Northern Utilities, Inc. New Hampshire Division Summer 2015 Cost of Gas

Tariff Sheets

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

> Sixth Revised Page No. 96 Rate Summary

> Sixth Revised Page No. 97 Rate Summary

N.H.P.U.C No. 11 NORTHERN UTILITIES, INC.

Sixth Revised Page 43 Superseding Fifth Revised Page 43

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: May 1, 2015 - October 31, 2015

(Col 1)	(Col 2)	(Col 3)	
Total Anticipated Direct Cost of Gas	\$2,741,083		
Projected Prorated Sales (05/01/15- 10/31/15) Direct Cost of Gas Rate	7,371,305	\$0.3719	per therm
Demand Cost of Gas Rate	\$885,275	\$0.1201	per therm
Commodity Cost of Gas Rate	\$ <u>1,855,808</u>	\$ <u>0.2518</u>	per therm
Total Direct Cost of Gas Rate	\$2,741,083	\$0.3719	per therm
Total Anticipated Indirect Cost of Gas	(\$354,218)		
Projected Prorated Sales (05/01/15- 10/31/15)	7,371,305		
Indirect Cost of Gas		(\$0.0481)	per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$0.3238	per therm
Period ending under-collection as determined on 06/18/15	(\$271,903)		
Projected sales (07/01/15 - 10/31/15)	4,853,316		
Per unit change in Cost of Gas (07/01/15 - 10/31/15)	(\$0.0560)		
⁻¹ Under-collection w/o rate adjustement as contained in NUI's COG Report dated June 18, 2015			

RESIDENTIAL COST OF GAS RATE - 07/01/15	COGwr	\$0.2678 per therm
	Maximum (COG+25%)	\$0.4121
RESIDENTIAL COST OF GAS RATE - 05/01/15		\$0.3238
CHANGE IN PER UNIT COST		(\$0.0560)
RESIDENTIAL COST OF GAS RATE - 07/01/15		\$0.2678

COM/IND LOW WINTER USE COST OF GAS RATE - 07/01/15	COGwl	\$0.2052	per therm
	Maximum (COG+25%)	\$0.3265	
COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/15 CHANGE IN PER UNIT COST COM/IND LOW WINTER USE COST OF GAS RATE - 07/01/15		\$0.2612 (\$0.0560) \$0.2052	

COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/15	COGwh	\$0.2737	per therm
	Maximum (COG+25%)	\$0.4121	
COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/15 CHANGE IN PER UNIT COST COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/15		\$0.3297 (\$0.0560) \$0.2737	

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Sr. Vice President

NHPUC No. 11 - Gas NORTHERN UTILITIES, INC.

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NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION SUMMER SEASON RESIDENTIAL RATES

	Summer Season		Total	Total Bille	d Rates
	May 2015 - October 2015	Tariff	Delivery Rates	Tariff Rate	s, LDAC
		Rates	(Includes LDAC)	Plus Cost	of Gas
Residential Heating	Tariff Rate R 5:				
	Monthly Customer Charge	\$21.36	\$21.36		\$21.36
	First 50 therms	\$0.5449	\$0.5895	\$0.8573	
	All usage over 50 therms	\$0.5449	\$0.5895	\$0.8573	
	LDAC	\$0.0446			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.2678			
Residential Heating	Tariff Rate R 10:				
Low Income	Monthly Customer Charge	\$8.54	\$8.54		\$8.54
	First 50 therms	\$0.2179	\$0.2625	\$0.5303	
	All usage over 50 therms	\$0.2179	\$0.2625	\$0.5303	
	LDAC	\$0.0446			
	Gas Cost Adjustment:	-			
	Cost of Gas	\$0.2678			
Residential Non-Heating	Tariff Rate R 6:				
	Monthly Customer Charge	\$21.36	\$21.36		\$21.36
	First 10 therms	\$0.4214	\$0.4660	\$0.7338	
	All usage over 10 therms	\$0.4214	\$0.4660	\$0.7338	
	LDAC	\$0.0446			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.2678			
Residential Non-Heating	Tariff Rate R 11:				
	Monthly Customer Charge	\$15.52	\$15.52		\$15.52
Low income	First 10 therms	\$0.3196	\$15.52 \$0.3642	\$0.6320	φ15.5Z
	All usage over 10 therms	\$0.3196	\$0.3642 \$0.3642	\$0.6320 \$0.6320	
	LDAC	\$0.3196 \$0.0446	ΦU.304 Ζ	φ0.0320	
	Gas Cost Adjustment:	\$U.U440			
	Cost of Gas	\$0.2678			
	COST OF Gas	Ψυ.2010			

Issued: June 18, 2015

Issued by:

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Title: Sr. Vice President

Effective: With Service Rendered On and After July 1, 2015 Authorized by NHPUC Order No. 25,783 in Docket No. DG 15-090, dated April 30, 2015

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

SUMMER SEASON C&I RATES

	Summer Season		Total	Total Billed Rates
	May 2015 - October 2015	Tariff	Delivery Rates	Tariff Rates, LDAC
	may 2013 - October 2013	Rates	(Includes LDAC)	Plus Cost of Gas
C&I Low Annual/High Winter	Tariff Rate G 40:	Nates	(includes LDAC)	1 103 0031 01 003
Car Low Annual/High Winter	Monthly Customer Charge	\$67.45	\$67.45	\$67.45
		\$0.1615		\$0.4586
	First 75 therms			
	All usage over 75 therms	\$0.1615	\$0.1849	\$0.4586
	LDAC	\$0.0234		
	<u>Gas Cost Adjustment:</u>			
	Cost of Gas	\$0.2737		
C&I Low Annual/Low Winter	Tariff Rate G 50:			
	Monthly Customer Charge	\$67.45	\$67.45	\$67.45
	First 75 therms	\$0.1615	\$0.1849	\$0.3901
	All usage over 75 therms	\$0.1615		\$0.3901
	LDAC	\$0.0234	φ0.1040	φ 0.000 Γ
	Gas Cost Adjustment:	ψ 0.02 34		
		¢0.2052		
	Cost of Gas	\$0.2052		
C&I Medium Annual/High Winter	Tariff Rate G 41:			
	Monthly Customer Charge	\$196.73	\$\$196.73	\$196.73
		\$0.1622	\$0.1856	\$0.4593
	All usage		φ 0.10 50	\$0.4595
	LDAC	\$0.0234		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.2737		
C&I Medium Annual/Low Winter	Tariff Rate G 51:			
	Monthly Customer Charge	\$196.73	\$196.73	\$196.73
	First 1,300 therms	\$0.1183	\$0.1417	\$0.3469
	All usage over 1,300 therms	\$0.0958	\$0.1192	\$0.3244
	LDAC	\$0.0234		
	Gas Cost Adjustment:	+••••=•		
	Cost of Gas	\$0.2052		
C&I High Annual/High Winter	Tariff Rate G 42:			
confight Annual/Fight Winter	Monthly Customer Charge	\$1,124.19	\$1,124.19	\$1,124.19
	Montiny customer charge	ψ1,124.13	φ1,124.15	ψ1,124.15
	All usage	\$0.1066	\$0.1300	\$0.4037
	LDAC	\$0.0234		wortoor
	Gas Cost Adjustment:	φ 0.02 3 4		
		¢0.0707		
	Cost of Gas	\$0.2737		
C&I High Annual/Low Winter	Tariff Rate G 52:			
	Monthly Customer Charge	\$1,124.19	\$1,124.19	\$1,124.19
	All usage	\$0.0707	\$0.0941	\$0,2993
	LDAC	\$0.0234		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.2052		
		ψ0.2032		

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Title:

Sr. Vice President

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N.H.P.U.C No. 11 NORTHERN UTILITIES, INC.

Fifth <u>Sixth</u> Revised Page 43 Superseding Fourth <u>Fifth</u> Revised Page 43

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: May 1, 2015 - October 31, 2015

(Col 1)	(Col 2)	(Col 3)	
Total Anticipated Direct Cost of Gas Projected Prorated Sales (05/01/15- 10/31/15)	\$2,741,083 7,371,305		
Direct Cost of Gas Rate	1,011,000	\$0.3719	per therm
Demand Cost of Gas Rate	\$885,275	\$0.1201	per therm
Commodity Cost of Gas Rate	\$ <u>1,855,808</u>	\$ <u>0.2518</u>	per therm
Total Direct Cost of Gas Rate	\$2,741,083	\$0.3719	per therm
Total Anticipated Indirect Cost of Gas	(\$354,218)		
Projected Prorated Sales (05/01/15- 10/31/15)	7,371,305		
Indirect Cost of Gas		(\$0.0481)	per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$0.3238	per therm
Period ending over-collection as determined on 06/18/15 ¹	(\$271,903)		
Breizered color (07/01/15 10/01/15)	(4271,303)		
Projected sales (07/01/15 - 10/31/15)	4,853,316		
Per unit change in Cost of Gas (07/01/15 - 10/31/15)	<u>(\$0.0560)</u>		

⁻¹ Over-collection w/o rate adjustement as contained in NUI's COG Report dated June 18, 2015

ESIDENTIAL COST OF GAS RATE - 05/01/15 <u>07/01/15</u>	COGwr	\$0.3238 \$0.2678	per therm
	Maximum (COG+25%)	\$0.4048	
RESIDENTIAL WINTER USE COST OF GAS RATE - 05/01/15		<u>\$0.3238</u>	
CHANGE IN PER UNIT COST		(\$0.0560)	
RESIDENTIAL COST OF GAS RATE - 07/01/15		<u>\$0.2678</u>	
OM/IND LOW WINTER USE COST OF GAS RATE - 5/01/15	COGwl	\$0.2612	per therm
	Maximum (COG+25%)	\$0.3265	
COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/15		\$0.2612	
CHANGE IN PER UNIT COST		(\$0.0560)	
COM/IND LOW WINTER USE COST OF GAS RATE - 07/01/15		\$0.2052	
C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$87,435		
PLUS: RESIDENTIAL DEMAND RELOCATION TO C71 HLF	\$611		
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$ 88,045		
C&I HLF PROJECTED PRORATED SALES (05/1/15-10/31/15) DEMAND COST OF GAS RATE	1,527,740 \$0.0576		
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$384,534		
PLUS: RESIDENTIAL COMMODITY COSTS	\$43		
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$ 384,577		
C&I HLF PROJECTED PRORATED SALES (05/1/15-10/31/15)	1,527,740		
COMMODITY COST OF GAS RATE	\$0.2517		
	(*******		
INDIRECT COST OF GAS	(\$0.0481)		

COM/IND HIGH WINTER USE COST OF GAS RATE 05/01/15	COGwh	<u>\$0.3297 \$0.2737</u>	per therm
	Maximum (COG+25%)	\$0.4121	
COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/15		<u>\$0.3297</u>	
CHANGE IN PER UNIT COST		(\$0.0560)	
COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/15		<u>\$0.2737</u>	
C&ILLF COMMODITY COSTS ALLOCATED PER SMBA	\$317.519		
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	\$2,217		
C&ILLF TOTAL ADJUSTED DEMAND COSTS	\$319,736		
C&ILLF PROJECTED PRORATED SALES (05/1/15-10/31/15)	2,534,654		
DEMAND COST OF GAS RATE	\$ 0.1261		
C&ILLF COMMODITY COSTS ALLOCATED PER SMBA	\$ 637,975		
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	\$72		
C&ILLF TOTAL ADJUSTED COMMODITY COSTS	\$638,047		
C&ILLF PROJECTED PRORATED SALES (05/1/15-10/31/15)	2,534,654		
COMMODITY COST OF GAS RATE	\$0.2517		
INDIRECT COST OF GAS	(\$0.0481)		
TOTAL C&ILLF COST OF GAS RATE	\$0.3297		
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Issued By:

Treasurer Sr. Vice President

Issued: April 16 June 18, 2015 Effective Date: May July 1, 2015 Authorized by NHPUC Order No. 25,783, in Docket No. DG 15-090, dated April 30, 2015.

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NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

SUMMER SEASON RESIDENTIAL RATES

	Summer Season		Total	Total Billed Rates
	May 2015 - October 2015	Tariff	Delivery Rates	Tariff Rates, LDAC
		Rates	(Includes LDAC)	Plus Cost of Gas
Residential Heating	Tariff Rate R 5:			
	Monthly Customer Charge	\$21.36	\$21.36	<u>\$21.36</u>
	First 50 therms	\$0.5449	\$0.5895	\$0.9133 <u>\$0.8573</u>
	All usage over 50 therms	\$0.5449	\$0.5895	\$0.9133 \$0.8573
	LDAC	\$0.0446		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.3238 \$0.2678		
Residential Heating	Tariff Rate R 10:			
Low income	Monthly Customer Charge	\$8.54	\$8.54	\$8.54
	First 50 therms	\$0.2179	\$0.2625	\$0.5863 \$0.5303
	All usage over 50 therms	\$0.2179	\$0.2625	\$0.5863 \$0.5303
		\$0.0446	ψ 0.202 5	\$0.5005 <u>\$0.5505</u>
	Gas Cost Adjustment:	40.0440		
	Cost of Gas	\$0.3238 \$0.2678		
		<u> </u>		
Residential Non-Heating	Tariff Rate R 6:			
	Monthly Customer Charge	\$21.36	\$21.36	<u>\$21.36</u>
	First 10 therms	\$0.4214	\$0.4660	\$0.7898 <u>\$0.7338</u>
	All usage over 10 therms	\$0.4214	\$0.4660	\$0.7898 <u>\$0.7338</u>
	LDAC	\$0.0446		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.3238 <u>\$0.2678</u>		
Residential Non-Heating	Tariff Rate R 11:			
Low income	Monthly Customer Charge	\$15.52	\$15.52	\$15.52
	First 10 therms	\$0.3196	\$0.3642	\$0.6880 \$0.6320
	All usage over 10 therms	\$0.3196	\$0.3642	\$0.6880 \$0.6320
	LDAC	\$0.0446	\$01001E	\$0.0000 <u>\$0.0020</u>
	Gas Cost Adjustment:	\$0.0110		
		\$0.3238 \$0.2678		
	Cost of Gas	\$0.3238 <u>\$0.2678</u>		

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Issued by:

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Title: Treasurer Sr. Vice President

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NHPUC No. 11 - Gas NORTHERN UTILITIES, INC.

Fifth Sixth Revised Page 97 Superseding Fourth Fifth Revised Page 97

	Summer Season May 2015 - October 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: Cost of Gas	\$67.45 \$0.1615 \$0.0234 \$0.3297 \$0.2737	\$67.45 \$0.1849 \$0.1849	\$67.45 <mark>\$0.5146 \$0.4586 \$0.5146 \$0.4586</mark>
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	\$67.45 \$0.1615 \$0.0234 \$0.2612 <u>\$0.2052</u>	\$67.45 \$0.1849 \$0.1849	\$67.45 <mark>\$0.4461 \$0.3901</mark> \$0.4461 <u>\$0.3901</u>
C&I Medium Annual/High Winter	Tariff Rate G 41: Monthly Customer Charge All usage	\$196.73 \$0.1622	\$196.73 \$0.1856	\$196.73 \$0.5153 \$0.4593
	LDAC Gas Cost Adjustment: Cost of Gas	\$0.1022 \$0.0234 \$0.3297 <u>\$0.2737</u>	ФО. 10 50	\$0.3133 <u>30.4333</u>
C&I Medium Annual/Low Winter	Tariff Rate G 51: Monthly Customer Charge First <u>1,3001,000</u> therms All usage over <u>1,3001,000</u> therms LDAC Gas Cost Adjustment:	\$196.73 \$0.1183 \$0.0958 \$0.0234	\$196.73 \$0.1417 \$0.1192	\$196.73 <mark>\$0.4029 </mark>
	Cost of Gas	\$0.2612 <u>\$0.2052</u>		
C&I High Annual/High Winter	Tariff Rate G 42: Monthly Customer Charge	\$1,124.19	\$1,124.19	\$1,124.19
	All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$0.1066 \$0.0234 \$0.3297 \$0.2737	\$0.1300	<mark>\$0.4597 <u>\$0.4037</u></mark>
C&I High Annual/Low Winter	Tariff Rate G 52: Monthly Customer Charge	\$1,124.19	\$1,124.19	\$1,124.19
	All usage LDAC Gas Cost Adjustment:	\$0.0707 \$0.0234	\$0.0941	\$ 0.3553 \$ <u>\$0.2993</u>
	Cost of Gas	\$0.2612 <u>\$0.2052</u>		

SUMMER SEASON RESIDENTIAL RATES

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Issued by:

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Title: Treasurer Sr. Vice President

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