

WASHINGTON

SUMMARY OF MONTHLY SALES SERVICE BILLING RATES

EFFECTIVE:  
 November 1, 2011

SCHEDULE 1 GENERAL SALES SERVICE	SCHEDULE 2 RESIDENTIAL SALES SERVICE	SCHEDULE 3 BASIC FIRM SALES SERVICE	SCHEDULE 10 SPECIAL METERING EQUIPMENT	
Usage Charges: Customer Charge \$3.47 Res'l Usage Charge (per therm): \$1.29856 Com'l Usage Charge (per therm): \$1.29198  Minimum Monthly Bill \$3.47	Usage Charges: Customer Charge \$7.00 All therms \$1.01776 Minimum Monthly Bill \$7.00	Usage Charges: Customer Charge \$15.00 Commercial All therms \$1.02015 Industrial All therms \$1.01175 Minimum Monthly Bill \$15.00	Meter Size: First 150 CF/hr./mo. Capacity \$0.40628 Next 800 CF/hr./mo. Capacity \$0.16525 +minimum monthly rental charge All add'l CF/hr./mo. Capacity \$0.24103 +minimum monthly rental charge Minimum Monthly Rental \$0.40628 Charge for Meter Reading \$0.36	
SCHEDULE 27 RESIDENTIAL HEATING DRY-OUT SERVICE	SCHEDULE 41 NON-RESIDENTIAL SALES SERVICE	SCHEDULE 42 LARGE VOLUME NON-RESIDENTIAL FIRM SALES SERVICE	SCHEDULE 42 LARGE VOLUME NON-RESIDENTIAL INTERRUPTIBLE SALES SERVICE	OTHER CHARGES:
Usage Charge: Customer Charge \$6.00 Per therm, all therms \$0.85043 Minimum Monthly Bill \$6.00	Customer Charge: \$250.00 Volumetric Charges: <u>Commercial Firm Service:</u> 1st 2,000 therms: \$0.76424 All additional therms: \$0.72714 <u>Industrial Firm Service:</u> 1st 2,000 therms: \$0.75932 All additional therms: \$0.72281 Plus <u>Pipeline Capacity Charges*:</u> Firm (MDDV): \$2.03 Firm (per therm): \$0.13618 <u>Commercial Interruptible Service:</u> 1st 2,000 therms: \$0.77349 All additional therms: \$0.73645 <u>Industrial Interruptible Service:</u> 1st 2,000 therms: \$0.76780 All additional therms: \$0.73144 Plus Pipeline Capacity Charge (per therm): \$0.04757  Minimum Monthly Bill: Customer Charge, plus Volumetric Charges, plus applicable Pipeline Capacity Charge.	Customer Charge: \$1,300.00 <u>Commercial Volumetric Charges:</u> 1st 10,000 therms: \$0.57801 Next 20,000 therms: \$0.56483 Next 20,000 therms: \$0.53856 Next 100,000 therms: \$0.52129 Next 600,000 therms: \$0.49824 All additional therms: \$0.46945 <u>Industrial Volumetric Charges:</u> 1st 10,000 therms: \$0.57339 Next 20,000 therms: \$0.56068 Next 20,000 therms: \$0.53538 Next 100,000 therms: \$0.51874 Next 600,000 therms: \$0.49657 All additional therms: \$0.46881 Plus Storage Charge (per MDDV) \$0.20415 Distribution Capacity Chg. (MDDV) \$0.15748 <u>Firm Pipeline Capacity Charges*:</u> Per MDDV: \$2.03 Per therm: \$0.13618  Minimum Monthly Bill: Customer Charge, plus Volumetric Charges, plus applicable Pipeline Capacity Charge, plus the Storage and Distribution Charges.	Customer Charge: \$1,300.00 <u>Volumetric Charges: Industrial</u> 1st 10,000 therms: \$0.58250 Next 20,000 therms: \$0.56986 Next 20,000 therms: \$0.54474 Next 100,000 therms: \$0.52820 Next 600,000 therms: \$0.50616 All additional therms: \$0.47862 <u>Volumetric Charges: Commercial</u> 1st 10,000 therms: \$0.58511 Next 20,000 therms: \$0.57220 Next 20,000 therms: \$0.54653 Next 100,000 therms: \$0.52964 Next 600,000 therms: \$0.50711 All additional therms: \$0.47897 Plus Pipeline Capacity Chg. per therm: \$0.04757 Plus Storage Charge per MDDV: \$0.10208  Minimum Monthly Bill: Customer Charge, plus Volumetric Charges, plus Pipeline Capacity Charge, plus Storage Charge.	Telemetry Charge (per month) \$127.00 Standard Unauthorized Use: \$ 2.00/th Unauthorized Use - Violation of Curtailment Order \$10.00/th



WASHINGTON

SUMMARY OF MONTHLY TRANSPORTATION SERVICE BILLING RATES

EFFECTIVE:  
 November 1, 2011

SCHEDULE 41 NON-RESIDENTIAL TRANSPORTATION SERVICE	SCHEDULE 42 LARGE VOLUME NON-RESIDENTIAL FIRM TRANSPORTATION SERVICE	SCHEDULE 43 HIGH-VOLUME NON-RESIDENTIAL TRANSPORTATION SERVICE	<u>OTHER CHARGES:</u>
<b>Customer Charge:</b> \$250.00 <b>Transportation Charge:</b> \$250.00  <b>Volumetric Charges:</b> 1st 2,000 therms: \$0.30077 All additional therms: \$0.26500  <b>Minimum Monthly Bill:</b> \$500.00	<b>Customer Charge:</b> \$1,300.00 <b>Transportation Charge:</b> \$250.00  <b>Volumetric Charges:</b> 1st 10,000 therms: \$0.11818 Next 20,000 therms: \$0.10579 Next 20,000 therms: \$0.08112 Next 100,000 therms: \$0.06490 Next 600,000 therms: \$0.04327 All additional therms: \$0.01622  Firm Distribution Capacity Chg. (MDDV) \$0.15748  <b>Minimum Monthly Bill:</b> \$1,550.00 Plus for Firm Service: Distribution Capacity Charge	<b>Customer Charge:</b> \$38,000.00 <b>Transportation Charge:</b> \$250.00  <b>Volumetric Charges:</b> All therms: \$0.00499  <b>If Firm Service, ADD:</b> Distribution Capacity Chg. (MDDV) \$0.15748  <b>Minimum Monthly Bill:</b> \$38,250.00 Plus for Firm Service: Distribution Capacity Charge	Monthly Telemetry Charge: \$127.00 Standard Unauthorized Use: \$2.00/th Unauthorized Use - Violation of Curtailment Order: \$10.00/th  Annual Sales WACOG: \$0.49539 Winter Sales WACOG: \$0.49522
	<b>SCHEDULE 42                      LARGE VOLUME NON-RESIDENTIAL                      INTERRUPTIBLE TRANSPORTATION SERVICE</b>  <b>Customer Charge:</b> \$1,300.00 <b>Transportation Charge:</b> \$250.00  <b>Volumetric Charges:</b> 1st 10,000 therms: \$0.11818 Next 20,000 therms: \$0.10579 Next 20,000 therms: \$0.08112 Next 100,000 therms: \$0.06490 Next 600,000 therms: \$0.04327 All additional therms: \$0.01622 <b>Minimum Monthly Bill:</b> \$1,550.00	<b><u>PENALTY CHARGES:</u></b>  Balancing Charge (excess over 5%) \$1.00/therm Entitlement Overrun Charges: Excess < threshold + 2% \$0.50/therm Excess > threshold + 2% \$1.00/therm Entitlement Underrun Charges: 5% to 10% \$0.50/therm Over 10% \$1.00/therm Underrun not cleared \$1.00/therm	



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Effective with service on  
 and after November 1, 2011

**NORTHWEST NATURAL GAS COMPANY**

WN U-6

Twentieth Revision of Sheet 101.1

Cancels Nineteenth Revision of Sheet 101.1

**RATE SCHEDULE 1  
GENERAL SALES SERVICE****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 that does not qualify as primary heating systems under Rate Schedule 2, 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, 2011

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	\$0.68323	\$0.13618	\$0.49539	\$(0.01624)	<b>\$1.29856</b>
Commercial	\$0.68305	\$0.13618	\$0.49539	\$(0.02264)	<b>\$1.29198</b>

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**

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Twentieth Revision of Sheet 102.1

Cancels Nineteenth Revision of Sheet 102.1

**RATE SCHEDULE 2  
RESIDENTIAL SALES SERVICE****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;
- (b) Operation of a gas-fired hearth product or wall heater as the primary source for space heating requirements where the hearth or wall heater has a verified nameplate rating of 20,000 BTUs or greater, and is installed in a primary residence defined as a dwelling that is occupied year-round, and where that dwelling is 1,500 square feet or less; and, or
- (c) 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, 2011

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)	\$0.41378		\$0.13618	\$0.49539	\$(0.02759)	<b>\$1.01776</b>

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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Eighth Revision of Sheet 103.3

Cancels Seventh Revision of Sheet 103.3

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

**MONTHLY RATE:** Effective: November 1, 2011

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 [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	\$0.41790		\$0.13618	\$0.49539	\$(0.02932)	<b>\$1.02015</b>
Industrial	\$0.41785		\$0.13618	\$0.49539	\$(0.03767)	<b>\$1.01175</b>
<b>Standby Charge (per therm of MHDV) [3]:</b>						<b>\$5.00</b>

[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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Twentieth Revision of Sheet 127.1

Cancels Nineteenth 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, 2011

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	\$0.25364	\$0.13618	\$0.49539	\$(0.03478)	<b>\$0.85043</b>

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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Sixth Revision of Sheet 141.9

Cancels Fifth Revision of Sheet 141.9

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

**MONTHLY RATES FOR COMMERCIAL CUSTOMER CLASS:**

Effective: November 1, 2011

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>					<b>Billing Rates</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	\$0.30111		\$0.49539	\$(0.03226)	<b>\$0.76424</b>
Block 2: All additional therms	\$0.26532		\$0.49539	\$(0.03357)	<b>\$0.72714</b>
<b>Pipeline Capacity Charge Options (select one):</b>					
Firm Pipeline Capacity Charge - Volumetric option (per therm):					<b>\$0.13618</b>
Firm Pipeline Capacity Charge - Peak Demand option (per therm of MDDV):					<b>\$2.03</b>
<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	\$0.30090		\$0.49539	\$(0.02280)	<b>\$0.77349</b>
Block 2: All additional therms	\$0.26511		\$0.49539	\$(0.02405)	<b>\$0.73645</b>
Plus: Interruptible Pipeline Capacity Charge - Volumetric (per therm):					<b>\$0.04757</b>
<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	<b>\$0.30077</b>
Block 2: All additional therms	\$0.26500			\$0.00000	<b>\$0.26500</b>

[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**

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First Revision of Sheet 141.10

Cancels Original Sheet 141.10

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

**MONTHLY RATES FOR INDUSTRIAL CUSTOMER CLASS:**

Effective: November 1, 2011

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 (I41SF) [1]:</b>					<b>Billing Rates</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	\$0.30114		\$0.49539	\$(0.03721)	<b>\$0.75932</b>
Block 2: All additional therms	\$0.26534		\$0.49539	\$(0.03792)	<b>\$0.72281</b>
<b>Pipeline Capacity Charge Options (select one):</b>					
Firm Pipeline Capacity Charge - Volumetric option (per therm):					<b>\$0.13618</b>
Firm Pipeline Capacity Charge - Peak Demand option (per therm of MDDV):					<b>\$2.03</b>
<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	\$0.30090		\$0.49539	\$(0.02849)	<b>\$0.76780</b>
Block 2: All additional therms	\$0.26511		\$0.49539	\$(0.02906)	<b>\$0.73144</b>
Plus: Interruptible Pipeline Capacity Charge - Volumetric (per therm):					<b>\$0.04757</b>
<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	<b>\$0.30077</b>
Block 2: All additional therms	\$0.26500			\$0.00000	<b>\$0.26500</b>

[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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Seventh Revision of Sheet 142.10

Cancels Sixth 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, 2011

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>				<b>Billing Rates</b>
Customer Charge (per month, all service types):				<b>\$1,300.00</b>
	Base Rate	Commodity Component [2]	Total Temporary Adjustments [3]	
<b>42 CSF Volumetric Charges (per therm):</b>				
Block 1: 1 <sup>st</sup> 10,000 therms	\$0.11841	\$0.49539	\$(0.03579)	<b>\$0.57801</b>
Block 2: Next 20,000 therms	\$0.10600	\$0.49539	\$(0.03656)	<b>\$0.56483</b>
Block 3: Next 20,000 therms	\$0.08129	\$0.49539	\$(0.03812)	<b>\$0.53856</b>
Block 4: Next 100,000 therms	\$0.06503	\$0.49539	\$(0.03913)	<b>\$0.52129</b>
Block 5: Next 600,000 therms	\$0.04335	\$0.49539	\$(0.04050)	<b>\$0.49824</b>
Block 6: All additional therms	\$0.01625	\$0.49539	\$(0.04219)	<b>\$0.46945</b>
<b>42 ISF Volumetric Charges (per therm):</b>				
Block 1: 1 <sup>st</sup> 10,000 therms	\$0.11841	\$0.49539	\$(0.04041)	<b>\$0.57339</b>
Block 2: Next 20,000 therms	\$0.10599	\$0.49539	\$(0.04070)	<b>\$0.56068</b>
Block 3: Next 20,000 therms	\$0.08128	\$0.49539	\$(0.04129)	<b>\$0.53538</b>
Block 4: Next 100,000 therms	\$0.06502	\$0.49539	\$(0.04167)	<b>\$0.51874</b>
Block 5: Next 600,000 therms	\$0.04336	\$0.49539	\$(0.04218)	<b>\$0.49657</b>
Block 6: All additional therms	\$0.01625	\$0.49539	\$(0.04283)	<b>\$0.46881</b>
Firm Service Distribution Capacity Charge (per therm of MDDV per month):				<b>\$0.15748</b>
Firm Sales Service Storage Charge (per therm of MDDV per month):				<b>\$0.20415</b>
<b>Pipeline Capacity Charge Options (select one):</b>				
Firm Pipeline Capacity Charge - Volumetric option (per therm):				<b>\$0.13618</b>
Firm Pipeline Capacity Charge - Peak Demand option (per therm of MDDV per month):				<b>\$2.03</b>

- [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**

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Second Revision of Sheet 142.10.1

Cancels First Revision of Sheet 142.10.1

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

**MONTHLY SALES RATES – INTERRUPTIBLE SERVICE:**

Effective: November 1, 2011

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>					<b>Billing Rates</b>
Customer Charge (per month):					<b>\$1,300.00</b>
	Base Rate		Commodity Component [2]	Total Temporary Adjustments [3]	
Volumetric Charges (per therm):					
Block 1: 1 <sup>st</sup> 10,000 therms	\$0.11834		\$0.49539	\$(0.02862)	<b>\$0.58511</b>
Block 2: Next 20,000 therms	\$0.10592		\$0.49539	\$(0.02911)	<b>\$0.57220</b>
Block 3: Next 20,000 therms	\$0.08123		\$0.49539	\$(0.03009)	<b>\$0.54653</b>
Block 4: Next 100,000 therms	\$0.06498		\$0.49539	\$(0.03073)	<b>\$0.52964</b>
Block 5: Next 600,000 therms	\$0.04332		\$0.49539	\$(0.03160)	<b>\$0.50711</b>
Block 6: All additional therms	\$0.01625		\$0.49539	\$(0.03267)	<b>\$0.47897</b>
Interruptible Pipeline Capacity Charge (per therm):					<b>\$0.04757</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>
Volumetric Charges (per therm)					
Block 1: 1 <sup>st</sup> 10,000 therms	\$0.11834		\$0.49539	\$(0.03123)	<b>\$0.58250</b>
Block 2: Next 20,000 therms	\$0.10592		\$0.49539	\$(0.03145)	<b>\$0.56986</b>
Block 3: Next 20,000 therms	\$0.08123		\$0.49539	\$(0.03188)	<b>\$0.54474</b>
Block 4: Next 100,000 therms	\$0.06498		\$0.49539	\$(0.03217)	<b>\$0.52820</b>
Block 5: Next 600,000 therms	\$0.04332		\$0.49539	\$(0.03255)	<b>\$0.50616</b>
Block 6: All additional therms	\$0.01625		\$0.49539	\$(0.03302)	<b>\$0.47862</b>
Interruptible Pipeline Capacity Charge (per therm):					<b>\$0.04757</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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**NORTHWEST NATURAL GAS COMPANY**

WN U-6

Sixth Revision of Sheet 142.11

Cancels Fifth Revision of Sheet 142.11

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

**MONTHLY TRANSPORTATION RATES:**

Effective: November 1, 2011

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	<b>\$0.11818</b>
Block 2: Next 20,000 therms	\$0.10579			\$0.00000	<b>\$0.10579</b>
Block 3: Next 20,000 therms	\$0.08112			\$0.00000	<b>\$0.08112</b>
Block 4: Next 100,000 therms	\$0.06490			\$0.00000	<b>\$0.06490</b>
Block 5: Next 600,000 therms	\$0.04327			\$0.00000	<b>\$0.04327</b>
Block 6: All additional therms	\$0.01622			\$0.00000	<b>\$0.01622</b>
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	<b>\$0.11818</b>
Block 2: Next 20,000 therms	\$0.10579			\$0.00000	<b>\$0.10579</b>
Block 3: Next 20,000 therms	\$0.08112			\$0.00000	<b>\$0.08112</b>
Block 4: Next 100,000 therms	\$0.06490			\$0.00000	<b>\$0.06490</b>
Block 5: Next 600,000 therms	\$0.04327			\$0.00000	<b>\$0.04327</b>
Block 6: All additional therms	\$0.01622			\$0.00000	<b>\$0.01622</b>

[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

Sixth Revision of Sheet 143.6

Cancels Fifth Revision of Sheet 143.6

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

**MONTHLY RATE:**

Effective November 1, 2011

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

Seventeenth Revision of Sheet 201.1

Cancels Sixteenth Revision of Sheet 201.1

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**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)	

**APPLICATION TO RATE SCHEDULES:**

Effective: November 1, 2011

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 Commodity Adjustment	Account 191 Pipeline Capacity Adjustment	Account 186 Net Adjustments	Total Temporary Adjustment
1R		\$(0.02800)	\$(0.01521)	\$0.02697	<b>\$(0.01624)</b>
1C		\$(0.02800)	\$(0.01521)	\$0.02057	<b>\$(0.02264)</b>
2		\$(0.02800)	\$(0.01521)	\$0.01562	<b>\$(0.02759)</b>
03 CSF		\$(0.02800)	\$(0.01521)	\$0.01389	<b>\$(0.02932)</b>
03 ISF		\$(0.02800)	\$(0.01521)	\$0.00554	<b>\$(0.03767)</b>
27		\$(0.02800)	\$(0.01521)	\$0.00843	<b>\$(0.03478)</b>
41CSF	Block 1	\$(0.02800)	\$(0.01521)	\$0.01095	<b>\$(0.03226)</b>
	Block 2	\$(0.02800)	\$(0.01521)	\$0.00964	<b>\$(0.03357)</b>
41CSI	Block 1	\$(0.02800)	\$(0.00531)	\$0.01051	<b>\$(0.02280)</b>
	Block 2	\$(0.02800)	\$(0.00531)	\$0.00926	<b>\$(0.02405)</b>
41TF	Block 1	N/A	N/A	\$0.00000	<b>\$0.00000</b>
	Block 2	N/A	N/A	\$0.00000	<b>\$0.00000</b>
41ISF	Block 1	\$(0.02800)	\$(0.01521)	\$0.00600	<b>\$(0.03721)</b>
	Block 2	\$(0.02800)	\$(0.01521)	\$0.00529	<b>\$(0.03792)</b>
41ISI	Block 1	\$(0.02800)	\$(0.00531)	\$0.00482	<b>\$(0.02849)</b>
	Block 2	\$(0.02800)	\$(0.00531)	\$0.00425	<b>\$(0.02906)</b>
42 CSF	Block 1	\$(0.02800)	\$(0.01521)	\$0.00742	<b>\$(0.03579)</b>
	Block 2	\$(0.02800)	\$(0.01521)	\$0.00665	<b>\$(0.03656)</b>
	Block 3	\$(0.02800)	\$(0.01521)	\$0.00516	<b>\$(0.03812)</b>
	Block 4	\$(0.02800)	\$(0.01521)	\$0.00408	<b>\$(0.03913)</b>
	Block 5	\$(0.02800)	\$(0.01521)	\$0.00271	<b>\$(0.04050)</b>
	Block 6	\$(0.02800)	\$(0.01521)	\$0.00102	<b>\$(0.04219)</b>

(continue to Sheet 201.2)

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## NORTHWEST NATURAL GAS COMPANY

WN U-6

Eighth Revision of Sheet 201.2

Cancels Seventh Revision of Sheet 201.2

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

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

Effective: November 1, 2011

Schedule	Block	Account 191 Commodity Adjustment	Account 191 Pipeline Capacity Adjustment	Account 186 Net Adjustments	Total Temporary Adjustment
42 ISF	Block 1	\$(0.02800)	\$(0.01521)	\$0.00280	<b>\$(0.04041)</b>
	Block 2	\$(0.02800)	\$(0.01521)	\$0.00251	<b>\$(0.04070)</b>
	Block 3	\$(0.02800)	\$(0.01521)	\$0.00192	<b>\$(0.04129)</b>
	Block 4	\$(0.02800)	\$(0.01521)	\$0.00154	<b>\$(0.04167)</b>
	Block 5	\$(0.02800)	\$(0.01521)	\$0.00103	<b>\$(0.04218)</b>
	Block 6	\$(0.02800)	\$(0.01521)	\$0.00038	<b>\$(0.04283)</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	\$(0.02800)	\$(0.00531)	\$0.00469	<b>\$(0.02862)</b>
	Block 2	\$(0.02800)	\$(0.00531)	\$0.00420	<b>\$(0.02911)</b>
	Block 3	\$(0.02800)	\$(0.00531)	\$0.00322	<b>\$(0.03009)</b>
	Block 4	\$(0.02800)	\$(0.00531)	\$0.00267	<b>\$(0.03073)</b>
	Block 5	\$(0.02658)	\$(0.00971)	\$0.00178	<b>\$(0.03160)</b>
	Block 6	\$(0.02658)	\$(0.00971)	\$0.00066	<b>\$(0.03267)</b>
42 ISI	Block 1	\$(0.02658)	\$(0.00971)	\$0.00217	<b>\$(0.03123)</b>
	Block 2	\$(0.02658)	\$(0.00971)	\$0.00194	<b>\$(0.03145)</b>
	Block 3	\$(0.02658)	\$(0.00971)	\$0.00149	<b>\$(0.03188)</b>
	Block 4	\$(0.02658)	\$(0.00971)	\$0.00119	<b>\$(0.03217)</b>
	Block 5	\$(0.02658)	\$(0.00971)	\$0.00079	<b>\$(0.03255)</b>
	Block 6	\$(0.02658)	\$(0.00971)	\$0.00030	<b>\$(0.03302)</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>

**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.

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## NORTHWEST NATURAL GAS COMPANY

WN U-6

Nineteenth Revision of Sheet 203.1

Cancels Eighteenth 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
Schedule 2	Schedule 41SF	Schedule 42SI
Schedule 3	Schedule 42SF	

**APPLICATION TO RATE SCHEDULES:**

Effective: November 1, 2011

Annual Sales WACOG [1]	\$0.49539
Winter Sales WACOG [2]	\$0.49522
Firm Sales Service Pipeline Capacity Component [3]	\$0.13618
Firm Sales Service Pipeline Capacity Component [4]	\$2.03
Interruptible Sales Service Pipeline Capacity Component [5]	\$0.04757

- [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).
- [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:**

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.

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**NORTHWEST NATURAL GAS COMPANY**

WN U-6

Twelfth Revision of Sheet 215.1

Cancels Eleventh Revision of Sheet 215.1

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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.

**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 CSF	Schedule 41 CSF/CSI
Schedule 2	Schedule 27	Schedule 42CSF/CSI

**APPLICATION TO RATE SCHEDULES:**

Effective: November 1, 2011

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 margin 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 Energy Efficiency
1R		\$0.01483
1C		\$0.01131
2		\$0.00859
3 (CSF)		\$0.00764
27		\$0.00464
41 (CSF)	Block 1	\$0.00602
	Block 2	\$0.00530
41 (CSI)	Block 1	\$0.00569
	Block 2	\$0.00501
42 (CSF)	Block 1	\$0.00408
	Block 2	\$0.00366
	Block 3	\$0.00280
	Block 4	\$0.00224
	Block 5	\$0.00149
	Block 6	\$0.00056
42 (CSI)	Block 1	\$0.00258
	Block 2	\$0.00231
	Block 3	\$0.00177
	Block 4	\$0.00142
	Block 5	\$0.00094
	Block 6	\$0.00035

**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.

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**NORTHWEST NATURAL GAS COMPANY**

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Sixth Revision of Sheet 220.1

Cancels Fifth 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 2      Schedule 3      Schedule 27      Schedule 41      Schedule 42

**APPLICATION TO RATE SCHEDULES:** Effective: November 1, 2011

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.

Schedule	Block	Mist Recall Base Rate Adjustment [1]
1R		\$0.00033
1C		\$0.00026
2		\$0.00019
3C		\$0.00017
3I		\$0.00015
27		\$0.00010
41CSF	Block 1	\$0.00013
	Block 2	\$0.00012
41CSI	Block 1	\$0.00013
	Block 2	\$0.00011
41ISF	Block 1	\$0.00016
	Block 2	\$0.00014
41ISI	Block 1	\$0.00013
	Block 2	\$0.00011
42CSF	Block 1	\$0.00009
	Block 2	\$0.00008
	Block 3	\$0.00006
	Block 4	\$0.00005
	Block 5	\$0.00003
	Block 6	\$0.00001
42ISF	Block 1	\$0.00008
	Block 2	\$0.00007
	Block 3	\$0.00005
	Block 4	\$0.00004
	Block 5	\$0.00003
	Block 6	\$0.00001
42CSI/ISI	Block 1	\$0.00006
	Block 2	\$0.00005
	Block 3	\$0.00004
	Block 4	\$0.00003
	Block 5	\$0.00002
	Block 6	\$0.00001

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

(continue to Sheet 220.2)

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**NORTHWEST NATURAL GAS COMPANY**

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Third Revision of Sheet 230.1

Cancels Second 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

**APPLICATION TO RATE SCHEDULES:**

**Effective: November 1, 2011**

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 GREAT	Schedule I WA-LIEE	Total Temporary Adjustment
1R		\$0.01214	\$0.00000	<b>\$0.01214</b>
1C		\$0.00926	\$0.00000	<b>\$0.00926</b>
2		\$0.00703	\$0.00000	<b>\$0.00703</b>
3 (CSF)		\$0.00625	\$0.00000	<b>\$0.00625</b>
3 (ISF)		\$0.00554	\$0.00000	<b>\$0.00554</b>
27		\$0.00379	\$0.00000	<b>\$0.00379</b>
41 (CSF)	Block 1	\$0.00493	\$0.00000	<b>\$0.00493</b>
	Block 2	\$0.00434	\$0.00000	<b>\$0.00434</b>
41 (CSI)	Block 1	\$0.00482	\$0.00000	<b>\$0.00482</b>
	Block 2	\$0.00425	\$0.00000	<b>\$0.00425</b>
41 (ISF)	Block 1	\$0.00600	\$0.00000	<b>\$0.00600</b>
	Block 2	\$0.00529	\$0.00000	<b>\$0.00529</b>
41 (ISI)	Block 1	\$0.00482	\$0.00000	<b>\$0.00482</b>
	Block 2	\$0.00425	\$0.00000	<b>\$0.00425</b>
42(CSF)	Block 1	\$0.00334	\$0.00000	<b>\$0.00334</b>
	Block 2	\$0.00299	\$0.00000	<b>\$0.00299</b>
	Block 3	\$0.00229	\$0.00000	<b>\$0.00229</b>
	Block 4	\$0.00184	\$0.00000	<b>\$0.00184</b>
	Block 5	\$0.00122	\$0.00000	<b>\$0.00122</b>
	Block 6	\$0.00046	\$0.00000	<b>\$0.00046</b>
42(ISF)	Block 1	\$0.00280	\$0.00000	<b>\$0.00280</b>
	Block 2	\$0.00251	\$0.00000	<b>\$0.00251</b>
	Block 3	\$0.00192	\$0.00000	<b>\$0.00192</b>
	Block 4	\$0.00154	\$0.00000	<b>\$0.00154</b>
	Block 5	\$0.00103	\$0.00000	<b>\$0.00103</b>
	Block 6	\$0.00038	\$0.00000	<b>\$0.00038</b>

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**NORTHWEST NATURAL GAS COMPANY**

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First Revision of Sheet 230.2

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, 2011**

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 GREAT	Schedule I WA-LIEE	Total Temporary Adjustment
42(CSI)	Block 1	\$0.00211	\$0.00000	<b>\$0.00211</b>
	Block 2	\$0.00189	\$0.00000	<b>\$0.00189</b>
	Block 3	\$0.00145	\$0.00000	<b>\$0.00145</b>
	Block 4	\$0.00116	\$0.00000	<b>\$0.00116</b>
	Block 5	\$0.00077	\$0.00000	<b>\$0.00077</b>
	Block 6	\$0.00029	\$0.00000	<b>\$0.00029</b>
42(ISI)	Block 1	\$0.00208	\$0.00000	<b>\$0.00208</b>
	Block 2	\$0.00186	\$0.00000	<b>\$0.00186</b>
	Block 3	\$0.00143	\$0.00000	<b>\$0.00143</b>
	Block 4	\$0.00114	\$0.00000	<b>\$0.00114</b>
	Block 5	\$0.00076	\$0.00000	<b>\$0.00076</b>
	Block 6	\$0.00029	\$0.00000	<b>\$0.00029</b>

**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 17, 2011  
NWN Advice No. WUTC 11-5A

Effective with service on  
and after November 1, 2011