

# **Northern Utilities, Inc.**

## **New Hampshire Division**

### **2013 SUMMER PERIOD PROPOSED COST OF GAS ADJUSTMENT**

**TO BE EFFECTIVE MAY 1, 2013**

**FILED MARCH 15, 2013**

**Tariff Sheets**

Fifty-second Revised Page No. 38  
Statement of anticipated Cost of Gas

Seventieth Revised Page No. 39  
Calculation of proposed Cost of Gas Adjustment

Eighteenth Revised Page No. 56  
Local Delivery Adjustment Clause (LDAC)

Sixtieth Revised Page No. 94  
Rate Summary

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Rate Summary

Forty-fourth Revised Page No. 96  
Rate Summary

CHECK SHEET

The title page and pages i-171 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

<u>Pages</u>	<u>Revision</u>	<u>Proposed</u>
Title	Original	
i	Original	
ii	Third Revised	
iii	Second Revised	
iv	Second Revised	
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1	Original	
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10	First Revised	
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13	Original	
14	Original	
15	Original	
16	First Revised	
17	First Revised	
18	Third Revised	
19	Third Revised	
20	Fourth Revised	
20.1	Original	
21	Third Revised	
21.1	Original	
22	Second Revised	
23	Second Revised	
24	Second Revised	
25	Second Revised	
26	Second Revised	
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28	Second Revised	
29	Second Revised	
30	Second Revised	
31	Second Revised	
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37	Third Revised	
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38	Fifty-first Revised	Fifty-second Revised

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The title page and pages i-171 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

<u>Pages</u>	<u>Revision</u>	<u>Proposed</u>
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45	Second Revised	
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47	First Revised	
48	First Revised	
49	First Revised	
50	First Revised	
51	First Revised	
52	First Revised	
53	Second Revised	
54	Second Revised	
55	Second Revised	
55-a	First Revised	
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55-c	Original	
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56	Seventeenth Revised	Eighteenth Revised
57	Second Revised	
58	Original	
59	Third Revised	
60	Second Revised	
60-a	Original	
61	Third Revised	
62	First Revised	
63	Third Revised	
64	First Revised	
65	Original	
66	Original	
67	Original	
68	Original	
69	Original	
70	Second Revised	
71	Original	
72	Second Revised	
73	Original	
74	Second Revised	
75	Original	
76	Second Revised	
77	Original	
78	Second Revised	
79	Original	
80	Second Revised	
81	Original	

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The title page and pages i-171 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

<u>Pages</u>	<u>Revision</u>	<u>Proposed</u>
82	Second Revised	
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85	Original	
86	Second Revised	
87	Original	
88	Second Revised	
89	Original	
90	Second Revised	
91	Original	
92	Second Revised	
93	Original	
94	Fifty-ninth Revised	Sixtieth Revised
95	Fifty-ninth Revised	Sixtieth Revised
96	Forty-Third Revised	Forty-fourth Revised
97	First Revised	
98	First Revised	
99	Eleventh Revised	
99-a	Eighteenth Revised	
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111	Original	
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116	Original	
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118	Original	
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121	First Revised	
122	First Revised	
122-a	Original	
123	Original	
124	First Revised	
125	First Revised	
126	First Revised	
127	First Revised	
128	First Revised	

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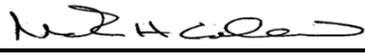
The title page and pages i-171 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

<u>Pages</u>	<u>Revision</u>	<u>Proposed</u>
129	First Revised	
130	First Revised	
131	First Revised	
132	First Revised	
133	First Revised	
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141	First Revised	
142	First Revised	
143	First Revised	
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170-a	Original	
170-b	Second Revised	
171	First Revised	

**Anticipated Cost of Gas**  
**New Hampshire Division**  
**Period Covered: May 1, 2013 - October 31, 2013**

(Col 1)	(Col 2)	(Col 3)
<b><u>ANTICIPATED DIRECT COST OF GAS</u></b>		
<b>Purchased Gas:</b>		
Demand Costs:	\$684,707	
Supply Costs:	\$2,920,655	
<b>Storage &amp; Peaking Gas:</b>		
Demand, Capacity:	\$365,241	
Commodity Costs:	\$21,832	
<b>Hedging (Gain)/Loss</b>	(\$1,664)	
<b>Interruptible Included Above</b>	\$0	
<b>Inventory Finance Charge</b>	\$0	
<b>Capacity Release, Asset Management, PNGTS Cost</b>	\$0	
	<hr/>	
<b>Total Anticipated Direct Cost of Gas</b>		<b><u>\$3,990,771</u></b>
<b><u>ANTICIPATED INDIRECT COST OF GAS</u></b>		
<b>Adjustments:</b>		
Prior Period Under/(Over) Collection	\$147,647	
Interest	\$2,290	
Refunds	\$0	
<u>Interruptible Margins</u>	\$0	
Total Adjustments	<hr/>	\$149,937
<b>Working Capital:</b>		
Total Anticipated Direct Cost of Gas	\$3,990,771	
Working Capital Percentage	0.082%	
Working Capital Allowance	\$3,287	
Plus: Working Capital Reconciliation (Acct 182.11)	<hr/>	
	\$1,289	
Total Working Capital Allowance		\$4,576
<b>Bad Debt:</b>		
Bad Debt Allowance	\$18,660	
Plus: Bad Debt Reconciliation (Acct 182.16)	(\$19,277)	
Total Bad Debt Allowance		(\$617)
<b>Local Production and Storage Capacity</b>		\$0
<b>Miscellaneous Overhead-21.83% Allocated to Summer Season</b>		\$89,856
<b>Total Anticipated Indirect Cost of Gas</b>		\$243,752
<b>Total Cost of Gas</b>		<b><u>\$4,234,523</u></b>

Issued: March 15, 2013  
 Effective Date: May 1, 2013

Issued By:   
 Treasurer

Authorized by NHPUC Order No. \_\_\_\_\_ in Docket No. DG 13-\_\_\_\_, dated \_\_\_\_\_

**CALCULATION OF FIRM SALES COST OF GAS RATE**

Period Covered: May 1, 2013 - October 31, 2013

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$3,990,771	
Projected Prorated Sales (05/01/13 - 10/31/13)	7,625,909	
<b>Direct Cost of Gas Rate</b>		\$0.5233 per therm
<b>Demand Cost of Gas Rate</b>	\$1,049,948	\$0.1377 per therm
<b>Commodity Cost of Gas Rate</b>	<u>\$2,940,823</u>	<u>\$0.3856</u> per therm
<b>Total Direct Cost of Gas Rate</b>	\$3,990,771	<b>\$0.5233</b> per therm
Total Anticipated Indirect Cost of Gas	\$243,752	
Projected Prorated Sales (05/01/13 - 10/31/13)	7,625,909	
<b>Indirect Cost of Gas</b>		\$0.0320 per therm
<b>TOTAL PERIOD AVERAGE COST OF GAS</b>		<b>\$0.5553 per therm</b>

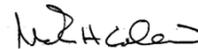
<b>RESIDENTIAL COST OF GAS RATE - 05/01/13</b>	<b>COGwr</b>	<b>0.5553 per therm</b>
	<b>Maximum (COG+25%)</b>	<b>\$0.6941</b>

<b>COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/13</b>	<b>COGwl</b>	<b>\$0.5180 per therm</b>
	<b>Maximum (COG+25%)</b>	<b>\$0.6475</b>

C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$152,359
PLUS: RESIDENTIAL DEMAND REALLOCATION TO C7I HLF	<u>\$5,652</u>
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$158,011
C&I HLF PROJECTED PRORATED SALES (05/01/13 - 10/31/13)	1,574,665
<b>DEMAND COST OF GAS RATE</b>	<b>\$0.1003</b>
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$607,230
PLUS: RESIDENTIAL COMMODITY COSTS	<u>\$50</u>
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$607,280
C&I HLF PROJECTED PRORATED SALES (05/01/13 - 10/31/13)	1,574,665
<b>COMMODITY COST OF GAS RATE</b>	<b>\$0.3857</b>
<b>INDIRECT COST OF GAS</b>	<b>\$0.0320</b>
<b>TOTAL C&amp;I HLF COST OF GAS RATE</b>	<b>\$0.5180</b>

<b>COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/13</b>	<b>COGwh</b>	<b>\$0.5780 per therm</b>
	<b>Maximum (COG+25%)</b>	<b>\$0.7225</b>

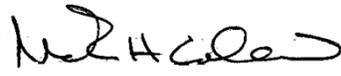
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$401,356
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	<u>\$14,888</u>
C&I LLF TOTAL ADJUSTED DEMAND COSTS	\$416,244
C&I LLF PROJECTED PRORATED SALES (05/01/13-10/31/13)	2,596,680
<b>DEMAND COST OF GAS RATE</b>	<b>\$0.1603</b>
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$1,001,380
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	<u>\$83</u>
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	\$1,001,463
C&I LLF PROJECTED PRORATED SALES (05/01/13-10/31/13)	2,596,680
<b>COMMODITY COST OF GAS RATE</b>	<b>\$0.3857</b>
<b>INDIRECT COST OF GAS</b>	<b>\$0.0320</b>
<b>TOTAL C&amp;I LLF COST OF GAS RATE</b>	<b>\$0.5780</b>



**Local Delivery Adjustment Clause**

Rate Schedule	RLIARA	DSM	ERC	ITM	RCE	RPC	LDAC
Residential Heating	\$0.0104	\$0.0403	\$0.0044	\$0.0000	\$0.0000	\$0.0000	\$0.0551
Residential Non-Heating	\$0.0104	\$0.0403	\$0.0044	\$0.0000	\$0.0000	\$0.0000	\$0.0551
Small C&I	\$0.0104	\$0.0118	\$0.0044	\$0.0000	\$0.0000	\$0.0000	\$0.0266
Medium C&I	\$0.0104	\$0.0118	\$0.0044	\$0.0000	\$0.0000	\$0.0000	\$0.0266
Large C&I	\$0.0104	\$0.0118	\$0.0044	\$0.0000	\$0.0000	\$0.0000	\$0.0266
No Previous Sales Service							

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Issued by:   
Title: Treasurer

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

Summer Season May 2013 - October 2013		Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
Residential Heating	<b><u>Tariff Rate R 5:</u></b>			
	Monthly Customer Charge	\$13.73	\$13.73	\$13.73
	First 50 therms	\$0.4410	\$0.4961	\$1.0514
	All usage over 50 therms	\$0.4410	\$0.4961	\$1.0514
	<b>LDAC</b>	<b>\$0.0551</b>		
	<b><u>Gas Cost Adjustment:</u></b>			
	Cost of Gas	<b>\$0.5553</b>		
Residential Heating Low Income	<b><u>Tariff Rate R 10:</u></b>			
	Monthly Customer Charge	\$5.50	\$5.50	\$5.50
	First 50 therms	\$0.1764	\$0.2315	\$0.7868
	All usage over 50 therms	\$0.1764	\$0.2315	\$0.7868
	<b>LDAC</b>	<b>\$0.0551</b>		
	<b><u>Gas Cost Adjustment:</u></b>			
	Cost of Gas	<b>\$0.5553</b>		
Residential Non-Heating	<b><u>Tariff Rate R 6:</u></b>			
	Monthly Customer Charge	\$13.73	\$13.73	\$13.73
	First 10 therms	\$0.3296	\$0.3847	\$0.9400
	All usage over 10 therms	\$0.3296	\$0.3847	\$0.9400
	<b>LDAC</b>	<b>\$0.0551</b>		
	<b><u>Gas Cost Adjustment:</u></b>			
	Cost of Gas	<b>\$0.5553</b>		
Residential Non-Heating Low Income	<b><u>Tariff Rate R 11:</u></b>			
	Monthly Customer Charge	\$9.98	\$9.98	\$9.98
	First 10 therms	\$0.2499	\$0.3050	\$0.8603
	All usage over 10 therms	\$0.2499	\$0.3050	\$0.8603
	<b>LDAC</b>	<b>\$0.0551</b>		
	<b><u>Gas Cost Adjustment:</u></b>			
	Cost of Gas	<b>\$0.5553</b>		

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Title: Treasurer

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

<b>Summer Season May 2013 - October 2013</b>		<b>Tariff Rates</b>	<b>Total Delivery Rates (Includes LDAC)</b>	<b>Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas</b>
C&I Low Annual/High Winter	<b><u>Tariff Rate G 40:</u></b> Monthly Customer Charge First 75 therms All usage over 75 therms <b>LDAC</b> <b><u>Gas Cost Adjustment:</u></b> Cost of Gas	\$31.40 \$0.2701 \$0.2226 <b>\$0.0266</b> <b>\$0.5780</b>	\$31.40 <b>\$0.2967</b> <b>\$0.2492</b>	\$31.40 <b>\$0.8747</b> <b>\$0.8272</b>
C&I Low Annual/Low Winter	<b><u>Tariff Rate G 50:</u></b> Monthly Customer Charge First 75 therms All usage over 75 therms <b>LDAC</b> <b><u>Gas Cost Adjustment:</u></b> Cost of Gas	\$31.40 \$0.2701 \$0.2226 <b>\$0.0266</b> <b>\$0.5180</b>	\$31.40 <b>\$0.2967</b> <b>\$0.2492</b>	\$31.40 <b>\$0.8147</b> <b>\$0.7672</b>
C&I Medium Annual/High Winter	<b><u>Tariff Rate G 41:</u></b> Monthly Customer Charge  All usage <b>LDAC</b> <b><u>Gas Cost Adjustment:</u></b> Cost of Gas	\$94.21  \$0.1557 <b>\$0.0266</b> <b>\$0.5780</b>	\$94.21  <b>\$0.1823</b>	\$94.21  <b>\$0.7603</b>
C&I Medium Annual/Low Winter	<b><u>Tariff Rate G 51:</u></b> Monthly Customer Charge First 1,000 therms All usage over 1,000 therms <b>LDAC</b> <b><u>Gas Cost Adjustment:</u></b> Cost of Gas	\$94.21 \$0.1325 \$0.1011 <b>\$0.0266</b> <b>\$0.5180</b>	\$94.21 <b>\$0.1591</b> <b>\$0.1277</b>	\$94.21 <b>\$0.6771</b> <b>\$0.6457</b>
C&I High Annual/High Winter	<b><u>Tariff Rate G 42:</u></b> Monthly Customer Charge  All usage <b>LDAC</b> <b><u>Gas Cost Adjustment:</u></b> Cost of Gas	\$314.05  \$0.1200 <b>\$0.0266</b> <b>\$0.5780</b>	\$314.05  <b>\$0.1466</b>	\$314.05  <b>\$0.7246</b>
C&I High Annual/Low Winter	<b><u>Tariff Rate G 52:</u></b> Monthly Customer Charge  All usage <b>LDAC</b> <b><u>Gas Cost Adjustment:</u></b> Cost of Gas	\$314.05  \$0.0694 <b>\$0.0266</b> <b>\$0.5180</b>	\$314.05  <b>\$0.0960</b>	\$314.05  <b>\$0.6140</b>

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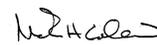
Effective: With Service Rendered On and After May 1, 2013

Authorized by NHPUC Order No.

in Docket No. DG

, dated

Issued by:



Title:

Treasurer

2013



**Anticipated Cost of Gas**

**New Hampshire Division**

Period Covered: ~~November 1, 2012~~ May 1, 2013 - ~~April 30, 2013~~ October 31, 2013

(Col 1)	(Col 2)	(Col 3)
<b><u>ANTICIPATED DIRECT COST OF GAS</u></b>		
<b>Purchased Gas:</b>		
Demand Costs:	\$ <del>2,385,180</del> \$ 684,707	
Supply Costs:	\$ <del>9,365,605</del> \$ 2,920,655	
<b>Storage &amp; Peaking Gas:</b>		
Demand, Capacity:	\$ <del>11,638,072</del> \$ 365,241	
Commodity Costs:	\$ <del>3,182,658</del> \$ 21,832	
<b>Hedging (Gain)/Loss</b>	\$ <del>400,309</del> \$ (1,664)	
<b>Interruptible Included Above</b>	\$ <del>—</del> \$ -	
<b>Inventory Finance Charge</b>	\$ <del>4,654</del>	
<b>Capacity Release</b>	\$ <del>(2,180,758)</del>	
<b>Total Anticipated Direct Cost of Gas</b>	<del>\$ 24,795,720</del> \$ 3,990,771	
<b><u>ANTICIPATED INDIRECT COST OF GAS</u></b>		
<b>Adjustments:</b>		
Prior Period Under/(Over) Collection	\$ <del>(3,105,739)</del> \$ 147,647	
Interest	\$ <del>(11,369)</del> \$ 2,290	
Refunds	\$ <del>(168,825)</del> \$ -	
<u>Interruptible Margins</u>	<u>\$ <del>—</del> \$ -</u>	
Total Adjustments	<del>\$ (3,285,933)</del> \$ 149,937	
<b>Working Capital:</b>		
Total Anticipated Direct Cost of Gas	<del>\$ 24,795,720</del> \$ 3,990,771	
Working Capital Percentage	<u>0.082%</u> <u>0.082%</u>	
Working Capital Allowance	\$ <del>20,423</del> \$ 3,287	
Plus: Working Capital Reconciliation (Acct 182.11)	\$ <del>(9,592)</del> \$ 1,289	
Total Working Capital Allowance	<del>\$ 10,831</del> \$ 4,576	
<b>Bad Debt:</b>		
Bad Debt Allowance	\$ <del>271,636</del> \$ 18,660	
Plus: Bad Debt Reconciliation (Acct 182.16)	\$ <del>(142,934)</del> \$ (19,277)	
Total Bad Debt Allowance	<del>\$ 128,702</del> \$ (617)	
<b>Local Production and Storage Capacity</b>	<del>\$ 307,762</del>	
<b>Miscellaneous Overhead</b> <del>78.17</del> <u>21.83%</u> <del>Allocated to Winter</del> <u>Summer</u> <del>Season</del>	<del>\$ 321,744</del> \$ 89,856	
<b>Total Anticipated Indirect Cost of Gas</b>	<del>\$ (2,516,893)</del> \$ 243,752	
<b>Total Cost of Gas</b>	<del>\$ 22,278,827</del> \$ 4,234,523	

Issued: ~~November 2, 2012~~ March 15, 2013  
 Effective Date: ~~November 1, 2012~~ May 1, 2013

Issued By: \_\_\_\_\_  
 Treasurer

**CALCULATION OF FIRM SALES COST OF GAS RATE**

Period Covered: ~~November 1, 2012~~ May 1, 2103 - ~~April 30, 2013~~ October 31, 2013

(Col 1)	(Col 2)	(Col 3)			
Total Anticipated Direct Cost of Gas	\$24,795,720	\$3,990,771			
Projected Prorated Sales <del>(11/01/12-04/30/13)</del> <u>(05/01/13 - 10/31/13)</u>	27,305,924	7,625,909			
<b>Direct Cost of Gas Rate</b>			<b>\$0.9084</b>	<b>\$0.5233</b>	per therm
<b>Demand Cost of Gas Rate</b>	<b>\$11,842,494</b>	<b>\$1,049,948</b>	<b>\$0.4337</b>	<b>\$0.1377</b>	per therm
<b>Commodity Cost of Gas Rate</b>	<b>\$12,953,226</b>	<b>\$2,940,823</b>	<b>\$0.4744</b>	<b>\$0.3856</b>	per therm
<b>Total Direct Cost of Gas Rate</b>	<b>\$24,795,720</b>	<b>\$3,990,771</b>	<b>\$0.9084</b>	<b>\$0.5233</b>	per therm
Total Anticipated Indirect Cost of Gas	(\$2,546,894)	\$243,752			
Projected Prorated Sales <del>(11/01/12-04/30/13)</del> <u>(05/01/13 - 10/31/13)</u>	27,305,924	7,625,909			
<b>Indirect Cost of Gas</b>			<b>(\$0.0922)</b>	<b>\$0.0320</b>	per therm
<b>TOTAL PERIOD AVERAGE COST OF GAS</b>			<b>\$0.8159</b>	<b>\$0.5553</b>	per therm
Period Ending Under-collection as determined on 1/25/13	\$985,962.00				
Projected Sales (02/01/13 - 04/30/13)	12,701,734				
Per Unit Change in Cost of Gas (02/01/13 - 04/30/13)	\$0.0776				
Period Ending Under-collection as determined on 02/25/13 <sup>1</sup>	(\$1,005,326.00)				
Projected Sales (03/01/13 - 04/30/13)	7,530,037				
Per Unit Change in Cost of Gas (03/01/13 - 04/30/13)	(\$0.1335)				

-1 Over-collection w/o rate adjustment as contained in NUI's COG Report dated February 25, 2013

RESIDENTIAL COST OF GAS RATE - 03 <u>05/01/13</u>	COGwr	\$0.7600 <u>0.5553</u>	per therm
	Maximum (COG+25%)	\$1.0199	\$0.6941
RESIDENTIAL COST OF GAS RATE - 11/01/12		\$0.8159	
CHANGE IN PER UNIT COST		\$0.0776	
RESIDENTIAL COST OF GAS RATE - 02/01/13		\$0.8935	
CHANGE IN PER UNIT COST		(\$0.1335)	
RESIDENTIAL COST OF GAS RATE - 03/01/13		\$0.7600	

COM/IND LOW WINTER USE COST OF GAS RATE - 03 <u>05/01/13</u>	COGwl	\$0.6948 <u>0.5180</u>	per therm
	Maximum (COG+25%)	\$0.9384	\$0.6475
COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/12		\$0.7507	
CHANGE IN PER UNIT COST		\$0.0776	
COM/IND LOW WINTER USE COST OF GAS RATE - 02/01/13		\$0.8283	
CHANGE IN PER UNIT COST		(\$0.1335)	
COM/IND LOW WINTER USE COST OF GAS RATE - 03/01/13		\$0.6948	
C&I HLF DEMAND COSTS ALLOCATED PER SMBA		\$152,359	
PLUS: RESIDENTIAL DEMAND REALLOCATION TO C7I HLF		\$5,652	
C&I HLF TOTAL ADJUSTED DEMAND COSTS		\$158,011	
C&I HLF PROJECTED PRORATED SALES (05/01/13-10/31/13)		1,574,665	
DEMAND COST OF GAS RATE		\$0.1003	
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA		\$607,230	
PLUS: RESIDENTIAL COMMODITY COSTS		\$50	
C&I HLF TOTAL ADJUSTED COMMODITY COSTS		\$607,280	
C&I HLF PROJECTED PRORATED SALES (05/01/13-10/31/13)		1,574,665	
COMMODITY COST OF GAS RATE		\$0.3857	
INDIRECT COST OF GAS		\$0.0320	
TOTAL C&I HLF COST OF GAS RATE		\$0.5180	

COM/IND HIGH WINTER USE COST OF GAS RATE - 03 <u>05/01/13</u>	COGwh	\$0.7720 <u>0.5780</u>	per therm
	Maximum (COG+25%)	\$1.0349	\$0.7225
COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/12		\$0.8279	
CHANGE IN PER UNIT COST		\$0.0776	
COM/IND HIGH WINTER USE COST OF GAS RATE - 02/01/13		\$0.9055	
CHANGE IN PER UNIT COST		(\$0.1335)	
COM/IND HIGH WINTER USE COST OF GAS RATE - 03/01/13		\$0.7720	
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA		\$401,356	
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF		\$14,888	
C&I LLF TOTAL ADJUSTED DEMAND COSTS		\$416,244	
C&I LLF PROJECTED PRORATED SALES (05/01/13-10/31/13)		2,596,680	
DEMAND COST OF GAS RATE		\$0.1603	
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA		\$1,001,380	
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF		\$83	
C&I LLF TOTAL ADJUSTED COMMODITY COSTS		\$1,001,463	
C&I LLF PROJECTED PRORATED SALES (05/01/13-10/31/13)		2,596,680	
COMMODITY COST OF GAS RATE		\$0.3857	
INDIRECT COST OF GAS		\$0.0320	
TOTAL C&I LLF COST OF GAS RATE		\$0.5780	



**Local Delivery Adjustment Clause**

Rate Schedule	RLIARA	DSM	ERC	ITM	RCE	RPC	LDAC
Residential Heating	\$0.0104	\$0.0403	\$0.0044	\$0.0000	<del>\$0.0046</del>	\$0.0000	<del>\$0.0123</del> \$0.0000 \$0.0720 0.0551
Residential Non-Heating	\$0.0104	\$0.0403	\$0.0044	\$0.0000	<del>\$0.0046</del>	\$0.0000	<del>\$0.0123</del> \$0.0000 \$0.0720 0.0551
Small C&I	\$0.0104	\$0.0118	\$0.0044	\$0.0000	<del>\$0.0046</del>	\$0.0000	<del>\$0.0123</del> \$0.0000 \$0.0435 0.0266
Medium C&I	\$0.0104	\$0.0118	\$0.0044	\$0.0000	<del>\$0.0046</del>	\$0.0000	<del>\$0.0123</del> \$0.0000 \$0.0435 0.0266
Large C&I	\$0.0104	\$0.0118	\$0.0044	\$0.0000	<del>\$0.0046</del>	\$0.0000	<del>\$0.0123</del> \$0.0000 \$0.0435 0.0266
No Previous Sales Service							

Issued: ~~October 27, 2012~~ March 15, 2013  
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NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

~~WINTER~~ SUMMER SEASON RESIDENTIAL RATES

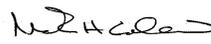
	<del>Winter</del> <u>Summer</u> Season <del>November 2012 - April 2013</del> <u>May 2013 - October 2013</u>	Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
Residential Heating	<b>Tariff Rate R 5:</b> Monthly Customer Charge First 50 therms All usage over 50 therms <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$13.73 \$0.4410 <del>\$0.3829</del> <u>\$0.4410</u> <del>\$0.0720</del> <u>\$0.0551</u>	\$13.73 <del>\$0.5130</del> <u>\$0.4961</u> <del>\$0.4549</del> <u>\$0.4961</u>	\$13.73 <del>\$1.2730</del> <u>\$1.0514</u> <del>\$1.2149</del> <u>\$1.0514</u>
Residential Heating Low income	<b>Tariff Rate R 10:</b> Monthly Customer Charge First 50 therms All usage over 50 therms <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$5.50 \$0.1764 <del>\$0.1532</del> <u>\$0.1764</u> <del>\$0.0720</del> <u>\$0.0551</u>	\$5.50 <del>\$0.2484</del> <u>\$0.2315</u> <del>\$0.2252</del> <u>\$0.2315</u>	\$5.50 <del>\$1.0084</del> <u>\$0.7868</u> <del>\$0.9852</del> <u>\$0.7868</u>
Residential Non-Heating	<b>Tariff Rate R 6:</b> Monthly Customer Charge First 10 therms All usage over 10 therms <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$13.73 \$0.3296 \$0.3296 <del>\$0.0720</del> <u>\$0.0551</u>	\$13.73 <del>\$0.4016</del> <u>\$0.3847</u> <del>\$0.4016</del> <u>\$0.3847</u>	\$13.73 <del>\$1.1616</del> <u>\$0.9400</u> <del>\$1.1616</del> <u>\$0.9400</u>
Residential Non-Heating Low income	<b>Tariff Rate R 11:</b> Monthly Customer Charge First 10 therms All usage over 10 therms <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$9.98 \$0.2499 \$0.2499 <del>\$0.0720</del> <u>\$0.0551</u>	\$9.98 <del>\$0.3219</del> <u>\$0.3050</u> <del>\$0.3219</del> <u>\$0.3050</u>	\$9.98 <del>\$1.0819</del> <u>\$0.8603</u> <del>\$1.0819</del> <u>\$0.8603</u>

Issued: ~~February 25~~ March 15, 2013

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Effective Date: ~~March 1~~ May 1, 2013

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Title: \_\_\_\_\_ Treasurer

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

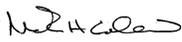
WINTER ~~SUMMER~~ SEASON C&I RATES

	<u>Winter Season</u> November 2012 - May 2013	<u>Summer Season</u> May - October 2013	Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
C&I Low Annual/High Winter	<b>Tariff Rate G 40:</b> Monthly Customer Charge First 75 therms All usage over 75 therms <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas		\$31.40 \$0.2701 \$0.2226 \$0.0435    \$0.0266 \$0.7720    \$0.5780	\$31.40 \$0.3136    \$0.2967 \$0.2664    \$0.2492	\$31.40 \$1.0856    \$0.8747 \$1.0384    \$0.8272
C&I Low Annual/Low Winter	<b>Tariff Rate G 50:</b> Monthly Customer Charge First 75 therms All usage over 75 therms <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas		\$31.40 \$0.2701 \$0.2226 \$0.0435    \$0.0266 \$0.6948    \$0.5180	\$31.40 \$0.3136    \$0.2967 \$0.2664    \$0.2492	\$0.00    \$31.40 \$1.0084    \$0.8147 \$0.9609    \$0.7672
C&I Medium Annual/High Winter	<b>Tariff Rate G 41:</b> Monthly Customer Charge  All usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas		\$94.21  \$0.2016    \$0.1557 \$0.0435    \$0.0266 \$0.7720    \$0.5780	\$94.21  \$0.2454    \$0.1823	\$94.21  \$1.0174    \$0.7603
C&I Medium Annual/Low Winter	<b>Tariff Rate G 51:</b> Monthly Customer Charge First <del>4,300</del> 1,000 therms All usage over <del>4,300</del> 1,000 therms <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas		\$94.21 \$0.1849    \$0.1325 \$0.1482    \$0.1011 \$0.0435    \$0.0266 \$0.6948    \$0.5180	\$94.21 \$0.2284    \$0.1591 \$0.1917    \$0.1277	\$94.21 \$0.9232    \$0.6771 \$0.8865    \$0.6457
C&I High Annual/High Winter	<b>Tariff Rate G 42:</b> Monthly Customer Charge  All usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas		\$314.05  \$0.1933    \$0.1200 \$0.0435    \$0.0266 \$0.7720    \$0.5780	\$314.05 \$0.2368    \$0.1466	\$314.05 \$1.0088    \$0.7246
C&I High Annual/Low Winter	<b>Tariff Rate G 52:</b> Monthly Customer Charge  All usage <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas		\$314.05  \$0.1480    \$0.0694 \$0.0435    \$0.0266 \$0.6948    \$0.5180	\$314.05 \$0.1915    \$0.0960	\$314.05 \$0.8863    \$0.6140

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