

NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Second Revision of Sheet 32-1
Cancels First Revision of Sheet 32-1

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

SERVICE AVAILABILITY:

Service under this Rate Schedule is available on the Company's Distribution System to Non-Residential Customers in all territory served by the Company under the Tariff of which this Rate Schedule is a part, provided that the Company determines, in its sole judgment, that adequate supply and capacity exists to accommodate a Customer's service requirements. Service under this Rate Schedule cannot be combined with service under any other Rate Schedule.

SELECTION OF RATE SCHEDULE AND SERVICE TYPES:

It is the responsibility of the Customer to select the Rate Schedule and Service Type (a Service Type Selection) that best meets the Customer's individual service requirements. A Customer's Service Type Selection is subject to the Company's approval as described in "SERVICE SELECTIONS – PROCESS AND PROCEDURE" of this Rate Schedule, and in the Company's applicable policies and procedures.

PRE-REQUISITES TO SERVICE:

1. An application for service must be made in accordance with the provisions of **General Rule 1** of this Tariff.
2. Any Customer may be required to establish or re-establish credit under the terms and conditions of **General Rule 2** of this Tariff.
3. A Customer may be required to pay the Company, in advance, for costs related to the Company's installation of any new or additional Distribution Facilities necessary to provide service to Customer under this Rate Schedule. See **Rule 20** and **Schedule X**.
4. When the installation of new or additional Distribution Facilities is necessary to provide service to Customer, the Company may require Customer enter into a written service agreement.
5. A New Customer must submit a Service Election Form specifying the Customer's Service Type Selection at the time the Customer initially applies for service with the Company.
6. A Customer must have an approved Service Type Selection under this Rate Schedule.
7. The Company may require that Company-owned telemetry equipment be installed at Customer's Premise and installation may be required prior to receiving gas service.
8. Except for the Firm Sales Service Type, an AAMR device is required, and Customer, at Customer's expense, must provide active and continuous electric power to enable meter communications. The electric power must be installed in accordance with the Company's specifications, and must be in place and activated 45 days in advance of the requested effective date of service.
9. Customers that elect Interruptible Sales Service, Firm Transportation Service, Interruptible Transportation Service, Firm Sales Service with Interruptible Sales Service, Firm Sales Service with Firm Transportation Service, or Firm Sales Service with Interruptible Transportation Service must be able to receive notices via automatic electronic means acceptable to the Company.
10. Customers that elect an Interruptible Service Type must identify at least one authorized emergency contact that is accessible for notification 24-hours per day, 7-days per week and must notify the Company of any changes to the emergency contact as provided in this Rate Schedule, or at least annually, upon Company request.
11. Service to CNG fueling equipment is subject to "SPECIAL CONDITIONS FOR COMPRESSED NATURAL GAS ("CNG") SERVICE FOR VEHICULAR USE" of this Rate Schedule.

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GENERAL OBLIGATIONS APPLICABLE TO EACH SERVICE TYPE:

The Company will bill a Customer and the Customer must pay the Company the rates according to: (a) the Customer's designated class of service, (b) the Customer's Service Type Selection, and (c) other options selected as shown under the Monthly Rates section at the end of this Rate Schedule. Except as provided in General Rule 12 of this Tariff, no seasonal or temporary Disconnection of Service is permitted for any Service Selection under this Rate Schedule. Should the same Customer close and reactivate an account at the same premise twice within a 24-month period, upon the second occurrence, the Company will bill the Customer the minimum monthly bill obligations for the months that service was inactive during the most recent 12-months. Upon a third occurrence, the Company may involuntarily transfer the Customer to Rate Schedule 3.

(continue to Sheet 32-2)

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Issued by: **NORTHWEST NATURAL GAS COMPANY**

d.b.a. NW Natural
220 N.W. Second Avenue
Portland, Oregon 97209-3991

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

GENERAL OBLIGATIONS APPLICABLE TO EACH SERVICE TYPE: (continued)

Where an AAMR device is installed and used for billing purposes, Customer must promptly restore electric power service to the AAMR device following an outage, no matter the cause. If failure to restore electric power to the AAMR device within thirty (30) days of notice from the Company can reasonably be assumed to be within the customer’s control, it is cause for the Company to reassign Customer to another rate schedule or another Service Type Selection that does not require an AAMR device.

Where the Customer premise is a Participant Multi-Family Building, Customer must ensure that the houseline, valves, and gas appliances installed under Schedule 405 remain in place and available for use at all times. NW Natural shall be granted free and unobstructed access to the valves installed on such houseline and shall be granted authority to place Company-owned locking devices on each valve as deemed necessary by the Company.

ANNUAL SERVICE ELECTION – June 30 Election for November 1 Service:

The Annual Service Election is the date by which a Customer may request to change all or a portion of their Service Type Selection for the following November 1 through October 31 period (PGA Year). All requests must be received by the Company on or before June 30, and will be effective the following November 1. Except as identified in this Rate Schedule under “OUT-OF-CYCLE TRANSFERS,” a Customer may not make a change to their Service Type Selection at any other time.

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This Annual Service Election Provision shall apply to Customer-requested changes to any or all of the following components of a Service Type Selection: (1) Service Type, (2) Commodity Component (Sales Service Types only); (3) Pipeline Capacity Charge billing option (Firm Sales Service Type only), or (4) Firm Sales Service daily delivery volumes (Combination Service Type only).

When there is no Customer requested change under this Annual Service Election provision, then for the next PGA Year commencing November 1 the Customer’s Service Type and related billing options, including the Commodity Component option for Sales Service Types, will default to the same Service Type and billing options that are in effect at the close of the current Annual Service Election period.

Transfers between Sales Service and Transportation Service are further subject to the provisions in this Rate Schedule under “APPLICATION OF TEMPORARY ADJUSTMENTS TO RATES (ACCOUNT 191 ADJUSTMENTS).”

The Service Types available under this Rate Schedule, and the required selections for each Service Type, are set forth below. See “DESCRIPTION OF SERVICE TYPES AND REQUIREMENTS FOR SERVICE” in this Rate Schedule for additional information:

Sales Service Type*:

Customer must select one of two Commodity Component options: (1) Annual Sales WACOG, or (2) Winter Sales WACOG. Customer will have until August 15 to select the Winter Sales WACOG option (for a term of November 1 through March 31). If no selection is made, the Commodity Component option will default to Annual Sales WACOG. The Customer that selects Winter Sales WACOG will be billed at Monthly Incremental Cost of Gas (Schedule 150) effective April 1 through October 31. If no other change in Service Type was previously requested, either as an Out-of-Cycle Transfer or with this Annual Service Election, the Winter Sales WACOG Commodity Component will automatically restart for billing effective the following November 1 through March 31 period.

Firm Sales Service:

Customer must select one of two Pipeline Capacity Charge options:

- Volumetric
- MDDV

(continue to Sheet 32-3)

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

ANNUAL SERVICE ELECTION – June 30 Election for November 1 Service: (continued)
Sales Service Type* (continued):

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Interruptible Sales Service *

Transportation Service Types*:

- a. Firm Transportation Service
- b. Interruptible Transportation Service

*Customer will automatically be placed on a month-end billing cycle.

Combination Service Types*:

For Sales Service, Customer must select one of two Commodity Component options: (1) Annual Sales WACOG, or (2) Winter Sales WACOG. Customer will have until August 15 to select the Winter Sales WACOG option (for a term of November 1 through March 31). If no selection is made, the Commodity Component option will default to Annual Sales WACOG (November 1 through October 31). The Customer that selects Winter Sales WACOG will be billed at Monthly Incremental Cost of Gas (Schedule 150) effective April 1 through October 31. If no other change in Service Type was previously requested, either as an Out-of-Cycle Transfer or with this Annual Service Election, the Winter Sales WACOG Commodity Component will automatically restart for billing the following November 1 through March 31 period.

- a. Firm Sales Service with Interruptible Sales Service **
Customer must specify an exact daily delivery volume to be billed at Firm Sales Service
- b. Firm Sales Service with Firm Transportation Service
Customer must specify an exact daily delivery volume to be billed at Firm Sales Service
- c. Firm Sales Service with Interruptible Transportation Service
Customer must specify an exact daily delivery volume to be billed at Firm Sales Service
- d. Interruptible Sales with Interruptible Transportation Service
Customer must specify an exact daily delivery volume to be billed at Interruptible Sales Service
- e. Firm Transportation Service with Interruptible Transportation Service
Customer must specify an exact daily delivery volume to be billed at Firm Transportation Service

* Customer will automatically be placed on a month-end billing cycle

*** Customer must choose one Commodity Component option for all Sales Service volumes

Customer may specify an hourly delivery volume in their Service Election form. The total hourly delivery volume for any given 24-hour period must not exceed the total specified Firm MDDV.

The terms and conditions for submission and approval of a Service Type Selection are identified under "SERVICE TYPE SELECTIONS – PROCESS AND PROCEDURE" of this rate schedule. A Customer need not submit a Service Election Form if the Customer desires to retain its current Service Type Selection for the next PGA Year.

RATE SCHEDULE TRANSFERS:

A transfer between Rate Schedules will be allowed upon one Billing Month advance notice to the Company. Any request to also change the Service Type Selection must comply with the provision for "OUT-OF-CYCLE TRANSFERS FOR CERTAIN SERVICE TYPES" set forth in this Rate Schedule. Customer eligibility for a Rate Schedule transfer is as follows:

New Customer. A Customer with an account for gas service to the premise to be served by this Rate Schedule that was opened within the most recent 12 calendar months may transfer to any other Rate Schedule upon appropriate advance notice. Once a transfer is made, a second transfer cannot be made from that Rate Schedule until Customer has completed a minimum of 12 consecutive Billing Months.

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

RATE SCHEDULE TRANSFERS: (continued)

Existing Customer. A Customer that has fulfilled 12 months of continuous service under this rate schedule may voluntarily transfer to another Rate Schedule at any time upon appropriate advance notice. Once a transfer is made, a second transfer cannot be made from that Rate Schedule until Customer has completed a minimum of 12 consecutive Billing Months

OUT-OF-CYCLE TRANSFERS FOR CERTAIN SERVICE TYPES:

The following changes to a Customer's Service Type Selection may be allowed upon written notice to the Company not less than one Billing Month in advance of the requested effective date. The terms and conditions for submission and approval of a Service Type Selection are identified under "SERVICE TYPE SELECTIONS – PROCESS AND PROCEDURE" of this Rate Schedule.

Unless otherwise specified, the out-of-cycle transfers listed below may be made at any time during the calendar year. Any out-of-cycle transfer that is made on or after the Annual Service Election date will only be in effect through October 31 of that same PGA Year. In such circumstance, the Service Type Selection to be effective November 1 will default to the Customer's Service Type Selection that was requested under the Annual Service Election provision, or in the absence of a request, that was in effect as of the Annual Service Election date. Nothing in this section prohibits a Customer from requesting a Service Type Selection change under the Annual Service Election provision.

Transfer from a Transportation Service Type to a Sales Service Type. A Customer with a Transportation Service may request an out-of-cycle transfer to a Sales Service Type at any time during the calendar year. The Commodity Component applicable to out-of-cycle transfers to Sales Service will be the Monthly Incremental Cost of Gas, as determined in accordance with Schedule 150 of this Tariff. If the Customer took service under a Transportation Service Type in the prior PGA Year, then the Account 191 adjustments currently in effect for Sales Service will not apply. Where a Customer chooses a Firm Sales Service, Customer will be required to pay the applicable monthly Firm Pipeline Capacity Charges commencing with the effective date of the Firm Sales Service and continuing through the end of the current PGA Year. The monthly Firm Pipeline Capacity Charges will continue to apply even if the Customer makes a subsequent out-of-cycle transfer to return to Transportation Service within the current PGA Year. If the out-of-cycle transfer request is to transfer from Interruptible Transportation Service to Firm Sales Service, the transfer will be allowed provided that the Company has determined that adequate supply and capacity exists to accommodate the Customer's request. Customer may not transfer from Firm Transportation Service to Interruptible Sales Service, but Customer may transfer from Firm Transportation Service to Firm Sales Service.

If a Customer that transfers to a Sales Service Type does not make a different Service Type Selection under the Annual Service Election provision, the Commodity Component will automatically change to Annual Sales WACOG effective November 1. In such event, the Customer is eligible to select the Company's Winter Sales WACOG option for the Commodity Component provided Customer submits a Service Election Form to the Company on or before the Winter Sales WACOG Election date.

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

OUT-OF-CYCLE TRANSFERS FOR CERTAIN SERVICE TYPES (continued):

Transfer from a Sales Service Type to a Transportation Service Type. Out-of-cycle transfers from a Sales Service to a Transportation Service are allowed only when: (1) the Customer is a New Customer that prior to the service activation date made advance arrangements with the Company, in writing, to make the transfer within the first 12-months; or (2) a Customer's Sales Service Commodity Component at the time of the transfer request is either: (a) Winter Sales WACOG, or (b) Monthly Incremental Cost of Gas.

Where a Customer is transferring from the Winter Sales WACOG Commodity Component option, the transfer to Transportation Service is allowed only during the months April through October. Where a Customer is transferring from a Sales Service Type at the Monthly Incremental Cost of Gas Commodity Component, the transfer can be requested at any time. Customer will continue to be billed and will pay any Account 191 adjustments that applied to Customer's Sales Service.

If the Customer transfers from a Firm Sales Service Type, then Customer will continue to be billed and will pay the applicable monthly Firm Pipeline Capacity Charges associated with the Firm Sales Service Type from which Customer transferred, or accept a release of that capacity as discussed below.

If the out-of-cycle transfer request is to transfer from Interruptible Sales Service to Firm Transportation Service, the transfer will be allowed provided that the Company has determined that adequate capacity exists to accommodate the Customer's request. Customer may not transfer from Firm Sales Service to Interruptible Transportation Service, but Customer may transfer from Firm Sales Service to Firm Transportation Service.

For Customer requested transfers from a Firm Sales Service Type with an effective date any time between April 1 and October 1, Customer must select one of the following by notifying the Company of its selection in writing: (a) Continue to pay the applicable Firm Pipeline Capacity Charges associated with Firm Sales Service from which Customer transferred with each regular monthly bill through October 31; or (b) accept a release of the Company's interstate pipeline capacity to Customer or Customer's Authorized Supplier/Agent acting as Customer's agent (hereafter the "Capacity Release Option"). If the Company and the Customer (or Customer's Authorized Supplier/Agent actually enter into a capacity release transaction, then Customer shall not be required to pay the applicable Firm Pipeline Capacity Charges during the period of release. If the parties are unable to enter into an actual capacity release transaction, then Customer shall be deemed to have elected (a) above and shall be required to continue to pay the applicable Firm Pipeline Capacity Charges as stated in (a) above. The following additional conditions shall apply to a Customer that selects the Capacity Release Option:

1. All capacity release transactions on U.S. interstate pipelines shall be subject to all applicable FERC rules and regulations and the provisions of the applicable Pipeline's tariff related to such capacity release transaction.
2. The amount of Pipeline capacity to be subject to a release transaction shall equal such Customer's Firm Sales Service MDDV in effect at the time of transfer;
3. The Company intends to release applicable Pipeline capacity for a complete path back the Company's incremental/decremental supply source, currently AECO-NIT.

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RATE SCHEDULE 32
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(continued)

OUT-OF-CYCLE TRANSFERS FOR CERTAIN SERVICE TYPES (continued):

4. For any U.S. interstate pipelines, the Company offers to agree to a prearranged capacity release for the subject capacity with the Customer or the Customer's Authorized Supplier/Agent (acting on behalf of the Customer) at a rate equal to the higher of: the Pipeline's maximum rate, or the rate that is the result of any required bidding procedure for such capacity pursuant to such Pipeline's tariff.
5. The term of the Company's agreement to release any U.S. Pipeline capacity shall be in effect only during the months under which the Transportation Service is effective, or until the following October 31, whichever comes first.
6. The Customer shall be eligible for one-half of the Schedule 185 and Schedule 186 credits applied to Customer bills the following year.
7. If the release under the Capacity Release Option will be with Customer's Authorized Supplier/Agent, Customer must provide the Company with a signed statement from Customer's Authorized Supplier/Agent that acknowledges the Authorized Supplier/Agent's consent to the terms of the prearranged release as set forth herein. Additionally, the Company does not warrant or guaranty that the capacity released to Customer's Authorized Supplier/Agent will be used by the Authorized Supplier/Agent to serve the Customer. The details of ensuring for the adequacy of its supply and upstream capacity arrangements upon transfer to Transportation Service shall be the sole responsibility of the Customer.
8. The existence of this Capacity Release Option is contingent on the Customer and/or the creditworthiness standards of the applicable U.S. Interstate Pipeline per such Pipeline's Tariff requirements. For avoidance of doubt, failure to satisfy such creditworthiness conditions means that the Capacity Release Option is not available to the Customer, including the Canadian pipeline portion.
9. The Customer shall be eligible for one-half of the Schedule 185 and Schedule 186 credits applied to Customer bills the following year.

Transfer from an Interruptible Service Type to a Firm Service Type. A Customer that is receiving Interruptible Sales Service may request to change to Firm Sales Service, and similarly, a Customer that is receiving Interruptible Transportation Service may request to change to Firm Transportation Service, subject to Company approval as set forth in "SERVICE TYPE SELECTION – PROCESS AND PROCEDURES."

Transfer from a Firm Service Type to an Interruptible Service Type. This transfer is only available to a New Customer that prior to the service activation date made advance arrangements with the Company, in writing, to make the transfer within the first 12-months of the service activation date.

APPLICATION OF TEMPORARY ADJUSTMENTS TO RATES (ACCOUNT 191 ADJUSTMENTS):

Account 191 Adjustments are the portion of the Temporary Adjustment in rates that relates to the deferral of commodity and pipeline capacity charges, specifically, the Account 191 Commodity Adjustment and Account 191 Pipeline Capacity Adjustment, as set forth in Schedule 162.

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

APPLICATION OF TEMPORARY ADJUSTMENTS TO RATES (ACCOUNT 191 ADJUSTMENTS)
(continued):

A Customer is subject to the Account 191 portion of the Temporary Adjustment based on the Service Type they had during the PGA Year in which the deferral was created. If a Customer was on either Annual Sales WACOG or Winter Sales WACOG during the prior PGA Year, then they will receive the Account 191 portion of the Temporary Adjustment (charge or credit) in effect for the current PGA Year. If a Customer was on Transportation Service for the full period of the preceding PGA Year, then they will not receive the current year's Account 191 portion of the Temporary Adjustment (charge or credit). This application of the Account 191 portion of the Temporary Adjustment is not affected by changes in Service Type that may occur in the current PGA Year.

SERVICE TYPE SELECTIONS – PROCESS AND PROCEDURE:

Service Election Form. Any Service Type Selection change must be submitted on the Company's Service Election Form. The Company will personally deliver, mail, fax, or e-mail a Service Election Form to a Customer, upon request. Customers with multiple active Natural Gas service accounts and/or multiple billing meters within a single service account must submit a separate Service Election Form for each billing meter. The Service Election Form must be completed and signed by an authorized representative of the Customer, and delivered to Company in person, by facsimile transmission, or by U.S. mail. The Company will notify a Customer by the end of the next Business Day if the Service Election Form is incomplete or does not meet the notice requirements for the change being requested, or for any other reason the Company determines in its reasonable discretion. Customer may resubmit a new Service Election Form provided it is received by the Company in accordance with the applicable Service Type Selection Change provisions set forth elsewhere in this Rate Schedule.

Customers requesting an Interruptible Service Type **must** include names and telephone numbers for all authorized emergency contacts. At least one authorized emergency contact must be accessible for notification 24-hours per day, 7-days per week. Following each Annual Election, the Company will provide the emergency contact form to Customers that elected an Interruptible Service Type. It is the Customer's responsibility to notify the Company within five (5) Business Days of any change to Customer's authorized emergency contact information. The Company will ensure the emergency contact form is readily accessible for this purpose.

Customers must comply with the provisions of General Rule 1 in the event of a change in business name or a change in ownership.

Company Approval of Service Type Selection. The Company will notify a Customer of the Company's approval or denial of Customer's Service Type Selection request within ten (10) Business Days from the date that the Service Election Form is received and accepted by Company. The Company will include an explanation for any denial of a Customer's Service Type Selection request at the time of the notification.

The Company's approval of a Service Type Selection will be based upon the Company's determination, in its sole judgment, that: (a) adequate supply and capacity is available to accommodate Customer's request, and (b) Customer has satisfactorily established or has satisfactorily re-established credit under the terms and conditions of General Rule 2 of this Tariff. Any change in a Customer's Rate Schedule or Service Type will be deemed a change in condition of service.

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

DESCRIPTION OF SERVICE TYPES AND REQUIREMENTS FOR SERVICE:

A Customer must make one Service Type Selection per billing meter from the list of nine (9) available Service Types. The Service Types and the respective requirements of each Service Type are described below and elsewhere in this Rate Schedule, including, without limitation, Pre-Requisites To Service:

Sales Service Types:

Firm Sales Service Type. A Customer that selects this Service Type must choose which of two Pipeline Capacity Charge options to pay. The first rate choice is volumetric (Firm Pipeline Capacity Charge – Volumetric option). For the volumetric choice, the rate stated for the Firm Pipeline Capacity Charge – Volumetric option in the Monthly Rates provision of this Rate Schedule is multiplied by all therms used by Customer each Billing Month. The second rate choice is based on the Customer's Maximum Daily Delivery Volume (MDDV) (Firm Pipeline Capacity Charge - Peak Demand option). For the MDDV choice, each therm of Customer's MDDV is multiplied by the Firm Pipeline Capacity Charge- Peak Demand option each Billing Month. The provisions for determination of a Customer's MDDV are under "DETERMINATION OF MDDV" in this Rate Schedule.

Interruptible Sales Service Type. Interruptible Sales Service Customers are subject to Curtailment of Service, as set forth in General Rule 13 and General Rule 14 of this Tariff, and as such pay a lower Pipeline Capacity Charge than do Firm Sales Service Customers.

Transportation Service Types:

Firm Transportation Service Type. A Customer that selects this Service Type must secure the purchase and delivery of gas supplies from an Authorized Supplier/Agent of Customer's choosing. The Transportation of Customer-Owned Gas supplies is governed by the Terms and Conditions set forth in Schedule T of this Tariff, and the Company's Gas Transportation Operating Policies and Procedures.

Interruptible Transportation Service Type. A Customer that selects this Service Type must secure the purchase and delivery of gas supplies from an Authorized Supplier/Agent of Customer's choosing. The Transportation of Customer-Owned Gas supplies is governed by the Terms and Conditions set forth in Schedule T of this Tariff, and the Company's Gas Transportation Operating Policies and Procedures. Interruptible Transportation Service Customers are subject to Curtailment of Service, as set forth in General Rule 13 and General Rule 14 of this Tariff.

Combination Service Types:

A Combination of Firm Sales Service Type with Interruptible Sales Service Type. A Customer that selects this Service Type must specify the exact daily delivery volumes that are to be billed as Firm Sales Service. Firm Sales Service volumes will be billed at the rates specified for Firm Sales Service, and will always be billed first. The Firm Pipeline Capacity Charge – Peak Demand Option (per therm of MDDV) for payment of Pipeline Capacity Charges will apply for all Firm Sales Service volumes. When all Firm Sales Service volumes have billed, all additional volumes will be billed at the rates specified for Interruptible Sales Service, except that the Company will bill only one Customer Charge for this Service Type. All Interruptible Sales Service volumes will be subject to Curtailment as set forth in General Rule 13 and General Rule 14 of this Tariff.

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RATE SCHEDULE 32
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(continued)

DESCRIPTION OF SERVICE TYPES AND REQUIREMENTS FOR SERVICE (continued):**Combination Service Types (continued):**Combination of Firm Sales Service Type with Interruptible Sales Service Type. (continued)

Under a Priority 4 or 5 Curtailment Order, Customer will be allowed to take their Firm Sales Service up to the Firm Sales MDDV. Amounts in excess of the Firm MDDV may be considered unauthorized and subject to charges under Schedule C. Under a Priority 3 Curtailment Order, the Company may require that the Firm Sales MDDV be prorated on an hourly basis.

Combination of Firm Sales Service Type with Firm Transportation Service Type. A Customer that selects this Service Type must specify the exact daily delivery volume that is to be billed as Firm Sales Service. The Firm Pipeline Capacity Charge – Peak Demand Option (per therm of MDDV) for payment of Pipeline Capacity Charges will apply for all Firm Sales Service volumes. Firm Sales Service volume will be billed at the rates specified for Firm Sales Service, and will always bill first. When all Firm Sales Service volume has billed, all additional volumes will be billed at the rates specified for Firm Transportation Service, except that the Company will bill only one Customer Charge for this Service Type.

Customer must secure the purchase and delivery of gas supplies from an Authorized Supplier/Agent of Customer's choosing for all Firm Transportation Service volumes. The Transportation of Customer-Owned Gas is governed by the Terms and Conditions set forth in Schedule T of this Tariff, and the Company's Gas Transportation Operating Policies and Procedures.

Combination of Firm Sales Service Type with Interruptible Transportation Service Type. A Customer that selects this Service Type must specify the exact daily delivery volume that is to be billed as Firm Sales Service. Firm Sales Service volume will be billed at the rates specified for Firm Sales Service, and will always be billed first. The Firm Pipeline Capacity Charge – Peak Demand Option (per therm of MDDV) for payment of Pipeline Capacity Charges will apply for all Firm Sales Service volume. When all Firm Sales Service volume has billed, all additional volumes will be billed at the rates specified for Interruptible Transportation Service, except that the Company will bill only one Customer Charge for this Service Type. All Interruptible Transportation Service volumes will be subject to Curtailment as set forth in General Rule 13 and General Rule 14 of this Tariff.

Customer must secure the purchase and delivery of gas supplies from an Authorized Supplier/Agent of Customer's choosing for all Interruptible Transportation Service volumes. The Transportation of Customer-Owned Gas is governed by the Terms and Conditions set forth in Schedule T of this Tariff, and the Company's Gas Transportation Operating Policies and Procedures.

Combination of Interruptible Sales Service Type with Interruptible Transportation Service Type. A Customer that selects this Service Type must specify the exact daily delivery volume that is to be billed as Interruptible Sales Service. Interruptible Sales Service volume will be billed at the rates specified for Interruptible Sales Service, and will always be billed first. When all Interruptible Sales Service volume has billed, all additional volumes will be billed at the rates specified for Interruptible Transportation Service, except that the Company will bill only one Customer Charge for this service type. All Interruptible Sales Service and Interruptible Transportation Service Customers are subject to Curtailment of Service, as set forth in General Rule 13 and General Rule 14 of this Tariff, and as such pay a lower Pipeline Capacity Charge than do Firm Sales Service Customers.

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RATE SCHEDULE 32

LARGE VOLUME NON-RESIDENTIAL SALES AND TRANSPORTATION SERVICE

(continued)

DESCRIPTION OF SERVICE TYPES AND REQUIREMENTS FOR SERVICE (continued):

Combination of Interruptible Sales Service Type with Interruptible Transportation Service Type.
(continued)

Customer must secure the purchase and delivery of gas supplies from an Authorized Supplier/Agent of Customer's choosing for all Interruptible Transportation Service volumes. The Transportation of Customer-Owned Gas is governed by the Terms and Conditions set forth in Schedule T of this Tariff, and the Company's Gas Transportation Operating Policies and Procedures.

Combination of Firm Transportation Service Type with Interruptible Transportation Service Type. A Customer that selects this Service Type must specify the exact daily delivery volume that is to be billed as Firm Transportation Service. Firm Transportation Service volume will always be billed first. When all Firm Transportation Service volume has billed, all additional volumes will be billed at the rates specified for Interruptible Transportation Service, except that the Company will bill only one Customer Charge for this service type. All Interruptible Transportation Service volumes will be subject to Curtailment as set forth in General Rule 13 and General Rule 14 of this Tariff.

SPECIAL CONDITIONS FOR COMPRESSED NATURAL GAS ("CNG") SERVICE FOR VEHICULAR USE:

1. A Customer that has CNG fueling equipment installed to compress natural gas for use in a motor vehicle or motorboat is solely responsible for compliance with the laws related to the use of CNG in a motor vehicle or motorboat, including but not limited to payment of any Fuel Use Taxes associated with or related to the use of CNG under this Rate Schedule.
2. When a Customer requests natural gas service to CNG vehicle fueling equipment, the equipment will be separately metered by a meter solely dedicated to the CNG vehicle fueling equipment. If service can be provided from the existing gas line with a second meter set then the Gas metered for vehicle use will be separately stated on the Customer's regular monthly gas bill. A monthly charge as set forth in Schedule C will be assessed for the second meter. Should a Customer connect CNG vehicle fueling equipment and other gas equipment to the same meter without the Company's prior knowledge, the Company will not be responsible for any equipment or other operational problems that may arise from such Customer action. When the Company becomes aware of the combined metering situation, the Company will recommend that a separate meter be installed to the CNG vehicle fueling equipment. The account will be noted as serving CNG vehicle fueling equipment and the conditions of Special Provision 3 will apply. The Customer will be responsible for the identification of any CNG vehicle fueling equipment usage for any tax or other reporting purposes. The Company will make the final determination if installation of a separate meter is required as the result of a safety issue or a requirement such as updates to conditions set forth in **Rule 18** or reporting required of the Company.
3. The Company is not responsible to calculate or report a Customer's Fuel Use Tax obligation. A bill message will be printed on each monthly gas bill where CNG vehicle fueling equipment usage is billed that will: (a) inform the Customer that a Fuel Use Tax obligation may apply, and (b) inform the Customer about where they may find additional information about how to calculate any Fuel Use Tax obligation.

(continue to Sheet 32-10.1)

(K) Material transferred to Original Sheet 32-10.1

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Effective with service on
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RATE SCHEDULE 32
LARGE VOLUME NON-RESIDENTIAL SALES AND TRANSPORTATION SERVICE
(continued)

4. The Company may refuse service to any CNG fueling equipment that does not meet the conditions set forth in **Rule 18** of the Tariff of which this Rate Schedule is a part.

DETERMINATION OF MDDV:

The MDDV is used to calculate the Firm Pipeline Capacity Charge – Peak Demand option applicable to Firm Sales Service under this Rate Schedule. Following establishment of a Customer's Initial MDDV, as set forth in Sections A and B, the Customer's MDDV will be adjusted each as set forth in Section C below:

- A. For a New Customer, the Initial MDDV to be used for billing purposes will equal the "name plate" hourly rating of the equipment to be served, times twelve (12), or an estimated volume acceptable to the Company that is based upon the best information about Customer's planned operations that is known at that time.

(continue to Sheet 32-11)

(M) Material transferred from First Revised Sheet 32-10.

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

DETERMINATION OF MDDV (continued):

- B. For an Existing Customer, the Initial MDDV for billing purposes will be:
- (i) The highest actual MDDV of record for the most recent months January, February, November and December, as determined from AAMR data, if available; or, if not available,
 - (ii) The highest calculated MDDV for each of the most recent months January, February, November and December, calculated by taking the Customer's actual metered usage during the month, divided by the number of days in the Billing Month, the result divided by 0.7.
- C. The Initial MDDV will be used for billing purposes in each Billing Month, up to the first Peak Period month that follows the date that the Initial MDDV was first effective for billing purposes. During the first Peak Period, and for each Peak Period thereafter, the MDDV for billing purposes will be determined as follows:
- (i) For each month of the Peak Period, the MDDV for billing purposes will equal the higher of (a) the Customer's current MDDV or (b) the Customer's actual MDDV of record for that Billing Month, as determined from AAMR data, or from the calculated method described in (B)(ii) above, whichever applies. AAMR data will always be used where an AAMR device is installed and operational.
 - (ii) Effective with the first Billing Month following the end of the Peak Period, the MDDV to be used for billing purposes in each month of the following non-Peak Period (March through October) will be the highest MDDV of record during the last Peak Period.

Peak Period is defined as (a) the most recent consecutive Billing Months November through February for customers billed at month-end; or (b) the most recent consecutive Billing Months November through March for customers billed on any other monthly interval.

Out-of-Cycle Adjustments to MDDV. Upon a Customer's request, and upon a showing to Company's satisfaction that a change in Customer's operations warrants a change to the Customer's MDDV, the Company may adjust Customer's MDDV at any time. Any MDDV change will be effective with the first monthly bill issued following the date that the need for the change is identified. The Company will not be required to adjust any previously issued bills.

Existing AAMR Device. If an AAMR device is installed and operational at the time a Customer initiates service under this Rate Schedule, the AAMR data will be used for calculating a Customer's MDDV for purposes of billing the Pipeline Capacity Charge, even if the AAMR data is not used for other billing purposes.

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.

(continue to Sheet 32-12)

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NORTHWEST NATURAL GAS COMPANY

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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**.

(C)

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)

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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

(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**

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)

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 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

(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 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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