
Schedule 100 - Summary of Temporary Adjustments	Tenth Revision of Sheet 100-4
Schedule 167 - General Adjustments to Rates	Fifth Revision of Sheet 167-1

Schedule 175 – Amortization of Horizon 1 Start-Up Cost Deferral	First Revision of Sheet 175-1
Schedule 182 - Rate Adjustment for Environmental Cost Recovery	Third Revision of Sheet 182-1
Schedule 187 – Special Rate Adjustment for Mist Capacity Recall	Fourth Revision of Sheet 187-1
Schedule 189 – Adjustment for TSA Capital and Cost of Service Cost Recovery	Third Revision of Sheet 189-1
Schedule 190 - Partial Decoupling Mechanism	Sixteenth Revision of Sheet 190-1
Schedule 190 - Partial Decoupling Mechanism	Thirteenth Revision of Sheet 190-2
Schedule 195 - Weather Adjusted Rate Mechanism (WARM Program)	Fifth Revision of Sheet 195-3
Schedule 195 - Weather Adjusted Rate Mechanism (WARM Program)	Ninth Revision of Sheet 195-4
Schedule 195 - Weather Adjusted Rate Mechanism (WARM Program)	Thirteenth Revision of Sheet 195-5
Schedule 196 – Adjustment for Certain Excess Deferred Income Taxes Related to the 2017 Federal Tax Cuts and Jobs Act	Third Revision of Sheet 196-1
Schedule 196 – Adjustment for Certain Excess Deferred Income Taxes Related to the 2017 Federal Tax Cuts and Jobs Act	Fifth Revision of Sheet 196-2
Schedule 196 – Adjustment for Certain Excess Deferred Income Taxes Related to the 2017 Federal Tax Cuts and Jobs Act	Third Revision of Sheet 196-3
Schedule 197 – Amortization of Pension Balancing Account	First Revision of Sheet 197-1
Schedule 197 – Amortization of Pension Balancing Account	Third Revision of Sheet 197-2
Schedule 198 – Renewable Natural Gas Adjustment Mechanism	Third Revision of Sheet 198-1
Schedule 330 – Residential Bill Discount Program – Optional for Qualifying Customers	First Revision of Sheet 330-1
Schedule 335 – Bill Discount Program Cost Recovery	Second Revision of Sheet 335-1

**RATE SCHEDULE H
 LARGE VOLUME NON-RESIDENTIAL
 HIGH PRESSURE GAS SERVICE (HPGS) RIDER
 (continued)**

Monthly Billing Rate (continued)

Cost Recovery Factors Primary 10-Year Term Effective November 1, 2024		
Year	No Bonus Depreciation	With Bonus Depreciation
Year 1	20.9%	20.4%
Year 2	19.6%	18.7%
Year 3	18.2%	17.6%
Year 4	17.0%	16.5%
Year 5	15.9%	15.6%
Year 6	14.8%	14.6%
Year 7	13.7%	13.6%
Year 8	12.7%	12.7%
Year 9	11.8%	11.8%
Year 10	10.9%	10.9%

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Scheduled Maintenance Charge includes the costs associated with providing Scheduled Maintenance on HPGS Facilities as well as an annual charge of \$10,087 per Customer for administrative services, which includes but is not limited to costs for managing the program, marketing, applying administrative and general overhead allocations, performing Customer credit evaluations, drafting the Customer agreements and site licenses, billing, warehousing and managing inventory of spare parts, monitoring, and dispatching. Scheduled Maintenance costs are initially based on expected labor and material costs known at the time the HPGS Agreement is executed. The labor component recovered through this charge includes the costs for administration. The Scheduled Maintenance Charge may be adjusted annually on the anniversary date of the execution of the HPGS Agreement to reflect any adjustments for differences between expected costs and actual costs, and to reflect any cost changes expected for the next 12-month period.

In addition to the Monthly Facility Charge and the Scheduled Maintenance Charge, the Company will bill and the Customer will be responsible to pay all actual costs associated with the Company's provision of Unscheduled Maintenance and Back-Up Services.

Unscheduled Maintenance will be billed as costs are incurred at actual costs for labor and materials plus overhead expenses.

(continue to Sheet H-6)

Issued October 29, 2024
 NWN OPUC Advice No. 24-20

Effective with service on
 and after November 1, 2024

NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Second Revision of Sheet X-5
Cancels First Revision of Sheet X-5

SCHEDULE X DISTRIBUTION FACILITIES EXTENSIONS FOR APPLICANT-REQUESTED SERVICES AND MAINS (continued)

REQUIREMENTS FOR NEW CONSTRUCTION AND PLANNED DEVELOPMENT INSTALLATIONS (continued):

The installation schedule for a Company provided utility pathway will be determined between the Company and the Applicant. If the Company fails to meet the agreed installation schedule, the Company will pay to the Applicant the service guarantee credit specified in **Schedule C**.

CONSTRUCTION ALLOWANCE:

The Construction Allowance is based upon the Customer classification. The customer classifications are:

- (1) Residential (Single-Family or Multi-Family Dwellings), and
- (2) Non-Residential (Commercial and Industrial) and Planned Developments.

An Applicant is subject to the conditions set forth in the "GENERAL CONDITIONS OF SERVICE" provision of this Schedule if the Applicant fails to install the equipment associated with the Construction Allowance afforded to the Applicant under this Schedule.

The Construction Allowances for each Customer classification follow:

Residential

The Construction Allowance per Residential dwelling will be equal to the factor shown below multiplied by the expected annual margin for Rate Schedule 2 based on the estimated therm usage attributable to the Applicant's particular installation. The Calculation of the estimated therm usage assumes usage in a permanent structure occupied 12 months per year and may be adjusted where service is requested where occupancy is known or expected to be less than 12 months per year. The amount of the Construction Allowance is based on the Effective Period that the Applicant signs the Service Agreement, while the construction may not commence until a subsequent Effective Period. The estimated therm usage is determined from the type and number of appliances to be installed. After November 1, 2027, the Construction Allowance per Residential dwelling is zero per Order No. 24-359.

<u>Effective Period</u>	<u>Margin Factor</u>
November 1, 2023 – October 31, 2024	4 times
November 1, 2024 – October 31, 2025	3 times
November 1, 2025 – October 31, 2026	2 times
November 1, 2026 – October 31, 2027	1 times
After November 1, 2027	0 times

(continue to Sheet X-6)

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Effective with service on
and after November 1, 2024

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**SCHEDULE X
DISTRIBUTION FACILITIES EXTENSIONS
FOR APPLICANT-REQUESTED SERVICES AND MAINS
(continued)**

CONSTRUCTION ALLOWANCE (continued):

The Construction Allowances shown above will apply to individually metered multi-family units. When a multi-family installation includes centralized gas-fired space or water heating equipment, or where the use of gas-fired equipment will be in place for laundry facilities, swimming pools, spas, or common building spaces, then the Non-Residential Construction Allowance will apply. In certain circumstances, both the Residential and Non-Residential Construction Allowances may apply to a multi-family Applicant.

Non-Residential and Planned Developments

The Construction Allowance for Non-Residential customers will equal 5.0 times the annual margin revenue that is estimated to be generated from the operation of natural gas-fired equipment to be installed at the service address. The Construction Allowance for Planned Developments will equal the margin factor in the Effective Period for Residential customers multiplied by the expected annual margin revenue that is estimated to be generated from the operation of natural gas-fired equipment to be installed at the service address.

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(N)

The Company will estimate therm usage associated with the operation of gas-fired equipment based on structure characteristics, the type and frequency of use of the gas-fired equipment, and the nameplate rating of the gas-fired equipment to be installed.

CONSTRUCTION CONTRIBUTION:

If the Construction Allowance applicable to an Applicant is less than the estimated construction cost, then a Construction Contribution will be required prior to any installation of natural gas service.

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The Company will not schedule any installation until the required Construction Contribution is paid. Each Construction Contribution payment will be adjusted for the applicable tax amount then in effect. The tax amount may change from time to time without prior notice.

After installation is complete, the estimated construction costs will be compared with actual construction costs. If the Applicant has made a Construction Contribution prior to installation and actual construction costs are less than the applicable Construction Allowance, then a refund of the cost difference will be issued to the Applicant. Any such refund is subject to the terms and conditions set forth in **Rule 11** and **Rule 16**.

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If the actual construction costs exceed the applicable Construction Allowance, the Company reserves the right to collect a Construction Contribution from the Applicant for the cost difference.

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(continue to Sheet X-7)

**SCHEDULE X
DISTRIBUTION FACILITIES EXTENSIONS
FOR APPLICANT-REQUESTED SERVICES AND MAINS
(continued)**

SERVICE AGREEMENTS:

A signed Service Agreement will be required for all Applicants. The Company will not schedule any installation until the Company receives the signed Service Agreement.

(C)
(C)

REFUNDS OF CONSTRUCTION CONTRIBUTIONS:

When the installation requires a Main Extension, any Construction Contribution paid may be subject to refund. A refund opportunity exists only when a new Service Line installation is added along the Main Extension within thirty-six (36) months from the date that the Main Extension was installed.

The Company will review Main Extension activity at the end of the thirty-six (36) month period to determine whether a refund of a Construction Contribution is due. The Company will perform a refund calculation prior to the end of the refund period upon specific request from the original contributor.

To determine the amount available for refund, the construction cost and the Construction Allowance will be updated. The construction cost will equal the actual construction cost of the original installation plus the cost of the subsequent connection. The Construction Allowance will equal the original Construction Allowance plus the Construction Allowance afforded the subsequent Applicant. If the resulting Construction Contribution is less than the Construction Contribution paid by the original contributor, then a refund equal to such difference will be issued to the original contributor. Below is an example Construction Contribution refund calculation for a single average Residential original contributor using an assumed 449.4 therms annually, when a second eligible Residential new Service Line installation with the same assumed annual usage is added along the Main Extension:

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Cost	Allowance	Contribution	Refund (if applicable)	Description
\$4,750				Cost of original Main Extension with 1 Service Line
	\$1,438			[Less] Original Construction Allowance
		\$3,312		[Equals] Original Construction Contribution Paid
\$1,225				[Add] Cost of new Service Line connection to original Main Extension
\$5,975				[Equals] Updated cost of Main Extension and 2 Service Lines
	\$2,876			[Less] Updated Construction Allowance on 2 Service Lines (Original Construction Allowance multiplied by a factor of 2)
		\$3,099		[Equals] Revised Construction Contribution (updated cost less updated Construction Allowance)
			\$213	[Equals] Refund to Original Contributor (Original Construction Contribution Paid less Revised Construction Contribution)

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In no event will a refund exceed the amount of the original Construction Contribution.
(continue to Sheet X-8)

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NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Sixteenth Revision of Sheet 2-1
Cancels Fifteenth Revision of Sheet 2-1

RATE SCHEDULE 2 RESIDENTIAL SALES SERVICE

AVAILABLE:

To Residential Class Customers in all territory served by the Company under the Tariff of which this Rate Schedule is a part. Temporary Disconnection of Service is allowed subject to Special Provision 1 of this Rate Schedule. The installation of Distribution Facilities, when required before service can be provided to equipment served under this Rate Schedule, is subject to the provisions of **Schedule X**.

SERVICE DESCRIPTION:

Service under this Rate Schedule is Firm Sales Service to gas equipment used for Domestic purposes by qualifying Residential Class Customers.

Service to a Vehicle Fueling Appliance is subject to the conditions set forth in Special Provisions 3 through 6 of this Rate Schedule.

MONTHLY RATE: Effective: November 1, 2024

(C)

The rates shown in this Rate Schedule may not always reflect actual billing rates. See **Schedule 100** for a list of applicable temporary adjustments. Rates are subject to changes for purchased gas costs and technical rate adjustments. The rates for Coos County customers are subject to the additional adjustment set forth in **Schedule 160**. The rates for service to a Vehicle Fueling Appliance shall be further adjusted as set forth in Special Provision 6 of this Rate Schedule. "Multi-Family" shall mean attached dwelling units of two or more attached units (for example, duplexes, apartments, condominiums or townhomes) that are individually metered on this Rate Schedule 2.

(N)

(N)

Minimum Monthly Bill: Customer Charge plus charges under **Schedule C** or **Schedule 15** (if applicable)

	Customer Charge	Base Rate	Base Adjustment	Pipeline Capacity	Commodity	Temporary Adjustment	Total Billing
Charge Type (Fixed / Variable):	Fixed Charge	Volumetric Charges (per therm)					
Residential Single-Family	\$10.00	\$0.79969	\$0.00889	\$0.10274	\$0.43366	(\$0.01390)	\$1.33108
Residential Multi-Family	\$8.00	\$0.79969	\$0.00889	\$0.10274	\$0.43366	(\$0.01390)	\$1.33108

(N)

(N)

(continue to Sheet 2-2)

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and after November 1, 2024

NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Fifteenth Revision of Sheet 3-4
Cancels Fourteenth Revision of Sheet 3-4

RATE SCHEDULE 3 BASIC FIRM SALES SERVICE - NON-RESIDENTIAL (continued)

MONTHLY RATE: Effective: November 1, 2024

(C)

The rates shown in this Rate Schedule may not always reflect actual billing rates. See **Schedule 100** for a list of applicable temporary adjustments. Rates are subject to changes for purchased gas costs and technical rate adjustments. The rates for Coos County customers are subject to the additional adjustment set forth in **Schedule 160**. The rates for service to CNG vehicle fueling equipment shall be further adjusted as set forth in Special Provision 7 of this Rate Schedule.

FIRM SALES SERVICE CHARGES: (03CSF and 03ISF)						Billing Rates [1]
Customer Charge (per month):						\$15.00
Volumetric Charges (per therm):	Base Rate	Base Adjustment	Pipeline Capacity	Commodity Component [2]	Temporary Adjustment	
Commercial	\$0.69954	\$0.00870	\$0.10274	\$0.43366	(\$0.06288)	\$1.18176
Industrial	\$0.47483	\$0.00855	\$0.10274	\$0.43366	\$0.03439	\$1.05417
Standby Charge (per therm of MHDV) [3]:						\$10.00

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[1] **Schedule C** and **Schedule 15** Charges shall apply, if applicable.

[2] The Commodity Component shown is the Annual Sales WACOG. The actual Commodity Component billed could be different for certain customers as described in the special provisions of this Rate Schedule

[3] Applies to Standby Sales Service only.

Minimum Monthly Bill. The Minimum Monthly Bill shall be the Customer Charge plus any **Schedule C** and **Schedule 15** Charges.

Issued October 29, 2024
NWN OPUC Advice No. 24-20

Effective with service on
and after November 1, 2024

NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Fourth Revision of Sheet 4-1
Cancels Third Revision of Sheet 4-1

RATE SCHEDULE 4 RESIDENTIAL MULTI-FAMILY SERVICE

APPLICABLE:

To Residential tenants that reside in a Participant Multi-Family Building.

MONTHLY RATE: \$11.32

Effective: November 1, 2024

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The monthly rate for service under this Rate Schedule 4 may be adjusted from time to time for the effects of changes approved by the Commission in a general rate case proceeding.

SPECIAL PROVISIONS:

1. Low-use gas appliances include gas range or cooktop, gas clothes dryer, and gas barbecue. All Natural Gas usage associated with low-use gas appliances served under this Schedule 4 will be metered and billed from the master meter that serves the Participant Building and will be collected from tenants in accordance with General Rule 17 of this Tariff and with Participant Building policy.
2. Customers billed under this Rate Schedule 4 are not subject to Schedule 301 Public Purposes Funding Surcharges.
3. Customers billed under this Rate Schedule 4 are not eligible for the following programs:

Schedule 310—Oregon Low-Income Gas Assistance (OLGA)

Schedule 320—Oregon Low-Income Energy Efficiency Programs (OLIEE)

Schedule 350—Energy Efficiency Services and Programs - Residential and Commercial

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 this Rate Schedule apply to service under this Rate Schedule, and by all rules and regulations prescribed by regulatory authorities, as amended from time to time.

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and after November 1, 2024

NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Fifth Revision of Sheet 15-1
Cancels Fourth Revision of Sheet 15-1

RATE SCHEDULE 15 CHARGES FOR SPECIAL METERING EQUIPMENT, RENTAL METERS AND METERING SERVICES (OPTIONAL)

AVAILABLE:

In all territory served by the Company under the Tariff of which this Rate Schedule is a part.

TERM OF SERVICE:

The Term of Service for monthly meter rentals and metering services provided under this Schedule is twelve (12) consecutive billing months. At the end of a full Term of Service, service under this Rate Schedule will continue on a billing month basis until terminated by either the Customer or the Company upon one (1) billing month advance notice.

MONTHLY METER RENTAL RATES:

Any Customer may rent supplementary displacement type meters from the Company at the following rates:

Diaphragm Meters: Effective: November 1, 2024

The currently available meter sizes and associated monthly charges are shown below:

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Meter Size (Cubic Feet/hour)	Monthly Charge
250	\$2.90
630	\$7.42
1000	\$10.47

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Rotary Meters: Effective: November 1, 2024

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Meter Size	Meter Capacity (Cubic Feet/hour)	Monthly Charge
1.5M175/15C175	1500	\$25.26
3M175	3000	\$38.93
5M175	5000	\$47.52
7M175	7000	\$49.61
11M175	11000	\$86.38
16M175	16000	\$104.54
23M175	23000	\$137.30
38M175	38000	\$264.42

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(continue to Sheet 15-2)

Issued October 29, 2024
NWN OPUC Advice No. 24-20

Effective with service on
and after November 1, 2024

NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Fifth Revision of Sheet 15-2
Cancels Fourth Revision of Sheet 15-2

RATE SCHEDULE 15 CHARGES FOR SPECIAL METERING EQUIPMENT, RENTAL METERS, AND METERING SERVICES (OPTIONAL)

(continued)

MONTHLY METER RENTAL RATES (Continued):

The following **diaphragm** meter sizes and associated monthly charges have been grandfathered for billing purposes. These meters/charges are not available to new meter rental requests.

Applicable			
Meters Installed Prior to 9/24/2008	Meters Installed Prior to 4/26/2018	Meter Size (cf/hour)	Monthly Charge
XX		175	\$0.81
	XX	200	\$0.81
	XX	275	\$1.00
XX		310	\$1.00
	XX	415	\$1.70
XX		425	\$1.70
	XX	500	\$1.70
XX		750	\$4.07
XX		800	\$4.07
		1400	\$9.29
	XX	1450	\$9.29
XX		2300	\$14.68
	XX	2500	\$14.68
	XX	3000	\$23.33
XX		5000	\$23.33
	XX	11000	\$23.33
XX		16000	\$23.33
	XX	18000	\$23.33

The following **rotary** meter sizes and associated monthly charges have been grandfathered for billing purposes. These meters/charges are not available to new meter rental requests.

Applicable			
Meters Installed Prior to 4/26/2018	Meter Size	Meter Capacity (cf/hour)	Monthly Charge
XX	8C175	800	\$ 13.00

METERING SERVICES AND CHARGES:

Metering Service	One Time Charge	Installation Charge	Monthly Charge
Rental Read	---	---	\$0.76
Advanced Automated Meter Reading (AAMR) Device ¹	---	\$1,270.53	\$53.90
Remote Index	---	\$50.00	\$4.00
Pulse Output	---	\$100.00	\$8.00
Administrative Set-Up/Consultation Fee (all meters)	\$100.00	---	---
Technical Assistance (Rotary meters only)	\$100.00	---	---

¹Site specific engineering design costs for AAMR will be added to the installation charge if needed.

(continue to Sheet 15-3)

Issued October 29, 2024
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Effective with service on
and after November 1, 2024

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NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Thirteenth Revision of Sheet 27-1
Cancels Twelfth Revision of Sheet 27-1

RATE SCHEDULE 27 RESIDENTIAL HEATING DRY-OUT SERVICE

AVAILABLE:

To Residential home builders, developers, and contractors during the period that a Residential dwelling is under construction, in all territory served by the Company under the Tariff of which this Rate Schedule is a part.

SERVICE DESCRIPTION:

Service under this Rate Schedule is restricted to the use of gas in approved permanently-installed gas heating equipment in place during the period the dwelling is under construction. Upon occupancy of the dwelling, service under this Rate Schedule shall terminate automatically. In no event will service under this Rate Schedule continue for a period of time greater than twelve (12) months from the date the gas meter is set at the dwelling. Upon termination of service under this Rate Schedule, gas service shall transfer to **Schedule 2**.

MONTHLY RATE: Effective: November 1, 2024

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The rates shown in this Rate Schedule may not always reflect actual billing rates. See **Schedule 100** for a list of applicable temporary adjustments. Rates are subject to charges for purchased gas costs and technical rate adjustments. The rates for Coos County customers are subject to the additional adjustment set forth in **Schedule 160**.

	Base Rate	Base Adjustment	Pipeline Capacity Rate	Commodity Rate	Temporary Adjustment	Billing Rate
Customer Charge:	\$8.00	---	---	---	---	\$8.00
Volumetric Charge (per therm)	\$0.65055	\$0.00879	\$0.10274	\$0.43366	(\$0.01906)	\$1.17668

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Minimum Monthly Bill: Customer Charge, plus charges under **Schedule C** and **Schedule 15** (if applicable)

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 this Rate Schedule apply to service under this Rate Schedule, and by all rules and regulations prescribed by regulatory authorities, as amended from time to time.

Issued October 29, 2024
NWN OPUC Advice No. 24-20

Effective with service on
and after November 1, 2024

NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Fifteenth Revision of Sheet 31-11
Cancels Fourteenth Revision of Sheet 31-11

RATE SCHEDULE 31 NON-RESIDENTIAL FIRM SALES AND FIRM TRANSPORTATION SERVICE (continued)

MONTHLY RATES FOR COMMERCIAL CUSTOMER CLASS:

Effective: November 1, 2024

(C)

The rates shown in this Rate Schedule may not always reflect actual billing rates. **See Schedule 100** for a list of applicable temporary adjustments. Rates are subject to changes for purchased gas costs and technical rate adjustments. The rates for Coos County customers are subject to the additional adjustment set forth in **Schedule 160**. The rates for service to CNG vehicle fueling equipment shall be further adjusted as set forth in Provision No. 2 of the "SPECIAL CONDITIONS FOR COMPRESSED NATURAL GAS ("CNG") SERVICE FOR VEHICULAR USE" of this Rate Schedule.

FIRM SALES SERVICE CHARGES (31 CSF) [1]:					Billing Rates	
Customer Charge (per month):					\$325.00	
Volumetric Charges (per therm)	Base Rate	Base Rate Adjustment	Commodity Component [2]	Total Temporary Adjustments [3]		
Block 1: 1 st 2,000 therms	\$0.33750	\$0.00853	\$0.43366	(\$0.03470)	\$0.74499	(R)
Block 2: All additional therms	\$0.30793	\$0.00850	\$0.43366	(\$0.03542)	\$0.71467	(R)
Pipeline Capacity Charge Options (select one):						
Firm Pipeline Capacity Charge - Volumetric option (per therm):					\$0.10274	(I)
Firm Pipeline Capacity Charge - Peak Demand option (per therm of MDDV):					\$1.52	(I)
FIRM TRANSPORTATION SERVICE CHARGES (31 CTF):						
Customer Charge (per month):					\$325.00	
Transportation Charge (per month):					\$250.00	
Volumetric Charges (per therm)	Base Rate	Base Rate Adjustment		Total Temporary Adjustments [4]		
Block 1: 1 st 2,000 therms	\$0.30572	(\$0.00236)		\$0.01154	\$0.31490	(I)
Block 2: All additional therms	\$0.27950	(\$0.00236)		\$0.01067	\$0.28781	(I)

- [1] The Monthly Bill shall equal the sum of the Customer Charge, plus the Volumetric Charges, plus the Pipeline Capacity Charge selected by the Customer, plus any other charges that may apply from Schedule C or Schedule 15.
- [2] The stated rate is the Company's Annual Sales WACOG. However, the Commodity Component to be billed will be dependent on Customer's Service Type Selection and may instead be Winter Sales WACOG or Monthly Incremental Cost of Gas.
- [3] Where applicable, as set forth in this rate schedule, the Account 191 portion of the Temporary Adjustments as set forth in Schedule 162 may not apply.
- [4] Where applicable, as set forth in this rate schedule, the Account 191 portion of the Sales Service Temporary Adjustments as set forth in Schedule 162 may also apply.

(continue to Sheet 31-12)

Issued October 29, 2024
NWN OPUC Advice No. 24-20

Effective with service on
and after November 1, 2024

NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Thirteenth Revision of Sheet 31-12
 Cancels Twelfth Revision of Sheet 31-12

RATE SCHEDULE 31 NON-RESIDENTIAL FIRM SALES AND FIRM TRANSPORTATION SERVICE (continued)

MONTHLY RATES FOR INDUSTRIAL CUSTOMER CLASS:

Effective: November 1, 2024

(C)

The rates shown in this Rate Schedule may not always reflect actual billing rates. See **SCHEDULE 100** for a list of applicable temporary adjustments. Rates are subject to changes for purchased gas costs and technical rate adjustments. The rates for Coos County customers are subject to the additional adjustment set forth in **SCHEDULE 160**.

FIRM SALES SERVICE CHARGES (31 ISF) [1]:					Billing Rates
Customer Charge (per month):					\$325.00
Volumetric Charges (per therm)	Base Rate	Base Rate Adjustment	Commodity Component [2]	Total Temporary Adjustments [3]	
Block 1: 1 st 2,000 therms	\$0.25602	\$0.00842	\$0.43366	\$0.03140	\$0.72950
Block 2: All additional therms	\$0.23081	\$0.00839	\$0.43366	\$0.03079	\$0.70365
Pipeline Capacity Charge Options (select one):					
Firm Pipeline Capacity Charge - Volumetric option (per therm):					\$0.10274
Firm Pipeline Capacity Charge - Peak Demand option (per therm of MDDV):					\$1.52
FIRM TRANSPORTATION SERVICE CHARGES (31 ITF):					
Customer Charge (per month):					\$325.00
Transportation Charge (per month):					\$250.00
Volumetric Charges (per therm)	Base Rate	Base Rate Adjustment		Total Temporary Adjustments [4]	
Block 1: 1 st 2,000 therms	\$0.26118	(\$0.00236)		\$0.00948	\$0.26830
Block 2: All additional therms	\$0.23606	(\$0.00236)		\$0.00873	\$0.24243

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- [1] The Monthly Bill shall equal the sum of the Customer Charge, plus the Volumetric Charges, plus the Pipeline Capacity Charge selected by the Customer, plus any other charges that may apply from **SCHEDULE C** and **SCHEDULE 15**.
- [2] The stated rate is the Company's Annual Sales WACOG. However, the Commodity Component to be billed will be dependent on Customer's Service Type Selection and may instead be Winter Sales WACOG, or Monthly Incremental Cost of Gas.
- [3] Where applicable, as set forth in this rate schedule, the Account 191 portion of the Temporary Adjustments as set forth in **SCHEDULE 162** may not apply.
- [4] Where applicable, as set forth in this rate schedule, the Account 191 portion of the Sales Service Temporary Adjustments as set forth in **SCHEDULE 162** may also apply.

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 NWN OPUC Advice No. 24-20

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NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Thirteenth Revision of Sheet 32-12
 Cancels Twelfth Revision of Sheet 32-12

RATE SCHEDULE 32
LARGE VOLUME NON-RESIDENTIAL SALES AND TRANSPORTATION SERVICE
 (continued)

MONTHLY RATES:

Effective: November 1, 2024

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The rates shown in this Rate Schedule may not always reflect actual billing rates. See **SCHEDULE 100** for a list of applicable temporary adjustments. Rates are subject to changes for purchased gas costs and technical rate adjustments. The rates for Coos County customers are subject to the additional adjustment set forth in **SCHEDULE 160**.

FIRM SALES SERVICE CHARGES [1]:					Billing Rates
Customer Charge (per month, all service types):					\$675.00
	Base Rate	Base Rate Adjustment	Commodity Component [2]	Total Temporary Adjustments [3]	
32 CSF Volumetric Charges (per therm):					
Block 1: 1 st 10,000 therms	\$0.18063	\$0.00838	\$0.43366	\$0.03026	\$0.65293
Block 2: Next 20,000 therms	\$0.15248	\$0.00835	\$0.43366	\$0.02947	\$0.62396
Block 3: Next 20,000 therms	\$0.10573	\$0.00829	\$0.43366	\$0.02811	\$0.57579
Block 4: Next 100,000 therms	\$0.05881	\$0.00823	\$0.43366	\$0.02675	\$0.52745
Block 5: Next 600,000 therms	\$0.02510	\$0.00819	\$0.43366	\$0.02578	\$0.49273
Block 6: All additional therms	\$0.00912	\$0.00817	\$0.43366	\$0.02531	\$0.47626
32 ISF Volumetric Charges (per therm):					
Block 1: 1 st 10,000 therms	\$0.13351	\$0.00830	\$0.43366	\$0.02798	\$0.60345
Block 2: Next 20,000 therms	\$0.11272	\$0.00828	\$0.43366	\$0.02757	\$0.58223
Block 3: Next 20,000 therms	\$0.07797	\$0.00824	\$0.43366	\$0.02688	\$0.54675
Block 4: Next 100,000 therms	\$0.04334	\$0.00820	\$0.43366	\$0.02621	\$0.51141
Block 5: Next 600,000 therms	\$0.01915	\$0.00818	\$0.43366	\$0.02573	\$0.48672
Block 6: All additional therms	\$0.00698	\$0.00816	\$0.43366	\$0.02549	\$0.47429
Firm Service Distribution Capacity Charge (per therm of MDDV per month):					\$0.15748
Firm Sales Service Storage Charge (per therm of MDDV per month):					\$0.20415
Pipeline Capacity Charge Options (select one):					
Firm Pipeline Capacity Charge - Volumetric option (per therm):					\$0.10274
Firm Pipeline Capacity Charge - Peak Demand option (per therm of MDDV per month):					\$1.52

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- [1] The Monthly Bill shall equal the sum of the Customer Charge, plus the Volumetric Charges, plus the Pipeline Capacity Charge selected by the Customer, plus any other charges that may apply from Schedule C or Schedule 15.
- [2] The stated rate is the Company's Annual Sales WACOG. However, the Commodity Component to be billed will be dependent on Customer's Service Type Selection and may instead be Winter Sales WACOG or Monthly Incremental Cost of Gas.
- [3] Where applicable, the Account 191 Adjustments may apply.

(continue to Sheet 32-13)

Issued October 29, 2024
 NWN OPUC Advice No. 24-20

Effective with service on
 and after November 1, 2024

NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Fifteenth Revision of Sheet 32-13
Cancels Fourteenth Revision of Sheet 32-13

RATE SCHEDULE 32 LARGE VOLUME NON-RESIDENTIAL SALES AND TRANSPORTATION SERVICE (continued)

MONTHLY RATES (continued):

Effective: November 1, 2024

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The rates shown in this Rate Schedule may not always reflect actual billing rates. See **SCHEDULE 100** for a list of applicable temporary adjustments. Rates are subject to changes for purchased gas costs and technical rate adjustments. The rates for Coos County customers are subject to the additional adjustment set forth in **SCHEDULE 160**

INTERRUPTIBLE SALES SERVICE CHARGES [1]:					Billing Rates
Customer Charge (per month):					\$675.00
	Base Rate	Base Rate Adjustment	Commodity Component [2]	Total Temporary Adjustments [3]	
32 CSI Volumetric Charges (per therm):					
Block 1: 1 st 10,000 therms	\$0.14820	\$0.00829	\$0.43366	\$0.02823	\$0.61838
Block 2: Next 20,000 therms	\$0.12513	\$0.00827	\$0.43366	\$0.02766	\$0.59472
Block 3: Next 20,000 therms	\$0.08661	\$0.00823	\$0.43366	\$0.02671	\$0.55521
Block 4: Next 100,000 therms	\$0.04807	\$0.00820	\$0.43366	\$0.02575	\$0.51568
Block 5: Next 600,000 therms	\$0.02496	\$0.00818	\$0.43366	\$0.02518	\$0.49198
Block 6: All additional therms	\$0.00806	\$0.00816	\$0.43366	\$0.02477	\$0.47465
Interruptible Pipeline Capacity Charge (per therm):					\$0.01222
32 ISI Volumetric Charges (per therm):					
Block 1: 1 st 10,000 therms	\$0.12905	\$0.00829	\$0.43366	\$0.02796	\$0.59896
Block 2: Next 20,000 therms	\$0.10893	\$0.00827	\$0.43366	\$0.02749	\$0.57835
Block 3: Next 20,000 therms	\$0.07541	\$0.00823	\$0.43366	\$0.02670	\$0.54400
Block 4: Next 100,000 therms	\$0.04185	\$0.00820	\$0.43366	\$0.02591	\$0.50962
Block 5: Next 600,000 therms	\$0.02171	\$0.00818	\$0.43366	\$0.02544	\$0.48899
Block 6: All additional therms	\$0.00698	\$0.00816	\$0.43366	\$0.02509	\$0.47389
Interruptible Pipeline Capacity Charge (per therm):					\$0.01222

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- [1] The Monthly Bill shall equal the sum of the Customer Charge, plus the Volumetric Charges, plus the Pipeline Capacity Charge selected by the Customer, plus any other charges that may apply from Schedule C or Schedule 15.
- [2] The stated rate is the Company's Annual Sales WACOG. However, the Commodity Component to be billed will be dependent on Customer's Service Type Selection and may instead be Winter Sales WACOG or Monthly Incremental Cost of Gas.
- [3] Where applicable, the Account 191 Adjustments may apply.

(continue to Sheet 32-14)

Issued October 29, 2024
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NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Thirteenth Revision of Sheet 32-14
 Cancels Twelfth Revision of Sheet 32-14

RATE SCHEDULE 32
LARGE VOLUME NON-RESIDENTIAL SALES AND TRANSPORTATION SERVICE
 (continued)

MONTHLY RATES (continued):

Effective: November 1, 2024

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The rates shown in this Rate Schedule may not always reflect actual billing rates. See **SCHEDULE 100** for a list of applicable temporary adjustments. Rates are subject to changes for purchased gas costs and technical rate adjustments. The rates for Coos County customers are subject to the additional adjustment set forth in Schedule 160.

FIRM TRANSPORTATION SERVICE CHARGES (32 CTF or 32 ITF) [1]:					Billing Rates
Customer Charge (per month):					\$675.00
Transportation Charge (per month):					\$250.00
Volumetric Charges (per therm)	Base Rate	Base Rate Adjustment		Total Temporary Adjustments [2]	
Commercial					
Block 1: 1 st 10,000 therms	\$0.13867	(\$0.00236)		\$0.00506	\$0.14137
Block 2: Next 20,000 therms	\$0.11783	(\$0.00236)		\$0.00451	\$0.11998
Block 3: Next 20,000 therms	\$0.08320	(\$0.00236)		\$0.00358	\$0.08442
Block 4: Next 100,000 therms	\$0.04854	(\$0.00236)		\$0.00265	\$0.04883
Block 5: Next 600,000 therms	\$0.02771	(\$0.00236)		\$0.00210	\$0.02745
Block 6: All additional therms	\$0.01390	(\$0.00236)		\$0.00173	\$0.01327
Industrial					
Block 1: 1 st 10,000 therms	\$0.13081	(\$0.00236)		\$0.00469	\$0.13314
Block 2: Next 20,000 therms	\$0.11118	(\$0.00236)		\$0.00426	\$0.11308
Block 3: Next 20,000 therms	\$0.07849	(\$0.00236)		\$0.00351	\$0.07964
Block 4: Next 100,000 therms	\$0.04581	(\$0.00236)		\$0.00277	\$0.04622
Block 5: Next 600,000 therms	\$0.02614	(\$0.00236)		\$0.00231	\$0.02609
Block 6: All additional therms	\$0.01313	(\$0.00236)		\$0.00202	\$0.01279
Firm Service Distribution Capacity Charge (per therm of MDDV per month):					\$0.15748

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INTERRUPTIBLE TRANSPORTATION SERVICE CHARGES (32 CTI or ITI) [3]:					
Customer Charge (per month):					\$675.00
Transportation Charge (per month):					\$250.00
Volumetric Charges (per therm)	Base Rate	Base Rate Adjustment		Total Temporary Adjustments [2]	
Commercial					
Block 1: 1 st 10,000 therms	\$0.12687	(\$0.00236)		\$0.00387	\$0.12838
Block 2: Next 20,000 therms	\$0.10784	(\$0.00236)		\$0.00347	\$0.10895
Block 3: Next 20,000 therms	\$0.07614	(\$0.00236)		\$0.00283	\$0.07661
Block 4: Next 100,000 therms	\$0.04440	(\$0.00236)		\$0.00221	\$0.04425
Block 5: Next 600,000 therms	\$0.02539	(\$0.00236)		\$0.00183	\$0.02486
Block 6: All additional therms	\$0.01273	(\$0.00236)		\$0.00157	\$0.01194
Industrial					
Block 1: 1 st 10,000 therms	\$0.12471	(\$0.00236)		\$0.00443	\$0.12678
Block 2: Next 20,000 therms	\$0.10600	(\$0.00236)		\$0.00401	\$0.10765
Block 3: Next 20,000 therms	\$0.07485	(\$0.00236)		\$0.00334	\$0.07583
Block 4: Next 100,000 therms	\$0.04365	(\$0.00236)		\$0.00266	\$0.04395
Block 5: Next 600,000 therms	\$0.02497	(\$0.00236)		\$0.00225	\$0.02486
Block 6: All additional therms	\$0.01252	(\$0.00236)		\$0.00197	\$0.01213

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[1] For Firm Transportation Service, the Monthly Bill shall equal the sum of the Customer Charge, plus Transportation Charge, plus the Volumetric Charges, plus the Distribution Capacity Charge, plus any other charges that may apply from Schedule C or Schedule 15.

[2] Where applicable, the Account 191 Adjustments shall apply.

[3] For Interruptible Transportation Service, the Monthly Bill shall equal the sum of the Customer Charge, plus Transportation Charge, plus the Volumetric Charges, plus any other charges that may apply from Schedule C or Schedule 15.

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Effective with service on
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NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Eleventh Revision of Sheet 100-1
Cancels Tenth Revision Sheet 100-1

SCHEDULE 100 SUMMARY OF TEMPORARY ADJUSTMENTS

PURPOSE:

To list the temporary adjustments included in billing rates.

DESCRIPTION:

The temporary adjustments to rates reflected in this Schedule are the result of the Commission's approval of an application by NW Natural to defer certain revenues or expenses for later amortization in customer rates under the authority of ORS 757.259, OAR 860-022-0070, and OAR 860-027-0300. The details specific to each adjustment can be found in the respective Adjustment Schedules.

All adjustment amounts identified in this Schedule shall be in effect for a 12-month period commencing with the stated effective date, or for such other period approved by the Commission.

APPLICABLE:

To the following Rate Schedules of this Tariff:

Rate Schedule 2	Rate Schedule 27	Rate Schedule 32
Rate Schedule 3	Rate Schedule 31	Rate Schedule 33

TABLE OF TEMPORARY ADJUSTMENTS: Effective: November 1, 2024

All temporary adjustments are stated on a cent per therm basis.

Schedule 2: Residential Sales Service

	Applicable	Firm Sales
		Residential
Deferred Gas Cost Amortization (Schedule 162)	All Therms	(\$0.03509)
Rate Mitigation (Schedule 166)	All Therms	\$0.00175
Net Curtailment and Entitlement Revenues (168)	All Therms	(\$0.00320)
Intervenor Funding (Schedule 172)	All Therms	\$0.00094
Covid-19 Deferral (Schedule 173)	All Therms	\$0.00217
Corporate Activity Tax (CAT) (Schedule 177)	All Therms	\$0.00040
Regulatory Rate Adjustment (Schedule 178)	All Therms	(\$0.00130)
TSA Security Directive 2 Compliance Costs (Schedule 180)	All Therms	\$0.00000
Regulatory Fee (Schedule 181)	All Therms	\$0.00039
Environmental Cost Recovery (Schedule 183)	All Therms	\$0.01652
TSA Capital and Cost of Service Recovery (Schedule 189)	All Therms	\$0.00270
Decoupling Adjustment (Schedule 190)	All Therms	(\$0.00255)
WARM True-up (Schedule 195)	All Therms	\$0.00337

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Schedule 3: Basic Firm Sales - Non-Residential

	Applicable	Firm Sales	
		Commercial	Industrial
Deferred Gas Cost Amortization (Schedule 162)	All Therms	(\$0.03509)	(\$0.03509)
Net Curtailment and Entitlement Revenues (168)	All Therms	(\$0.00238)	(\$0.00175)
Intervenor Funding (Schedule 172)	All Therms		\$0.00038
Covid-19 Deferral (Schedule 173)	All Therms	\$0.00178	\$0.00099
Corporate Activity Tax (CAT) (Schedule 177)	All Therms	\$0.00032	\$0.00030
Regulatory Rate Adjustment (Schedule 178)	All Therms	(\$0.00097)	(\$0.00072)
TSA Security Directive 2 Compliance Costs (Schedule 180)	All Therms	\$0.00000	\$0.00000
Regulatory Fee (Schedule 181)	All Therms	\$0.00031	\$0.00029
Environmental Cost Recovery (Schedule 183)	All Therms	\$0.01229	\$0.00902
Industrial DSM (Schedule 188)	All Therms		\$0.05973
TSA Capital and Cost of Service Recovery (Schedule 189)	All Therms	\$0.00221	\$0.00124
Decoupling Adjustment (Schedule 190)	All Therms	(\$0.04924)	
WARM True-up (Schedule 195)	All Therms	\$0.00789	

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(continue to Sheet 100-2)

Issued October 29, 2024
NWN OPUC Advice No. 24-20

Effective with service on
and after November 1, 2024

NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Tenth Revision of Sheet 100-2
Cancels Ninth Revision of Sheet 100-2

SCHEDULE 100 SUMMARY OF TEMPORARY ADJUSTMENTS (continued)

TABLE OF TEMPORARY ADJUSTMENTS (continued): **Effective: November 1, 2024**

Rate Schedule 27: Residential Heating Dry Out Service

	Applicable	FIRM SALES
		Commercial
Deferred Gas Cost Amortization (Schedule 162)	All Therms	(\$0.03509)
Net Curtailment and Entitlement Revenues (168)	All Therms	(\$0.00276)
Covid-19 Deferral (Schedule 173)	All Therms	\$0.00221
Corporate Activity Tax (CAT) (Schedule 177)	All Therms	\$0.00036
Regulatory Rate Adjustment (Schedule 178)	All Therms	(\$0.00113)
TSA Security Directive 2 Compliance Costs (Schedule 180)	All Therms	\$0.00000
Regulatory Fee (Schedule 181)	All Therms	\$0.00035
Environmental Cost Recovery (Schedule 183)	All Therms	\$0.01424
TSA Capital and Cost of Service Recovery (Schedule 189)	All Therms	\$0.00276

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Schedule 31: Non-Residential Firm Sales and Firm Transportation

	Applicable	FIRM SALES		FIRM TRANSPORTATION	
		Commercial	Industrial	Commercial	Industrial
Deferred Gas Cost Amortization (Schedule 162)	All Blocks	(\$0.03509)	(\$0.03509)		
Net Curtailment and Entitlement Revenues (168)	Block 1	(\$0.00164)	(\$0.00115)		
	Block 2	(\$0.00150)	(\$0.00104)		
Transportation Customer Renewable Natural Gas Offtake Costs (Schedule 171)	All Blocks			\$0.00127	\$0.00127
Intervenor Funding (Schedule 172)	All Blocks		\$0.00038		\$0.00038
Covid-19 Deferral (Schedule 173)	Block 1	\$0.00091	\$0.00072	\$0.00091	\$0.00074
	Block 2	\$0.00083	\$0.00065	\$0.00084	\$0.00067
Corporate Activity Tax (CAT) (Schedule 177)	Block 1	\$0.00024	\$0.00023	\$0.00013	\$0.00010
	Block 2	\$0.00024	\$0.00022	\$0.00012	\$0.00009
Regulatory Rate Adjustment (Schedule 178)	Block 1	(\$0.00069)	(\$0.00049)	(\$0.00070)	(\$0.00054)
	Block 2	(\$0.00063)	(\$0.00045)	(\$0.00065)	(\$0.00049)
TSA Security Directive 2 Compliance Costs (Schedule 180)	Block 1	\$0.00000	\$0.00000	\$0.00000	\$0.00000
	Block 2	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Regulatory Fee (Schedule 181)	Block 1	\$0.00024	\$0.00022	\$0.00012	\$0.00009
	Block 2	\$0.00023	\$0.00021	\$0.00011	\$0.00008
Environmental Cost Recovery (Schedule 183)	Block 1	\$0.00847	\$0.00595	\$0.00867	\$0.00652
	Block 2	\$0.00774	\$0.00537	\$0.00794	\$0.00590
Industrial DSM (Schedule 188)	All Blocks		\$0.05973		
TSA Capital and Cost of Service Recovery (Schedule 189)	Block 1	\$0.00114	\$0.00090	\$0.00114	\$0.00092
	Block 2	\$0.00104	\$0.00081	\$0.00104	\$0.00083
Decoupling Adjustment (Schedule 190)	All Blocks	(\$0.00828)			

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(continue to Sheet 100-3)

Issued on October 29, 2024
NWN OPUC Advice No. 24-20

Effective with service on
and after November 1, 2024

NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Eleventh Revision of Sheet 100-3

Cancels Tenth Revision of Sheet 100-3

SCHEDULE 100 SUMMARY OF TEMPORARY ADJUSTMENTS (continued)

TABLE OF TEMPORARY ADJUSTMENTS (continued): Effective: November 1, 2024

Schedule 32: Large Volume Non-Residential Sales and Transportation

	Applicable	FIRM SALES		FIRM TRANSPORTATION	
		Commercial	Industrial	Commercial	Industrial
Deferred Gas Cost Amortization (Schedule 162)	All Blocks	(\$0.03509)	(\$0.03509)		
Net Curtailment and Entitlement Revenues (168)	Block 1	(\$0.00101)	(\$0.00065)		
	Block 2	(\$0.00086)	(\$0.00055)		
	Block 3	(\$0.00060)	(\$0.00039)		
	Block 4	(\$0.00035)	(\$0.00023)		
	Block 5	(\$0.00016)	(\$0.00011)		
	Block 6	(\$0.00008)	(\$0.00006)		
Transportation Customer Renewable Natural Gas Offtake Costs (Schedule 171)	All Blocks			\$0.00127	\$0.00127
Intervenor Funding (Schedule 172)	All Blocks		\$0.00038		\$0.00038
Covid-19 Deferral (Schedule 173)	Block 1	\$0.00064	\$0.00008	\$0.00011	\$0.00008
	Block 2	\$0.00055	\$0.00007	\$0.00010	\$0.00007
	Block 3	\$0.00038	\$0.00005	\$0.00007	\$0.00005
	Block 4	\$0.00022	\$0.00003	\$0.00004	\$0.00003
	Block 5	\$0.00010	\$0.00001	\$0.00003	\$0.00002
	Block 6	\$0.00005	\$0.00001	\$0.00001	\$0.00001
Corporate Activity Tax (CAT) (Schedule 177)	Block 1	\$0.00021	\$0.00019	\$0.00005	\$0.00004
	Block 2	\$0.00021	\$0.00018	\$0.00005	\$0.00004
	Block 3	\$0.00019	\$0.00017	\$0.00003	\$0.00003
	Block 4	\$0.00018	\$0.00016	\$0.00002	\$0.00002
	Block 5	\$0.00017	\$0.00015	\$0.00001	\$0.00001
	Block 6	\$0.00016	\$0.00015	\$0.00001	\$0.00001
Regulatory Rate Adjustment (Schedule 178)	Block 1	(\$0.00044)	(\$0.00030)	(\$0.00033)	(\$0.00027)
	Block 2	(\$0.00037)	(\$0.00026)	(\$0.00029)	(\$0.00024)
	Block 3	(\$0.00027)	(\$0.00020)	(\$0.00022)	(\$0.00018)
	Block 4	(\$0.00018)	(\$0.00012)	(\$0.00015)	(\$0.00013)
	Block 5	(\$0.00010)	(\$0.00009)	(\$0.00010)	(\$0.00009)
	Block 6	(\$0.00007)	(\$0.00006)	(\$0.00008)	(\$0.00007)
TSA Security Directive 2 Compliance Costs (Schedule 180)	Block 1	\$0.00000	\$0.00000	\$0.00000	\$0.00000
	Block 2	\$0.00000	\$0.00000	\$0.00000	\$0.00000
	Block 3	\$0.00000	\$0.00000	\$0.00000	\$0.00000
	Block 4	\$0.00000	\$0.00000	\$0.00000	\$0.00000
	Block 5	\$0.00000	\$0.00000	\$0.00000	\$0.00000
	Block 6	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Regulatory Fee (Schedule 181)	Block 1	\$0.00021	\$0.00018	\$0.00005	\$0.00004
	Block 2	\$0.00020	\$0.00017	\$0.00004	\$0.00004
	Block 3	\$0.00019	\$0.00016	\$0.00003	\$0.00003
	Block 4	\$0.00017	\$0.00015	\$0.00002	\$0.00002
	Block 5	\$0.00016	\$0.00015	\$0.00001	\$0.00001
	Block 6	\$0.00016	\$0.00014	\$0.00001	\$0.00001
Environmental Cost Recovery (Schedule 183)	Block 1	\$0.00521	\$0.00336	\$0.00377	\$0.00305
	Block 2	\$0.00442	\$0.00285	\$0.00322	\$0.00261
	Block 3	\$0.00310	\$0.00201	\$0.00231	\$0.00187
	Block 4	\$0.00179	\$0.00117	\$0.00140	\$0.00114
	Block 5	\$0.00084	\$0.00058	\$0.00085	\$0.00069
	Block 6	\$0.00039	\$0.00028	\$0.00049	\$0.00040
Industrial DSM (Schedule 188)	All Blocks	\$0.05973	\$0.05973		
TSA Capital and Cost of Service Recovery (Schedule 189)	Block 1	\$0.00080	\$0.00010	\$0.00014	\$0.00010
	Block 2	\$0.00068	\$0.00009	\$0.00012	\$0.00009
	Block 3	\$0.00048	\$0.00006	\$0.00009	\$0.00006
	Block 4	\$0.00028	\$0.00003	\$0.00005	\$0.00004
	Block 5	\$0.00013	\$0.00002	\$0.00003	\$0.00002
	Block 6	\$0.00006	\$0.00001	\$0.00002	\$0.00001

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Issued October 29, 2024
NWN OPUC Advice No. 24-20

Effective with service on
and after November 1, 2024

NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Fifth Revision of Sheet 167-1
Cancels Fourth Revision of Sheet 167-1

SCHEDULE 167 GENERAL ADJUSTMENTS TO RATES

PURPOSE: 9=[

To identify adjustments made to the billing rates stated in the Rate Schedules listed below to reflect the effects of general rate changes approved by the Commission under the authority of ORS 757.210

DESCRIPTION:

The general rate changes shown in this Schedule 167 reflect the outcome of a Commission investigation in docket UG 490 initiated following a Company request to change rates due to increases or decreases in the cost of general utility operations. (C)

APPLICABLE:

To Customers taking service under the following Rate Schedules of this Tariff:

Rate Schedule 2	Rate Schedule 27	Rate Schedule 32
Rate Schedule 3	Rate Schedule 31	Rate Schedule 33

RATE ADJUSTMENTS: Effective: November 1, 2024 (C)

The Base Rates stated in the listed Rate Schedules were adjusted as follows:

Schedule	Adjustment Amount		Schedule	Adjustment Amount	
	Customer Charge	Volumetric Charge		Customer Charge	Volumetric Charge
02R	\$2.00	\$0.11777	03 CSF	\$0.00	\$0.14511
02MF	\$0.00	\$0.11777	03 ISF	\$0.00	\$0.03729
27	\$0.00	\$0.15611			

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Schedule	Block	Amount	Schedule	Block	Amount	Schedule	Block	Amount
31 CSF	Cust. Charge	\$0.00	32 CSF	Cust. Charge	\$0.00	32 CSI	Cust. Charge	\$0.00
	Block 1	\$0.03497		Block 1	\$0.02179		Block 1	\$0.01352
	Block 2	\$0.03190		Block 2	\$0.01840		Block 2	\$0.01142
31CTF	Cust. Charge	\$0.00		Block 3	\$0.01276		Block 3	\$0.00790
	Block 1	\$0.03378		Block 4	\$0.00710		Block 4	\$0.00438
	Block 2	\$0.03089		Block 5	\$0.00303		Block 5	\$0.00228
31ISF	Cust. Charge	\$0.00		Block 6	\$0.00110		Block 6	\$0.00074
	Block 1	\$0.02513	32 ISF	Cust. Charge	\$0.00	32 ISI	Cust. Charge	\$0.00
	Block 2	\$0.02266		Block 1	\$0.01043		Block 1	\$0.00872
31 ITF	Cust. Charge	\$0.00		Block 2	\$0.00881		Block 2	\$0.00735
	Block 1	\$0.02701		Block 3	\$0.00609		Block 3	\$0.00510
	Block 2	\$0.02441		Block 4	\$0.00339		Block 4	\$0.00283
				Block 5	\$0.00149		Block 5	\$0.00146
				Block 6	\$0.00054		Block 6	\$0.00047
			32 CTF	Cust. Charge	\$0.00	32 CTI	Cust. Charge	\$0.00
				Block 1	\$0.01400		Block 1	\$0.00891
				Block 2	\$0.01190		Block 2	\$0.00757
				Block 3	\$0.00839		Block 3	\$0.00535
				Block 4	\$0.00490		Block 4	\$0.00311
				Block 5	\$0.00280		Block 5	\$0.00179
				Block 6	\$0.00140		Block 6	\$0.00089
			32 ITF	Cust. Charge	\$0.00	32 ITI	Cust. Charge	\$0.00
				Block 1	\$0.00832		Block 1	\$0.00670
				Block 2	\$0.00707		Block 2	\$0.00569
				Block 3	\$0.00500		Block 3	\$0.00403
				Block 4	\$0.00291		Block 4	\$0.00235
				Block 5	\$0.00166		Block 5	\$0.00135
				Block 6	\$0.00083		Block 6	\$0.00068
			33	All	\$0.00000			

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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 this Schedule apply to service under this Schedule, and by all rules and regulations prescribed by regulatory authorities, as amended from time to time.

Issued October 29, 2024
NWN OPUC Advice No. 24-20

Effective with service on
and after November 1, 2024

NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

First Revision of Sheet 175-1
Cancels Original Sheet 175-1

SCHEDULE 175 AMORTIZATION OF HORIZON 1 START-UP COST DEFERRAL

PURPOSE:

The purpose of this Schedule is to reflect the rate effects of the amortization of Horizon 1 Start-Up cost deferral (deferral docket UM 2132) over 10 years beginning November 1, 2022, subject to the terms of the stipulation approved in Order No. 21-246 with a rate spread as shown in Exhibit B of the Multi-Party Stipulation approved in Order No. 22-388 in dockets UG 435 and UG 411. These rates are included as Base Rate Adjustments in the rate schedules listed below and were first included in rates November 1, 2022, as filed with the Company's compliance filing in UG 435.

APPLICABLE:

To all Customers served under the following Rate Schedules of this Tariff:

Rate Schedule 2	Rate Schedule 3	Rate Schedule 27
Rate Schedule 32	Rate Schedule 33	Rate Schedule 31

APPLICATION TO RATE SCHEDULES: Effective: November 1, 2024

The adjustment amounts shown below are embedded in the Base Rate reflected in the respective Rate Schedules listed above. NO ADDITIONAL ADJUSTMENT TO RATES IS REQUIRED.

Rate Schedule/Class	Block	Adjustment	Rate	Block	Adjustment	
2		\$0.00165	31 CSF	Block 1	\$0.00066	
				Block 2	\$0.00060	
03 CSF		\$0.00136	31 CTF	Block 1	\$0.00066	
				Block 2	\$0.00061	
03 ISF		\$0.00076	31 ISF	Block 1	\$0.00053	
				Block 2	\$0.00049	
27		\$0.00144	31 ITF	Block 1	\$0.00056	
				Block 2	\$0.00051	
			32 CSI	Block 1	\$0.00024	
				Block 2	\$0.00021	
32 CSF	Block 1	\$0.00047		Block 3	\$0.00017	
	Block 2	\$0.00041		Block 4	\$0.00013	
	Block 3	\$0.00032		Block 5	\$0.00010	
	Block 4	\$0.00024		Block 6	\$0.00009	
	Block 5	\$0.00017		32 ISI	Block 1	\$0.00007
	Block 6	\$0.00014			Block 2	\$0.00006
32 ISF	Block 1	\$0.00006		Block 3	\$0.00005	
	Block 2	\$0.00005		Block 4	\$0.00004	
	Block 3	\$0.00004		Block 5	\$0.00003	
	Block 4	\$0.00003		Block 6	\$0.00003	
	Block 5	\$0.00003		32 CTI	Block 1	\$0.00005
	Block 6	\$0.00002			Block 2	\$0.00004
32 CTF	Block 1	\$0.00009		Block 3	\$0.00003	
	Block 2	\$0.00008		Block 4	\$0.00002	
	Block 3	\$0.00006		Block 5	\$0.00002	
	Block 4	\$0.00004		Block 6	\$0.00001	
	Block 5	\$0.00003		32 ITI	Block 1	\$0.00004
	Block 6	\$0.00002			Block 2	\$0.00004
32 ITF	Block 1	\$0.00006		Block 3	\$0.00003	
	Block 2	\$0.00005		Block 4	\$0.00002	
	Block 3	\$0.00004		Block 5	\$0.00001	
	Block 4	\$0.00003		Block 6	\$0.00001	
	Block 5	\$0.00002		33	Block 1	\$0.00001
	Block 6	\$0.00001			Block 2	\$0.00002

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Issued October 29, 2024
NWN OPUC Advice No. 24-20

Effective with service on
and after November 1, 2024

NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Third Revision of Sheet 182-1
 Cancels Second Revision of Sheet 182-1

SCHEDULE 182 RATE ADJUSTMENT FOR ENVIRONMENTAL COST RECOVERY

PURPOSE:

The purpose of this Schedule is to reflect the rate effects of the collection of \$5.0 million per year for the recovery of costs related to environmental remediation expenses, in accordance with Order No. 15-049 in Docket UM 1635 and UM 1706 entered by the Public Utility Commission of Oregon on February 20, 2015.

APPLICABLE:

To all Customers served under the following Rate Schedules of this Tariff:

Rate Schedule 2	Rate Schedule 3	Rate Schedule 27
Rate Schedule 32	Rate Schedule 33	Rate Schedule 31

APPLICATION TO RATE SCHEDULES: Effective: November 1, 2024

The Adjustment amounts shown below are calculated based on equal percent of margin by Rate Schedule and Customer class. The adjustment amount is embedded in the Base Rate reflected in the respective Rate Schedules listed above. **NO ADDITIONAL ADJUSTMENT TO RATES IS REQUIRED.**

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Rate Schedule/Class	Block	Base Rate	Schedule	Block	Base Rate Adjustment	
2		\$0.00826	31 CSF	Block 1	\$0.00406	(R) (R)
				Block 2	\$0.00371	
03 CSF		\$0.00642	31 ISF	Block 1	\$0.00340	(I)
03 ISF		\$0.00486		Block 2	\$0.00314	(I) (R)
27		\$0.00741	31 CTF	Block 1	\$0.00420	(I) (I)
				Block 2	\$0.00386	
			31 ITF	Block 1	\$0.00339	
				Block 2	\$0.00309	
			32 CSI	Block 1	\$0.00211	
32 CSF	Block 1	\$0.00183		Block 2	\$0.00189	(R)
	Block 2	\$0.00162		Block 3	\$0.00152	(R)
	Block 3	\$0.00127		Block 4	\$0.00114	(R)
	Block 4	\$0.00093		Block 5	\$0.00092	(I)
	Block 5	\$0.00068		Block 6	\$0.00076	(I)
	Block 6	\$0.00056	32 ISI	Block 1	\$0.00194	(I)
32 ISF	Block 1	\$0.00090		Block 2	\$0.00174	(R)
	Block 2	\$0.00080		Block 3	\$0.00142	(R)
	Block 3	\$0.00065		Block 4	\$0.00110	(R)
	Block 4	\$0.00050		Block 5	\$0.00090	(I)
	Block 5	\$0.00039		Block 6	\$0.00076	(I)
	Block 6	\$0.00034	32 CTI	Block 1	\$0.00134	(I)
32 CTF	Block 1	\$0.00155		Block 2	\$0.00117	(R)
	Block 2	\$0.00135		Block 3	\$0.00088	(R)
	Block 3	\$0.00101		Block 4	\$0.00059	(R)
	Block 4	\$0.00068		Block 5	\$0.00042	(I)
	Block 5	\$0.00047		Block 6	\$0.00031	(I) (I)
	Block 6	\$0.00034	32 ITI	Block 1	\$0.00138	(I)
32 ITF	Block 1	\$0.00109		Block 2	\$0.00120	(R) (I)
	Block 2	\$0.00095		Block 3	\$0.00091	(R)
	Block 3	\$0.00071		Block 4	\$0.00061	(R)
	Block 4	\$0.00048		Block 5	\$0.00044	(I)
	Block 5	\$0.00034		Block 6	\$0.00032	(I)
	Block 6	\$0.00025	33 (all)		\$0.00010	(I) (I)

Issued October 29, 2024
 NWN OPUC Advice No. 24-20

Effective with service on
 and after November 1, 2024

NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Fourth Revision of Sheet 187-1
Cancels Third Revision of Sheet 187-1

SCHEDULE 187 SPECIAL RATE ADJUSTMENT FOR MIST CAPACITY RECALL

PURPOSE:

The purpose of this Schedule is to reflect the rate effects of the Company's recall of Mist storage capacity for use by the Company's core Sales Service Customers.

APPLICABLE:

To the following Rate Schedules of this Tariff:

Rate Schedule 2

Rate Schedule 3
Rate Schedule 27

Rate Schedule 31
Rate Schedule 32

APPLICATION TO RATE SCHEDULES:

Effective: November 1, 2024

The Total Adjustment amounts shown below are included in the Base Adjustments reflected in the above-listed Rate Schedules. NO ADDITIONAL ADJUSTMENT TO RATES IS REQUIRED.

Rate Schedule/Class	Block	Mist Recall Base Adjustment	Schedule	Block	Mist Recall Base Adjustment
2		\$0.00074	31 CSF	Block 1	\$0.00038
03 CSF		\$0.00055		Block 2	\$0.00035
03 ISF		\$0.00040	31 ISF	Block 1	\$0.00027
27		\$0.00064		Block 2	\$0.00024
32 CSF	Block 1	\$0.00023	32 CSI	Block 1	\$0.00014
	Block 2	\$0.00020		Block 2	\$0.00012
	Block 3	\$0.00014		Block 3	\$0.00008
	Block 4	\$0.00008		Block 4	\$0.00005
	Block 5	\$0.00004		Block 5	\$0.00003
	Block 6	\$0.00002		Block 6	\$0.00001
32 ISF	Block 1	\$0.00015	32 ISI	Block 1	\$0.00014
	Block 2	\$0.00013		Block 2	\$0.00012
	Block 3	\$0.00009		Block 3	\$0.00008
	Block 4	\$0.00005		Block 4	\$0.00005
	Block 5	\$0.00003		Block 5	\$0.00003
	Block 6	\$0.00001		Block 6	\$0.00001

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GENERAL TERMS:

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

Issued October 29, 2024
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NORTHWEST NATURAL GAS COMPANY

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Sixteenth Revision of Sheet 190-1
Cancels Fifteenth Revision of Sheet 190-1

SCHEDULE 190 PARTIAL DECOUPLING MECHANISM

PURPOSE:

To (a) describe the partial decoupling mechanism established in accordance with Commission Order 12-408 in Docket UG 221, Commission Order 18-419 in Docket UG 344, Commission Order 20-364 in Docket UG 388; and Commission Order 24-359 in Docket UG 490; (b) identify the adjustment applicable to rates under the Rate Schedules listed below.

(T)
(N)

APPLICABLE:

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

Residential	Commercial
Rate Schedule 2	Rate Schedule 3 CSF
	Rate Schedule 31 CSF

ADJUSTMENT TO RATE SCHEDULES:

Effective: November 1, 2024

The Temporary Adjustments for Residential and Commercial Customers taking service on the above-listed Rate Schedules includes the following adjustment:

Residential Rate Schedules:	(\$0.00255)
Commercial Rate Schedule 3:	(\$0.04924)
Commercial Rate Schedule 31:	(\$0.00828)

PARTIAL DECOUPLING DEFERRAL ACCOUNT:

1. As described in detail below, the Company will calculate the difference between weather-normalized usage and the calculated baseline usage for each Residential and Commercial Customer group. The Residential customer group is bifurcated by premises that were connected to the system prior to January 1, 2018, and for those connected on or after January 1, 2018. The resulting usage differential shall be multiplied by the per therm distribution margin for the applicable customer group.

(C)
(C)

The Company shall defer and amortize, with interest, 100% of the distribution margin differential in a sub-account of Account 186. The deferral will be a credit (accruing a refund to customers) if the differential is positive, or a debit (accruing a recovery by the company) if the differential is negative.

(continue to Sheet 190-2)

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Thirteenth Revision of Sheet 190-2
Cancels Twelfth Revision of Sheet 190-2

SCHEDULE 190 PARTIAL DECOUPLING MECHANISM (continued)

PARTIAL DECOUPLING DEFERRAL ACCOUNT (continued):

2. The baseline use-per-customer is:

Residential (premise connected prior to January 1, 2018): 673.50 (N)

Residential (premise connected on or after January 1, 2018): 449.38 (N)

Commercial (Schedule 3): 2,973.47 (C)

Commercial (Schedule 31): 34,835.38 (C)

3. Weather-normalized usage is calculated using the approach to weather normalization adopted in the Company's last general rate case, Docket UG 490. The weather data is taken from the stations identified in **Rule 24**. (C)

Step One. For the heating season months of December through March, usage is normalized by taking the difference between normal and actual heating degree days for each district using a base of 59 degrees for Residential and 58 degrees for Commercial. Usage for the heating season months of November, April and May will be normalized by the actual WARM effect attributable to the month that is included in customer bills for rate schedules 2 and commercial 3. For commercial schedule 31, no normalization will be done in November, April and May.

Step Two. This step derives the per-therm customer variance by multiplying the heating degree-day difference by the usage coefficient of .15533 for Residential (Schedule 2) variances, .65004 for Commercial (Schedule 3) variances, and 6.69582 for Commercial (Schedule 31) variances. (C)(T)(C)
(C)

Step Three. The per-therm customer variance is multiplied by the appropriate customer count, by district, with the sum of the district results representing the normalized therm amount.

4. Baseline usage will be adjusted to reflect actual customers billed each month.

5. The per therm distribution margins to be used in the deferral calculation effective November 1, 2024 is \$0.80858 per therm for Residential (Schedule 2) customers and \$0.70824 per therm for Commercial (Schedule 3) customers and \$0.33096 per therm for Commercial (Schedule 31) customers. (C)(I)(T)(I)
(I)

6. Coincident with the Company's annual Purchased Gas Cost and Technical Rate Adjustment filing, the Company shall apply an adjustment to Residential and Commercial rates to amortize over the following 12 months, the balance in the balancing account as of June 30.

7. This Schedule is an "automatic adjustment clause" as defined in ORS 757.210, and is subject to review by the Commission at least once every two (2) years.

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 this Schedule apply to service under this Schedule, and by all rules and regulations prescribed by regulatory authorities, as amended from time to time.

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**SCHEDULE 195
 WEATHER ADJUSTED RATE MECHANISM
 (WARM Program)
 (continued)**

9. Upon request, the Company will provide Customer with historical billing information that reflects bills with and without the WARM adjustment for any month during the WARM Period.
10. Should a change to the margin rate occur during the WARM Period, the equivalent therms used in the calculation of the WARM adjustment will be based on the entire billing period, and then prorated based upon the number of days applicable to each margin rate. The pro-rated therms are then multiplied by the applicable margin rate to determine the WARM adjustment for each rate period. Example: If a margin rate change occurred on January 1, a bill with a bill period between December 25 and January 24 would be prorated based upon 6 days at the prior margin rate and 24 days at the new margin rate. The calculations performed under the provisions of Special Conditions 2 and 3 will apply to each prorated period separately, except that the total WARM adjustment for each bill will not exceed the maximum (increase or decrease) WARM adjustment specified in Special Conditions 2 and 3.

WARM FORMULA:

1. The Formula is:
$$\text{WARM Adjustment} = \sum_1^T (HDD_{n,t} - HDD_{a,t}) * B * Mrgn$$

Where:

- T = the days covered by the meter read dates for an individual customer’s bill
- HDDn** = the 25 year average of heating degree-days for each day determined using a 25-year average temperature published by the National Oceanic and Atmospheric Administration (NOAA) as adopted for use with the Company’s most recent general rate proceeding.
- HDDa** = the actual heating degree-days for each day based on the individual customer’s actual beginning and ending meter read dates
- B** = the statistical coefficient relating heating degree-days to therm use determined in the most recent general rate case, or other Commission authorized proceeding.
- Mrgn** = the relevant Rate Schedule margin defined as the current Billing Rate less the current Commodity Rate, Pipeline Capacity Charge, and any Temporary Adjustments.

2. For purposes of calculating the WARM Adjustment, the following shall apply:
 - a. A Heating Degree Day (HDD) is defined as the extent by which the daily mean temperature falls below a specified set point on a specified day. The HDD calculation uses a set point temperature of 59 degrees Fahrenheit for the **Rate Schedule 2** calculation, and 58 degrees Fahrenheit for the **Rate Schedule 3** calculation;
 - b. The statistical coefficients to be used in the calculation of the WARM Adjustment Factor effective with the WARM Period commencing November 1, 2024 are: (C)

Rate Schedule 2:	0.15533	Rate Schedule 3:	0.65004
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(C)(C)

(continue to Sheet 195-4)

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NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Ninth Revision of Sheet 195-4
Cancels Eighth Revision of Sheet 195-4

SCHEDULE 195 WEATHER ADJUSTED RATE MECHANISM (WARM Program) (continued)

WARM FORMULA: (continued)

- c. The applicable margins to be used in the calculation of the WARM Adjustment Factor effective November 1, 2024 are:

(C)

Rate Schedule 2:	\$0.80858	Rate Schedule 3:	\$0.70824
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(I)(I)

Weather data used in the calculation of HDD for each customer shall be from the same weather stations and weather zones that are used in the determination of thermal units as set forth in **Rule 24**.

WARM BILL EFFECTS:

The following table depicts the impact on Residential **Rate Schedule 2** and Commercial **Rate Schedule 3** customer bills, respectively, at specified variations in HDDs.

2R	RESIDENTIAL		COMMERCIAL	
HDD Variance (+ or -)	Equivalent therms	Total Monthly WARM adjustment	Equivalent therms	Total Monthly WARM adjustment
		(+ or -)		(+ or -)
1	0.1553	\$0.13	0.6500	\$0.46
5	0.7767	\$0.63	3.2502	\$2.30
10	1.5533	\$1.26	6.5004	\$4.60
15	2.33	\$1.88	9.7506	\$6.91
20	3.1066	\$2.51	13.0008	\$9.21
25	3.8833	\$3.14	16.251	\$11.51
30	4.6599	\$3.77	19.5012	\$13.81
35	5.4366	\$4.40	22.7514	\$16.11
40	6.2132	\$5.02	26.0016	\$18.42
45	6.9899	\$5.65	29.2518	\$20.72
50	7.7665	\$6.28	32.502	\$23.02

(I)(I)

(I)(I)

To calculate variations beyond or in-between specified levels, multiply the desired HDD variance by the applicable statistical coefficient, and then multiply that sum by the applicable margin.

To obtain the cent per therm effect of the Warm Adjustment, divide the WARM Adjustment by the number of therms used during the billing month.

(continue to Sheet 195-5)

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Thirteenth Revision of Sheet 195-5
Cancels Twelfth Revision of Sheet 195-5

SCHEDULE 195 WEATHER ADJUSTED RATE MECHANISM (WARM Program) (continued)

WARM BILL EFFECTS (continued):

Example Bill Calculation:

Here is the how the WARM adjustment is calculated for a residential **Rate Schedule 2** customer where the billing rate is \$1.33108 cents per therm, the HDD variance is 50 HDDs colder than normal, and the monthly therm usage is 129 therms: (I)

HDD Differential:	Normal HDDs:	600 HDDs	
	Actual HDDs:	650 HDDs	
	HDD variance:	$600 - 650 = -50$ HDDs	
Equivalent Therms:	HDD variance:	-50 HDDs	
	Statistical coefficient:	0.15533	(C)
	Equivalent therms:	$-50 \times 0.15533 = -7.7665$ therms	(C)
Total Warm Adjustment:	Equivalent therms:	-7.7665 therms	(C)
	Margin Rate:	\$0.80858	(I)
	Total WARM Adj.:	$-7.7665 \times \$0.80858 = (\$6.27984)$	(R)
Total WARM Adjustment converted to cents per therm:	Total WARM Adj.	(\$6.27984)	(R)
	Monthly usage:	129 therms	
	Cent/therm Adj.:	$(\$6.27984 / 129 = (\$0.04868))$	(R)
Billing Rate per therm:	Current Rate/therm:	\$1.33108	(I)
	WARM cent/therm Adj.	(\$0.04868)	(R)
	WARM Billing Rate:	$\$1.33108 + (\$0.04868) = \$1.28240$	(I)
Total WARM Bill:	Customer Charge:	\$10.00	(I)
	Usage Charge:	\$1.28240	(I)
	Total	$(129 \times \$1.28240 + \$10.00 = \$175.43)$	(I)

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 this Schedule apply to service under this Schedule, and by all rules and regulations prescribed by regulatory authorities, as amended from time to time.

Issued October 29, 2024
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Effective with service on
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NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Third Revision of Sheet 196-1
Cancels Second Revision of Sheet 196-1

SCHEDULE 196 ADJUSTMENT FOR CERTAIN EXCESS DEFERRED INCOME TAXES RELATED TO THE 2017 FEDERAL TAX CUTS AND JOBS ACT

PURPOSE:

To amortize deferred amounts to Customers on the Rate Schedules listed below pursuant to the Third Stipulation adopted by Commission Order No. 19-105 in docket UG 344 entered on March 25, 2019, Order No. 20-364 in docket UG 388 entered on October 16, 2020, and Order No. 22-388 in docket UG 435 entered on October 24, 2022.

(N)
(N)

DESCRIPTION:

The rate adjustments reflected in this Schedule will amortize deferred amounts to Customers reflecting the net benefit of the excess deferred income taxes (EDIT) associated with Plant that result from the 2017 federal Tax Cuts and Jobs Act (TCJA).

(T)(D)
(D)

The adjustment to Customer rates for the amortization of the portion of EDIT associated with Plant will occur until such time as the balance is fully amortized or the amortization schedule is otherwise changed in the Company's next general rate case with Commission approval. The total amount to be amortized is a credit of \$125.1 million, which will be amortized at \$3.1 million per year, prior to full revenue gross up.

(C)

This rate adjustment first became effective commencing November 1, 2020.

Applicable:

To all Customers taking service under the following Rate Schedules of this Tariff of which this Schedule 196 is a part:

Rate Schedule 2
Rate Schedule 3
Rate Schedule 27

Rate Schedule 31
Rate Schedule 32
Rate Schedule 33

(continue to Sheet 196-2)

Issued October 29, 2024
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Effective with service on
and after November 1, 2024

NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Fifth Revision of Sheet 196-2
Cancels Fourth Revision of Sheet 196-2

SCHEDULE 196
ADJUSTMENT FOR CERTAIN EXCESS DEFERRED INCOME TAXES
RELATED TO THE 2017 FEDERAL TAX CUTS AND JOBS ACT
(continued)

RATE ADJUSTMENTS:

Effective: November 1, 2024

The effect of this adjustment is included in the temporary rate and base rate for Plant. NO ADDITIONAL ADJUSTMENT TO RATES IS REQUIRED

(C)
(T)(D)

The volumetric adjustment applicable to each Rate Schedule is shown in the table below:

Rate Schedule	Block	Rate Adjustment (per therm)		Rate Schedule	Block	Rate Adjustment (per therm)
2		(\$0.00707)		32 ITF	Block 1	(\$0.00039)
03 CSF		(\$0.00683)			Block 2	(\$0.00033)
03 ISF		(\$0.00175)			Block 3	(\$0.00023)
27		(\$0.00734)			Block 4	(\$0.00014)
31 CSF	Block 1	(\$0.00164)			Block 5	(\$0.00008)
	Block 2	(\$0.00150)			Block 6	(\$0.00004)
31 CTF	Block 1	(\$0.00159)		32 CSI	Block 1	(\$0.00064)
	Block 2	(\$0.00145)			Block 2	(\$0.00054)
31 ISF	Block 1	(\$0.00118)			Block 3	(\$0.00037)
	Block 2	(\$0.00107)			Block 4	(\$0.00021)
31 ITF	Block 1	(\$0.00127)			Block 5	(\$0.00011)
	Block 2	(\$0.00115)			Block 6	(\$0.00003)
32 CSF	Block 1	(\$0.00103)		32 ISI	Block 1	(\$0.00041)
	Block 2	(\$0.00087)			Block 2	(\$0.00035)
	Block 3	(\$0.00060)			Block 3	(\$0.00024)
	Block 4	(\$0.00033)			Block 4	(\$0.00013)
	Block 5	(\$0.00014)			Block 5	(\$0.00007)
	Block 6	(\$0.00005)			Block 6	(\$0.00002)
32 ISF	Block 1	(\$0.00049)		32 CTI	Block 1	(\$0.00042)
	Block 2	(\$0.00041)			Block 2	(\$0.00036)
	Block 3	(\$0.00029)			Block 3	(\$0.00025)
	Block 4	(\$0.00016)			Block 4	(\$0.00015)
	Block 5	(\$0.00007)			Block 5	(\$0.00008)
	Block 6	(\$0.00003)			Block 6	(\$0.00004)
32 CTF	Block 1	(\$0.00066)		32 ITI	Block 1	(\$0.00032)
	Block 2	(\$0.00056)			Block 2	(\$0.00027)
	Block 3	(\$0.00040)			Block 3	(\$0.00019)
	Block 4	(\$0.00023)			Block 4	(\$0.00011)
	Block 5	(\$0.00013)			Block 5	(\$0.00006)
	Block 6	(\$0.00007)			Block 6	(\$0.00003)
				33 (all)		\$0.00000

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(M) Moved from sheet 196.3.

(continue to Sheet 196-3)

(M)

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NORTHWEST NATURAL GAS COMPANY

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Third Revision of Sheet 196-3
Cancels Second Revision of Sheet 196-3

SCHEDULE 196

—CANCELLED—

(K)

—SHEET 196-3 IS RESERVED FOR FUTURE USE—

(K) Transferred to sheet 196.2

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P.U.C. Or. 25

First Revision of Sheet 197-1
Cancels Original Sheet 197-1

SCHEDULE 197 AMORTIZATION OF PENSION BALANCING ACCOUNT

PURPOSE:

To identify adjustments to Customer rates applicable to the Rate Schedules listed below pursuant to the Third Stipulation adopted by Commission Order 19-105 in Docket UG 344 entered on March 25, 2019.

DESCRIPTION:

The rate adjustments reflected in this Schedule establish the method by which NW Natural will amortize the balance in the Company's Pension Balancing Account (PBA) that was established in accordance with Commission Order 11-051, Docket UM 1475.

The adjustments to Customer rates reflect the amortization of the PBA over a 10-year term of this Schedule 197. The total amount to be collected from Customers on an annual basis is \$7.1 million.

TERM:

The annual rate adjustments applied under this Schedule 197 shall be effective for a 10-year period commencing April 1, 2019 with the last adjustments to become effective April 1, 2028 ending March 31, 2029.

APPLICABLE:

To all classes of Customers taking service under the following Rate Schedules of the Tariff of which this Schedule 197 is a part:

Rate Schedule 2	Rate Schedule 31
Rate Schedule 3	Rate Schedule 32
Rate Schedule 27	Rate Schedule 33

RATE ADJUSTMENTS:

The Base Rate Adjustment applies to all customer classes (Sales and Transportation Service) and is calculated on an equal percent of margin by Rate Schedule and Customer class. The effect of this adjustment is reflected in the Base Rate Adjustment shown in the respective Rate Schedules. NO ADDITIONAL ADJUSTMENT TO RATES IS REQUIRED.

(C)

(continue to Sheet 197-2)

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Third Revision of Sheet 197-2
 Cancels Second Revision of Sheet 197-2

**SCHEDULE 197
 AMORTIZATION OF PENSION BALANCING ACCOUNT
 (continued)**

RATE ADJUSTMENTS (continued):

The volumetric adjustment applicable to each Rate Schedule is shown in the table below:

Rate Schedule	Block	Adjustment		Rate Schedule	Block	Adjustment	
2		\$0.01178		31 CSF	Block 1	\$0.00578	(R)(R)
					Block 2	\$0.00529	(R)
03 CSF		\$0.00916		31 ISF	Block 1	\$0.00485	(I) (I)
03 ISF		\$0.00694			Block 2	\$0.00447	(I) (I)
27		\$0.01057		31 CTF	Block 1	\$0.00599	(I) (R)
					Block 2	\$0.00551	(R)
				31 ITF	Block 1	\$0.00484	(I)
					Block 2	\$0.00441	
				32 CSI	Block 1	\$0.00301	
32 CSF	Block 1	\$0.00261			Block 2	\$0.00269	(R)
	Block 2	\$0.00231			Block 3	\$0.00216	(R)
	Block 3	\$0.00182			Block 4	\$0.00163	(R)
	Block 4	\$0.00132			Block 5	\$0.00131	(I)
	Block 5	\$0.00096			Block 6	\$0.00108	(I)
	Block 6	\$0.00079		32 ISI	Block 1	\$0.00276	(I)
32 ISF	Block 1	\$0.00128			Block 2	\$0.00249	(R)
	Block 2	\$0.00115			Block 3	\$0.00202	(R)
	Block 3	\$0.00093			Block 4	\$0.00156	(R)
	Block 4	\$0.00071			Block 5	\$0.00129	(I)
	Block 5	\$0.00056			Block 6	\$0.00108	(I)
	Block 6	\$0.00048		32 CTI	Block 1	\$0.00192	(I)
32 CTF	Block 1	\$0.00222			Block 2	\$0.00167	(R)
	Block 2	\$0.00193			Block 3	\$0.00126	(R)
	Block 3	\$0.00145			Block 4	\$0.00085	(R)
	Block 4	\$0.00096			Block 5	\$0.00060	
	Block 5	\$0.00068			Block 6	\$0.00044	(I)
	Block 6	\$0.00048		32 ITI	Block 1	\$0.00197	(I)
32 ITF	Block 1	\$0.00155			Block 2	\$0.00172	(R)
	Block 2	\$0.00135			Block 3	\$0.00130	(R)
	Block 3	\$0.00102			Block 4	\$0.00088	(R)
	Block 4	\$0.00069			Block 5	\$0.00063	(I)
	Block 5	\$0.00048			Block 6	\$0.00046	(I)
	Block 6	\$0.00035		33 (all)		\$0.00014	(I) (I)

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NORTHWEST NATURAL GAS COMPANY

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Third Revision of Sheet 198-1
Cancels Second 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

Rate Schedule	Block	Rate Adjustment (per therm)	Rate Schedule	Block	Rate Adjustment (per therm)
2		\$0.00815	32 ITF	Block 1	(\$0.00236)
03 CSF		\$0.00815		Block 2	(\$0.00236)
03 ISF		\$0.00815		Block 3	(\$0.00236)
27		\$0.00815		Block 4	(\$0.00236)
31 CSF	Block 1	\$0.00815		Block 5	(\$0.00236)
	Block 2	\$0.00815		Block 6	(\$0.00236)
31 CTF	Block 1	(\$0.00236)	32 CSI	Block 1	\$0.00815
	Block 2	(\$0.00236)		Block 2	\$0.00815
31 ISF	Block 1	\$0.00815		Block 3	\$0.00815
	Block 2	\$0.00815		Block 4	\$0.00815
31 ITF	Block 1	(\$0.00236)		Block 5	\$0.00815
	Block 2	(\$0.00236)		Block 6	\$0.00815
32 CSF	Block 1	\$0.00815	32 ISI	Block 1	\$0.00815
	Block 2	\$0.00815		Block 2	\$0.00815
	Block 3	\$0.00815		Block 3	\$0.00815
	Block 4	\$0.00815		Block 4	\$0.00815
	Block 5	\$0.00815		Block 5	\$0.00815
	Block 6	\$0.00815		Block 6	\$0.00815
32 ISF	Block 1	\$0.00815	32 CTI	Block 1	(\$0.00236)
	Block 2	\$0.00815		Block 2	(\$0.00236)
	Block 3	\$0.00815		Block 3	(\$0.00236)
	Block 4	\$0.00815		Block 4	(\$0.00236)
	Block 5	\$0.00815		Block 5	(\$0.00236)
	Block 6	\$0.00815		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)

(K)

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**SCHEDULE 330
RESIDENTIAL BILL DISCOUNT PROGRAM –
OPTIONAL FOR QUALIFYING CUSTOMERS**

PURPOSE:

The purpose of this schedule is to implement an optional bill discount program for income-qualifying residential customers.

APPLICABLE:

To all income-qualified Residential Customers taking service under Rate Schedule 2 of this Tariff. Income-qualified is defined as Customers with gross household income at or below 60% of Oregon State Median Income (SMI), adjusted for household size. For customers in single-person households, eligibility is extended to those with gross household incomes the greater of 60% SMI or full-time wages at Oregon minimum wage rates for Portland Metro area.

(D)

BILL DISCOUNT:

Participating income-qualified Customers will receive the following credit on their monthly bill:

	Income Qualifying	Bill Discount Percentage
Tier 0	0-15% SMI	85%
Tier 1	16-30% SMI	50%
Tier 2	31%-45% SMI	30%
Tier 3*	46%-60% SMI	15%

(C)
(C)
(C)

* For customers in single-person households, Tier 3 eligibility is extended to those with gross household income that is the greater of 60% SMI or full-time wages at Oregon minimum wage rates for Portland Metro area.

SPECIAL CONDITIONS:

1. An Applicant for this bill assistance program must be the account holder and is required to provide an application that includes a self-declaration of household size and income. Household size reflects all permanent residents in the home, including adults and children. Qualifying income refers to total gross annual income, both taxable and nontaxable, from all sources for all persons in the applicant’s household.
2. Renewal of a Customer’s enrollment is required every two years. It is the customer’s responsibility to notify the Company if there is a change in income qualification status.
3. NW Natural may also auto-enroll eligible customers that have received energy assistance or have participated in any of the Company’s low-income programs with a Tier 3 bill discount. Auto-enrolled customers may provide additional information to qualify for higher tier discounts and must re-enroll every two years.
4. Participants that were not auto-enrolled may be subject to post-enrollment verification audit sampling, which may include a showing of proof of household size and income. Bill discounts may be suspended for Customers found to be ineligible or non-responsive during post-enrollment audits. Customers may re-apply for this program upon providing verification of eligibility.

(continue to Sheet 330-2)

NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Second Revision of Sheet 335-1
Cancels First Revision of Sheet 335-1

SCHEDULE 335 BILL DISCOUNT PROGRAM COST RECOVERY

PURPOSE:

This Schedule recovers the costs of the Company's Bill Discount Program offered under **Schedule 330** "Residential Bill Discount Program – Optional for Qualifying Customers". This Adjustment Schedule is implemented as an automatic adjustment clause as provided for under ORS 757.210.

APPLICABILITY:

This Schedule applies to all bills of customers taking service on the rate schedules listed below:

APPLICATION TO RATES:

Effective: **November 1, 2024**

(C)

A charge will be assessed on each bill for the applicable Rate Schedules:

Rate Schedule	Charge per Bill
2	\$0.94
3	\$3.24
27	\$0.61
31	\$25.90
32	\$62.77

There is a maximum rate cap of \$94/month for rate schedules 31 and 32 customers (individually, not as a combined class of rate schedule 31 and rate schedule 32). The costs will be allocated to all rate schedules on an equal percent of margin basis. In the event that the costs of the program reach the cap for rate schedule 31, the costs allocated to rate schedule 31 in excess of the cap will be spread on an equal percent of margin basis to all non-capped rate schedules. In the event that the costs of the program reach the cap for rate schedule 32, the costs allocated to rate schedule 32 in excess of the cap will be spread on an equal percent of margin basis to all non-capped rate schedules.

(N)
|
(N)

GENERAL TERMS:

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

Issued October 29, 2024
NWN OPUC Advice No. 24-20

Effective with service on
and after November 1, 2024

BEFORE THE
PUBLIC UTILITY COMMISSION OF OREGON

UG 490 / NWN OPUC Advice No. 24-20

NW Natural

**COMPLIANCE FILING WITH COMBINED EFFECTS OF
ANNUAL PGA**

EXHIBITS A, B & C

October 29, 2024

COMPLIANCE FILING EXHIBITS

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NW Natural
UG 490 Exhibit A - Compliance Filing
Test year Adjustments from 2nd Stipulation
(\$000)

Line No.	Attestation Projects					Order No. 24-359	Order No. 24-359	Total Adjustments to \$95M 2nd Stipulation	
	P30 Willis Creek	Happy Valley 172nd...	Temetra	Wilsonville Day Rd.	SE 76th & SE Morrison	Lobbying Expense	LEA Overage		Rounding Adj.
Operating Revenues									
1								\$0	
2								\$0	
3								\$0	
4								\$0	
5								\$0	
6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Operating Revenue Deductions									
7								\$0	
8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
9								\$0	
10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
11	\$30	\$9	\$72	\$20	\$10	(\$249)	\$147	\$1	\$41
12	\$12	\$4	\$28	\$8	\$4	(\$98)	\$58	\$1	\$16
13									\$0
14	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$7)	(\$7)
15	(\$72)	(\$24)	(\$337)	(\$53)	(\$24)	\$1,286	(\$440)		\$336
16	(\$30)	(\$11)	(\$237)	(\$24)	(\$10)	\$939	(\$236)	(\$5)	\$386
17	\$30	\$11	\$237	\$24	\$10	(\$939)	\$236	\$5	(\$386)
Average Rate Base									
18	(\$3,540)	(\$1,034)	(\$1,494)	(\$2,270)	(\$1,087)	\$0	(\$13,700)	\$0	(\$23,125)
19	\$11	\$3	\$29	\$30	\$4		\$220		\$297
20	(\$3,529)	(\$1,031)	(\$1,465)	(\$2,240)	(\$1,083)	\$0	(\$13,480)	\$0	(\$22,828)
21	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
26	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
28	(\$3,529)	(\$1,031)	(\$1,465)	(\$2,240)	(\$1,083)	\$0	(\$13,480)	\$0	(\$22,828)
29	(\$83)	(\$24)	(\$35)	(\$53)	(\$26)	\$0	(\$318)	\$0	(\$539)
30	(\$395)	(\$119)	(\$482)	(\$258)	(\$123)	\$1,329	(\$1,680)	(\$8)	(\$1,734)

NW Natural
Oregon Jurisdictional Rate Case - UG 490
Test Year Twelve Months Ended October 31, 2025
Rate Spread Summary - UG 490 Compliance Filing Exhibit B

Line No.	CUSTOMER CLASS SERVICE TYPE	Residential Sales Firm	Commercial Sales Firm	Industrial Sales Firm	Commercial Sales Firm	Commercial Sales Firm	Commercial Transportation Firm	Industrial Sales Firm	Industrial Transportation Firm	Commercial Sales Firm	Industrial Sales Firm	Commercial Transportation Firm	Industrial Transportation Firm	Commercial Sales Interruptible	Industrial Sales Interruptible	Commercial Transportation Interruptible	Industrial Transportation Interruptible	33T	
																			RATE SCHEDULE
Oregon Total																			
1	Revenue at Current Rates (Less: Temporaries, incl. Misc Rev)	\$ 934,246,461	\$ 587,008,625	\$ 208,409,273	\$ 5,120,734	\$ 1,055,526	\$ 22,704,926	\$ 1,140,610	\$ 9,697,979	\$ 156,930	\$ 39,930,829	\$ 14,892,281	\$ 994,454	\$ 6,714,797	\$ 13,483,573	\$ 16,881,514	\$ 515,000	\$ 5,539,411	\$ -
2	Margin Revenue at Current Rates (Incl. Misc Rev)	\$ 528,918,261	\$ 360,714,888	\$ 113,389,442	\$ 2,405,057	\$ 593,328	\$ 10,045,606	\$ 1,140,610	\$ 3,467,751	\$ 156,930	\$ 14,016,743	\$ 3,667,040	\$ 994,454	\$ 6,714,797	\$ 2,566,247	\$ 2,990,958	\$ 515,000	\$ 5,539,411	\$ -
3	Rate Schedule % of Current Margin	100.00%	68.20%	21.44%	0.45%	0.11%	1.90%	0.22%	0.66%	0.03%	2.65%	0.69%	0.19%	1.27%	0.49%	0.57%	0.10%	1.05%	0.00%
3a	SPECIAL CONTRACT Current Volumetric Margin	\$ 1,642,981	\$ 288,910,785	\$ 99,001,833	\$ 2,232,947	\$ 429,461	\$ 6,876,164	\$ 726,312	\$ 2,519,928	\$ 107,640	\$ 7,180,143	\$ 2,093,402	\$ 622,708	\$ 4,782,248	\$ 1,797,310	\$ 1,995,496	\$ 479,201	\$ 4,715,603	\$ -
Reference																			
4a	Incremental Revenue Requirement - PER ORDER 24-359	\$ 95,000,000	UG 490 Second Multi-Party Stipulation authorized per Order 24-359																
4b	Less: Rev Req for Gas Reserves Rate Base	\$ -																	
4c	Less: Rev Req for Plant EDIT Amortization	\$ (4,386,994)	Calculated per Order 24-359 * Grossed up for revenue sensitive items; to be spread to all schedules on the same basis as the settled UG 490 rate spread, through the base rate.																
4d	Revenue Requirement to Spread for Stipulation	\$ 99,386,994	Per Order 24-359																
4e	Plus: Rev Req Adjustments	\$ (17,334,281)	Per Order 24-359 * Includes attestation adjustments, and tied to the UG 490 Final Order 24-359 shown at right, to be spread on the same basis as the settled UG 490 rate spread.																
4f	Revenue Requirement to Spread for Final Rate Increment	\$ 97,652,614	Calculated per Order 24-359																
4g	Net Increase to Rev Req Prior to Order 24-359 Adjustments	\$ 95,000,000	Calculated per Order 24-359																
4h	Net Increase to Margin Revenue (%)	17.91%	Parties' times average Second Multi-Party Stipulation methodology includes special contract revenues.																
4i	Net Increase to Rev Req After Order 24-359 Adjustments	\$ 93,265,720	Total																
4j	Net Increase to Margin Revenue (%) - Final Order 24-359	17.63%	Excludes special contract revenues.																
Effective November 1, 2024																			
Incremental Revenue Requirement: (after application of Plant EDIT Amortization, Capital Project Attestation, and Final Order 24-359 Adjustments)																			
Rate Spread: UG 490 Revenue Requirement Increment	[2]	\$ 93,265,719	\$ 63,669,776	\$ 25,912,093	\$ 190,250	\$ 135,589	\$ 794,649	\$ 90,227	\$ 274,313	\$ 12,414	\$ 985,584	\$ 177,270	\$ 69,925	\$ 324,603	\$ 180,445	\$ 144,587	\$ 36,212	\$ 267,783	\$ -
5	UG 490 Total Revenue at Effective Date	\$ 1,027,512,181	\$ 650,678,401	\$ 234,321,366	\$ 5,310,984	\$ 1,191,116	\$ 23,499,575	\$ 1,230,837	\$ 9,972,293	\$ 169,344	\$ 40,916,413	\$ 15,069,551	\$ 1,064,378	\$ 7,039,400	\$ 13,664,018	\$ 17,026,101	\$ 551,212	\$ 5,807,193	\$ 0
6	% Increase to Current Revenue	9.98%	10.85%	12.43%	3.72%	12.85%	3.50%	7.91%	2.83%	7.91%	2.47%	1.19%	7.03%	4.83%	1.34%	0.86%	7.03%	4.83%	0.00%
7	UG 490 Total Margin Revenue at Effective Date	\$ 622,183,981	\$ 424,384,664	\$ 139,301,535	\$ 2,595,307	\$ 728,918	\$ 10,840,255	\$ 1,230,837	\$ 3,742,065	\$ 169,344	\$ 15,002,327	\$ 3,844,310	\$ 1,064,378	\$ 7,039,400	\$ 2,746,692	\$ 3,135,545	\$ 551,212	\$ 5,807,193	\$ 0
8	% Increase to Current Margin	17.63%	17.65%	22.85%	7.91%	22.85%	7.91%	7.91%	7.91%	7.91%	7.03%	4.83%	7.03%	4.83%	7.03%	4.83%	7.03%	4.83%	0.00%

[1] Equals the sum of Lines 4a and 4e.

[2] The proposed margin and revenue increment increases/decreases are based on volumetric billing rates rounded to the fifth decimal as necessitated by the Company's tariff. Therefore, there may be a small discrepancy with the indicated revenue requirement presented elsewhere.

NW Natural
Oregon Jurisdictional Rate Case
Test Year Twelve Months Ended October 31, 2025
Incremental Revenue Requirement Allocation by Rate Schedule:
Combined Revenue Requirement and Purchased Gas Adjustment (PGA) Effects
UG 490 NW Natural Compliance Filing for Rates Effective November 1, 2024 per Order 24-359 - Exhibit C

UG 490 and 24-25 PGA Revenue Requirement Combined Impacts
Impacts of UG 490 Revenue Requirement Items, including the application of the Plant EDIT Amortization Credit, capital project attestations and adjustments per Order 24-359, combined with 24-25 Purchased Gas Adjustment Items.

Line No.	Rate Schedule	Margin Revenue at Present Rates	Total Revenue at Present Rates	Revenue Requirement	Plant EDIT Credit	Revenue Requirement Adjs	Total: Rev. Req. Items	Total: PGA 24-25 Items	Margin Revenue at New Rates	Total Revenue at New Rates	Combined Revenue Requirement Effects		
				Margin Increase (\$)	Margin Decrease (\$)	Margin Decrease (\$)	Margin Increase (\$)	Revenue Decrease (\$)			Margin Revenue Increase (%)	Total Revenue (In)(De)crease (%)	Average Bill (In)(De)crease (%)
		A	B	C	D	E	F	G	H = A+F	I = B+F+G	J	K	L
1	02R	\$ 360,714,888	\$ 587,008,625	\$ 67,847,659	\$ (2,995,365)	\$ (1,182,046)	\$ 63,670,247	\$ (34,640,093)	\$ 424,385,135	\$ 616,038,779	17.7%	4.9%	4.7%
2	02R - SF	\$ 321,354,194	\$ 522,955,082	\$ 61,808,466	\$ (2,660,827)	\$ (1,050,029)	\$ 58,097,610	\$ (30,771,306)	\$ 379,451,805	\$ 550,281,386	18.1%	5.2%	5.0%
3	02R - MF	\$ 39,360,693	\$ 64,053,543	\$ 6,039,192	\$ (334,538)	\$ (132,017)	\$ 5,572,637	\$ (3,868,787)	\$ 44,933,330	\$ 65,757,393	14.2%	2.7%	2.5%
4	03C	\$ 113,389,442	\$ 208,409,273	\$ 27,613,303	\$ (1,219,599)	\$ (482,126)	\$ 25,911,578	\$ (9,088,121)	\$ 139,301,020	\$ 225,232,729	22.9%	8.1%	8.2%
5	03I	\$ 2,405,057	\$ 5,120,734	\$ 202,759	\$ (8,931)	\$ (3,521)	\$ 190,306	\$ (211,397)	\$ 2,595,363	\$ 5,099,643	7.9%	-0.4%	-0.4%
6	27R	\$ 593,328	\$ 1,055,526	\$ 144,488	\$ (6,375)	\$ (2,519)	\$ 135,594	\$ (48,634)	\$ 728,923	\$ 1,142,486	22.9%	8.2%	7.2%
7	31CSF	\$ 10,045,606	\$ 22,704,926	\$ 846,802	\$ (37,320)	\$ (14,737)	\$ 794,746	\$ (1,088,210)	\$ 10,840,352	\$ 22,411,462	7.9%	-1.3%	-1.7%
8	31CTF	\$ 1,140,610	\$ 1,140,610	\$ 96,148	\$ (4,241)	\$ (1,673)	\$ 90,235	\$ (35,826)	\$ 1,230,844	\$ 1,195,018	7.9%	4.8%	4.4%
9	31ISF	\$ 3,467,751	\$ 9,697,979	\$ 292,337	\$ (12,929)	\$ (5,100)	\$ 274,309	\$ (446,370)	\$ 3,742,060	\$ 9,525,918	7.9%	-1.8%	-2.0%
10	31ITF	\$ 156,930	\$ 156,930	\$ 13,228	\$ (585)	\$ (229)	\$ 12,415	\$ (5,788)	\$ 169,345	\$ 163,557	7.9%	4.2%	4.1%
11	32CSF	\$ 14,016,743	\$ 39,930,829	\$ 1,050,097	\$ (46,553)	\$ (18,463)	\$ 985,081	\$ (1,831,913)	\$ 15,001,824	\$ 39,083,998	7.0%	-2.1%	-2.4%
12	32ISF	\$ 3,667,040	\$ 14,892,281	\$ 188,979	\$ (8,318)	\$ (3,223)	\$ 177,439	\$ (749,319)	\$ 3,844,479	\$ 14,320,401	4.8%	-3.8%	-3.8%
13	32CTF	\$ 994,454	\$ 994,454	\$ 74,524	\$ (3,297)	\$ (1,299)	\$ 69,928	\$ (34,924)	\$ 1,064,382	\$ 1,029,458	7.0%	3.5%	4.2%
14	32ITF	\$ 6,714,797	\$ 6,714,797	\$ 345,865	\$ (15,304)	\$ (5,895)	\$ 324,667	\$ (433,855)	\$ 7,039,464	\$ 6,605,609	4.8%	-1.6%	0.4%
15	32CSI	\$ 2,566,247	\$ 13,483,573	\$ 192,303	\$ (8,555)	\$ (3,324)	\$ 180,424	\$ (925,010)	\$ 2,746,671	\$ 12,738,987	7.0%	-5.5%	-4.5%
16	32ISI	\$ 2,990,958	\$ 16,881,514	\$ 154,004	\$ (6,806)	\$ (2,678)	\$ 144,520	\$ (1,040,873)	\$ 3,135,478	\$ 15,985,161	4.8%	-5.3%	-4.9%
17	32CTI	\$ 515,000	\$ 515,000	\$ 38,567	\$ (1,715)	\$ (681)	\$ 36,170	\$ (33,791)	\$ 551,170	\$ 517,378	7.0%	0.5%	-1.3%
18	32ITI	\$ 5,539,411	\$ 5,539,411	\$ 285,767	\$ (12,364)	\$ (4,465)	\$ 268,938	\$ (759,136)	\$ 5,808,348	\$ 5,049,212	4.9%	-8.8%	-3.1%
19	33T	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	0.0%	0.0%	0.0%
Total		\$ 528,918,261	\$ 934,246,461	\$ 99,386,830	\$ (4,388,256)	\$ (1,731,978)	\$ 93,266,596	\$ (51,373,260)	\$ 622,184,857	\$ 976,139,797	17.6%	4.5%	(7)
		(4)	(5)	(6)	(6)	(6)	(6)	(6)	(5)	(7)			

- NOTE (1): Revenue Requirement spread based on Attachment 1 to the UG 490 Second Multi-Party Stipulation, authorized per Commission Final Order 24-359.
 NOTE (2): Plant excess deferred income taxes (EDIT) amortization credit spread to all rate schedules based on the revenue requirement rate spread noted above.
 NOTE (3): Revenue Requirement Adjustments include: Capital Project Attestations plus adjustments per UG 490 Commission Final Order 24-359, and are spread to all rate schedules based on the rate spread noted above.
 NOTE (4): 02R indicates the entire Residential rate class. Below it are the two proposed Residential sub-classes that make-up the class-wide total. They are as follow:
 (1) 02R - SF: Residential Single-Family; and (2) 02R - MF : Residential Multi-Family.
 NOTE (5): Total Revenues only includes margin (with miscellaneous revenues) and gas costs. It excludes temporaries associated with PGA filings. Therefore, for RS 31 and RS 32 rate classes, it is possible for margin revenues to exceed total revenues for new rates when rate case and PGA effects are combined.
 NOTE (6): The proposed margin revenue increase is based on volumetric billing rates rounded to the fifth decimal as necessitated by the Company's tariff. Therefore, there may be a small discrepancy with the indicated revenue requirement.
 NOTE (7): The average customer bill percentage impact figure calculation excludes pipeline capacity charges for RS 31 and RS 32 rate classes, and thus the bill rate impacts for these schedules are overstated. In addition to the revenue requirement items, average bill increase or decrease can be impacted by changes in expected use per customer between current and new rates.

NW Natural
Oregon Jurisdictional Rate Case
Test Year Twelve Months Ended October 31, 2025
Final UG 490 Base and Total Billing Rates by Rate Schedule and Block - Combined Effects
with Calculation of Effect on Customer Average Bill by Rate Schedule [1]
UG 490 NW Natural Compliance Filing for Rates Effective November 1, 2024 per Order 24-359 - Exhibit C

Line No.	Schedule	Block	Block Volumes	Test Year Volumes	Test Year Customers	Current Tariff		Current Tariff Rate	UG 490 Final Order 24-359 and 2024-25 PGA Combined Effects						UG 490+PGA		UG 490+PGA		UG 490+PGA	
						Current Monthly Base Charge	Proposed Monthly Base Charge	11/1/2023	Base Rate	Base Rate Adjustment	Pipeline Capacity Rate (Demand)	Commodity Rate (WACOG)	Temporary Adjustment	Final Tariff Rate Effective: 11/01/24	11/01/2023	11/01/2024	11/01/2024	11/01/2024		
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R		
1	02R - SF		N/A	376,354,582	573,930	\$ 8.00	\$ 10.00	\$ 1.29519	\$ 0.79969	\$ 0.00889	\$ 0.10274	\$ 0.43366	(\$ 0.01390)	\$ 1.33108	\$ 78.78	\$ 82.74	\$ 3.96	5.0%		
2	02R - MF		N/A	47,317,968	70,297	\$ 8.00	\$ 8.00	\$ 1.29519	\$ 0.79969	\$ 0.00889	\$ 0.10274	\$ 0.43366	(\$ 0.01390)	\$ 1.33108	\$ 78.78	\$ 80.74	\$ 1.96	2.5%		
3	3C Firm Sales		N/A	178,565,073	60,059	\$ 15.00	\$ 15.00	\$ 1.08753	\$ 0.69954	\$ 0.00870	\$ 0.10274	\$ 0.43366	(\$ 0.06288)	\$ 1.18176	\$ 284.45	\$ 307.80	\$ 23.35	8.2%		
4	3I Firm Sales		N/A	5,103,413	339	\$ 15.00	\$ 15.00	\$ 1.05830	\$ 0.47483	\$ 0.00855	\$ 0.10274	\$ 0.43366	\$ 0.03439	\$ 1.05417	\$ 1,342.67	\$ 1,337.48	(\$ 5.19)	-0.4%		
5	27 Dry Out		N/A	868,581	1,524	\$ 8.00	\$ 8.00	\$ 1.08605	\$ 0.65055	\$ 0.00879	\$ 0.10274	\$ 0.43366	(\$ 0.01906)	\$ 1.17668	\$ 59.58	\$ 63.89	\$ 4.31	7.2%		
6	31C Firm Sales	Block 1	2,000	11,676,852	682	\$ 325.00	\$ 325.00	\$ 0.75920	\$ 0.33750	\$ 0.00853	\$ 0.00000	\$ 0.43366	(\$ 0.03470)	\$ 0.74499						
7		Block 2	all additional	12,113,051				\$ 0.73098	\$ 0.30793	\$ 0.00850	\$ 0.00000	\$ 0.43366	(\$ 0.03542)	\$ 0.71467	\$ 2,506.40	\$ 2,463.19	(\$ 43.21)	-1.7%		
8	31C Firm Transpt	Block 1	2,000	1,154,921	59	\$ 575.00	\$ 575.00	\$ 0.29503	\$ 0.30572	(\$ 0.00236)	\$ 0.00000	\$ 0.00000	\$ 0.01154	\$ 0.31490						
9		Block 2	all additional	1,658,190				\$ 0.26998	\$ 0.27950	(\$ 0.00236)	\$ 0.00000	\$ 0.00000	\$ 0.01067	\$ 0.28781	\$ 1,697.73	\$ 1,772.65	\$ 74.92	4.4%		
10	31I Firm Sales	Block 1	2,000	3,645,031	181	\$ 325.00	\$ 325.00	\$ 0.74421	\$ 0.25602	\$ 0.00842	\$ 0.00000	\$ 0.43366	\$ 0.03140	\$ 0.72950						
11		Block 2	all additional	8,063,066				\$ 0.72013	\$ 0.23081	\$ 0.00839	\$ 0.00000	\$ 0.43366	\$ 0.03079	\$ 0.70365	\$ 4,254.66	\$ 4,169.37	(\$ 85.29)	-2.0%		
12	31I Firm Transpt	Block 1	2,000	117,271	7	\$ 575.00	\$ 575.00	\$ 0.25351	\$ 0.26118	(\$ 0.00236)	\$ 0.00000	\$ 0.00000	\$ 0.00948	\$ 0.26830						
13		Block 2	all additional	378,825				\$ 0.22946	\$ 0.23606	(\$ 0.00236)	\$ 0.00000	\$ 0.00000	\$ 0.00873	\$ 0.24243	\$ 1,978.29	\$ 2,058.53	\$ 80.24	4.1%		
14	32C Firm Sales	Block 1	10,000	34,266,943	546	\$ 675.00	\$ 675.00	\$ 0.67131	\$ 0.18063	\$ 0.00838	\$ 0.00000	\$ 0.43366	\$ 0.03026	\$ 0.65293						
15		Block 2	20,000	10,937,767				\$ 0.64449	\$ 0.15248	\$ 0.00835	\$ 0.00000	\$ 0.43366	\$ 0.02947	\$ 0.62396						
16		Block 3	20,000	2,211,305				\$ 0.59997	\$ 0.10573	\$ 0.00829	\$ 0.00000	\$ 0.43366	\$ 0.02811	\$ 0.57579						
17		Block 4	100,000	1,239,889				\$ 0.55528	\$ 0.05881	\$ 0.00823	\$ 0.00000	\$ 0.43366	\$ 0.02675	\$ 0.52745						
18		Block 5	600,000	42,883				\$ 0.52318	\$ 0.02510	\$ 0.00819	\$ 0.00000	\$ 0.43366	\$ 0.02578	\$ 0.49273						
19		Block 6	all additional	-				\$ 0.50796	\$ 0.00912	\$ 0.00817	\$ 0.00000	\$ 0.43366	\$ 0.02531	\$ 0.47626	\$ 5,664.85	\$ 5,528.23	(\$ 136.62)	-2.4%		
20	32I Firm Sales	Block 1	10,000	7,913,705	83	\$ 675.00	\$ 675.00	\$ 0.62727	\$ 0.13351	\$ 0.00830	\$ 0.00000	\$ 0.43366	\$ 0.02798	\$ 0.60345						
21		Block 2	20,000	7,948,293				\$ 0.60740	\$ 0.11272	\$ 0.00828	\$ 0.00000	\$ 0.43366	\$ 0.02757	\$ 0.58223						
22		Block 3	20,000	2,813,868				\$ 0.57416	\$ 0.07797	\$ 0.00824	\$ 0.00000	\$ 0.43366	\$ 0.02688	\$ 0.54675						
23		Block 4	100,000	2,175,618				\$ 0.54104	\$ 0.04334	\$ 0.00820	\$ 0.00000	\$ 0.43366	\$ 0.02621	\$ 0.51141						
24		Block 5	600,000	243,434				\$ 0.51791	\$ 0.01915	\$ 0.00818	\$ 0.00000	\$ 0.43366	\$ 0.02573	\$ 0.48672						
25		Block 6	all additional	-				\$ 0.50628	\$ 0.00698	\$ 0.00816	\$ 0.00000	\$ 0.43366	\$ 0.02549	\$ 0.47429	\$ 13,738.43	\$ 13,218.83	(\$ 519.60)	-3.8%		
26	32C Firm Transpt	Block 1	10,000	2,590,573	26	\$ 925.00	\$ 925.00	\$ 0.13325	\$ 0.13867	(\$ 0.00236)	\$ 0.00000	\$ 0.00000	\$ 0.00506	\$ 0.14137						
27		Block 2	20,000	1,953,763				\$ 0.11366	\$ 0.11783	(\$ 0.00236)	\$ 0.00000	\$ 0.00000	\$ 0.00451	\$ 0.11998						
28		Block 3	20,000	719,396				\$ 0.08114	\$ 0.08320	(\$ 0.00236)	\$ 0.00000	\$ 0.00000	\$ 0.00358	\$ 0.08442						
29		Block 4	100,000	880,187				\$ 0.04857	\$ 0.04854	(\$ 0.00236)	\$ 0.00000	\$ 0.00000	\$ 0.00265	\$ 0.04883						
30		Block 5	600,000	22,088				\$ 0.02899	\$ 0.02771	(\$ 0.00236)	\$ 0.00000	\$ 0.00000	\$ 0.00210	\$ 0.02745						
31		Block 6	all additional	-				\$ 0.01601	\$ 0.01390	(\$ 0.00236)	\$ 0.00000	\$ 0.00000	\$ 0.00173	\$ 0.01327	\$ 3,367.16	\$ 3,510.06	\$ 142.90	4.2%		
32	32I Firm Transpt	Block 1	10,000	8,736,363	99	\$ 925.00	\$ 925.00	\$ 0.13029	\$ 0.13081	(\$ 0.00236)	\$ 0.00000	\$ 0.00000	\$ 0.00469	\$ 0.13314						
33		Block 2	20,000	13,246,592				\$ 0.11125	\$ 0.11118	(\$ 0.00236)	\$ 0.00000	\$ 0.00000	\$ 0.00426	\$ 0.11308						
34		Block 3	20,000	9,131,203				\$ 0.07953	\$ 0.07849	(\$ 0.00236)	\$ 0.00000	\$ 0.00000	\$ 0.00351	\$ 0.07964						
35		Block 4	100,000	21,165,098				\$ 0.04783	\$ 0.04581	(\$ 0.00236)	\$ 0.00000	\$ 0.00000	\$ 0.00277	\$ 0.04622						
36		Block 5	600,000	24,865,776				\$ 0.02874	\$ 0.02614	(\$ 0.00236)	\$ 0.00000	\$ 0.00000	\$ 0.00231	\$ 0.02609						
37		Block 6	all additional	11,811,298				\$ 0.01613	\$ 0.01313	(\$ 0.00236)	\$ 0.00000	\$ 0.00000	\$ 0.00202	\$ 0.01279	\$ 7,233.46	\$ 7,260.71	\$ 27.25	0.4%		
38	32C Interr Sales	Block 1	10,000	4,058,178	45	\$ 675.00	\$ 675.00	\$ 0.64462	\$ 0.14820	\$ 0.00829	\$ 0.00000	\$ 0.43366	\$ 0.02823	\$ 0.61838						
39		Block 2	20,000	5,136,344				\$ 0.62250	\$ 0.12513	\$ 0.00827	\$ 0.00000	\$ 0.43366	\$ 0.02766	\$ 0.59472						
40		Block 3	20,000	3,110,823				\$ 0.58557	\$ 0.08661	\$ 0.00823	\$ 0.00000	\$ 0.43366	\$ 0.02671	\$ 0.55521						
41		Block 4	100,000	6,956,084				\$ 0.54861	\$ 0.04807	\$ 0.00820	\$ 0.00000	\$ 0.43366	\$ 0.02575	\$ 0.51568						
42		Block 5	600,000	5,200,422				\$ 0.52644	\$ 0.02496	\$ 0.00818	\$ 0.00000	\$ 0.43366	\$ 0.02518	\$ 0.49198						
43		Block 6	all additional	-				\$ 0.51023	\$ 0.00806	\$ 0.00816	\$ 0.00000	\$ 0.43366	\$ 0.02477	\$ 0.47465	\$ 28,530.42	\$ 27,247.91	(\$ 1,282.51)	-4.5%		
44	32I Interr Sales	Block 1	10,000	4,985,895	60	\$ 675.00	\$ 675.00	\$ 0.62793	\$ 0.12905	\$ 0.00829	\$ 0.00000	\$ 0.43366	\$ 0.02796	\$ 0.59896						
45		Block 2	20,000	6,430,643				\$ 0.60846	\$ 0.10893	\$ 0.00827	\$ 0.00000	\$ 0.43366	\$ 0.02749	\$ 0.57835						
46		Block 3	20,000	3,474,949				\$ 0.57596	\$ 0.07541	\$ 0.00823	\$ 0.00000	\$ 0.43366	\$ 0.02670	\$ 0.54400						
47		Block 4	100,000	9,019,174				\$ 0.54347	\$ 0.04185	\$ 0.00820	\$ 0.00000	\$ 0.43366	\$ 0.02591	\$ 0.50962						
48		Block 5	600,000	7,213,148				\$ 0.52396	\$ 0.02171	\$ 0.00818	\$ 0.00000	\$ 0.43366	\$ 0.02544	\$ 0.48899						
49		Block 6	all additional	-				\$ 0.50968	\$ 0.00698	\$ 0.00816	\$ 0.00000	\$ 0.43366	\$ 0.02509	\$ 0.47389	\$ 26,742.30	\$ 25,427.63	(\$ 1,314.67)	-4.9%		
50	32C Interr Transpt	Block 1	10,000	1,052,700	3	\$ 925.00	\$ 925.00	\$ 0.12471	\$ 0.12687	(\$ 0.00236)	\$ 0.00000	\$ 0.00000	\$ 0.00387	\$ 0.12838						
51		Block 2	20,000	1,477,735				\$ 0.10645	\$ 0.10784	(\$ 0.00236)	\$ 0.00000	\$ 0.00000	\$ 0.00347	\$ 0.10895						
52		Block 3	20,000	886,682				\$ 0.07601	\$ 0.07614	(\$ 0.00236)	\$ 0.00000	\$ 0.00000	\$ 0.00283	\$ 0.07661						
53		Block 4	100,000	3,117,615				\$ 0.04557	\$ 0.04440	(\$ 0.00236)	\$ 0.00000	\$ 0.00000	\$ 0.00221	\$ 0.04425						
54		Block 5	600,000	650,756				\$ 0.02730	\$ 0.02539	(\$ 0.00236)	\$ 0.00000	\$ 0.00000	\$ 0.00183	\$ 0.02486						
55		Block 6	all additional	-				\$ 0.01517	\$ 0.01273	(\$ 0.00236)	\$ 0.00000	\$ 0.00000	\$ 0.00157	\$ 0.01194	\$ 11,732.30	\$ 11,577.98	(\$ 154.32)	-1.3%		
56	32I Interr Transpt	Block 1	10,000	5,097,928	71	\$ 925.00	\$ 925.00	\$ 0.12543	\$ 0.12471	(\$ 0.00236)	\$ 0.00000	\$ 0.00000	\$ 0.00443	\$ 0.12678						
57		Block 2	20,000	8,495,129				\$ 0.10713	\$ 0.10600	(\$ 0.00236)	\$ 0.00000	\$ 0.00000	\$ 0.00401	\$ 0.10765						
58		Block 3	20,000	6,394																