Northern Utilities, Inc. New Hampshire Division Winter 2014-2015 Cost of Gas

Tariff Sheets

Third Revised Page No. 43 Calculation of proposed Cost of Gas Adjustment

> Third Revised Page No. 96 Rate Summary

> Third Revised Page No. 97 Rate Summary

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: November 1, 2014 - April 30, 2015

(Col 1)	(Col 2)	(Col 3)	
Total Anticipated Direct Cost of Gas Projected Prorated Sales (11/01/14 - 04/30/15) Direct Cost of Gas Rate	\$37,966,081 32,046,338	\$1.1847	per therm
Demand Cost of Gas Rate Commodity Cost of Gas Rate Total Direct Cost of Gas Rate	\$12,605,326 \$ <u>25,360,756</u> \$37,966,081	\$0.3933 \$ <u>0.7914</u> \$1.1847	per therm per therm per therm
Total Anticipated Indirect Cost of Gas Projected Prorated Sales (11/01/14 - 04/30/15) Indirect Cost of Gas	(\$2,492,322) 32,046,338	(\$0.0778)	per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$1.1069	per therm
Period ending under-collection as determined on 12/19/14 Projected sales (01/01/15 - 04/30/15) Per unit change in Cost of Gas (01/01/15 - 04/30/15)	(\$1,082,626) 21,875,707 (\$0.0495)		
Period ending under-collection as determined on 1/26/15 Projected sales (02/01/15 - 04/30/15) Per unit change in Cost of Gas (02/01/15 - 04/30/15) 1 Under-collection w/o rate adjustement as contained in NUI's COG Report dated January 26, 2015	(\$1,323,342) 14,227,313 (\$0.0930)		

RESIDENTIAL COST OF GAS RATE - 02/01/15	COGwr	\$0.9644	per therm
	Maximum (COG+25%)	\$1.3836	
RESIDENTIAL COST OF GAS RATE - 11/01/14		\$1.1069	
CHANGE IN PER UNIT COST		(\$0.0495)	
RESDIENTIAL COST OF GAS RATE - 01/01/15		\$1.0574	
CHANGE IN PER UNIT COST		(\$0.0930)	
RESDIENTIAL COST OF GAS RATE - 02/01/15		\$0.9644	

COM/IND LOW WINTER USE COST OF GAS RATE - 02/01/15	COGwl	\$0.8638	per therm
	Maximum (COG+25%)	\$1.2579	
COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/14		\$1.0063	
CHANGE IN PER UNIT COST		(\$0.0495)	
COM/IND LOW WINTER USE COST OF GAS RATE - 01/01/15		\$0.9568	
CHANGE IN PER UNIT COST		(\$0.0930)	
COM/IND LOW WINTER USE COST OF GAS RATE - 02/01/15		\$0.8638	

OM/IND HIGH WINTER USE COST OF GAS RATE - 02/01/15	COGwh	\$0.9792 per therm
	Maximum (COG+25%)	\$1.4021
COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/14		\$1.1217
CHANGE IN PER UNIT COST		(\$0.0495)
COM/IND HIGH WINTER USE COST OF GAS RATE - 01/01/15		\$1.0722
CHANGE IN PER UNIT COST		(\$0.0930)
COM/IND HIGH WINTER USE COST OF GAS RATE - 02/01/15		\$0.9792
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Authorized by NHPUC Order No. 25,731 in Docket No. DG 14-239, dated October 31, 2014.

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION WINTER SEASON RESIDENTIAL RATES

	Winter Season		Total	Total Bille	d Rates
	November 2014 - April 2015	Tariff	Delivery Rates	Tariff Rate	
	·	Rates	(Includes LDAC)	Plus Cost	of Gas
Residential Heating	Tariff Rate R 5:				
	Monthly Customer Charge	\$20.01	\$20.01		\$20.01
	First 50 therms	\$0.5844	\$0.6493	\$1.6137	
	All usage over 50 therms	\$0.4780	\$0.5429	\$1.5073	
	LDAC	\$0.0649			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.9644			
Residential Heating	Tariff Rate R 10:				
Low Income	Monthly Customer Charge	\$8.00	\$8.00		\$8.00
	First 50 therms	\$0.2338	\$0.2987	\$1.2631	
	All usage over 50 therms	\$0.1912	\$0.2561	\$1.2205	
	LDAC	\$0.0649			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.9644			
Residential Non-Heating	Tariff Rate R 6:				
	Monthly Customer Charge	\$20.01	\$20.01		\$20.01
	First 10 therms	\$0.3947	\$0.4596	\$1.4240	
	All usage over 10 therms	\$0.3947	\$0.4596	\$1.4240	
	LDAC	\$0.0649			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.9644			
Residential Non-Heating	Tariff Rate R 11:				
Low Income	Monthly Customer Charge	\$14.54	\$14.54		\$14.54
	First 10 therms	\$0.2993	\$0.3642	\$1.3286	* = -
	All usage over 10 therms	\$0.2993	\$0.3642	\$1.3286	
	LDAC	\$0.0649	-		
	Gas Cost Adjustment:				
	Cost of Gas	\$0.9644			

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Title:

Treasurer

Authorized by NHPUC Order No. 25,731 in Docket No. DG 14-239, dated October 31, 2014.

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION WINTER SEASON C&I RATES

	Winter Season November 2014 - April 2015	Tariff	Total Delivery Rates	Total Billed Rates Tariff Rates, LDAC
	T''' D. () . ()	Rates	(Includes LDAC)	Plus Cost of Gas
C&I Low Annual/High Winter	Tariff Rate G 40:	#CO 40	¢c2.40	¢c2.40
	Monthly Customer Charge	\$63.18	\$63.18	\$63.18
	First 75 therms	\$0.1513	\$0.1950	\$1.1742
	All usage over 75 therms	\$0.1513	\$0.1950	\$1.1742
	LDAC	\$0.0437		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.9792		
C&I Low Annual/Low Winter	Tariff Rate G 50:			
	Monthly Customer Charge	\$63.18	\$63.18	\$63.18
	First 75 therms	\$0.1513	\$0.1950	\$1.0588
	All usage over 75 therms	\$0.1513	\$0.1950	\$1.0588
	LDAC	\$0.0437		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.8638		
C&I Medium Annual/High Winter	Tariff Rate G 41:			
Con Wediam Amidaly riight Winter	Monthly Customer Charge	\$184.26	\$184.26	\$184.26
	Monthly customer charge	ψ104.20	ψ104.20	Ψ104.20
	All usage	\$0.1965	\$0.2402	\$1.2194
	LDAC	\$0.0437	,	,
	Gas Cost Adjustment:	V 010101		
	Cost of Gas	\$0.9792		
C&I Medium Annual/Low Winter	Tariff Rate G 51:			
Con Mediani Annidaly Low Winter		\$184.26	\$184.26	\$184.26
	Monthly Customer Charge	\$0.1424	\$0.1861	\$1.0499
	First 1,300 therms	·		
	All usage over 1,300 therms	\$0.1160	\$0.1597	\$1.0235
	LDAC	\$0.0437		
	Gas Cost Adjustment:	40.0000		
	Cost of Gas	\$0.8638		
C&I High Annual/High Winter	Tariff Rate G 42:			
	Monthly Customer Charge	\$1,052.94	\$1,052.94	\$1,052.94
	Allusa	\$0.4050	¢0.2000	¢4 4004
	All usage	\$0.1652	\$0.2089	\$1.1881
	LDAC	\$0.0437		
	Gas Cost Adjustment:	40.000		
	Cost of Gas	\$0.9792		
C&I High Annual/Low Winter	Tariff Rate G 52:			
	Monthly Customer Charge	\$1,052.94	\$1,052.94	\$1,052.94
	All usage	\$0.1443	\$0.1880	\$1.0518
	LDAC	\$0.0437		
	Gas Cost Adjustment:	1		
	Cost of Gas	\$0.8638		

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CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: November 1, 2014 - April 30, 2015

(Col 1)	(Col 2)	(Col 3)	
Total Anticipated Direct Cost of Gas	\$37,966,081		
Projected Prorated Sales (11/01/14- 04/30/15) Direct Cost of Gas Rate	32,046,338	\$1.1847	per therm
Demand Cost of Gas Rate	\$12,605,326	\$0.3933	per therm
Commodity Cost of Gas Rate Total Direct Cost of Gas Rate	\$ <u>25,360,756</u> \$37.966.081	\$ <u>0.7914</u> \$1.1847	per therm per therm
Total Direct Cost of Gas Nate	\$37,900,001	\$1.1047	per memi
Total Anticipated Indirect Cost of Gas	(\$2,492,322)		
Projected Prorated Sales (11/01/14- 04/30/15) Indirect Cost of Gas	32,046,338	(\$0.0778)	per therm
		(+)	p = 1
TOTAL PERIOD AVERAGE COST OF GAS		\$1.1069	per therm
Period ending under-collection as determined on 12/19/14	(\$1,082,626)		
Projected sales (01/01/15 - 04/30/15)	21,875,707		
Per unit change in Cost of Gas (12/01/14 - 04/30/15)	(\$0.0495)		
⁻¹ Under-collection w/o rate adjustement as contained in NUI's COG Report dated December 19, 20	014		
Period ending under-collection as determined on 1/26/15	(\$1,323,342)		
Projected sales (02/01/15 - 04/30/15)	14,227,313		
Per unit change in Cost of Gas (02/01/15 - 04/30/15)	<u>(\$0.0930)</u>		
-1 Under-collection w/o rate adjustement as contained in NUI's COG Report dated January 26, 2015	<u>5</u>		

RESIDENTIAL COST OF GAS RATE - 01/01/15 02/01/15	COGwr	\$1.057 4 <u>\$0.9644</u>	per therm
	Maximum (COG+25%)	\$1.3836	
RESIDENTIAL COST OF GAS RATE - 11/01/14		\$1.1069	
CHANGE IN PER UNIT COST		(\$0.0495)	
RESIDENTIAL COST OF GAS RATE - 01/01/15		\$1.0574	
CHANGE IN PER UNIT COST		(\$0.0930)	
RESIDENTIAL COST OF GAS RATE - 02/01/15		\$0.9644	

COM/IND LOW WINTER USE COST OF GAS RATE - <u>0</u> 1/ 0 1/ 1 15 <u>02/01/15</u>	COGwl	\$0.9568 <u>\$0.8638</u>	per therm
	Maximum (COG+25%)	\$1.2579	
COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/14 CHANGE IN PER UNIT COST COM/IND LOW WINTER USE COST OF GAS RATE - 01/01/15 CHANGE IN PER UNIT COST COM/IND LOW WINTER USE COST OF GAS RATE - 02/01/15		\$1.0063 (\$0.0495) \$0.9568 (\$0.0930) \$0.8638	

COM/IND HIGH WINTER USE COST OF GAS RATE - 1/01/15 02/01/15	COGwh	\$1.0722 <u>\$0.9792</u>	per therm
	Maximum (COG+25%)	\$1.4021	
COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/14		\$1.1217	
CHANGE IN PER UNIT COST COM/IND HIGH WINTER USE COST OF GAS RATE - 01/01/15		(\$0.0495) \$1.0722	
CHANGE IN PER UNIT COST COM/IND HIGH WINTER USE COST OF GAS RATE - 02/01/15		(\$0.0930) \$0.9792	

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION WINTER SEASON RESIDENTIAL RATES

	Winter Season November 2014 - April 2015	Tariff	Total Delivery Rates	<u>Total Billed Rates</u> Tariff Rates, LDAC
		Rates	(Includes LDAC)	Plus Cost of Gas
Residential Heating	Tariff Rate R 5:		(
	Monthly Customer Charge	\$20.01	\$20.01	\$20.01
	First 50 therms	\$0.5844	\$0.6493	\$1.7067 \$1.6137
	All usage over 50 therms	\$0.4780	\$0.5429	\$1.6003 \$1.5073
	LDAC	\$0.0649		
	Gas Cost Adjustment:			
	Cost of Gas	\$1.0574 <u>\$0.9644</u>		
Residential Heating	Tariff Rate R 10:		-1	1
Low income	Monthly Customer Charge	\$8.00	\$8.00	\$8.00
Low income	First 50 therms	\$0.2338	\$0.2987	\$1.3561 \$1.2631
	All usage over 50 therms	\$0.1912	\$0.2561	\$1.3135 \$1.2205
	LDAC	\$0.0649	\$0.2301	\$1.2100
	Gas Cost Adjustment:	ψ0.0043		
	Cost of Gas	\$1.0574 \$0.9644		
	Cost of das	ψ1.0014 <u>ψ0.3044</u>		
Residential Non-Heating	Tariff Rate R 6:			
	Monthly Customer Charge	\$20.01	\$20.01	\$20.01
	First 10 therms	\$0.3947	\$0.4596	\$1.5170 \$1.4240
	All usage over 10 therms	\$0.3947	\$0.4596	\$1.5170 \$1.4240
	LDAC	\$0.0649		
	Gas Cost Adjustment:			
	Cost of Gas	\$1.0574 <u>\$0.9644</u>		
n	Tariff Data D 44			<u> </u>
Residential Non-Heating	Tariff Rate R 11:	¢44.54	¢44.54	644.54
Low income	Monthly Customer Charge	\$14.54	\$14.54	\$14.54
	First 10 therms	\$0.2993 \$0.2993	\$0.3642 \$0.3642	\$1.4216 \$1.3286 \$1.4216 \$1.3286
	All usage over 10 therms	*	ֆ Ս.364∠	\$1.4216 <u>\$1.3286</u>
		\$0.0649		
	Gas Cost Adjustment:			
	Cost of Gas	\$1.0574 \$0.9644		

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NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION WINTER SEASON RESIDENTIAL RATES

	Winter Season November 2014 - April 2015	Tariff Rates	Total Delivery Rates (Includes LDAC)	<u>Total Billed Rates</u> Tariff Rates, LDAC Plus Cost of Gas
C&I Low Annual/High Winter	Tariff Rate G 40: Monthly Customer Charge First 75 therms All usage over 75 therms LDAC Gas Cost Adjustment:	\$63.18 \$0.1513 \$0.1513 \$0.0437	\$63.18 \$0.1950 \$0.1950	\$63.18 \$1.2672 \$1.2672 \$1.1742
	Cost of Gas	\$1.0722 <u>\$0.9792</u>		
C&I Low Annual/Low Winter	Tariff Rate G 50: Monthly Customer Charge First 75 therms All usage over 75 therms LDAC Gas Cost Adjustment: Cost of Gas	\$63.18 \$0.1513 \$0.1513 \$0.0437 \$0.9568 \$0.8638	\$63.18 \$0.1950 \$0.1950	\$63.18 \$1.1518 \$1.0588 \$1.1518 \$1.0588
00144 11 4 1/1/1 147	<u> </u>	, , , , , , , , , , , , , , , , , , ,		
C&I Medium Annual/High Winter	Tariff Rate G 41: Monthly Customer Charge	\$184.26	\$184.26	\$184.26
	All usage LDAC Gas Cost Adjustment: Cost of Gas	\$0.1965 \$0.0437 \$1.0722 \$0.9792	\$0.2402	\$1.3124 \$1.2194
	<u> </u>	ψ1.012E <u>ψ0.3132</u>		
C&I Medium Annual/Low Winter	Tariff Rate G 51: Monthly Customer Charge First 1,300 therms All usage over 1,300 therms LDAC Gas Cost Adjustment:	\$184.26 \$0.1424 \$0.1160 \$0.0437 \$0.9568 \$0.8638	\$184.26 \$0.1861 \$0.1597	\$184.26 \$1.1429 \$1.0499 \$1.0235
	Cost of Gas	\$0.9568 \$0.8638		
C&I High Annual/High Winter	Tariff Rate G 42: Monthly Customer Charge	\$1,052.94	\$1,052.94	\$1,052.94
	All usage LDAC Gas Cost Adjustment: Cost of Gas	\$0.1652 \$0.0437 \$1.0722 \$0.9792	\$0.2089	\$ 1.2811 \$ <u>1.1881</u>
C&I High Annual/Low Winter	Tariff Rate G 52: Monthly Customer Charge	\$1,052.94	\$1,052.94	\$1,052.94
	All usage LDAC Gas Cost Adjustment:	\$0.1443 \$0.0437	\$0.1880	\$ 1.1448 \$ <u>1.0518</u>
	Cost of Gas	\$0.9568 \$0.8638		

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