

**NORTHWEST NATURAL GAS COMPANY**

WN U-6

Twenty-Second Revision of Sheet 101.1

Cancels 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, 2013

(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	\$0.68370	\$0.14005	\$0.39697	\$0.01215	<b>\$1.23287</b>
Commercial	\$0.68341	\$0.14005	\$0.39697	\$0.00320	<b>\$1.22363</b>

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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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**NORTHWEST NATURAL GAS COMPANY**

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Twenty-Second Revision of Sheet 102.1

Cancels Twenty-First 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, 2013

(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)	\$0.41405	\$0.14005	\$0.39697	\$(0.00464)	<b>\$0.94643</b>

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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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**NORTHWEST NATURAL GAS COMPANY**WN U-6 Tenth Revision of Sheet 103.3  
Cancels Ninth Revision of Sheet 103.3

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**RATE SCHEDULE 3  
BASIC FIRM SALES SERVICE - NON-RESIDENTIAL  
(continued)****MONTHLY RATE:** Effective: November 1, 2013

(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 [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	\$0.41814		\$0.14005	\$0.39697	\$(0.00760)	<b>\$0.94756</b>
Industrial	\$0.41806		\$0.14005	\$0.39697	\$(0.02796)	<b>\$0.92712</b>
<b>Standby Charge (per therm of MHDV) [3]:</b>						<b>\$5.00</b>

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[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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Twenty-Second Revision of Sheet 127.1

Cancels Twenty-First 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, 2013

(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	---	---	---	<b>\$6.00</b>
Volumetric Charge (per therm)					
All therms	\$0.25386	\$0.14005	\$0.39697	\$(0.01027)	<b>\$0.78061</b>

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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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Eighth Revision of Sheet 141.9

Cancels Seventh Revision of Sheet 141.9

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

**MONTHLY RATES FOR COMMERCIAL CUSTOMER CLASS:**

Effective: November 1, 2013

(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>					<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	\$0.30130		\$0.39697	\$(0.01248)	<b>\$0.68579</b>
Block 2: All additional therms	\$0.26549		\$0.39697	\$(0.01460)	<b>\$0.64786</b>
<b>Pipeline Capacity Charge Options (select one):</b>					
Firm Pipeline Capacity Charge - Volumetric option (per therm):					<b>\$0.14005</b>
Firm Pipeline Capacity Charge - Peak Demand option (per therm of MDDV):					<b>\$2.09</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	\$0.30108		\$0.39697	\$(0.00132)	<b>\$0.69673</b>
Block 2: All additional therms	\$0.26527		\$0.39697	\$(0.00333)	<b>\$0.65891</b>
Plus: Interruptible Pipeline Capacity Charge - Volumetric (per therm):					<b>\$0.04892</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			\$(0.00272)	<b>\$0.29805</b>
Block 2: All additional therms	\$0.26500			\$(0.00240)	<b>\$0.26260</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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Third Revision of Sheet 141.10

Cancels Second Revision of Sheet 141.10

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

**MONTHLY RATES FOR INDUSTRIAL CUSTOMER CLASS:**

Effective: November 1, 2013

(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 (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	\$0.30133		\$0.39697	\$(0.02825)	<b>\$0.67005</b>
Block 2: All additional therms	\$0.26551		\$0.39697	\$(0.02850)	<b>\$0.63398</b>
<b>Pipeline Capacity Charge Options (select one):</b>					
Firm Pipeline Capacity Charge - Volumetric option (per therm):					<b>\$0.14005</b>
Firm Pipeline Capacity Charge - Peak Demand option (per therm of MDDV):					<b>\$2.09</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	\$0.30108		\$0.39697	\$(0.01623)	<b>\$0.68182</b>
Block 2: All additional therms	\$0.26527		\$0.39697	\$(0.01646)	<b>\$0.64578</b>
Plus: Interruptible Pipeline Capacity Charge - Volumetric (per therm):					<b>\$0.04892</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			\$(0.00272)	<b>\$0.29805</b>
Block 2: All additional therms	\$0.26500			\$(0.00240)	<b>\$0.26260</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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Ninth Revision of Sheet 142.10

Cancels Eighth 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, 2013

(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>				<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	\$0.11854	\$0.39697	\$(0.01885)	<b>\$0.49666</b>
Block 2: Next 20,000 therms	\$0.10611	\$0.39697	\$(0.02004)	<b>\$0.48304</b>
Block 3: Next 20,000 therms	\$0.08138	\$0.39697	\$(0.02245)	<b>\$0.45590</b>
Block 4: Next 100,000 therms	\$0.06510	\$0.39697	\$(0.02401)	<b>\$0.43806</b>
Block 5: Next 600,000 therms	\$0.04340	\$0.39697	\$(0.02612)	<b>\$0.41425</b>
Block 6: All additional therms	\$0.01627	\$0.39697	\$(0.02873)	<b>\$0.38451</b>
<b>42 ISF Volumetric Charges (per therm):</b>				
Block 1: 1 <sup>st</sup> 10,000 therms	\$0.11851	\$0.39697	\$(0.02912)	<b>\$0.48636</b>
Block 2: Next 20,000 therms	\$0.10608	\$0.39697	\$(0.02925)	<b>\$0.47380</b>
Block 3: Next 20,000 therms	\$0.08135	\$0.39697	\$(0.02949)	<b>\$0.44883</b>
Block 4: Next 100,000 therms	\$0.06508	\$0.39697	\$(0.02965)	<b>\$0.43240</b>
Block 5: Next 600,000 therms	\$0.04340	\$0.39697	\$(0.02987)	<b>\$0.41050</b>
Block 6: All additional therms	\$0.01626	\$0.39697	\$(0.03014)	<b>\$0.38309</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>\$0.14005</b>
Firm Pipeline Capacity Charge - Peak Demand option (per therm of MDDV per month):				<b>\$2.09</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.

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**NORTHWEST NATURAL GAS COMPANY**

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Fourth Revision of Sheet 142.10.1

Cancels Third 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, 2013

(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>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	\$0.11842		\$0.39697	\$(0.01178)	\$0.50361
Block 2: Next 20,000 therms	\$0.10599		\$0.39697	\$(0.01245)	\$0.49051
Block 3: Next 20,000 therms	\$0.08128		\$0.39697	\$(0.01378)	\$0.46447
Block 4: Next 100,000 therms	\$0.06502		\$0.39697	\$(0.01466)	\$0.44733
Block 5: Next 600,000 therms	\$0.04335		\$0.39697	\$(0.01582)	\$0.42450
Block 6: All additional therms	\$0.01626		\$0.39697	\$(0.01727)	\$0.39596
Interruptible Pipeline Capacity Charge (per therm):					<b>\$0.04892</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	\$0.11842		\$0.39697	\$(0.01722)	\$0.49817
Block 2: Next 20,000 therms	\$0.10600		\$0.39697	\$(0.01732)	\$0.48565
Block 3: Next 20,000 therms	\$0.08129		\$0.39697	\$(0.01750)	\$0.46076
Block 4: Next 100,000 therms	\$0.06503		\$0.39697	\$(0.01763)	\$0.44437
Block 5: Next 600,000 therms	\$0.04335		\$0.39697	\$(0.01781)	\$0.42251
Block 6: All additional therms	\$0.01626		\$0.39697	\$(0.01802)	\$0.39521
Interruptible Pipeline Capacity Charge (per therm):					<b>\$0.04892</b>
Interruptible Sales Service Storage Charge (per therm of MDDV per month)					<b>\$0.10208</b>

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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 Seventh Revision of Sheet 142.11

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

**MONTHLY TRANSPORTATION RATES:**

Effective: November 1, 2013

(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			\$(0.00115)	<b>\$0.11703</b>
Block 2: Next 20,000 therms	\$0.10579			\$(0.00103)	<b>\$0.10476</b>
Block 3: Next 20,000 therms	\$0.08112			\$(0.00079)	<b>\$0.08033</b>
Block 4: Next 100,000 therms	\$0.06490			\$(0.00063)	<b>\$0.06427</b>
Block 5: Next 600,000 therms	\$0.04327			\$(0.00042)	<b>\$0.04285</b>
Block 6: All additional therms	\$0.01622			\$(0.00016)	<b>\$0.01606</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			\$(0.00105)	<b>\$0.11713</b>
Block 2: Next 20,000 therms	\$0.10579			\$(0.00094)	<b>\$0.10485</b>
Block 3: Next 20,000 therms	\$0.08112			\$(0.00072)	<b>\$0.08040</b>
Block 4: Next 100,000 therms	\$0.06490			\$(0.00058)	<b>\$0.06432</b>
Block 5: Next 600,000 therms	\$0.04327			\$(0.00038)	<b>\$0.04289</b>
Block 6: All additional therms	\$0.01622			\$(0.00014)	<b>\$0.01608</b>

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[1] For Firm Transportation Service, the Monthly Bill shall equal the sum of the Customer Charge, plus Transportation Charge, plus the Volumetric Charges, plus the Distribution Capacity Charge, plus any other charges that may apply from Schedule C or Schedule 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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**RATE SCHEDULE 43  
HIGH VOLUME NON-RESIDENTIAL  
FIRM AND INTERRUPTIBLE TRANSPORTATION SERVICE  
(continued)**

**MONTHLY RATE:**

Effective November 1, 2013 (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	\$(0.00004)	<b>\$0.00495</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> .				

(R)

<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	\$(0.00004)	<b>\$0.00495</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> .				

(R)

[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

Twentieth Revision of Sheet 201.1

Cancels Nineteenth 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)	

**APPLICATION TO RATE SCHEDULES:**

Effective: November 1, 2013

(T)

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		\$(0.01161)	\$(0.01869)	\$0.04245	\$0.01215
1C		\$(0.01161)	\$(0.01869)	\$0.03350	\$0.00320
2		\$(0.01161)	\$(0.01869)	\$0.02566	\$(0.00464)
03 CSF		\$(0.01161)	\$(0.01869)	\$0.02270	\$(0.00760)
03 ISF		\$(0.01161)	\$(0.01869)	\$0.00234	\$(0.02796)
27		\$(0.01161)	\$(0.01869)	\$0.02003	\$(0.01027)
41 CSF	Block 1	\$(0.01161)	\$(0.01869)	\$0.01782	\$(0.01248)
	Block 2	\$(0.01161)	\$(0.01869)	\$0.01570	\$(0.01460)
41 CSI	Block 1	\$(0.01161)	\$(0.00653)	\$0.01682	\$(0.00132)
	Block 2	\$(0.01161)	\$(0.00653)	\$0.01481	\$(0.00333)
41 TF	Block 1	N/A	N/A	\$(0.00272)	\$(0.00272)
	Block 2	N/A	N/A	\$(0.00240)	\$(0.00240)
41 ISF	Block 1	\$(0.01161)	\$(0.01869)	\$0.00205	\$(0.02825)
	Block 2	\$(0.01161))	\$(0.01869)	\$0.00180	\$(0.02850)
41 ISI	Block 1	\$(0.01161)	\$(0.00653)	\$0.00191	\$(0.01623)
	Block 2	\$(0.01161)	\$(0.00653)	\$0.00168	\$(0.01646)
42 CSF	Block 1	\$(0.01161)	\$(0.01869)	\$0.01145	\$(0.01885)
	Block 2	\$(0.01161)	\$(0.01869)	\$0.01026	\$(0.02004)
	Block 3	\$(0.01161)	\$(0.01869)	\$0.00785	\$(0.02245)
	Block 4	\$(0.01161)	\$(0.01869)	\$0.00629	\$(0.02401)
	Block 5	\$(0.01161)	\$(0.01869)	\$0.00418	\$(0.02612))
	Block 6	\$(0.01161)	\$(0.01869)	\$0.00157	\$(0.02873)

(C)

(C)

(continue to Sheet 201.2)

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## NORTHWEST NATURAL GAS COMPANY

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Eleventh Revision of Sheet 201.2

Cancels Tenth Revision of Sheet 201.2

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

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

Effective: November 1, 2013

(T)

Schedule	Block	Account 191 Commodity Adjustment	Account 191 Pipeline Capacity Adjustment	Account 186 Net Adjustments	Total Temporary Adjustment
42 ISF	Block 1	\$(0.01161)	\$(0.01869)	\$0.00118	<b>\$(0.02912)</b>
	Block 2	\$(0.01161)	\$(0.01869)	\$0.00105	<b>\$(0.02925)</b>
	Block 3	\$(0.01161)	\$(0.01869)	\$0.00081	<b>\$(0.02949)</b>
	Block 4	\$(0.01161)	\$(0.01869)	\$0.00065	<b>\$(0.02965)</b>
	Block 5	\$(0.01161)	\$(0.01869)	\$0.00043	<b>\$(0.02987)</b>
	Block 6	\$(0.01161)	\$(0.01869)	\$0.00016	<b>\$(0.03014)</b>
42 TF	Block 1	N/A	N/A	\$(0.00115)	<b>\$(0.00115)</b>
	Block 2	N/A	N/A	\$(0.00103)	<b>\$(0.00103)</b>
	Block 3	N/A	N/A	\$(0.00079)	<b>\$(0.00079)</b>
	Block 4	N/A	N/A	\$(0.00063)	<b>\$(0.00063)</b>
	Block 5	N/A	N/A	\$(0.00042)	<b>\$(0.00042)</b>
	Block 6	N/A	N/A	\$(0.00016)	<b>\$(0.00016)</b>
42 CSI	Block 1	\$(0.01161)	\$(0.00653)	\$0.00636	<b>\$(0.01178)</b>
	Block 2	\$(0.01161)	\$(0.00653)	\$0.00569	<b>\$(0.01245)</b>
	Block 3	\$(0.01161)	\$(0.00653)	\$0.00436	<b>\$(0.01378)</b>
	Block 4	\$(0.01161)	\$(0.00653)	\$0.00348	<b>\$(0.01466)</b>
	Block 5	\$(0.01161)	\$(0.00653)	\$0.00232	<b>\$(0.01582)</b>
	Block 6	\$(0.01161)	\$(0.00653)	\$0.00087	<b>\$(0.01727)</b>
42 ISI	Block 1	\$(0.01161)	\$(0.00653)	\$0.00092	<b>\$(0.01722)</b>
	Block 2	\$(0.01161)	\$(0.00653)	\$0.00082	<b>\$(0.01732)</b>
	Block 3	\$(0.01161)	\$(0.00653)	\$0.00064	<b>\$(0.01750)</b>
	Block 4	\$(0.01161)	\$(0.00653)	\$0.00051	<b>\$(0.01763)</b>
	Block 5	\$(0.01161)	\$(0.00653)	\$0.00033	<b>\$(0.01781)</b>
	Block 6	\$(0.01161)	\$(0.00653)	\$0.00012	<b>\$(0.01802)</b>
42 TI	Block 1	N/A	N/A	\$(0.00105)	<b>\$(0.00105)</b>
	Block 2	N/A	N/A	\$(0.00094)	<b>\$(0.00094)</b>
	Block 3	N/A	N/A	\$(0.00072)	<b>\$(0.00072)</b>
	Block 4	N/A	N/A	\$(0.00058)	<b>\$(0.00058)</b>
	Block 5	N/A	N/A	\$(0.00038)	<b>\$(0.00038)</b>
	Block 6	N/A	N/A	\$(0.00014)	<b>\$(0.00014)</b>
43 TF/TI		N/A	N/A	\$(0.00004)	<b>\$(0.00004)</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.

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