

WASHINGTON SUMMARY OF MONTHLY SALES SERVICE BILLING RATES

**EFFECTIVE:
 November 1, 2012**

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): \$1.20157 Com'l Usage Charge (per therm): \$1.19165 Minimum Monthly Bill \$3.47	Usage Charges: Customer Charge \$7.00 All therms \$0.91571 Minimum Monthly Bill \$7.00	Usage Charges: Customer Charge \$15.00 Commercial All therms \$0.91746 Industrial All therms \$0.90530 Minimum Monthly Bill \$15.00	Meter Size: First 150 CF/hr./mo. Capacity \$0.40628 Next 800 CF/hr./mo. Capacity \$0.00165 +minimum monthly rental charge All add'l CF/hr./mo. Capacity \$0.00241 +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 \$0.75136 Minimum Monthly Bill: \$6.00	Customer Charge: \$250.00 Volumetric Charges: <u>Commercial Firm Service:</u> 1st 2,000 therms: \$0.65820 All additional therms: \$0.62059 <u>Industrial Firm Service:</u> 1st 2,000 therms: \$0.64956 All additional therms: \$0.61298 Plus <u>Pipeline Capacity Charges*:</u> Firm (MDDV): \$2.06 Firm (per therm): \$0.13815 <u>Commercial Interruptible Service:</u> 1st 2,000 therms: \$0.67513 All additional therms: \$0.63757 <u>Industrial Interruptible Service:</u> 1st 2,000 therms: \$0.66693 All additional therms: \$0.63035 Plus Pipeline Capacity Charge (per therm): \$0.04826 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: \$0.47052 Next 20,000 therms: \$0.45702 Next 20,000 therms: \$0.43017 Next 100,000 therms: \$0.41248 Next 600,000 therms: \$0.38892 All additional therms: \$0.35944 <u>Industrial Volumetric Charges:</u> 1st 10,000 therms: \$0.46379 Next 20,000 therms: \$0.45099 Next 20,000 therms: \$0.42553 Next 100,000 therms: \$0.40878 Next 600,000 therms: \$0.38645 All additional therms: \$0.35851 Plus Storage Charge (per MDDV) \$0.20415 Distribution Capacity Chg. (MDDV) \$0.15748 <u>Firm Pipeline Capacity Charges*:</u> Per MDDV: \$2.06 Per therm: \$0.13815 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: \$0.48079 Next 20,000 therms: \$0.46807 Next 20,000 therms: \$0.44276 Next 100,000 therms: \$0.42610 Next 600,000 therms: \$0.40389 All additional therms: \$0.37614 <u>Volumetric Charges: Commercial</u> 1st 10,000 therms: \$0.48394 Next 20,000 therms: \$0.47088 Next 20,000 therms: \$0.44491 Next 100,000 therms: \$0.42781 Next 600,000 therms: \$0.40504 All additional therms: \$0.37656 Plus Pipeline Capacity Chg. per therm: \$0.04826 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



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NORTHWEST NATURAL GAS COMPANY

WN U-6
 Cancels Twentieth Revision of Sheet 101.1
 Twenty-First 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, 2012

(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	----	----	----	\$3.47
Volumetric Charge (per therm)					
Residential	\$0.68371	\$0.13815	\$0.38566	\$(0.00595)	\$1.20157
Commercial	\$0.68340	\$0.13815	\$0.38566	\$(0.01556)	\$1.19165

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

(continue to Sheet 101.2)

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Twenty-First Revision of Sheet 102.1

Cancels Twentieth 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, 2012

(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	---	---	---	\$7.00
Volumetric Charge (per therm)	\$0.41405	\$0.13815	\$0.38566	\$(0.02215)	\$0.91571

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

(continue to Sheet 102.2)

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WN U-6 Ninth Revision of Sheet 103.3
 Cancels Eighth Revision of Sheet 103.3

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

MONTHLY RATE: Effective: November 1, 2012 (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.

FIRM SALES SERVICE CHARGES (03 SF):						Billing Rates [1]
Customer Charge (per month):						\$15.00
	Base Rate		Pipeline Capacity	Commodity Component [2]	Temporary Adjustment	
Volumetric Charges (per therm):						
Commercial	\$0.41814		\$0.13815	\$0.38566	\$(0.02449)	\$0.91746
Industrial	\$0.41806		\$0.13815	\$0.38566	\$(0.03657)	\$0.90530
Standby Charge (per therm of MHDV) [3]:						\$5.00

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 (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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Cancels Twentieth Revision of Sheet 127.1

**RATE SCHEDULE 27
 RESIDENTIAL HEATING DRY-OUT SERVICE**

AVAILABLE:

To Residential home builders, developers, and contractors during the period that a Residential dwelling is under construction, in all territory served by the Company under the Tariff of which this 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, 2012

(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:					\$6.00
Volumetric Charge (per therm)					
All therms	\$0.25386	\$0.13815	\$0.38566	\$(0.02631)	\$0.75136

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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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Seventh Revision of Sheet 141.9

Cancels Sixth Revision of Sheet 141.9

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

MONTHLY RATES FOR COMMERCIAL CUSTOMER CLASS:

Effective: November 1, 2012

(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.

FIRM SALES SERVICE CHARGES (C41SF) [1]:					Billing Rates
Customer Charge (per month):					\$250.00
Volumetric Charges (per therm)	Base Rate		Commodity Component [2]	Total Temporary Adjustments [3]	
Block 1: 1 st 2,000 therms	\$0.30130		\$0.38566	\$(0.02876)	\$0.65820
Block 2: All additional therms	\$0.26549		\$0.38566	\$(0.03056)	\$0.62059
Pipeline Capacity Charge Options (select one):					
Firm Pipeline Capacity Charge - Volumetric option (per therm):					\$0.13815
Firm Pipeline Capacity Charge - Peak Demand option (per therm of MDDV):					\$2.06
INTERRUPTIBLE SALES SERVICE CHARGES (C41SI) [1]:					
Customer Charge (per month):					\$250.00
Volumetric Charges (per therm)	Base Rate		Commodity Component: [2]	Total Temporary Adjustments [3]	
Block 1: 1 st 2,000 therms	\$0.30109		\$0.38566	\$(0.01162)	\$0.67513
Block 2: All additional therms	\$0.26527		\$0.38566	\$(0.01336)	\$0.63757
Plus: Interruptible Pipeline Capacity Charge - Volumetric (per therm):					\$0.04826
FIRM TRANSPORTATION SERVICE CHARGES (C41TF):					
Customer Charge (per month):					\$250.00
Transportation Charge (per month):					\$250.00
Volumetric Charges (per therm)	Base Rate			Total Temporary Adjustments [4]	
Block 1: 1 st 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 Second Revision of Sheet 141.10
Cancels First Revision of Sheet 141.10

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

MONTHLY RATES FOR INDUSTRIAL CUSTOMER CLASS: Effective: November 1, 2012 (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.

FIRM SALES SERVICE CHARGES (I41SF) [1]:					Billing Rates
Customer Charge (per month):					\$250.00
Volumetric Charges (per therm)	Base Rate		Commodity Component [2]	Total Temporary Adjustments [3]	
Block 1: 1 st 2,000 therms	\$0.30133		\$0.38566	\$(0.03743)	\$0.64956 (R)
Block 2: All additional therms	\$0.26551		\$0.38566	\$(0.03819)	\$0.61298 (R)
Pipeline Capacity Charge Options (select one):					
Firm Pipeline Capacity Charge - Volumetric option (per therm):					\$0.13815 (I)
Firm Pipeline Capacity Charge - Peak Demand option (per therm of MDDV):					\$2.06 (I)
INTERRUPTIBLE SALES SERVICE CHARGES (I41SI) [1]:					
Customer Charge (per month):					\$250.00
Volumetric Charges (per therm)	Base Rate		Commodity Component: [2]	Total Temporary Adjustments [3]	
Block 1: 1 st 2,000 therms	\$0.30109		\$0.38566	\$(0.01982)	\$0.66693 (R)
Block 2: All additional therms	\$0.26527		\$0.38566	\$(0.02058)	\$0.63035 (R)
Plus: Interruptible Pipeline Capacity Charge - Volumetric (per therm):					\$0.04826 (I)
FIRM TRANSPORTATION SERVICE CHARGES (I41TF):					
Customer Charge (per month):					\$250.00
Transportation Charge (per month):					\$250.00
Volumetric Charges (per therm)	Base Rate			Total Temporary Adjustments [4]	
Block 1: 1 st 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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Cancels Seventh Revision of Sheet 142.10

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

MONTHLY SALES RATES - FIRM SERVICE:

Effective: November 1, 2012

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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.

FIRM SALES SERVICE CHARGES [1]:				Billing Rates
Customer Charge (per month, all service types):				\$1,300.00
	Base Rate	Commodity Component [2]	Total Temporary Adjustments [3]	
42 CSF Volumetric Charges (per therm):				
Block 1: 1 st 10,000 therms	\$0.11854	\$0.38566	\$(0.03368)	\$0.47052
Block 2: Next 20,000 therms	\$0.10611	\$0.38566	\$(0.03475)	\$0.45702
Block 3: Next 20,000 therms	\$0.08138	\$0.38566	\$(0.03687)	\$0.43017
Block 4: Next 100,000 therms	\$0.06510	\$0.38566	\$(0.03828)	\$0.41248
Block 5: Next 600,000 therms	\$0.04340	\$0.38566	\$(0.04014)	\$0.38892
Block 6: All additional therms	\$0.01627	\$0.38566	\$(0.04249)	\$0.35944
42 ISF Volumetric Charges (per therm):				
Block 1: 1 st 10,000 therms	\$0.11851	\$0.38566	\$(0.04038)	\$0.46379
Block 2: Next 20,000 therms	\$0.10608	\$0.38566	\$(0.04075)	\$0.45099
Block 3: Next 20,000 therms	\$0.08135	\$0.38566	\$(0.04148)	\$0.42553
Block 4: Next 100,000 therms	\$0.06508	\$0.38566	\$(0.04196)	\$0.40878
Block 5: Next 600,000 therms	\$0.04340	\$0.38566	\$(0.04261)	\$0.38645
Block 6: All additional therms	\$0.01626	\$0.38566	\$(0.04341)	\$0.35851
Firm Service Distribution Capacity Charge (per therm of MDDV per month):				\$0.15748
Firm Sales Service Storage Charge (per therm of MDDV per month):				\$0.20415
Pipeline Capacity Charge Options (select one):				
Firm Pipeline Capacity Charge - Volumetric option (per therm):				\$0.13815
Firm Pipeline Capacity Charge - Peak Demand option (per therm of MDDV per month):				\$2.06

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

MONTHLY SALES RATES – INTERRUPTIBLE SERVICE: Effective: November 1, 2012
 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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INTERRUPTIBLE SALES SERVICE CHARGES [4]: (C42SI)					Billing Rates
Customer Charge (per month):					\$1,300.00
	Base Rate		Commodity Component [2]	Total Temporary Adjustments [3]	
Volumetric Charges (per therm):					
Block 1: 1 st 10,000 therms	\$0.11842		\$0.38566	\$(0.02014)	\$0.48394
Block 2: Next 20,000 therms	\$0.10599		\$0.38566	\$(0.02077)	\$0.47088
Block 3: Next 20,000 therms	\$0.08128		\$0.38566	\$(0.02203)	\$0.44491
Block 4: Next 100,000 therms	\$0.06502		\$0.38566	\$(0.02287)	\$0.42781
Block 5: Next 600,000 therms	\$0.04335		\$0.38566	\$(0.02397)	\$0.40504
Block 6: All additional therms	\$0.01626		\$0.38566	\$(0.02536)	\$0.37656
Interruptible Pipeline Capacity Charge (per therm):					\$0.04826
Interruptible Sales Service Storage Charge (per therm of MDDV per month)					\$0.10208
INTERRUPTIBLE SALES SERVICE CHARGES [4]: (I42SI)					
Customer Charge (per month):					\$1,300.00
Volumetric Charges (per therm)					
Block 1: 1 st 10,000 therms	\$0.11842		\$0.38566	\$(0.02329)	\$0.48079
Block 2: Next 20,000 therms	\$0.10600		\$0.38566	\$(0.02359)	\$0.46807
Block 3: Next 20,000 therms	\$0.08129		\$0.38566	\$(0.02419)	\$0.44276
Block 4: Next 100,000 therms	\$0.06503		\$0.38566	\$(0.02459)	\$0.42610
Block 5: Next 600,000 therms	\$0.04335		\$0.38566	\$(0.02512)	\$0.40389
Block 6: All additional therms	\$0.01626		\$0.38566	\$(0.02578)	\$0.37614
Interruptible Pipeline Capacity Charge (per therm):					\$0.04826
Interruptible Sales Service Storage Charge (per therm of MDDV per month)					\$0.10208

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- [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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Cancels Sixth Revision of Sheet 142.11

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

MONTHLY TRANSPORTATION RATES:

Effective: November 1, 2012

(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.

FIRM TRANSPORTATION SERVICE CHARGES (I42TF and C42TF) [1]:					Billing Rates
Customer Charge (per month):					\$1,300.00
Transportation Charge (per month):					\$250.00
Volumetric Charges (per therm)	Base Rate			Total Temporary Adjustments [2]	
Block 1: 1 st 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):					\$0.13815
INTERRUPTIBLE TRANSPORTATION SERVICE CHARGES (I42TI and C42TI) [3]:					
Customer Charge (per month):					\$1,300.00
Transportation Charge (per month):					\$250.00
Volumetric Charges (per therm)	Base Rate			Temporary Adjustments [2]	
Block 1: 1 st 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 Seventh Revision of Sheet 143.6
 Cancels Sixth Revision of Sheet 143.6

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

MONTHLY RATE:

Effective November 1, 2012 (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.

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

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

[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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 WN U-6 Ninth Revision of Sheet 201.2
 Cancels Eighth Revision of Sheet 201.2

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

APPLICATION TO RATE SCHEDULES (continued):

Effective: November 1, 2012 (T)

Schedule	Block	Account 191 Commodity Adjustment	Account 191 Pipeline Capacity Adjustment	Account 186 Net Adjustments	Total Temporary Adjustment
42 ISF	Block 1	\$(0.01668)	\$(0.02721)	\$0.00351	\$(0.04038)
	Block 2	\$(0.01668)	\$(0.02721)	\$0.00314	\$(0.04075)
	Block 3	\$(0.01668)	\$(0.02721)	\$0.00241	\$(0.04148)
	Block 4	\$(0.01668)	\$(0.02721)	\$0.00193	\$(0.04196)
	Block 5	\$(0.01668)	\$(0.02721)	\$0.00128	\$(0.04261)
	Block 6	\$(0.01668)	\$(0.02721)	\$0.00048	\$(0.04341)
42 TF	Block 1	N/A	N/A	\$0.00000	\$0.00000
	Block 2	N/A	N/A	\$0.00000	\$0.00000
	Block 3	N/A	N/A	\$0.00000	\$0.00000
	Block 4	N/A	N/A	\$0.00000	\$0.00000
	Block 5	N/A	N/A	\$0.00000	\$0.00000
	Block 6	N/A	N/A	\$0.00000	\$0.00000
42 CSI	Block 1	\$(0.01668)	\$(0.00950)	\$0.00604	\$(0.02014)
	Block 2	\$(0.01668)	\$(0.00950)	\$0.00541	\$(0.02077)
	Block 3	\$(0.01668)	\$(0.00950)	\$0.00415	\$(0.02203)
	Block 4	\$(0.01668)	\$(0.00950)	\$0.00331	\$(0.02287)
	Block 5	\$(0.01668)	\$(0.00950)	\$0.00221	\$(0.02397)
	Block 6	\$(0.01668)	\$(0.00950)	\$0.00082	\$(0.02536)
42 ISI	Block 1	\$(0.01668)	\$(0.00950)	\$0.00289	\$(0.02329)
	Block 2	\$(0.01668)	\$(0.00950)	\$0.00259	\$(0.02359)
	Block 3	\$(0.01668)	\$(0.00950)	\$0.00199	\$(0.02419)
	Block 4	\$(0.01668)	\$(0.00950)	\$0.00159	\$(0.02459)
	Block 5	\$(0.01668)	\$(0.00950)	\$0.00106	\$(0.02512)
	Block 6	\$(0.01668)	\$(0.00950)	\$0.00040	\$(0.02578)
42 TI	Block 1	N/A	N/A	\$0.00000	\$0.00000
	Block 2	N/A	N/A	\$0.00000	\$0.00000
	Block 3	N/A	N/A	\$0.00000	\$0.00000
	Block 4	N/A	N/A	\$0.00000	\$0.00000
	Block 5	N/A	N/A	\$0.00000	\$0.00000
	Block 6	N/A	N/A	\$0.00000	\$0.00000
43 TF/TI		N/A	N/A	\$0.00000	\$0.00000

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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.

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NORTHWEST NATURAL GAS COMPANY
 WN U-6 Twentieth Revision of Sheet 203.1
 Cancels Ninteenth 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, 2012

(T)

Annual Sales WACOG [1]	\$0.38566	(R)
Winter Sales WACOG [2]	\$0.37868	(R)
Firm Sales Service Pipeline Capacity Component [3]	\$0.13815	(I)
Firm Sales Service Pipeline Capacity Component [4]	\$2.06	(I)
Interruptible Sales Service Pipeline Capacity Component [5]	\$0.04826	(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).
- [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 Seventh Revision of Sheet 220.1
 Cancels Sixth Revision of Sheet 220.1

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**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, 2012 (T)
 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		\$0.00048
1C		\$0.00035
2		\$0.00027
3C		\$0.00024
3I		\$0.00021
27		\$0.00022
41CSF	Block 1	\$0.00019
	Block 2	\$0.00017
41ICSI	Block 1	\$0.00019
	Block 2	\$0.00016
41ISF	Block 1	\$0.00019
	Block 2	\$0.00017
41ISI	Block 1	\$0.00019
	Block 2	\$0.00016
42CSF	Block 1	\$0.00013
	Block 2	\$0.00011
	Block 3	\$0.00009
	Block 4	\$0.00007
	Block 5	\$0.00005
	Block 6	\$0.00002
42ISF	Block 1	\$0.00010
	Block 2	\$0.00009
	Block 3	\$0.00007
	Block 4	\$0.00006
	Block 5	\$0.00004
	Block 6	\$0.00001

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

(continue to Sheet 220.2)

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SCHEDULE 220
 SPECIAL RATE ADJUSTMENT
 (continued)

42CSI	Block 1	\$0.00008
	Block 2	\$0.00007
	Block 3	\$0.00005
	Block 4	\$0.00004
	Block 5	\$0.00003
	Block 6	\$0.00001
42ISI	Block 1	\$0.00008
	Block 2	\$0.00008
	Block 3	\$0.00006
	Block 4	\$0.00005
	Block 5	\$0.00003
	Block 6	\$0.00001

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GENERAL TERMS:

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NORTHWEST NATURAL GAS COMPANY

WN U-6

Fourth Revision of Sheet 230.1

Cancels Third 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, 2012

(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 GREAT	Schedule I WA-LIEE	Total Temporary Adjustment
1R		\$0.01385	\$0.00243	\$0.01628
1C		\$0.01034	\$0.00181	\$0.01215
2		\$0.00794	\$0.00139	\$0.00933
3 (CSF)		\$0.00708	\$0.00124	\$0.00832
3 (ISF)		\$0.00623	\$0.00109	\$0.00732
27		\$0.00642	\$0.00113	\$0.00755
41 (CSF)	Block 1	\$0.00552	\$0.00097	\$0.00649
	Block 2	\$0.00487	\$0.00085	\$0.00572
41 (CSI)	Block 1	\$0.00541	\$0.00095	\$0.00636
	Block 2	\$0.00477	\$0.00083	\$0.00560
41 (ISF)	Block 1	\$0.00550	\$0.00096	\$0.00646
	Block 2	\$0.00485	\$0.00085	\$0.00570
41 (ISI)	Block 1	\$0.00541	\$0.00095	\$0.00636
	Block 2	\$0.00477	\$0.00083	\$0.00560
42 (CSF)	Block 1	\$0.00373	\$0.00065	\$0.00438
	Block 2	\$0.00334	\$0.00058	\$0.00392
	Block 3	\$0.00256	\$0.00045	\$0.00301
	Block 4	\$0.00205	\$0.00036	\$0.00241
	Block 5	\$0.00137	\$0.00024	\$0.00161
	Block 6	\$0.00051	\$0.00009	\$0.00060
42 (ISF)	Block 1	\$0.00299	\$0.00052	\$0.00351
	Block 2	\$0.00267	\$0.00047	\$0.00314
	Block 3	\$0.00205	\$0.00036	\$0.00241
	Block 4	\$0.00164	\$0.00029	\$0.00193
	Block 5	\$0.00109	\$0.00019	\$0.00128
	Block 6	\$0.00041	\$0.00007	\$0.00048

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 Cancels First Revision of 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, 2012 (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 GREAT	Schedule I WA-LIEE	Total Temporary Adjustment
42 (CSI)	Block 1	\$0.00220	\$0.00039	\$0.00259
	Block 2	\$0.00197	\$0.00035	\$0.00232
	Block 3	\$0.00151	\$0.00027	\$0.00178
	Block 4	\$0.00121	\$0.00021	\$0.00142
	Block 5	\$0.00081	\$0.00014	\$0.00095
	Block 6	\$0.00030	\$0.00005	\$0.00035
42 (ISI)	Block 1	\$0.00246	\$0.00043	\$0.00289
	Block 2	\$0.00220	\$0.00039	\$0.00259
	Block 3	\$0.00169	\$0.00030	\$0.00199
	Block 4	\$0.00135	\$0.00024	\$0.00159
	Block 5	\$0.00090	\$0.00016	\$0.00106
	Block 6	\$0.00034	\$0.00006	\$0.00040

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GENERAL TERMS:

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