



# Oregon

Tina Kotek, Governor

## Public Utility Commission

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October 31, 2024



BY EMAIL

Northwest Natural Gas Company

[efiling@nwnatural.com](mailto:efiling@nwnatural.com)

RE: Advice Nos. 24-20 and 24-20A

The tariff sheets in your compliance filing docketed in UG 490 are accepted in compliance with Order Nos. 24-359 and 24-363. Attached is a receipted copy of the sheets in your compliance filing for your records.

*/s/ Alison Lackey*

Alison Lackey

Chief Administrative Law Judge

Public Utility Commission of Oregon

(503) 400-2861

# NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Sixth Revision of Sheet H-5  
Cancels Fifth Revision of Sheet H-5

## 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)

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# 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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**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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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)

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**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.

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**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)

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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

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(continue to Sheet 2-2)

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**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.

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

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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.

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# NORTHWEST NATURAL GAS COMPANY

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

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## 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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# NORTHWEST NATURAL GAS COMPANY

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

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

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Rotary Meters: Effective: November 1, 2024

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<b>Meter Size</b>	<b>Meter Capacity (Cubic Feet/hour)</b>	<b>Monthly Charge</b>
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)

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**NORTHWEST NATURAL GAS COMPANY**

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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 <sup>1</sup>	---	\$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	---	---

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

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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

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## 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

(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 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	---	---	---	---	<b>\$8.00</b>
Volumetric Charge (per therm)	\$0.65055	\$0.00879	\$0.10274	\$0.43366	(\$0.01906)	<b>\$1.17668</b>

(I)

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.

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# NORTHWEST NATURAL GAS COMPANY

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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**

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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**. 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.

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

(continues to Sheet 31-12)

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

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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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# 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**

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**.

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

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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)

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

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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)

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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.

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

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

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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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# 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
Site Remediation Cost Recovery Mechanism (SRRM) (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
Site Remediation Cost Recovery Mechanism (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)

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**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	<b>FIRM SALES</b>	
		<b>Commercial</b>	
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	
Site Remediation Recovery Mechanism (Schedule 183)	All Therms	\$0.01424	(T)
TSA Capital and Cost of Service Recovery (Schedule 189)	All Therms	\$0.00276	(R)

**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	
Site Remediation Recovery Mechanism (Schedule 183)	Block 1	\$0.00847	\$0.00595	\$0.00867	\$0.00652	(T)
	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	(R)(R)(R)(R)
	Block 2	\$0.00104	\$0.00081	\$0.00104	\$0.00083	(R)(R)(R)(R)
Decoupling Adjustment (Schedule 190)	All Blocks	(\$0.00828)				

(continue to Sheet 100-3)

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# 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
Site Remediation Recovery Mechanism (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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# NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Tenth Revision of Sheet 100-4  
Cancels Ninth Revision of Sheet 100-4

## 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	INTERRUPTIBLE SALES		INTERRUPTIBLE TRANSPORT	
		Commercial	Industrial	Commercial	Industrial
Deferred Gas Cost Amortization (Schedule 162)	All Blocks	(\$0.03553)	(\$0.03553)		
Intervenor Funding (Schedule 172)	All Blocks		\$0.00038		\$0.00038
Transportation Customer Renewable Natural Gas Offtake Costs (Schedule 171)	All Blocks			\$0.00127	\$0.00127
Covid-19 Deferral (Schedule 173)	Block 1	\$0.00035	\$0.00012	\$0.00007	\$0.00008
	Block 2	\$0.00029	\$0.00010	\$0.00006	\$0.00006
	Block 3	\$0.00021	\$0.00007	\$0.00004	\$0.00005
	Block 4	\$0.00012	\$0.00004	\$0.00003	\$0.00003
	Block 5	\$0.00007	\$0.00002	\$0.00002	\$0.00002
	Block 6	\$0.00003	\$0.00001	\$0.00001	\$0.00001
Corporate Activity Tax (CAT) (Schedule 177)	Block 1	\$0.00018	\$0.00018	\$0.00004	\$0.00004
	Block 2	\$0.00018	\$0.00017	\$0.00003	\$0.00003
	Block 3	\$0.00017	\$0.00017	\$0.00002	\$0.00002
	Block 4	\$0.00016	\$0.00016	\$0.00001	\$0.00001
	Block 5	\$0.00015	\$0.00015	\$0.00001	\$0.00001
	Block 6	\$0.00015	\$0.00015	\$0.00000	\$0.00000
Regulatory Rate Adjustment (Schedule 178)	Block 1	(\$0.00028)	(\$0.00027)	(\$0.00023)	(\$0.00025)
	Block 2	(\$0.00024)	(\$0.00023)	(\$0.00021)	(\$0.00022)
	Block 3	(\$0.00019)	(\$0.00018)	(\$0.00017)	(\$0.00017)
	Block 4	(\$0.00013)	(\$0.00012)	(\$0.00011)	(\$0.00012)
	Block 5	(\$0.00009)	(\$0.00009)	(\$0.00009)	(\$0.00009)
	Block 6	(\$0.00006)	(\$0.00006)	(\$0.00006)	(\$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	\$0.00018	\$0.00017	\$0.00004	\$0.00004
	Block 2	\$0.00017	\$0.00017	\$0.00003	\$0.00003
	Block 3	\$0.00016	\$0.00016	\$0.00002	\$0.00002
	Block 4	\$0.00015	\$0.00015	\$0.00001	\$0.00001
	Block 5	\$0.00015	\$0.00015	\$0.00001	\$0.00001
	Block 6	\$0.00014	\$0.00014	\$0.00000	\$0.00000
Site Remediation Recovery Mechanism (Schedule 183)	Block 1	\$0.00317	\$0.00303	\$0.00259	\$0.00278
	Block 2	\$0.00269	\$0.00257	\$0.00221	\$0.00238
	Block 3	\$0.00190	\$0.00181	\$0.00159	\$0.00171
	Block 4	\$0.00110	\$0.00105	\$0.00097	\$0.00104
	Block 5	\$0.00062	\$0.00060	\$0.00059	\$0.00063
	Block 6	\$0.00027	\$0.00026	\$0.00034	\$0.00037
Industrial DSM (Schedule 188)	All Blocks	\$0.05973	\$0.05973		
TSA Capital and Cost of Service Recovery (Schedule 189)	Block 1	\$0.00043	\$0.00015	\$0.00009	\$0.00009
	Block 2	\$0.00037	\$0.00013	\$0.00008	\$0.00008
	Block 3	\$0.00026	\$0.00009	\$0.00006	\$0.00006
	Block 4	\$0.00015	\$0.00005	\$0.00003	\$0.00004
	Block 5	\$0.00008	\$0.00003	\$0.00002	\$0.00002
	Block 6	\$0.00004	\$0.00001	\$0.00001	\$0.00001

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(continue to Sheet 100-5)

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# 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:**

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.

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

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# 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.

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# NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

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

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## 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.

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### 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.

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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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# NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

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

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## 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)  
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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)  
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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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(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:

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Rate Schedule 2:	\$0.80858	Rate Schedule 3:	\$0.70824
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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 HDD Variance (+ or -)	RESIDENTIAL		COMMERCIAL	
	Equivalent therms	Total Monthly WARM adjustment (+ or -)	Equivalent therms	Total Monthly WARM adjustment (+ 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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# NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

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

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

### WARM BILL EFFECTS (continued):

#### Example Bill Calculation:

Here is 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	(C)
	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.

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# NORTHWEST NATURAL GAS COMPANY

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

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## 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)

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**NORTHWEST NATURAL GAS COMPANY**

P.U.C. Or. 25

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

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**SCHEDULE 196**

—CANCELLED—

(K)

**—SHEET 196-3 IS RESERVED FOR FUTURE USE—**

(K) Transferred to sheet 196.2

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# NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

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

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## 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.

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(continue to Sheet 198-2)

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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)

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\* 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)

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# NORTHWEST NATURAL GAS COMPANY

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

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## 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.

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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.

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