

**NORTHWEST NATURAL GAS COMPANY**

WN U-6 Tenth Revision of Sheet vi  
Cancels Ninth Revision of Sheet vi

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(continued)

Sheet Number

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**NORTHWEST NATURAL GAS COMPANY**

WN U-6 Thirteenth Revision of Sheet vii  
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Sheet Number

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RATE SUMMARY

EFFECTIVE:  
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SUMMARY OF MONTHLY SALES SERVICE BILLING RATES

WASHINGTON

| SCHEDULE 1<br>GENERAL SALES SERVICE  | SCHEDULE 2<br>RESIDENTIAL SALES SERVICE  | SCHEDULE 3<br>BASIC FIRM SALES SERVICE  | SCHEDULE 10<br>SPECIAL METERING EQUIPMENT  |
|--|--|---|--|
| Usage Charges:<br>Customer Charge \$3.47<br>Res'l Usage Charge (per therm): \$1,333.13<br>Com'l Usage Charge (per therm): \$1,322.40<br>Minimum Monthly Bill \$3.47  | Usage Charges:<br>Customer Charge \$7.00<br>Commercial All therms \$1,043.83<br>Industrial All therms \$7.00<br>Minimum Monthly Bill \$7.00  | Usage Charges:<br>Customer Charge \$15.00<br>Commercial All therms \$1,027.16<br>Industrial All therms \$15.00<br>Minimum Monthly Bill \$15.00  | Meter Size:<br>First 150 CF/hr./mo. Capacity \$0.40628<br>Next 800 CF/hr./mo. Capacity \$0.16525<br>All add'l CF/hr./mo. Capacity \$0.24103<br>Minimum Monthly Rental \$0.40628<br>Charge for Meter Reading \$0.36   |
| SCHEDULE 27<br>RESIDENTIAL HEATING DRY-OUT SERVICE<br>Usage Charge:<br>Customer Charge \$6.00<br>Per therm, all therms \$0.87408<br>Minimum Monthly Bill \$6.00  | SCHEDULE 41<br>NON-RESIDENTIAL SALES SERVICE<br>Customer Charge:<br>Volumetric Charges:<br>Commercial Firm Service:<br>1st 2,000 therms: \$250.00<br>All additional therms: \$0.79375<br>Industrial Firm Service:<br>1st 2,000 therms: \$0.75558<br>All additional therms: \$0.76347<br>Plus \$0.74652<br>Pipeline Capacity Charges*:<br>Firm (MDDV): \$1.91<br>Firm (per therm): \$0.12877<br>Commercial Interruptible Service:<br>1st 2,000 therms: \$0.80554<br>All additional therms: \$0.76745<br>Industrial Interruptible Service:<br>1st 2,000 therms: \$0.79297<br>All additional therms: \$0.75937<br>Plus<br>Pipeline Capacity Charge (per therm): \$0.04498<br>Minimum Monthly Bill:<br>Customer Charge, plus Volumetric Charges, plus applicable Pipeline Capacity Charge.   | SCHEDULE 42<br>LARGE VOLUME NON-RESIDENTIAL FIRM SALES SERVICE<br>Customer Charge:<br>Commercial Volumetric Charges:<br>1st 10,000 therms: \$0.60581<br>Next 20,000 therms: \$0.59185<br>Next 20,000 therms: \$0.56407<br>Next 100,000 therms: \$0.54577<br>Next 600,000 therms: \$0.52141<br>All additional therms: \$0.49092<br>Industrial Volumetric Charges:<br>1st 10,000 therms: \$0.59529<br>Next 20,000 therms: \$0.58243<br>Next 20,000 therms: \$0.55684<br>Next 100,000 therms: \$0.54000<br>Next 600,000 therms: \$0.51756<br>All additional therms: \$0.48948<br>Plus<br>Storage Charge (per MDDV): \$0.20415<br>Distribution Capacity Chg. (MDDV): \$0.15748<br>Firm Pipeline Capacity Charges*:<br>Per MDDV: \$1.91<br>Per therm: \$0.12877<br>Minimum Monthly Bill:<br>Customer Charge, plus Volumetric Charges, plus applicable Pipeline Capacity Charge, plus Storage and Distribution Charges. | SCHEDULE 42<br>LARGE VOLUME NON-RESIDENTIAL INTERRUPTIBLE SALES SERVICE<br>Customer Charge:<br>Volumetric Charges: Industrial<br>1st 10,000 therms: \$1,300.00<br>Next 20,000 therms: \$0.60660<br>Next 20,000 therms: \$0.59396<br>Next 20,000 therms: \$0.56853<br>Next 100,000 therms: \$0.55185<br>Next 600,000 therms: \$0.52962<br>All additional therms: \$0.50184<br>Commercial Volumetric Charges:<br>1st 10,000 therms: \$0.61235<br>Next 20,000 therms: \$0.59901<br>Next 20,000 therms: \$0.57246<br>Next 100,000 therms: \$0.55500<br>Next 600,000 therms: \$0.53172<br>All additional therms: \$0.50263<br>Plus<br>Pipeline Capacity Chg. per therm: \$0.04498<br>Plus<br>Storage Charge per MDDV: \$0.10208<br>Minimum Monthly Bill:<br>Customer Charge, plus Volumetric Charges, plus Pipeline Capacity Charge, plus Storage Charge. |
| SCHEDULE 42<br>LARGE VOLUME NON-RESIDENTIAL INTERRUPTIBLE SALES SERVICE<br>Customer Charge:<br>Volumetric Charges: Industrial<br>1st 10,000 therms: \$1,300.00<br>Next 20,000 therms: \$0.60660<br>Next 20,000 therms: \$0.59396<br>Next 20,000 therms: \$0.56853<br>Next 100,000 therms: \$0.55185<br>Next 600,000 therms: \$0.52962<br>All additional therms: \$0.50184<br>Commercial Volumetric Charges:<br>1st 10,000 therms: \$0.61235<br>Next 20,000 therms: \$0.59901<br>Next 20,000 therms: \$0.57246<br>Next 100,000 therms: \$0.55500<br>Next 600,000 therms: \$0.53172<br>All additional therms: \$0.50263<br>Plus<br>Pipeline Capacity Chg. per therm: \$0.04498<br>Plus<br>Storage Charge per MDDV: \$0.10208<br>Minimum Monthly Bill:<br>Customer Charge, plus Volumetric Charges, plus Pipeline Capacity Charge, plus Storage Charge. | SCHEDULE 42<br>LARGE VOLUME NON-RESIDENTIAL INTERRUPTIBLE SALES SERVICE<br>Customer Charge:<br>Volumetric Charges: Industrial<br>1st 10,000 therms: \$1,300.00<br>Next 20,000 therms: \$0.60660<br>Next 20,000 therms: \$0.59396<br>Next 20,000 therms: \$0.56853<br>Next 100,000 therms: \$0.55185<br>Next 600,000 therms: \$0.52962<br>All additional therms: \$0.50184<br>Commercial Volumetric Charges:<br>1st 10,000 therms: \$0.61235<br>Next 20,000 therms: \$0.59901<br>Next 20,000 therms: \$0.57246<br>Next 100,000 therms: \$0.55500<br>Next 600,000 therms: \$0.53172<br>All additional therms: \$0.50263<br>Plus<br>Pipeline Capacity Chg. per therm: \$0.04498<br>Plus<br>Storage Charge per MDDV: \$0.10208<br>Minimum Monthly Bill:<br>Customer Charge, plus Volumetric Charges, plus Pipeline Capacity Charge, plus Storage Charge. | OTHER CHARGES:<br>Telemetry Charge (per month) \$127.00<br>Standard Unauthorized Use: \$2,000th<br>Unauthorized Use - Violation of Curtailment Order \$10,000th   |  |



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**WASHINGTON**

**SUMMARY OF MONTHLY TRANSPORTATION SERVICE BILLING RATES**

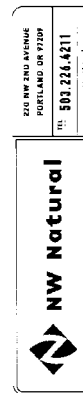
**EFFECTIVE:**

**November 1, 2010**

| SCHEDULE 41<br>NON-RESIDENTIAL<br>TRANSPORTATION SERVICE   | SCHEDULE 42<br>LARGE VOLUME NON-RESIDENTIAL<br>FIRM TRANSPORTATION SERVICE  | SCHEDULE 43<br>HIGH-VOLUME NON-RESIDENTIAL<br>TRANSPORTATION SERVICE  | OTHER CHARGES:  |
|--|---|---|---|
| <b>Customer Charge:</b> \$250.00<br><b>Transportation Charge:</b> \$250.00<br><br><b>Volumetric Charges:</b><br>1st 2,000 therms: \$0.30077<br>All additional therms: \$0.26500<br><br><b>Minimum Monthly Bill:</b> \$500.00 | <b>Customer Charge:</b> \$1,300.00<br><b>Transportation Charge:</b> \$250.00<br><br><b>Volumetric Charges:</b><br>All therms: \$0.11818<br>Next 10,000 therms: \$0.10579<br>Next 20,000 therms: \$0.08112<br>Next 100,000 therms: \$0.06490<br>Next 600,000 therms: \$0.04327<br>All additional therms: \$0.01622<br><br>Firm Distribution Capacity Chg. (MDDV) \$0.15748<br><br><b>Minimum Monthly Bill:</b> \$1,550.00<br>Plus for Firm Service: Distribution Capacity Charge | <b>Customer Charge:</b> \$38,000.00<br><b>Transportation Charge:</b> \$250.00<br><br><b>Volumetric Charges:</b><br>All therms: \$0.00499<br><br>If Firm Service, ADD:<br>Distribution Capacity Chg. (MDDV) \$0.15748<br><br><b>Minimum Monthly Bill:</b> \$38,250.00<br>Plus for Firm Service: Distribution Capacity Charge | Monthly Telemetry Charge: \$127.00<br>Standard Unauthorized Use: \$2.00/therm<br>Unauthorized Use - Violation of Curtailment Order: \$10.00/therm<br>Annual Sales WACOG: \$0.53365<br>Winter Sales WACOG: \$0.53240 |
|  | <b>Customer Charge:</b> \$1,300.00<br><b>Transportation Charge:</b> \$250.00<br><br><b>Volumetric Charges:</b><br>1st 10,000 therms: \$0.11818<br>Next 20,000 therms: \$0.10579<br>Next 100,000 therms: \$0.06490<br>All additional therms: \$0.01622<br><br>Firm Distribution Capacity Chg. (MDDV) \$0.15748<br><br><b>Minimum Monthly Bill:</b> \$1,550.00<br>Plus for Firm Service: Distribution Capacity Charge   | <b>PENALTY CHARGES:</b><br>Balancing Charge (excess over 5%) \$1.00/therm<br>Entitlement Overrun Charges:<br>Excess < threshold + 2% \$0.50/therm<br>Excess > threshold + 2% \$1.00/therm<br>Entitlement Underrun Charges:<br>5% to 10% \$0.50/therm<br>Over 10% \$1.00/therm<br>Underrun not cleared \$1.00/therm          |   |

**RATE SUMMARY**

Page 2



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**NORTHWEST NATURAL GAS COMPANY**

WN U-6

Eighteenth Revision of Sheet 101.1

Cancels Seventeenth Revision of Sheet 101.1

**RATE SCHEDULE 1  
GENERAL SALES SERVICE  
(continued)****AVAILABLE:**

To all Residential and Commercial Customer classes in all territory served by the Company under the Tariff of which this Rate Schedule is a part, except that service under this Rate Schedule is not available for Standby Service to Commercial Customers. Seasonal or temporary Discontinuance 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 E**.

**SERVICE DESCRIPTION:**

Service under this Rate Schedule is Firm Sales Service to gas-fired equipment, including but not limited to one or any multiple or combination of the following:

- (a) Non-ducted space heating equipment, including but not limited to fireplace inserts, free standing gas stoves, and room heaters;
- (b) Supplemental or Standby space heating equipment including but not limited to natural gas back-up to electric heat pumps, used in residential applications;
- (c) Water heating equipment used to serve single-family residential swimming pools, spas, and hot tubs;
- (d) Other equipment including, but not limited to, log lighter, gas log, gas barbecue, tiki torch, Bunsen burner, Domestic cooking equipment, hobby kilns, refrigeration or Domestic clothes drying;
- (e) Equipment installed for use in detached garages, shops, or outbuildings.

**MONTHLY RATE:** Effective: November 1, 2010

(T)

The rates shown in this Rate Schedule may not always reflect actual billing rates. See **SCHEDULE 200** for a list of applicable adjustments. Rates are subject to charges for purchased gas costs and technical rate adjustments.

|                               | Base Rate | Pipeline Capacity Rate | Commodity Rate | Temporary Adjustment | Billing Rate     |
|-------------------------------|-----------|------------------------|----------------|----------------------|------------------|
| Customer Charge               | \$3.47    | ----                   | ----           | ----                 | <b>\$3.47</b>    |
| Volumetric Charge (per therm) |           |                        |                |                      |                  |
| Residential                   | \$0.68290 | \$0.12877              | \$0.53365      | \$(0.01219)          | <b>\$1.33313</b> |
| Commercial                    | \$0.68279 | \$0.12877              | \$0.53365      | \$(0.02281)          | <b>\$1.32240</b> |

(R)  
(R)

Minimum Monthly Bill: Customer Charge, plus charges under **SCHEDULE C** and **SCHEDULE 10** (if applicable)

(continue to Sheet 101.2)

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**NORTHWEST NATURAL GAS COMPANY**

WN U-6

Eighteenth Revision of Sheet 102.1

Cancels Seventeenth Revision of Sheet 102.1

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**RATE SCHEDULE 2  
RESIDENTIAL SALES SERVICE  
(continued)**

**AVAILABLE:**

To Residential Customers, in all territory served by the Company under the Tariff of which this Rate Schedule is a part. Seasonal or temporary Discontinuance 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, are subject to the provisions of **SCHEDULE E**.

**SERVICE DESCRIPTION:**

Service under this Rate Schedule is Firm Sales Service to gas-fired equipment used in Residential dwellings that provide complete family living facilities in which the occupant normally cooks, eats, sleeps, and carries on the household operations incident to Domestic life, for at least one of the following purposes:

- (a) Operation of ducted forced air Natural Gas space heating equipment that is the primary source for space heating requirements, or;
- (b) Operation of fully automatic water heating equipment for primary water heating requirements.

Service under this Rate Schedule includes the use of gas for equipment installed in addition to (a) and (b).

**MONTHLY RATE:**      Effective: November 1, 2010

(T)

The rates shown in this Rate Schedule may not always reflect actual billing rates. See **SCHEDULE 200** for a list of applicable adjustments. Rates are subject to changes for purchased gas costs and technical rate adjustments.

|                               | Base Rate | Pipeline Capacity Rate | Commodity Rate | Temporary Adjustment | Billing Rate  |
|-------------------------------|-----------|------------------------|----------------|----------------------|---------------|
| Customer Charge:              | \$7.00    | ---                    | ---            | ---                  | <b>\$7.00</b> |
| Volumetric Charge (per therm) | \$0.41359 | \$0.12877              | \$0.53365      | \$(0.03218)          | \$1.04383     |

(R)

Minimum Monthly Bill: Customer Charge, plus charges under **SCHEDULE C** and **SCHEDULE 10** (if applicable)

(continue to Sheet 102.2)

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**NORTHWEST NATURAL GAS COMPANY**

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Seventh Revision of Sheet 103.3

Cancels Sixth Revision of Sheet 103.3

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

**MONTHLY RATE:** Effective: November 1, 2010

(T)

The rates shown in this Rate Schedule may not always reflect actual billing rates. See **SCHEDULE 200** for a list of applicable adjustments. Rates are subject to changes for purchased gas costs and technical rate adjustments.

| <b>FIRM SALES SERVICE CHARGES (03 SF):</b>     |           |  |                   |                         |                      | <b>Billing Rates<br/>[1]</b> |
|--|-----------|--|-------------------|-------------------------|----------------------|------------------------------|
| <b>Customer Charge (per month):</b>            |           |  |                   |                         |                      | <b>\$15.00</b>               |
|  | Base Rate |  | Pipeline Capacity | Commodity Component [2] | Temporary Adjustment |                              |
| Volumetric Charges (per therm):                |           |  |                   |                         |                      |                              |
| Commercial                                     | \$0.41773 |  | \$0.12877         | \$0.53365               | \$(0.03524)          | <b>\$1.04491</b>             |
| Industrial                                     | \$0.41770 |  | \$0.12877         | \$0.53365               | \$(0.05296)          | <b>\$1.02716</b>             |
| <b>Standby Charge (per therm of MHDV) [3]:</b> |           |  |                   |                         |                      | <b>\$5.00</b>                |
|  |           |  |                   |                         |                      |                              |

(R)

(R)

[1] **SCHEDULE C** and **SCHEDULE 10** Charges shall apply, if applicable.

[2] The Commodity Component will be either Annual Sales WACOG or Monthly Incremental Cost of Gas.

[3] Applies to Standby Sales Service only.

**Minimum Monthly Bill.** The Minimum Monthly Bill shall be any **SCHEDULE C** and **SCHEDULE 10** Charges, plus:

(a) **Firm Sales Service.** Customer Charge

(b) **Firm Sales Standby Service.** Customer Charge, plus Standby Service Charge

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**NORTHWEST NATURAL GAS COMPANY**

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Nineteenth Revision of Sheet 127.1

Cancels Eighteenth Revision of Sheet 127.1

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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 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 more 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 1** or **SCHEDULE 2**, whichever is applicable.

**MONTHLY RATE:** Effective: November 1, 2010

(T)

The rates shown in this Rate Schedule may not always reflect actual billing rates. See **SCHEDULE 200** for a list of applicable adjustments. Rates are subject to charges for purchased gas costs and technical rate adjustments.

|                               | Base Rate | Pipeline Capacity Rate | Commodity Rate | Temporary Adjustment | Billing Rate     |
|-------------------------------|-----------|------------------------|----------------|----------------------|------------------|
| Customer Charge:              |           |                        |                |                      | <b>\$6.00</b>    |
| Volumetric Charge (per therm) |           |                        |                |                      |                  |
| All therms                    | \$0.25354 | \$0.12877              | \$0.53365      | (0.04188)            | <b>\$0.87408</b> |

(R)

Minimum Monthly Bill: Customer Charge, plus charges under **SCHEDULE C** and **SCHEDULE 10** (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 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 141.9

Cancels Fourth Revision of Sheet 141.9

**RATE SCHEDULE 41**  
**NON-RESIDENTIAL SALES AND TRANSPORTATION SERVICE**  
(continued)

**MONTHLY RATES FOR COMMERCIAL CUSTOMER CLASS:**

Effective: November 1, 2010

(T)

The rates shown in this Rate Schedule may not always reflect actual billing rates. **SEE SCHEDULE 200** for a list of applicable adjustments. Rates are subject to changes for purchased gas costs and technical rate adjustments.

| <b>FIRM SALES SERVICE CHARGES (C41SF) [1]:</b>                          |           |  |                          |                                 | Billing Rates   |
|---|-----------|--|--------------------------|---------------------------------|-----------------|
| Customer Charge (per month):  |           |  |                          |                                 | <b>\$250.00</b> |
| Volumetric Charges (per therm)  | Base Rate |  | Commodity Component [2]  | Total Temporary Adjustments [3] |                 |
| Block 1: 1 <sup>st</sup> 2,000 therms                                   | \$0.30098 |  | \$0.53365                | (0.04088)                       | \$0.79375 (R)   |
| Block 2: All additional therms  | \$0.26520 |  | \$0.53365                | (0.04327)                       | \$0.75558 (R)   |
| <b>Pipeline Capacity Charge Options (select one):</b>                   |           |  |                          |                                 |                 |
| Firm Pipeline Capacity Charge - Volumetric option (per therm):          |           |  |                          |                                 | \$0.12877 (I)   |
| Firm Pipeline Capacity Charge - Peak Demand option (per therm of MDDV): |           |  |                          |                                 | \$1.91 (I)      |
| <b>INTERRUPTIBLE SALES SERVICE CHARGES (C41SI) [1]:</b>                 |           |  |                          |                                 |                 |
| Customer Charge (per month):  |           |  |                          |                                 | <b>\$250.00</b> |
| Volumetric Charges (per therm)  | Base Rate |  | Commodity Component: [2] | Total Temporary Adjustments [3] |                 |
| Block 1: 1 <sup>st</sup> 2,000 therms                                   | \$0.30077 |  | \$0.53365                | (\$0.02888)                     | \$0.80554 (R)   |
| Block 2: All additional therms  | \$0.26500 |  | \$0.53365                | (\$0.03120)                     | \$0.76745 (R)   |
| Plus: Interruptible Pipeline Capacity Charge - Volumetric (per therm):  |           |  |                          |                                 | \$0.04498 (I)   |
| <b>FIRM TRANSPORTATION SERVICE CHARGES (C41TF):</b>                     |           |  |                          |                                 |                 |
| Customer Charge (per month):  |           |  |                          |                                 | <b>\$250.00</b> |
| Transportation Charge (per month):                                      |           |  |                          |                                 | <b>\$250.00</b> |
| Volumetric Charges (per therm)  | Base Rate |  |                          | Total Temporary Adjustments [4] |                 |
| Block 1: 1 <sup>st</sup> 2,000 therms                                   | \$0.30077 |  |                          | 0.00000                         | \$0.30077       |
| Block 2: All additional therms  | \$0.26500 |  |                          | 0.00000                         | \$0.26500       |

[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 10.

[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 201 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 201 may also apply.

(continue to Sheet 141.10)

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**NORTHWEST NATURAL GAS COMPANY**

WN U-6

Original Sheet 141.10

**RATE SCHEDULE 41**  
**NON-RESIDENTIAL SALES AND TRANSPORTATION SERVICE**  
 (continued)

**MONTHLY RATES FOR INDUSTRIAL CUSTOMER CLASS:**

Effective: November 1, 2010

The rates shown in this Rate Schedule may not always reflect actual billing rates. **SEE SCHEDULE 200** for a list of applicable adjustments. Rates are subject to changes for purchased gas costs and technical rate adjustments.

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| <b>FIRM SALES SERVICE CHARGES (I41SF) [1]:</b>                          |           |  |                         |                                 | Billing Rates   |
|---|-----------|--|-------------------------|---------------------------------|-----------------|
| Customer Charge (per month):  |           |  |                         |                                 | <b>\$250.00</b> |
| Volumetric Charges (per therm)  | Base Rate |  | Commodity Component [2] | Total Temporary Adjustments [3] |                 |
| Block 1: 1 <sup>st</sup> 2,000 therms                                   | \$0.30098 |  | \$0.53365               | (0.05116)                       | \$0.78347       |
| Block 2: All additional therms  | \$0.26520 |  | \$0.53365               | (0.05233)                       | \$0.74652       |
| <b>Pipeline Capacity Charge Options (select one):</b>                   |           |  |                         |                                 |                 |
| Firm Pipeline Capacity Charge - Volumetric option (per therm):          |           |  |                         |                                 | \$0.12877       |
| Firm Pipeline Capacity Charge - Peak Demand option (per therm of MDDV): |           |  |                         |                                 | \$1.91          |
| <b>INTERRUPTIBLE SALES SERVICE CHARGES (I41SI) [1]:</b>                 |           |  |                         |                                 |                 |
| Customer Charge (per month):  |           |  |                         |                                 | <b>\$250.00</b> |
| Volumetric Charges (per therm)  | Base Rate |  | Commodity Component [2] | Total Temporary Adjustments [3] |                 |
| Block 1: 1 <sup>st</sup> 2,000 therms                                   | \$0.30077 |  | \$0.53365               | (0.04145)                       | \$0.79297       |
| Block 2: All additional therms  | \$0.26500 |  | \$0.53365               | (0.04228)                       | \$0.75637       |
| Plus: Interruptible Pipeline Capacity Charge - Volumetric (per therm):  |           |  |                         |                                 | \$0.04498       |
| <b>FIRM TRANSPORTATION SERVICE CHARGES (I41TF):</b>                     |           |  |                         |                                 |                 |
| Customer Charge (per month):  |           |  |                         |                                 | <b>\$250.00</b> |
| Transportation Charge (per month):                                      |           |  |                         |                                 | <b>\$250.00</b> |
| Volumetric Charges (per therm)  | Base Rate |  |                         | Total Temporary Adjustments [4] |                 |
| Block 1: 1 <sup>st</sup> 2,000 therms                                   | \$0.30077 |  |                         | 0.00000                         | \$0.30077       |
| Block 2: All additional therms  | \$0.26500 |  |                         | 0.00000                         | \$0.26500       |

[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 10.

[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 201 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 201 may also apply.)

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**NORTHWEST NATURAL GAS COMPANY**

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Sixth Revision of Sheet 142.10

Cancels Fifth Revision of Sheet 142.10

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**RATE SCHEDULE 42**  
**LARGE VOLUME NON-RESIDENTIAL SALES AND TRANSPORTATION SERVICE**  
(continued)

**MONTHLY SALES RATES - FIRM SERVICE:**

Effective: November 1, 2010

(T)

The rates shown in this Rate Schedule may not always reflect actual billing rates. See **SCHEDULE 200** for a list of applicable adjustments. Rates are subject to changes for purchased gas costs and technical rate adjustments.

| <b>FIRM SALES SERVICE CHARGES [1]:</b>  |           |                         |                                 |                   |
|---|-----------|-------------------------|---------------------------------|-------------------|
| Customer Charge (per month, all service types):                                   |           |                         |                                 | <b>\$1,300.00</b> |
|   | Base Rate | Commodity Component [2] | Total Temporary Adjustments [3] | Billing Rates     |
| <b>42 CSF Volumetric Charges (per therm):</b>                                     |           |                         |                                 |                   |
| Block 1: 1 <sup>st</sup> 10,000 therms  | \$0.11832 | \$0.53365               | (0.04616)                       | \$0.60581         |
| Block 2: Next 20,000 therms   | \$0.10592 | \$0.53365               | (0.04772)                       | \$0.59185         |
| Block 3: Next 20,000 therms   | \$0.08123 | \$0.53365               | (0.05081)                       | \$0.56407         |
| Block 4: Next 100,000 therms  | \$0.06498 | \$0.53365               | (0.05286)                       | \$0.54577         |
| Block 5: Next 600,000 therms  | \$0.04332 | \$0.53365               | (0.05556)                       | \$0.52141         |
| Block 6: All additional therms  | \$0.01624 | \$0.53365               | (0.05897)                       | \$0.49092         |
| <b>42 ISF Volumetric Charges (per therm):</b>                                     |           |                         |                                 |                   |
| Block 1: 1 <sup>st</sup> 10,000 therms  | \$0.11833 | \$0.53365               | (0.05669)                       | \$0.59529         |
| Block 2: Next 20,000 therms   | \$0.10592 | \$0.53365               | (0.05714)                       | \$0.58243         |
| Block 3: Next 20,000 therms   | \$0.08123 | \$0.53365               | (0.05804)                       | \$0.55684         |
| Block 4: Next 100,000 therms  | \$0.06498 | \$0.53365               | (0.05863)                       | \$0.54000         |
| Block 5: Next 600,000 therms  | \$0.04333 | \$0.53365               | (0.05942)                       | \$0.51756         |
| Block 6: All additional therms  | \$0.01624 | \$0.53365               | (0.06041)                       | \$0.48948         |
| 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>\$0.12877</b>  |
| Firm Pipeline Capacity Charge - Peak Demand option (per therm of MDDV per month): |           |                         |                                 | <b>\$1.91</b>     |

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- [1] For Firm Sales Service, the Monthly Bill shall equal the sum of the Customer Charge, plus the Volumetric Charges, plus the Distribution Capacity Charge, plus the Storage Capacity Charge, plus the Pipeline Capacity Charge selected by the Customer, plus any other charges that may apply from Schedule C or Schedule 10.
- [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 201 may not apply.

(continue to Sheet 142.10.1)

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**NORTHWEST NATURAL GAS COMPANY**

WN U-6

Original Sheet 142.10.1

**RATE SCHEDULE 42****LARGE VOLUME NON-RESIDENTIAL SALES AND TRANSPORTATION SERVICE**  
(continued)**MONTHLY SALES RATES – INTERRUPTIBLE SERVICE:**

Effective: November 1, 2010

The rates shown in this Rate Schedule may not always reflect actual billing rates. See **SCHEDULE 200** for a list of applicable adjustments. Rates are subject to changes for purchased gas costs and technical rate adjustments.

| <b>INTERRUPTIBLE SALES SERVICE CHARGES [4]: (C42SI)</b>                  |           |  |                         |                                 |                      |
|--|-----------|--|-------------------------|---------------------------------|----------------------|
| Customer Charge (per month):   |           |  |                         |                                 | <b>\$1,300.00</b>    |
|  | Base Rate |  | Commodity Component [2] | Total Temporary Adjustments [3] | <b>Billing Rates</b> |
| Volumetric Charges (per therm):  |           |  |                         |                                 |                      |
| Block 1: 1 <sup>st</sup> 10,000 therms                                   | \$0.11828 |  | \$0.53365               | \$(0.03958)                     | <b>\$0.61235</b>     |
| Block 2: Next 20,000 therms  | \$0.10587 |  | \$0.53365               | \$(0.04051)                     | <b>\$0.59901</b>     |
| Block 3: Next 20,000 therms  | \$0.08119 |  | \$0.53365               | \$(0.04238)                     | <b>\$0.57246</b>     |
| Block 4: Next 100,000 therms   | \$0.06495 |  | \$0.53365               | \$(0.04360)                     | <b>\$0.55500</b>     |
| Block 5: Next 600,000 therms   | \$0.04330 |  | \$0.53365               | \$(0.04523)                     | <b>\$0.53172</b>     |
| Block 6: All additional therms   | \$0.01624 |  | \$0.53365               | \$(0.04726)                     | <b>\$0.50263</b>     |
| Interruptible Pipeline Capacity Charge (per therm):                      |           |  |                         |                                 | <b>\$0.15748</b>     |
| Interruptible Sales Service Storage Charge (per therm of MDDV per month) |           |  |                         |                                 | <b>\$0.10208</b>     |
| <b>INTERRUPTIBLE SALES SERVICE CHARGES [4]: (I42SI)</b>                  |           |  |                         |                                 |                      |
| Customer Charge (per month):   |           |  |                         |                                 | <b>\$1,300.00</b>    |
| Transportation Charge (per month):                                       |           |  |                         |                                 | <b>\$250.00</b>      |
| Volumetric Charges (per therm)   |           |  |                         |                                 |                      |
| Block 1: 1 <sup>st</sup> 10,000 therms                                   | \$0.11828 |  | \$0.53365               | \$(0.04533)                     | <b>\$0.60660</b>     |
| Block 2: Next 20,000 therms  | \$0.10587 |  | \$0.53365               | \$(0.04566)                     | <b>\$0.59386</b>     |
| Block 3: Next 20,000 therms  | \$0.08119 |  | \$0.53365               | \$(0.04631)                     | <b>\$0.56853</b>     |
| Block 4: Next 100,000 therms   | \$0.06495 |  | \$0.53365               | \$(0.04675)                     | <b>\$0.55185</b>     |
| Block 5: Next 600,000 therms   | \$0.04330 |  | \$0.53365               | \$(0.04733)                     | <b>\$0.52962</b>     |
| Block 6: All additional therms   | \$0.01624 |  | \$0.53365               | \$(0.04805)                     | <b>\$0.50184</b>     |
| Interruptible Pipeline Capacity Charge (per therm):                      |           |  |                         |                                 | <b>\$0.15748</b>     |
| Interruptible Sales Service Storage Charge (per therm of MDDV per month) |           |  |                         |                                 | <b>\$0.10208</b>     |

[2] Where applicable, as set forth in this rate schedule, the Account 191 portion of the Sales Service Temporary Adjustments as set forth in Schedule 201 may also apply.

[3] Where applicable, as set forth in this rate schedule, the Account 191 portion of the Temporary Adjustments as set forth in Schedule 201 may not apply.

[4] For Interruptible Sales Service, the Monthly Bill shall equal the sum of the Customer Charge, plus the Volumetric Charges, plus the Pipeline Capacity Charge, plus any other charges that apply from Schedule C or Schedule 10.

(continue to Sheet 142.11)

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

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**NORTHWEST NATURAL GAS COMPANY**

WN U-6

Fifth Revision of Sheet 142.11

Cancels Fourth Revision of Sheet 142.11

**RATE SCHEDULE 42**  
**LARGE VOLUME NON-RESIDENTIAL SALES AND TRANSPORTATION SERVICE**  
(continued)

**MONTHLY TRANSPORTATION RATES:**

Effective: November 1, 2010

(T)

The rates shown in this Rate Schedule may not always reflect actual billing rates. See **SCHEDULE 200** for a list of applicable adjustments. Rates are subject to changes for purchased gas costs and technical rate adjustments.

| <b>FIRM TRANSPORTATION SERVICE CHARGES (I42TF and C42TF) [1]:</b>          |           |  |  |                                 | <b>Billing Rates</b> |
|--|-----------|--|--|---------------------------------|----------------------|
| Customer Charge (per month):   |           |  |  |                                 | <b>\$1,300.00</b>    |
| Transportation Charge (per month):   |           |  |  |                                 | <b>\$250.00</b>      |
| Volumetric Charges (per therm)   | Base Rate |  |  | Total Temporary Adjustments [2] |                      |
| Block 1: 1 <sup>st</sup> 10,000 therms                                     | \$0.11818 |  |  | 0.00000                         | \$0.11818            |
| Block 2: Next 20,000 therms  | \$0.10579 |  |  | 0.00000                         | \$0.10579            |
| Block 3: Next 20,000 therms  | \$0.08112 |  |  | 0.00000                         | \$0.08112            |
| Block 4: Next 100,000 therms   | \$0.06490 |  |  | 0.00000                         | \$0.06490            |
| Block 5: Next 600,000 therms   | \$0.04327 |  |  | 0.00000                         | \$0.04327            |
| Block 6: All additional therms   | \$0.01622 |  |  | 0.00000                         | \$0.01622            |
| Firm Service Distribution Capacity Charge (per therm of MDDV per month):   |           |  |  |                                 | <b>\$0.15748</b>     |
| <b>INTERRUPTIBLE TRANSPORTATION SERVICE CHARGES (I42TI and C42TI) [3]:</b> |           |  |  |                                 |                      |
| Customer Charge (per month):   |           |  |  |                                 | <b>\$1,300.00</b>    |
| Transportation Charge (per month):   |           |  |  |                                 | <b>\$250.00</b>      |
| Volumetric Charges (per therm)   | Base Rate |  |  | Temporary Adjustments [2]       |                      |
| Block 1: 1 <sup>st</sup> 10,000 therms                                     | \$0.11818 |  |  | 0.00000                         | \$0.11818            |
| Block 2: Next 20,000 therms  | \$0.10579 |  |  | 0.00000                         | \$0.10579            |
| Block 3: Next 20,000 therms  | \$0.08112 |  |  | 0.00000                         | \$0.08112            |
| Block 4: Next 100,000 therms   | \$0.06490 |  |  | 0.00000                         | \$0.06490            |
| Block 5: Next 600,000 therms   | \$0.04327 |  |  | 0.00000                         | \$0.04327            |
| Block 6: All additional therms   | \$0.01622 |  |  | 0.00000                         | \$0.01622            |

[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 10.

[2] Where applicable, as set forth in this rate schedule, the Account 191 portion of the Sales Service Temporary Adjustments as set forth in Schedule 201 may also 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 10.

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**NORTHWEST NATURAL GAS COMPANY**

WN U-6

Fifth Revision of Sheet 143.6

Cancels Fourth Revision of Sheet 143.6

RATE SCHEDULE 43  
HIGH VOLUME NON-RESIDENTIAL  
FIRM AND INTERRUPTIBLE TRANSPORTATION SERVICE  
(continued)

**MONTHLY RATE:**

Effective November 1, 2010

(T)

The rates shown below may not always reflect actual billing rates. See **Schedule 200** for a list of applicable adjustments. Rates are subject to changes for purchased gas costs and technical rate adjustments.

| <b>FIRM TRANSPORTATION SERVICE CHARGES (C43TF and I43TF)</b>  |  |           |                                | <b>Billing Rates</b> |
|---|--|-----------|--------------------------------|----------------------|
| Customer Charge:  |  |           |                                | <b>\$38,000.00</b>   |
| Transportation Charge:  |  |           |                                | <b>\$250.00</b>      |
| Volumetric Charge   |  | Base Rate | Total Temporary Adjustment [1] |                      |
| Per therm, all therms   |  | \$0.00499 | 0.00000                        | <b>\$0.00499</b>     |
| Firm Service Distribution Capacity Charge: Per therm of MDDV per month  |  |           |                                | <b>\$0.15748</b>     |
| <b>Minimum Monthly Bill:</b> Customer Charge, plus Transportation Charge, plus Firm Service Distribution Capacity Charge, plus any other charges that may apply from <b>SCHEDULE C</b> and <b>SCHEDULE 10</b> . |  |           |                                |                      |

| <b>INTERRUPTIBLE TRANSPORTATION SERVICE CHARGES (C43TI and I43TI)</b>   |  |           |                                | <b>Billing Rates</b> |
|---|--|-----------|--------------------------------|----------------------|
| Customer Charge:  |  |           |                                | <b>\$38,000.00</b>   |
| Transportation Charge:  |  |           |                                | <b>\$250.00</b>      |
| Volumetric Charge:  |  | Base Rate | Total Temporary Adjustment [1] |                      |
| Per therm, all therms   |  | \$0.00499 | 0.00000                        | <b>\$0.00499</b>     |
| <b>Minimum Monthly Bill:</b> Customer Charge, plus Transportation Charge, plus any other charges that may apply from <b>SCHEDULE C</b> and <b>SCHEDULE 10</b> . |  |           |                                |                      |

[1] Where applicable, as set forth in this rate schedule, the Account 191 portion of the Temporary Adjustments as set forth in Schedule 201 shall apply.

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## NORTHWEST NATURAL GAS COMPANY

WN U-6

Sixteenth Revision of Sheet 201.1

Cancels Fifteenth Revision of Sheet 201.1

**SCHEDULE 201  
TEMPORARY (TECHNICAL) ADJUSTMENTS TO RATES**

**PURPOSE:** To identify adjustments to rates in the Rate Schedules listed below that relate to the amortization of balances in all of the Company's conventional deferred revenue and gas cost accounts, Accounts 186 and 191 respectively. Account 186 Adjustments reflect the net effect of adjustments related to Schedules 210, 215, and 230 of this Tariff.

**APPLICABLE:** To the following Rate Schedules of this Tariff:

|            |                   |                   |
|------------|-------------------|-------------------|
| Schedule 1 | Schedule 27       | Schedule 43 (all) |
| Schedule 2 | Schedule 41 (all) |                   |
| Schedule 3 | Schedule 42 (all) |                   |

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**APPLICATION TO RATE SCHEDULES:**

Effective: November 1, 2010

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The Total Temporary Adjustment amount shown below is included in the Temporary Adjustments reflected in the listed Rate Schedules. NO ADDITIONAL ADJUSTMENT TO RATES IS REQUIRED.

| Schedule | Block   | Account 191<br>Commodity<br>Adjustment | Account 191<br>Pipeline<br>Capacity<br>Adjustment | Account 186<br>Net<br>Adjustments | Total<br>Temporary<br>Adjustment |
|----------|---------|--|---|-----------------------------------|----------------------------------|
| 1R       |         | \$(0.03880)                            | \$(0.02220)                                       | \$0.04881                         | \$(0.01219)                      |
| 1C       |         | \$(0.03880)                            | \$(0.02220)                                       | \$0.03819                         | \$(0.02281)                      |
| 2        |         | \$(0.03880)                            | \$(0.02220)                                       | \$0.02882                         | \$(0.03218)                      |
| 03 CSF   |         | \$(0.03880)                            | \$(0.02220)                                       | \$0.02576                         | \$(0.03524)                      |
| 03 ISF   |         | \$(0.03880)                            | \$(0.02220)                                       | \$0.00804                         | \$(0.05296)                      |
| 27       |         | \$(0.03880)                            | \$(0.02220)                                       | \$0.01912                         | \$(0.04188)                      |
| 41CSF    | Block 1 | \$(0.03880)                            | \$(0.02220)                                       | \$0.02012                         | \$(0.04088)                      |
|          | Block 2 | \$(0.03880)                            | \$(0.02220)                                       | \$0.01773                         | \$(0.04327)                      |
| 41CSI    | Block 1 | \$(0.03880)                            | \$(0.00968)                                       | \$0.01960                         | \$(0.02888)                      |
|          | Block 2 | \$(0.03880)                            | \$(0.00968)                                       | \$0.01728                         | \$(0.03120)                      |
| 41TF     | Block 1 | N/A                                    | N/A   | \$0.00000                         | \$0.00000                        |
|          | Block 2 | N/A                                    | N/A   | \$0.00000                         | \$0.00000                        |
| 41ISF    | Block 1 | \$(0.03880)                            | \$(0.02220)                                       | \$0.00984                         | \$(0.05116)                      |
|          | Block 2 | \$(0.03880)                            | \$(0.02220)                                       | \$0.00867                         | \$(0.05233)                      |
| 41ISI    | Block 1 | \$(0.03880)                            | \$(0.00968)                                       | \$0.00703                         | \$(0.04145)                      |
|          | Block 2 | \$(0.03880)                            | \$(0.00968)                                       | \$0.00620                         | \$(0.04228)                      |
| 42 CSF   | Block 1 | \$(0.03880)                            | \$(0.02220)                                       | \$0.01484                         | \$(0.04616)                      |
|          | Block 2 | \$(0.03880)                            | \$(0.02220)                                       | \$0.01328                         | \$(0.04772)                      |
|          | Block 3 | \$(0.03880)                            | \$(0.02220)                                       | \$0.01019                         | \$(0.05081)                      |
|          | Block 4 | \$(0.03880)                            | \$(0.02220)                                       | \$0.00814                         | \$(0.05286)                      |
|          | Block 5 | \$(0.03880)                            | \$(0.02220)                                       | \$0.00544                         | \$(0.05556)                      |
|          | Block 6 | \$(0.03880)                            | \$(0.02220)                                       | \$0.00203                         | \$(0.05897)                      |

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(continue to Sheet 201.2)

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

## NORTHWEST NATURAL GAS COMPANY

WN U-6

Seventh Revision of Sheet 201.2

Cancels Sixth Revision of Sheet 201.2

SCHEDULE 201  
TEMPORARY (TECHNICAL) ADJUSTMENTS TO RATES  
(continued)

**APPLICATION TO RATE SCHEDULES (continued):**

Effective: November 1, 2010

(T)

| Schedule | Block   | Account 191<br>Commodity<br>Adjustment | Account 191<br>Pipeline<br>Capacity<br>Adjustment | Account 186<br>Net<br>Adjustments | Total<br>Temporary<br>Adjustment |
|----------|---------|--|---|-----------------------------------|----------------------------------|
| 42 ISF   | Block 1 | \$(0.03880)                            | \$(0.02220)                                       | \$0.00431                         | <b>\$(0.05669)</b>               |
|          | Block 2 | \$(0.03880)                            | \$(0.02220)                                       | \$0.00386                         | <b>\$(0.05714)</b>               |
|          | Block 3 | \$(0.03880)                            | \$(0.02220)                                       | \$0.00296                         | <b>\$(0.05804)</b>               |
|          | Block 4 | \$(0.03880)                            | \$(0.02220)                                       | \$0.00237                         | <b>\$(0.05863)</b>               |
|          | Block 5 | \$(0.03880)                            | \$(0.02220)                                       | \$0.00158                         | <b>\$(0.05942)</b>               |
|          | Block 6 | \$(0.03880)                            | \$(0.02220)                                       | \$0.00059                         | <b>\$(0.06041)</b>               |
| 42 TF    | Block 1 | N/A                                    | N/A   | \$0.00000                         | <b>\$0.00000</b>                 |
|          | Block 2 | N/A                                    | N/A   | \$0.00000                         | <b>\$0.00000</b>                 |
|          | Block 3 | N/A                                    | N/A   | \$0.00000                         | <b>\$0.00000</b>                 |
|          | Block 4 | N/A                                    | N/A   | \$0.00000                         | <b>\$0.00000</b>                 |
|          | Block 5 | N/A                                    | N/A   | \$0.00000                         | <b>\$0.00000</b>                 |
|          | Block 6 | N/A                                    | N/A   | \$0.00000                         | <b>\$0.00000</b>                 |
| 42 CSI   | Block 1 | \$(0.03880)                            | \$(0.00968)                                       | \$0.00890                         | <b>\$(0.03958)</b>               |
|          | Block 2 | \$(0.03880)                            | \$(0.00968)                                       | \$0.00797                         | <b>\$(0.04051)</b>               |
|          | Block 3 | \$(0.03880)                            | \$(0.00968)                                       | \$0.00610                         | <b>\$(0.04238)</b>               |
|          | Block 4 | \$(0.03880)                            | \$(0.00968)                                       | \$0.00488                         | <b>\$(0.04360)</b>               |
|          | Block 5 | \$(0.03880)                            | \$(0.00968)                                       | \$0.00325                         | <b>\$(0.04523)</b>               |
|          | Block 6 | \$(0.03880)                            | \$(0.00968)                                       | \$0.00122                         | <b>\$(0.04726)</b>               |
| 42 ISI   | Block 1 | \$(0.03880)                            | \$(0.00968)                                       | \$0.00315                         | <b>\$(0.04533)</b>               |
|          | Block 2 | \$(0.03880)                            | \$(0.00968)                                       | \$0.00282                         | <b>\$(0.04566)</b>               |
|          | Block 3 | \$(0.03880)                            | \$(0.00968)                                       | \$0.00217                         | <b>\$(0.04631)</b>               |
|          | Block 4 | \$(0.03880)                            | \$(0.00968)                                       | \$0.00173                         | <b>\$(0.04675)</b>               |
|          | Block 5 | \$(0.03880)                            | \$(0.00968)                                       | \$0.00115                         | <b>\$(0.04733)</b>               |
|          | Block 6 | \$(0.03880)                            | \$(0.00968)                                       | \$0.00043                         | <b>\$(0.04805)</b>               |
| 42 TI    | Block 1 | N/A                                    | N/A   | \$0.00000                         | <b>\$0.00000</b>                 |
|          | Block 2 | N/A                                    | N/A   | \$0.00000                         | <b>\$0.00000</b>                 |
|          | Block 3 | N/A                                    | N/A   | \$0.00000                         | <b>\$0.00000</b>                 |
|          | Block 4 | N/A                                    | N/A   | \$0.00000                         | <b>\$0.00000</b>                 |
|          | Block 5 | N/A                                    | N/A   | \$0.00000                         | <b>\$0.00000</b>                 |
|          | Block 6 | N/A                                    | N/A   | \$0.00000                         | <b>\$0.00000</b>                 |
| 43 TF/TI |         | N/A                                    | N/A   | \$0.00000                         | <b>\$0.00000</b>                 |

(C)

(C)

**GENERAL TERMS:**

This schedule is governed by the terms of this Schedule, the General Rules and Regulations contained in this Tariff and by all rules and regulations prescribed by regulatory authorities, as amended from time to time.

Issued October 13, 2010  
NWN Advice No. WUTC 10-8A

Effective with service on  
and after November 1, 2010



## NORTHWEST NATURAL GAS COMPANY

WN U-6

Eighteenth Revision of Sheet 203.1

Cancels Seventeenth Revision of Sheet 203.1

## SCHEDULE 203

## PURCHASED GAS COST ADJUSTMENTS TO RATES

**PURPOSE:**

To (a) identify the Commodity and Pipeline Capacity Components applicable to the Rate Schedules listed below; and (b) to identify any changes to such components due to changes in the cost of Pipeline capacity and the cost of gas purchased from the Company's suppliers that apply to the Rate Schedules listed below. See SCHEDULE P.

**APPLICABLE:**

|            |               |               |     |
|------------|---------------|---------------|-----|
| Schedule 1 | Schedule 27   | Schedule 41SI | (T) |
| Schedule 2 | Schedule 41SF | Schedule 42SI |     |
| Schedule 3 | Schedule 42SF |               |     |

**APPLICATION TO RATE SCHEDULES:**

Effective: November 1, 2010

(T)

|   |           |     |
|---|-----------|-----|
| Annual Sales WACOG [1]                                      | \$0.53365 | (R) |
| Winter Sales WACOG [2]                                      | \$0.53240 | (R) |
| Firm Sales Service Pipeline Capacity Component [3]          | \$0.12877 | (I) |
| Firm Sales Service Pipeline Capacity Component [4]          | \$1.91    | (I) |
| Interruptible Sales Service Pipeline Capacity Component [5] | \$0.04498 | (I) |

- [1] Applies to all Sales Service Rate Schedules (per therm) except where Winter Sales WACOG or Monthly Incremental Cost of Gas applies.
- [2] Applies to Sales Customers that request Winter Sales WACOG at the September 15 Annual Service Election.
- [3] Applies to Rate Schedules 1, 2, 3, 27 and Schedule 41 and Schedule 42 Firm Sales Service Volumetric Pipeline Capacity option (per therm). (T)
- [4] Applies to Schedules 41 and 42 Firm Sales Service Peak Demand Pipeline Capacity option (per therm of MDDV per month).
- [5] Applies to Schedule 41 and Schedule 42 Interruptible Sales Service (per therm).

The above listed components shall be further adjusted as follows:

| Commodity Component | Firm Pipeline Capacity Component |
|---------------------|----------------------------------|
| \$0.00000           | \$0.00000                        |

**GENERAL TERMS:**

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**NORTHWEST NATURAL GAS COMPANY**

WN U-6

Second Revision of Sheet 210.1

Cancels First Revision of Sheet 210.1

**SCHEDULE 210  
ADJUSTMENT TO RATES FOR PROPERTY SALES****APPLICABLE:**

To Customers throughout the Company's service territory in Washington that take service under the Rate Schedules listed herein.

**PURPOSE:**

To identify one-year adjustments to rates in the Rate Schedules listed below for the amortization, with interest, of Washington customer's share of deferred gains on property in Vancouver, Washington in 2001 and in Albany, Oregon in 2008, as referenced in Commission Docket UG-081317.

**APPLICATION TO RATE SCHEDULES:**

Effective: November 1, 2010

The adjustment to rates set forth herein will automatically expire upon completion of the pass through. The rates in the Rate Schedules listed below include the following adjustments:

(T)

| Schedule | Block   | Adjustment (per therm) | Schedule    | Block   | Adjustment (per therm) |
|----------|---------|------------------------|-------------|---------|------------------------|
| 1R       |         | \$0.00                 | 42SI        | Block 1 | \$0.00                 |
| 1C       |         | \$0.00                 |             | Block 2 | \$0.00                 |
| 2        |         | \$0.00                 |             | Block 3 | \$0.00                 |
| 3C       |         | \$0.00                 |             | Block 4 | \$0.00                 |
| 3I       |         | \$0.00                 |             | Block 5 | \$0.00                 |
|          |         |                        |             | Block 6 | \$0.00                 |
| 27       |         | \$0.00                 |             |         |                        |
| 41SF     | Block 1 | \$0.00                 | C42TF/I42TF | Block 1 | \$0.00                 |
|          | Block 2 | \$0.00                 |             | Block 2 | \$0.00                 |
| 41FT     | Block 1 | \$0.00                 |             | Block 3 | \$0.00                 |
|          | Block 2 | \$0.00                 |             | Block 4 | \$0.00                 |
| 41IS     | Block 1 | \$0.00                 |             | Block 5 | \$0.00                 |
|          | Block 2 | \$0.00                 |             | Block 6 | \$0.00                 |
| 42C SF   | Block 1 | \$0.00                 | C42TI/I42TI | Block 1 | \$0.00                 |
|          | Block 2 | \$0.00                 |             | Block 2 | \$0.00                 |
|          | Block 3 | \$0.00                 |             | Block 3 | \$0.00                 |
|          | Block 4 | \$0.00                 |             | Block 4 | \$0.00                 |
|          | Block 5 | \$0.00                 |             | Block 5 | \$0.00                 |
|          | Block 6 | \$0.00                 |             | Block 6 | \$0.00                 |
| 42I SF   | Block 1 | \$0.00                 |             |         |                        |
|          | Block 2 | \$0.00                 | 43TF/43TI   |         | \$0.00                 |
|          | Block 3 | \$0.00                 |             |         |                        |
|          | Block 4 | \$0.00                 |             |         |                        |
|          | Block 5 | \$0.00                 |             |         |                        |
|          | Block 6 | \$0.00                 |             |         |                        |
|          |         |                        |             |         |                        |
|          |         |                        |             |         |                        |

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**GENERAL TERMS:**

This schedule is governed by the terms of this Schedule, the General Rules and Regulations contained in this Tariff and by all rules and regulations prescribed by regulatory authorities, as amended from time to time.

Issued October 13, 2010  
NWN Advice No. WUTC 10-8A

Effective with service on  
and after November 1, 2010

**NORTHWEST NATURAL GAS COMPANY**WN U-6 Tenth Revision of Sheet 215.1  
Cancels Ninth Revision of Sheet 215.1**SCHEDULE 215  
ADJUSTMENT TO RATES  
ENERGY EFFICIENCY SERVICE AND PROGRAMS****PURPOSE:**

To identify adjustments to rates in the Rate Schedules listed below for the amortization, with interest, of balances in a deferred account that recover costs associated with providing energy conservation services offered under Schedule G "Energy Efficiency Services and Programs", of this Tariff.

(C)

**APPLICABLE:**

To Sales Service Customers throughout the Company's service territory in Washington that take service under the Rate Schedules listed herein.

|            |             |                     |
|------------|-------------|---------------------|
| Schedule 1 | Schedule 3  | Schedule 41 CSF/CSI |
| Schedule 2 | Schedule 27 | Schedule 42CSF/CSI  |

(N)

(N)

**APPLICATION TO RATE SCHEDULES:**

Effective: November 1, 2010

(T)

Each year, in accordance with the terms agreed to in Docket No. U-091044, Sales Service rates for the Rate Schedules listed below will be adjusted on an equal cents per therm basis, to recover the actual costs of energy conservation programs incurred during the most recent 12-month period October 1 through September 30. Adjustments to rates shall be made coincident with the Company's annual Purchased Gas Adjustment (PGA) filing, or at such other time as the Commission may authorize.

The rates in the Rate Schedules listed below include the following adjustments:

| Schedule | Block   | Schedule G<br>Energy Efficiency |
|----------|---------|---------------------------------|
| 1R       |         | \$0.03168                       |
| 1C       |         | \$0.02478                       |
| 2        |         | \$0.01871                       |
| 3 (CSF)  |         | \$0.01672                       |
| 27       |         | \$0.01241                       |
| 41 (CSF) | Block 1 | \$0.01306                       |
|          | Block 2 | \$0.01151                       |
| 41 (CSI) | Block 1 | \$0.01257                       |
|          | Block 2 | \$0.01108                       |
| 42(CSF)  | Block 1 | \$0.00963                       |
|          | Block 2 | \$0.00862                       |
|          | Block 3 | \$0.00661                       |
|          | Block 4 | \$0.00529                       |
|          | Block 5 | \$0.00353                       |
|          | Block 6 | \$0.00132                       |
| 42(CSI)  | Block 1 | \$0.00578                       |
|          | Block 2 | \$0.00517                       |
|          | Block 3 | \$0.00396                       |
|          | Block 4 | \$0.00317                       |
|          | Block 5 | \$0.00211                       |
|          | Block 6 | \$0.00079                       |

(C)

**GENERAL TERMS:**

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(C)

Issued October 13, 2010  
NWN Advice No. WUTC 10-8AEffective with service on  
and after November 1, 2010

**NORTHWEST NATURAL GAS COMPANY**

WN U-6

Fifth Revision of Sheet 220.1

Cancels Fourth Revision of Sheet 220.1

**SCHEDULE 220  
SPECIAL RATE ADJUSTMENT****PURPOSE:**

The purpose of this schedule is to reflect the rate effects of the Company's recalling of Mist storage capacity for use by the Company's core customers.

**APPLICABLE:**

To the following Rate Schedules of this Tariff:

Schedule 1      Schedule 3      Schedule 41  
Schedule 2      Schedule 27      Schedule 42

(T)

**APPLICATION TO RATE SCHEDULES:** Effective: November 1, 2010

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.

(T)

| Schedule | Block   | Mist Recall<br>Base Rate Adjustment [1] |
|----------|---------|---|
| 1R       |         | \$0.00                                  |
| 1C       |         | \$0.00                                  |
| 2        |         | \$0.00                                  |
| 3C       |         | \$0.00                                  |
| 3I       |         | \$0.00                                  |
| 27       |         | \$0.00                                  |
| 41SF     | Block 1 | \$0.00                                  |
|          | Block 2 | \$0.00                                  |
| 42C SF   | Block 1 | \$0.00                                  |
|          | Block 2 | \$0.00                                  |
|          | Block 3 | \$0.00                                  |
|          | Block 4 | \$0.00                                  |
|          | Block 5 | \$0.00                                  |
|          | Block 6 | \$0.00                                  |
| 42I SF   | Block 1 | \$0.00                                  |
|          | Block 2 | \$0.00                                  |
|          | Block 3 | \$0.00                                  |
|          | Block 4 | \$0.00                                  |
|          | Block 5 | \$0.00                                  |
|          | Block 6 | \$0.00                                  |
| 42SI     | Block 1 | \$0.00                                  |
|          | Block 2 | \$0.00                                  |
|          | Block 3 | \$0.00                                  |
|          | Block 4 | \$0.00                                  |
|          | Block 5 | \$0.00                                  |
|          | Block 6 | \$0.00                                  |

(C)

[1] Mist Recall Adjustment does not apply to Transportation Service

(C)

(continue to Sheet 220.2)

Issued October 13, 2010  
NWN Advice No. WUTC 10-8A

Effective with service on  
and after November 1, 2010

**NORTHWEST NATURAL GAS COMPANY**

WN U-6

Second Revision of Sheet 230.1

Cancels First Revision of Sheet 230.1

**SCHEDULE 230  
TEMPORARY ADJUSTMENTS TO RATES FOR LOW-INCOME PROGRAMS****PURPOSE:**

To identify adjustments to rates in the Rate Schedules listed below that relate to the amortization of deferred account balances for each of the Company's low-income programs (Schedule J and Schedule I).

**APPLICABLE:**

To the following Rate Schedules (Sales Service only) of this Tariff:

Schedule 1      Schedule 2      Schedule 3      Schedule 41      Schedule 42

(T)

**APPLICATION TO RATE SCHEDULES:****Effective: November 1, 2010**

(T)

The Total Adjustment amount shown below is included in the Temporary Adjustments reflected in the above-listed Rate Schedules. NO ADDITIONAL ADJUSTMENT TO RATES IS REQUIRED.

| Schedule | Block   | Schedule J<br>GREAT | Schedule I<br>WA-LIEE | Total<br>Temporary<br>Adjustment |
|----------|---------|---------------------|-----------------------|----------------------------------|
| 1R       |         | \$0.01542           | \$0.00171             | \$0.01713                        |
| 1C       |         | \$0.01207           | \$0.00134             | \$0.01341                        |
| 2        |         | \$0.00910           | \$0.00101             | \$0.01011                        |
| 3 (CSF)  |         | \$0.00814           | \$0.00090             | \$0.00904                        |
| 3 (ISF)  |         | \$0.00724           | \$0.00080             | \$0.00804                        |
| 27       |         | \$0.00604           | \$0.00067             | \$0.00671                        |
| 41 (CSF) | Block 1 | \$0.00636           | \$0.00070             | \$0.00706                        |
|          | Block 2 | \$0.00560           | \$0.00062             | \$0.00622                        |
| 41 (CSI) | Block 1 | \$0.00633           | \$0.00070             | \$0.00703                        |
|          | Block 2 | \$0.00558           | \$0.00062             | \$0.00620                        |
| 41 (ISF) | Block 1 | \$0.00886           | \$0.00098             | \$0.00984                        |
|          | Block 2 | \$0.00781           | \$0.00086             | \$0.00867                        |
| 41 (ISI) | Block 1 | \$0.00633           | \$0.00070             | \$0.00703                        |
|          | Block 2 | \$0.00558           | \$0.00062             | \$0.00620                        |
| 42(CSF)  | Block 1 | \$0.00469           | \$0.00052             | \$0.00521                        |
|          | Block 2 | \$0.00420           | \$0.00046             | \$0.00466                        |
|          | Block 3 | \$0.00322           | \$0.00036             | \$0.00358                        |
|          | Block 4 | \$0.00257           | \$0.00028             | \$0.00285                        |
|          | Block 5 | \$0.00172           | \$0.00019             | \$0.00191                        |
|          | Block 6 | \$0.00064           | \$0.00007             | \$0.00071                        |
| 42(ISF)  | Block 1 | \$0.00388           | \$0.00043             | \$0.00431                        |
|          | Block 2 | \$0.00348           | \$0.00038             | \$0.00386                        |
|          | Block 3 | \$0.00267           | \$0.00029             | \$0.00296                        |
|          | Block 4 | \$0.00213           | \$0.00024             | \$0.00237                        |
|          | Block 5 | \$0.00142           | \$0.00016             | \$0.00158                        |
|          | Block 6 | \$0.00053           | \$0.00006             | \$0.00059                        |

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Issued October 13, 2010  
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220 N.W. Second Avenue  
Portland, Oregon 97209-3991

**NORTHWEST NATURAL GAS COMPANY**

WN U-6

Original Sheet 230.2

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SCHEDULE 230  
TEMPORARY ADJUSTMENTS TO RATES FOR LOW-INCOME PROGRAMS  
(continued)

**APPLICATION TO RATE SCHEDULES (continued):****Effective: November 1, 2010** (T)

The Total Adjustment amount shown below is included in the Temporary Adjustments reflected in the above-listed Rate Schedules. NO ADDITIONAL ADJUSTMENT TO RATES IS REQUIRED.

| Schedule | Block   | Schedule J<br>GREAT | Schedule I<br>WA-LIEE | Total<br>Temporary<br>Adjustment |
|----------|---------|---------------------|-----------------------|----------------------------------|
| 42(CSI)  | Block 1 | \$0.00281           | \$0.00031             | \$0.00312                        |
|          | Block 2 | \$0.00252           | \$0.00028             | \$0.00280                        |
|          | Block 3 | \$0.00193           | \$0.00021             | \$0.00214                        |
|          | Block 4 | \$0.00154           | \$0.00017             | \$0.00171                        |
|          | Block 5 | \$0.00103           | \$0.00011             | \$0.00114                        |
|          | Block 6 | \$0.00039           | \$0.00004             | \$0.00043                        |
| 42(ISI)  | Block 1 | \$0.00284           | \$0.00031             | \$0.00315                        |
|          | Block 2 | \$0.00254           | \$0.00028             | \$0.00282                        |
|          | Block 3 | \$0.00195           | \$0.00022             | \$0.00217                        |
|          | Block 4 | \$0.00156           | \$0.00017             | \$0.00173                        |
|          | Block 5 | \$0.00104           | \$0.00011             | \$0.00115                        |
|          | Block 6 | \$0.00039           | \$0.00004             | \$0.00043                        |

(C) (M)

(C) (M)

**GENERAL TERMS:**

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Issued October 13, 2010  
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Effective with service on  
and after November 1, 2010

**NORTHWEST NATURAL GAS COMPANY**WN U-6 Second Revision of Sheet I.1  
Cancels First Revision Sheet I.1

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**SCHEDULE I**  
**WASHINGTON LOW-INCOME ENERGY EFFICIENCY (WA-LIEE) PROGRAMS****PURPOSE:**

To set forth the terms and conditions of a low-income energy efficiency program available to qualifying low-income Residential customers.

**AVAILABLE:**

This program is available to income-eligible residential dwellings located within NW Natural's Washington service territory where (1) a gas Service Line is installed at the Premise; (2) the primary space heating equipment is fueled by Natural Gas, and (3) the occupant has an active account with the Company, or will have an active account upon completion of work performed under this Schedule I. Any residential dwelling that received assistance for the installation of the same or similar measures under any other energy efficiency program will not be eligible for assistance under this program.

**PROGRAM YEAR:**

The program year will extend from October 1 through September 30.

**PROGRAM FUNDING:**

1. Each Agency will be reimbursed by the Company for administrative costs and direct program costs incurred by them in their administration and delivery of the WA-LIEE program in the amount of 15% of the total job cost for each household. The Agency fee will be paid to each Agency along with each rebate payment. The Company will process rebates and Agency payments within thirty (30) days from the date the Company receives all completed documentation in support of such rebate request(s).
2. The Company will be reimbursed for actual program administration costs incurred, except that such reimbursement will not exceed 5% of the total funds distributed during each Program Year.
3. Program Costs will be deferred and recovered through rates in **Schedule 230** in accordance with the terms agreed to in Docket No. U-091044.

(C)  
(C)**PROGRAM ADVISORY COUNCIL:**

The Energy Efficiency Advisory Group (EEAG), that was formed by parties to the Company's 2008 Washington rate case, docketed as UG-080546, will assist in advising the Company on the WA-LIEE program development, implementation, and evaluation. The EEAG will have no decision-making authority.

**PROGRAM ADMINISTRATION, EVALUATION AND VERIFICATION:**

During the first quarter after the end of a program year, the Company will present to the EEAG program year results including the costs incurred and therms saved during the program year.

(continue to Sheet I.2)

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220 N.W. Second Avenue  
Portland, Oregon 97209-3991