

Northern Utilities, Inc.

New Hampshire Division

2015 / 2016 WINTER SEASON PROPOSED COST OF GAS ADJUSTMENT

TO BE EFFECTIVE NOVEMBER 1, 2015

FILED SEPTEMBER 17, 2015

Tariff Sheets

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Calculation of proposed Cost of Gas Adjustment

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

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LDAC Rates

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Rate Summary

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Anticipated Cost of Gas

New Hampshire Division
Period Covered: November 1, 2015 - April 30, 2016

(Col 1)	(Col 2)	(Col 3)
<u>ANTICIPATED DIRECT COST OF GAS</u>		
Purchased Gas:		
Demand Costs:	\$2,512,004	
Supply Costs:	\$14,488,622	
Storage & Peaking Gas:		
Demand, Capacity:	\$6,035,707	
Commodity Costs:	\$3,129,201	
Hedging (Gain)/Cost	\$83,993	
Interruptible Included Above	\$0	
Inventory Finance Charge	\$3,483	
Capacity Release, & Asset Management	<u>(\$3,401,720)</u>	
Total Anticipated Direct Cost of Gas		<u>\$22,851,291</u>
<u>ANTICIPATED INDIRECT COST OF GAS</u>		
Adjustments:		
Prior Period Under/(Over) Collection	(\$2,001,586)	
Interest	\$3,131	
Refunds	\$0	
<u>Interruptible Margins</u>	<u>\$0</u>	
Total Adjustments		(\$1,998,455)
Working Capital:		
Total Anticipated Direct Cost of Gas	\$22,851,291	
Working Capital Percentage	0.082%	
Working Capital Allowance	\$18,821	
Plus: Working Capital Reconciliation (Acct 182.11)	<u>(\$3,542)</u>	
Total Working Capital Allowance		\$15,279
Bad Debt:		
Bad Debt Allowance	\$251,100	
Plus: Bad Debt Reconciliation (Acct 182.16)	(\$62,204)	
Total Bad Debt Allowance		\$188,896
Local Production and Storage Capacity		\$420,658
Miscellaneous Overhead-22.99% Allocated to Winter Season		\$394,798
Total Anticipated Indirect Cost of Gas		<u>(\$978,824)</u>
Total Cost of Gas		<u>\$21,872,467</u>

Issued: September 17, 2015
 Effective Date: November 1, 2015

Issued By: 
 Treasurer

Authorized by NHPUC Order No. _____, in Docket No. DG 15-_____, dated _____, 2015

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: November 1, 2015 - April 30, 2016

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$22,851,291	
Projected Prorated Sales (11/01/15 - 04/30/16)	33,294,125	
Direct Cost of Gas Rate		\$0.6863 per therm
Demand Cost of Gas Rate	\$5,145,991	\$0.1546 per therm
Commodity Cost of Gas Rate	<u>\$17,705,300</u>	<u>\$0.5318</u> per therm
Total Direct Cost of Gas Rate	\$22,851,291	\$0.6864 per therm
Total Anticipated Indirect Cost of Gas	(\$978,824)	
Projected Prorated Sales (11/01/15 - 04/30/16)	33,294,125	
Indirect Cost of Gas		(\$0.0294) per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$0.6570 per therm

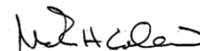
RESIDENTIAL COST OF GAS RATE - 11/01/15	COGwr	\$0.6570 per therm
	Maximum (COG+25%)	\$0.8213

COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/15	COGwl	\$0.6462 per therm
	Maximum (COG+25%)	\$0.8078

C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$353,913
PLUS: RESIDENTIAL DEMAND RELOCATION TO C7I HLF	<u>\$9,361</u>
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$363,275
C&I HLF PROJECTED PRORATED SALES (11/01/15 - 04/30/16)	3,239,784
DEMAND COST OF GAS RATE	\$0.1121
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$1,833,704
PLUS: RESIDENTIAL COMMODITY COSTS	<u>(\$8,212)</u>
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$1,825,492
C&I HLF PROJECTED PRORATED SALES (11/01/15 - 04/30/16)	3,239,784
COMMODITY COST OF GAS RATE	\$0.5635
INDIRECT COST OF GAS	(\$0.0294)
TOTAL C&I HLF COST OF GAS RATE	\$0.6462

COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/15	COGwh	\$0.6616 per therm
	Maximum (COG+25%)	\$0.8270

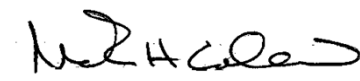
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$2,404,210
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	<u>\$63,592</u>
C&I LLF TOTAL ADJUSTED DEMAND COSTS	\$2,467,802
C&I LLF PROJECTED PRORATED SALES (11/01/15 - 04/30/16)	15,077,044
DEMAND COST OF GAS RATE	\$0.1637
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$7,950,719
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	<u>(\$7)</u>
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	\$7,950,713
C&I LLF PROJECTED PRORATED SALES (11/01/15 - 04/30/16)	15,077,044
COMMODITY COST OF GAS RATE	\$0.5273
INDIRECT COST OF GAS	(\$0.0294)
TOTAL C&I LLF COST OF GAS RATE	\$0.6616



Local Delivery Adjustment Clause

Rate Schedule	RLIARA	DSM	ERC	ITM	RCE	RPC	LDAC
Residential Heating	\$0.0099	\$0.0297	(\$0.0022)	\$0.0000	\$0.0000	\$0.0000	\$0.0374
Residential Non-Heating	\$0.0099	\$0.0297	(\$0.0022)	\$0.0000	\$0.0000	\$0.0000	\$0.0374
Small C&I	\$0.0099	\$0.0146	(\$0.0022)	\$0.0000	\$0.0000	\$0.0000	\$0.0223
Medium C&I	\$0.0099	\$0.0146	(\$0.0022)	\$0.0000	\$0.0000	\$0.0000	\$0.0223
Large C&I	\$0.0099	\$0.0146	(\$0.0022)	\$0.0000	\$0.0000	\$0.0000	\$0.0223
No Previous Sales Service							

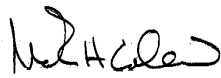
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**NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
 WINTER SEASON RESIDENTIAL RATES**

Winter Season November 2015 - April 2016		Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
Residential Heating	<u>Tariff Rate R 5:</u>			
	Monthly Customer Charge	\$21.36	\$21.36	\$21.36
	First 50 therms	\$0.6239	\$0.6613	\$1.3183
	All usage over 50 therms	\$0.5103	\$0.5477	\$1.2047
	LDAC	\$0.0374		
	<u>Gas Cost Adjustment:</u>			
	Cost of Gas	\$0.6570		
Residential Heating Low Income	<u>Tariff Rate R 10:</u>			
	Monthly Customer Charge	\$8.54	\$8.54	\$8.54
	First 50 therms	\$0.2496	\$0.2870	\$0.9440
	All usage over 50 therms	\$0.2041	\$0.2415	\$0.8985
	LDAC	\$0.0374		
	<u>Gas Cost Adjustment:</u>			
	Cost of Gas	\$0.6570		
Residential Non-Heating	<u>Tariff Rate R 6:</u>			
	Monthly Customer Charge	\$21.36	\$13.73	\$13.73
	First 10 therms	\$0.4214	\$0.4588	\$1.1158
	All usage over 10 therms	\$0.4214	\$0.4588	\$1.1158
	LDAC	\$0.0374		
	<u>Gas Cost Adjustment:</u>			
	Cost of Gas	\$0.6570		
Residential Non-Heating Low Income	<u>Tariff Rate R 11:</u>			
	Monthly Customer Charge	\$15.52	\$9.98	\$9.98
	First 10 therms	\$0.3196	\$0.3570	\$1.0140
	All usage over 10 therms	\$0.3196	\$0.3570	\$1.0140
	LDAC	\$0.0374		
	<u>Gas Cost Adjustment:</u>			
	Cost of Gas	\$0.6570		

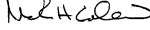
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NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
WINTER SEASON C&I RATES

Winter Season November 2015 - April 2016		Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
C&I Low Annual/High Winter	<u>Tariff Rate G 40:</u> Monthly Customer Charge First 75 therms All usage over 75 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$67.45 \$0.1615 \$0.1615 \$0.0223 \$0.6616	 \$67.45 \$0.1838 \$0.1838 	 \$67.45 \$0.8454 \$0.8454
C&I Low Annual/Low Winter	<u>Tariff Rate G 50:</u> Monthly Customer Charge First 75 therms All usage over 75 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$67.45 \$0.1615 \$0.1615 \$0.0223 \$0.6462	 \$67.45 \$0.1838 \$0.1838 	 \$67.45 \$0.8300 \$0.8300
C&I Medium Annual/High Winter	<u>Tariff Rate G 41:</u> Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$196.73 \$0.2098 \$0.0223 \$0.6616	 \$196.73 \$0.2321 	 \$196.73 \$0.8937
C&I Medium Annual/Low Winter	<u>Tariff Rate G 51:</u> Monthly Customer Charge First 1,300 therms All usage over 1,300 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$196.73 \$0.1520 \$0.1238 \$0.0223 \$0.6462	 \$196.73 \$0.1743 \$0.1461 	 \$196.73 \$0.8205 \$0.7923
C&I High Annual/High Winter	<u>Tariff Rate G 42:</u> Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$1,124.19 \$0.1764 \$0.0223 \$0.6616	 \$1,124.19 \$0.1987 	 \$1,124.19 \$0.8603
C&I High Annual/Low Winter	<u>Tariff Rate G 52:</u> Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$1,124.19 \$0.1541 \$0.0223 \$0.6462	 \$1,124.19 \$0.1764 	 \$1,124.19 \$0.8226

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

	Winter Season November 2015 - April 2016	Tariff Rates	Total Delivery Rates (Includes LDAC)
C&I Low Annual/High Winter	Tariff Rate T 40: Monthly Customer Charge First 75 therms All usage over 75 therms LDAC	\$67.45 \$0.1615 \$0.1615 \$0.0223	\$67.45 \$0.1838 \$0.1838
C&I Low Annual/Low Winter	Tariff Rate T 50: Monthly Customer Charge First 75 therms All usage over 75 therms LDAC	\$67.45 \$0.1615 \$0.1615 \$0.0223	\$67.45 \$0.1838 \$0.1838
C&I Medium Annual/High Winter	Tariff Rate T 41: Monthly Customer Charge All usage LDAC	\$196.73 \$0.2098 \$0.0223	\$196.73 \$0.2321
C&I Medium Annual/Low Winter	Tariff Rate T 51: Monthly Customer Charge First 1,300 therms All usage over 1,300 therms LDAC	\$196.73 \$0.1520 \$0.1238 \$0.0223	\$196.73 \$0.1743 \$0.1461
C&I High Annual/High Winter	Tariff Rate T 42: Monthly Customer Charge All usage LDAC	\$1,124.19 \$0.1764 \$0.0223	\$1,124.19 \$0.1987
C&I High Annual/Low Winter	Tariff Rate T 52: Monthly Customer Charge All usage LDAC	\$1,124.19 \$0.1541 \$0.0223	\$1,124.19 \$0.1764
C&I Interruptible Transportation	Tariff Rate IT: Monthly Customer Charge First 20,000 therms All usage over 20,000 therms	\$170.21 \$0.1299 \$0.1108	\$170.21 \$0.1299 \$0.1108

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 Title:

VII. DELIVERY SERVICE TERMS AND CONDITIONS

APPENDIX A

Schedule of Administrative Fees and Charges

I. Supplier Balancing Charge: \$0.77 per MMBtu of Daily Imbalance Volumes

- Updated effective every November 1 to reflect the Company’s latest balancing resources and associated capacity costs.
- Daily Imbalance Volumes represent the difference between ATV and ATV adjusted for actual EDDs.

II. Peaking Service Demand Charge: \$ 23.40 per MMBtu per MDPQ per month for November 2015 through April 2016.

- Updated effective every November 1 to reflect the Company’s Peaking resources and associated costs.

III. Company Allowance Calculation: 0.98% - Provided in Attachment 3 to Schedule 10

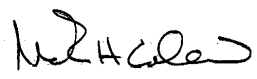
IV. Supplier Services and Associated Fees:

<u>SERVICE</u>	<u>PRICING</u>
Pool Administration (required) Non-Daily Metered Pools only	• \$0.10/month/customer billed @ marketer level
Standard Passthrough Billing (required)	• \$0.60/customer/month billed @ marketer level
Standard Complete Billing (optional – Passthrough Billing fee not required if this service is elected)	• \$1.50/customer/month billed @ marketer level
Customer Administration (required)	• \$10/customer/switch billed @ marketer level

Issued: September 17, 2015

Effective: November 1, 2015

Authorized by NHPUC Order No. _____ in Docket No. DG 15 - ____, dated _____.

Issued by: 
Treasurer

VII. DELIVERY SERVICE TERMS AND CONDITIONS

APPENDIX C

Capacity Allocators

Capacity Allocators shall be calculated and filed with the Commission each year with the Winter Cost of Gas filing. The following Capacity Allocators shall be applicable for capacity assignments during the period of November 1, 2015 through October 31, 2016.

Commercial and Industrial

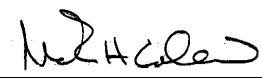
	<u>High Winter Use</u>	<u>Low Winter Use</u>
Pipeline:	27.54%	62.03%
Storage:	31.55%	16.42%
Peaking:	40.91%	21.28%

Issued: September 17, 2015

Effective: November 1, 2015

Authorized by NHPUC Order No. _____ in Docket No. DG15-__ __, dated _____.

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Treasurer

VII. DELIVERY SERVICE TERMS AND CONDITIONS

APPENDIX D

**Firm Sales Service Re-Entry Fee Bill Adjustment
(continued)**

The Re-Entry Fee shall be calculated and filed with the Commission each year with the Winter Cost of Gas filing. The following Firm Sales Service Re-Entry Fee Unit Charge shall be applicable for the period of November 1, 2015 through October 31, 2016.

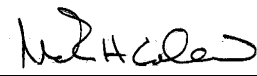
Effective Dates:	November 1, 2015 – October 31, 2016
Annual Average Unit Cost:	\$ 248.62
25% - Annual Charge for Re-Entry Fee:	\$ 62.16
Monthly Unit Charge for Re-Entry Fee:	\$ 5.18

Issued: September 17, 2015

Effective: November 1, 2015

Authorized by NHPUC Order No. _____ in Docket No. DG 15 - ____, dated _____.

Issued by:



Treasurer

Anticipated Cost of Gas

New Hampshire Division

Period Covered: ~~May~~ November 1, 2015 - ~~October 31, 2015~~ May 30, 2016

(Col 1)	(Col 2)	(Col 3)
<u>ANTICIPATED DIRECT COST OF GAS</u>		
Purchased Gas:		
Demand Costs:	\$ 428,609 \$ 2,512,004	
Supply Costs:	\$ 1,789,330 \$ 14,488,622	
Storage & Peaking Gas:		
Demand, Capacity:	\$ 456,665 \$ 6,035,707	
Commodity Costs:	\$ 66,477 \$ 3,129,201	
Hedging (Gain)/Loss	\$ \$ 83,993	
Interruptible Included Above	\$ \$ -	
Inventory Finance Charge	\$ \$ 3,483	
Capacity Release	\$ \$ <u>(3,401,720)</u>	
Total Anticipated Direct Cost of Gas	\$ 2,741,083 \$ 22,851,291	
<u>ANTICIPATED INDIRECT COST OF GAS</u>		
Adjustments:		
Prior Period Under/(Over) Collection	\$ (470,799) \$ (2,001,586)	
Interest	\$ (11,419) \$ 3,131	
Refunds	\$ \$ -	
<u>Interruptible Margins</u>	\$ \$ -	
Total Adjustments	\$ (482,218) \$ (1,998,455)	
Working Capital:		
Total Anticipated Direct Cost of Gas	\$ 2,741,083 \$ 22,851,291	
Working Capital Percentage	<u>0.082%</u> 0.082%	
Working Capital Allowance	\$ 2,258 \$ 18,821	
Plus: Working Capital Reconciliation (Acct 182.11)	\$ (387) \$ (3,542)	
Total Working Capital Allowance	\$ 1,871 \$ 15,279	
Bad Debt:		
Bad Debt Allowance	\$ 29,333 \$ 251,100	
Plus: Bad Debt Reconciliation (Acct 182.16)	\$ 921 \$ (62,204)	
Total Bad Debt Allowance	\$ 30,254 \$ 188,896	
Local Production and Storage Capacity		\$ 420,658
Miscellaneous Overhead 18.722.99% <u>Allocated to Summer</u> Winter <u>Season</u>	\$ 95,875 \$ 394,798	
Total Anticipated Indirect Cost of Gas	\$ (354,218) \$ (978,823)	
Total Cost of Gas	\$ 2,386,865 \$ <u>21,872,467</u>	

Issued: ~~April 16~~ September 17, 2015
 Effective Date: ~~May 1,~~ November 1, 2015

Issued By: _____
 Treasurer

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: ~~May 1, 2014~~ ~~October 31, 2015~~ **November 1, 2015 - April 30, 2016**

(Col 1)	(Col 2)	(Col 3)		
Total Anticipated Direct Cost of Gas	\$2,744,083	\$22,851,291		
Projected Prorated Sales (06/01/15 - 10/31/15) (11/01/15 - 04/30/16)	7,374,306	33,294,125		
Direct Cost of Gas Rate			\$0.3719	\$0.6863 per therm
Demand Cost of Gas Rate	\$885,275	\$5,145,991	\$0.1201	\$0.1546 per therm
Commodity Cost of Gas Rate	\$1,855,808	\$17,705,300	\$0.2518	\$0.5318 per therm
Total Direct Cost of Gas Rate	\$2,744,083	\$22,851,291	\$0.3719	\$0.6864 per therm
Total Anticipated Indirect Cost of Gas	(\$354,218)	(\$978,824)		
Projected Prorated Sales (06/01/15 - 10/31/15) (11/01/15 - 04/30/16)	7,374,306	33,294,125		
Indirect Cost of Gas			(\$0.0481)	(\$0.0294) per therm
TOTAL PERIOD AVERAGE COST OF GAS			\$0.3238	\$0.6570 per therm
Period ending under collection as determined on 06/18/15	(\$271,903)			
Projected sales (07/01/15 - 10/31/15)	4,863,316			
Per unit change in Cost of Gas (07/01/15 - 10/31/15)	(\$0.0560)			
* Under collection w/o rate adjustment as contained in NUI's COG Report dated June 18, 2015				

RESIDENTIAL COST OF GAS RATE - 07/01/15 11/01/15	COGwr	\$0.2678	\$0.6570	per therm
	Maximum (COG+25%)	\$0.4121	\$0.8213	
RESIDENTIAL COST OF GAS RATE - 06/01/15			\$0.3238	
CHANGE IN PER UNIT COST			(\$0.0560)	
RESIDENTIAL COST OF GAS RATE - 07/01/15			\$0.2678	

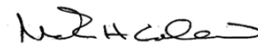
COM/IND LOW WINTER USE COST OF GAS RATE - 07/01/15 11/01/15	COGwl	\$0.2052	\$0.6462	per therm
	Maximum (COG+25%)	\$0.3265	\$0.8078	
COM/IND LOW WINTER USE COST OF GAS RATE - 06/01/15			\$0.2612	
CHANGE IN PER UNIT COST			(\$0.0560)	
COM/IND LOW WINTER USE COST OF GAS RATE - 07/01/15			\$0.2052	

C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$353,913
PLUS: RESIDENTIAL DEMAND REALLOCATION TO C7I HLF	\$9,361
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$363,275
C&I HLF PROJECTED PRORATED SALES (11/1/15-04/30/16)	3,239,784
DEMAND COST OF GAS RATE	\$0.1121
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$1,833,704
PLUS: RESIDENTIAL COMMODITY COSTS	(\$8,212)
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$1,825,492
C&I HLF PROJECTED PRORATED SALES (11/1/15-04/30/16)	3,239,784
COMMODITY COST OF GAS RATE	\$0.5635
INDIRECT COST OF GAS	(\$0.0294)
TOTAL C&I HLF COST OF GAS RATE	\$0.6462

COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/15 11/01/15	COGwh	\$0.2737	\$0.6616	per therm
	Maximum (COG+25%)	\$0.4121	\$0.8270	
COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/15			\$0.3297	
CHANGE IN PER UNIT COST			(\$0.0560)	
COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/15			\$0.2737	
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$2,404,210			
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	\$63,592			
C&I LLF TOTAL ADJUSTED DEMAND COSTS	\$2,467,802			
C&I LLF PROJECTED PRORATED SALES (11/01/15-04/30/16)	15,077,044			
DEMAND COST OF GAS RATE	\$0.1637			
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$7,950,719			
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	(\$7)			
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	\$7,950,713			
C&I LLF PROJECTED PRORATED SALES (11/01/15-04/30/16)	15,077,044			
COMMODITY COST OF GAS RATE	\$0.5273			
INDIRECT COST OF GAS	(\$0.0294)			
TOTAL C&I LLF COST OF GAS RATE	\$0.6616			

Issued: June 18, ~~September 17,~~ 2015
Effective Date: July ~~November 1,~~ 2015
Authorized by NHPUC Order No. , in Docket No. , dated .

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Local Delivery Adjustment Clause

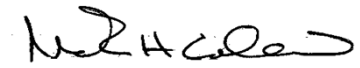
Rate Schedule	RLIARA	DSM	ERC	ITM	RCE	RPC	LDAC
Residential Heating	\$0.0078 0.0099	\$0.0350 0.0297	\$0.0034 (0.0022)	\$0.0000	\$0.0000	\$0.0000	\$0.0446 0.0374
Residential Non-Heating	\$0.0078 0.0099	\$0.0350 0.0297	\$0.0034 (0.0022)	\$0.0000	\$0.0000	\$0.0000	\$0.0446 0.0374
Small C&I	\$0.0078 0.0099	\$0.0138 0.0146	\$0.0034 (0.0022)	\$0.0000	\$0.0000	\$0.0000	\$0.0234 0.0223
Medium C&I	\$0.0078 0.0099	\$0.0138 0.0146	\$0.0034 (0.0022)	\$0.0000	\$0.0000	\$0.0000	\$0.0234 0.0223
Large C&I	\$0.0078 0.0099	\$0.0138 0.0146	\$0.0034 (0.0022)	\$0.0000	\$0.0000	\$0.0000	\$0.0234 0.0223
No Previous Sales Service							

Issued: July 1, 2015- September 17, 2015

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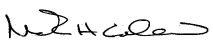
Treasurer

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

Summer <u>Winter</u> Season May 2014 - October 2015 November 2015 - April 2016		Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates 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 \$0.1615 \$0.0234 \$0.0223 \$0.2737 \$0.6616	\$67.45 \$0.1849 \$0.1838 \$0.1849 \$0.1838	\$67.45 \$0.4586 \$0.8454 \$0.4586 \$0.8454
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 \$0.1615 \$0.0234 \$0.0223 \$0.2052 \$0.6462	\$67.45 \$0.1849 \$0.1838 \$0.1849 \$0.1838	\$67.45 \$0.3901 \$0.8300 \$0.3901 \$0.8300
C&I Medium Annual/High Winter	Tariff Rate G 41: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$196.73 \$0.1622 \$0.2098 \$0.0234 \$0.0223 \$0.2737 \$0.6616	\$196.73 \$0.1856 \$0.2321	\$196.73 \$0.4593 \$0.8937
C&I Medium Annual/Low Winter	Tariff Rate G 51: Monthly Customer Charge First 1,000,300 therms All usage over 1,000,300 therms LDAC Gas Cost Adjustment: Cost of Gas	\$196.73 \$0.1183 \$0.1520 \$0.0958 \$0.1238 \$0.0234 \$0.0223 \$0.2052 \$0.6462	\$196.73 \$0.1417 \$0.1743 \$0.1192 \$0.1461	\$196.73 \$0.3469 \$0.8205 \$0.3244 \$0.7923
C&I High Annual/High Winter	Tariff Rate G 42: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$1,124.19 \$0.1066 \$0.1764 \$0.0234 \$0.0223 \$0.2737 \$0.6616	\$1,124.19 \$0.1300 \$0.1987	\$1,124.19 \$0.4037 \$0.8603
C&I High Annual/Low Winter	Tariff Rate G 52: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$1,124.19 \$0.0707 \$0.1541 \$0.0234 \$0.0223 \$0.2052 \$0.6462	\$1,124.19 \$0.0941 \$0.1764	\$1,124.19 \$0.2993 \$0.8226

Issued: ~~June 18~~ September 17, 2015
 Effective Date: July November 1, 2015
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NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

~~SUMMER~~WINTER SEASON C&I RATES

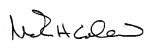
Summer <u>Winter</u> Season May 2014 – October 2015 November 2015 - April 2016		Tariff Rates	Total Delivery Rates (Includes LDAC)	
C&I Low Annual/High Winter	Tariff Rate T 40: Monthly Customer Charge First 75 therms All usage over 75 therms LDAC	\$67.45 \$0.1615 \$0.1615 \$0.0234 <u>\$0.0223</u>	\$0.1849 <u>\$0.1838</u> \$0.1849 <u>\$0.1838</u>	\$67.45 <u>\$0.1838</u> <u>\$0.1838</u>
C&I Low Annual/Low Winter	Tariff Rate T 50: Monthly Customer Charge First 75 therms All usage over 75 therms LDAC	\$67.45 \$0.1615 \$0.1615 \$0.0234 <u>\$0.0223</u>	\$0.1849 <u>\$0.1838</u> \$0.1849 <u>\$0.1838</u>	\$67.45 <u>\$0.1838</u> <u>\$0.1838</u>
C&I Medium Annual/High Winter	Tariff Rate T 41: Monthly Customer Charge All usage LDAC	\$196.73 \$0.1622 <u>\$0.2098</u> \$0.0234 <u>\$0.0223</u>	\$0.1856 <u>\$0.2321</u>	\$196.73 <u>\$0.2321</u>
C&I Medium Annual/Low Winter	Tariff Rate T 51: Monthly Customer Charge First 1,000 <u>1,300</u> therms All usage over 1,000 <u>1,300</u> therms LDAC	\$196.73 \$0.1183 <u>\$0.1520</u> \$0.0925 <u>\$0.1238</u> \$0.0234 <u>\$0.0223</u>	\$0.1417 <u>\$0.1406</u> \$0.1159 <u>\$0.1148</u>	\$196.73 <u>\$0.1406</u> <u>\$0.1148</u>
C&I High Annual/High Winter	Tariff Rate T 42: Monthly Customer Charge All usage LDAC	\$1,124.19 \$0.1066 <u>\$0.1764</u> \$0.0234 <u>\$0.0223</u>	\$0.1300 <u>\$0.1987</u>	\$1,124.19 <u>\$0.1987</u>
C&I High Annual/Low Winter	Tariff Rate G 52: Monthly Customer Charge All usage LDAC	\$1,124.19 \$0.0707 <u>\$0.1541</u> \$0.0234 <u>\$0.0223</u>	\$0.0941 <u>\$0.1764</u>	\$1,124.19 <u>\$0.1764</u>
C&I Interruptible Transportation	Tariff Rate IT: Monthly Customer Charge First 20,000 therms All usage over 20,000 therms	\$170.21 \$0.0407 <u>\$0.1299</u> \$0.0347 <u>\$0.1108</u>	\$0.0407 <u>\$0.1299</u> \$0.0347 <u>\$0.1108</u>	\$170.21 <u>\$0.1299</u> <u>\$0.1108</u>

Issued: ~~June 18,~~ September 17, 2015

Effective: With Service Rendered On and After ~~July~~ November 1, 2015

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VII. DELIVERY SERVICE TERMS AND CONDITIONS

APPENDIX A

Schedule of Administrative Fees and Charges

I. Supplier Balancing Charge: **\$0.77**per MMBtu of Daily Imbalance Volumes

- Updated effective every November 1 to reflect the Company's latest balancing resources and associated capacity costs.
- Daily Imbalance Volumes represent the difference between ATV and ATV adjusted for actual EDDs.

II. Peaking Service Demand Charge: **\$ ~~18.86~~23.40** per MMBtu per MDPQ per month for November 2014⁵ through April 2015⁶.

- Updated effective every November 1 to reflect the Company's Peaking resources and associated costs.

III. Company Allowance Calculation: **0.65**~~98~~% - Provided in Attachment 3 to Schedule 10

IV. Supplier Services and Associated Fees:

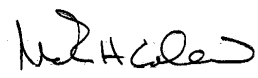
<u>SERVICE</u>	<u>PRICING</u>
Pool Administration (required) Non-Daily Metered Pools only	• \$0.10/month/customer billed @ marketer level
Standard Passthrough Billing (required)	• \$0.60/customer/month billed @ marketer level
Standard Complete Billing (optional – Passthrough Billing fee not required if this service is elected)	• \$1.50/customer/month billed @ marketer level
Customer Administration (required)	• \$10/customer/switch billed @ marketer level

Issued: ~~November 4, 2014~~ September 17, 2015

Effective: November 1, 2014⁵

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VII. DELIVERY SERVICE TERMS AND CONDITIONS

APPENDIX D

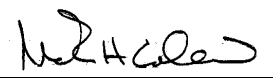
**Firm Sales Service Re-Entry Fee Bill Adjustment
(continued)**

The Re-Entry Fee shall be calculated and filed with the Commission each year with the Winter Cost of Gas filing. The following Firm Sales Service Re-Entry Fee Unit Charge shall be applicable for the period of November 1, 2014~~5~~ through October 31, 2015~~6~~.

Effective Dates:	November 1, 2014 <u>2015</u> – October 31, 2015 <u>2016</u>
Annual Average Unit Cost:	\$ 277.85 <u>248.62</u>
25% - Annual Charge for Re-Entry Fee:	\$ 69.46 <u>62.16</u>
Monthly Unit Charge for Re-Entry Fee:	\$ 5.79 <u>5.18</u>

Issued: ~~November 4~~ September 17, 2014~~5~~

Issued by:



Treasurer

Effective: November 1, 2014~~5~~

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VII. DELIVERY SERVICE TERMS AND CONDITIONS

APPENDIX C

Capacity Allocators

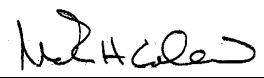
Capacity Allocators shall be calculated and filed with the Commission each year with the Winter Cost of Gas filing. The following Capacity Allocators shall be applicable for capacity assignments during the period of November 1, 2014~~5~~ through October 31, 2015~~6~~.

Commercial and Industrial

	<u>High Winter Use</u>	<u>Low Winter Use</u>
Pipeline:	29.50 <u>27.54%</u>	62.06 <u>62.03%</u>
Storage:	31.86 <u>31.55%</u>	17.14 <u>16.42%</u>
Peaking:	38.64 <u>40.91%</u>	20.80 <u>21.28%</u>

Issued: ~~November 4, 2014~~, September 17, 2015

Issued by:



Effective: November 1, 2014~~5~~

Treasurer

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