

Northern Utilities, Inc.

New Hampshire Division

2012/2013 WINTER SEASON PROPOSED COST OF GAS ADJUSTMENT

TO BE EFFECTIVE NOVEMBER 1, 2012

FILED SEPTEMBER 14, 2012

Tariff Sheets

Fifty-first Revised Page No. 38
Calculation of proposed Cost of Gas Adjustment

Sixty-seventh Revised Page No. 39
Calculation of proposed Cost of Gas Adjustment

Seventeenth Revised Page 56
LDAC Rates

Fifty-seventh Revised Page 94
Rate Summary

Fifty-seventh Revised Page 95
Rate Summary

Forty-third Revised Page 96
Rate Summary

Twelfth Revised Page 154
Appendix A

Eleventh Revised Page 169
Appendix C

Fifth Revised Page 170-b
Appendix D

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	
v	Second Revised	
1	Original	
2	Original	
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4	Original	
5	Original	
6	Original	
7	Original	
8	Original	
9	Original	
10	First Revised	
11	Original	
12	Original	
13	Original	
14	Original	
15	Original	
16	Second Revised	
17	Second Revised	
18	Third Revised	
19	Third Revised	
20	Fourth Revised	
20.1	Original	
21	Fourth Revised	
21.1	Original	
22	Second Revised	
23	Second Revised	
24	Third Revised	
25	Second Revised	
26	Second Revised	
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28	Third Revised	
29	Third Revised	
30	Second Revised	
31	Second Revised	
32	Fourth Revised	
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34	Second Revised	
35	Second Revised	
36	Second Revised	
37	Third Revised	
37.1	Second Revised	
37.2	First Revised	
38	Fiftieth Revised	Fifty-first Revised
39	Sixty-sixth Revised	Sixty-seventh 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>
40	Twenty-fourth Revised	
41	First Revised	
42	First Revised	
43	Third Revised	
44	Fourth Revised	
45	Third Revised	
46	Second Revised	
47	Second Revised	
48	Second Revised	
49	Second Revised	
50	Second Revised	
51	Second Revised	
52	Second Revised	
53	Third Revised	
54	Third Revised	
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55-b	Second Revised	
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55-d	First Revised	
55-e	First Revised	
56	Sixteenth Revised	Seventeenth Revised
57	Third Revised	
58	First Revised	
59	Fourth Revised	
60	Third Revised	
60-a	First Revised	
61	Fourth Revised	
62	Second Revised	
63	Fourth Revised	
64	Second Revised	
65	First Revised	
66	First Revised	
67	First Revised	
68	First Revised	
69	First Revised	
70	Fourth Revised	
71	First Revised	
72	Third Revised	
73	First Revised	
74	Third Revised	
75	First Revised	
76	Third Revised	
77	First Revised	
78	Third Revised	
79	First Revised	
80	Third Revised	
81	First Revised	
82	Third 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>
83	First Revised	
84	Third Revised	
85	First Revised	
86	Third Revised	
87	First Revised	
88	Third Revised	
89	First Revised	
90	Third Revised	
91	First Revised	
92	Third Revised	
93	First Revised	
94	Fifty-sixth Revised	Fifty-seventh Revised
95	Fifty-sixth Revised	Fifty-seventh Revised
96	Forty-second Revised	Forty-third Revised
97	First Revised	
98	First Revised	
99	Eleventh Revised	
99-a	Eighteenth Revised	
100	Original	
101	Original	
102	Original	
103	Original	
104	First Revised	
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121	First Revised	
122	First Revised	
122-a	Original	
123	Original	
124	First Revised	
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126	First Revised	
127	First Revised	
128	First Revised	
129	First Revised	

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.

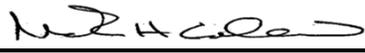
<u>Pages</u>	<u>Revision</u>	<u>Proposed</u>
130	First Revised	
131	First Revised	
132	First Revised	
133	First Revised	
134	First Revised	
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149	First Revised	
150	First Revised	
151	First Revised	
152	First Revised	
152-a	Original	
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160	Original	
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163	Original	
164	Original	
165	Original	
166	Original	
167	Original	
168	Original	
169	Tenth Revised	Eleventh Revised
170	Original	
170-a	Original	
170-b	Fourth Revised	Fifth Revised
171	First Revised	

Anticipated Cost of Gas

New Hampshire Division
Period Covered: November 1, 2012 - April 30, 2013

(Col 1)	(Col 2)	(Col 3)
<u>ANTICIPATED DIRECT COST OF GAS</u>		
Purchased Gas:		
Demand Costs:	\$2,023,753	
Supply Costs:	\$8,117,009	
Storage & Peaking Gas:		
Demand, Capacity:	\$12,098,754	
Commodity Costs:	\$3,182,658	
Hedging (Gain)/Loss	\$822,275	
Interruptible Included Above	\$0	
Inventory Finance Charge	\$4,654	
Capacity Release, Asset Management, PNGTS Cost	<u>(\$2,180,758)</u>	
Total Anticipated Direct Cost of Gas		<u>\$24,068,344</u>
<u>ANTICIPATED INDIRECT COST OF GAS</u>		
Adjustments:		
Prior Period Under/(Over) Collection	(\$3,105,739)	
Interest	(\$10,976)	
Refunds	(\$168,825)	
<u>Interruptible Margins</u>	<u>\$0</u>	
Total Adjustments		(\$3,285,540)
Working Capital:		
Total Anticipated Direct Cost of Gas	\$24,068,344	
Working Capital Percentage	0.082%	
Working Capital Allowance	\$19,823	
Plus: Working Capital Reconciliation (Acct 182.11)	<u>(\$9,592)</u>	
Total Working Capital Allowance		\$10,231
Bad Debt:		
Bad Debt Allowance	\$271,636	
Plus: Bad Debt Reconciliation (Acct 182.16)	(\$142,934)	
Total Bad Debt Allowance		\$128,702
Local Production and Storage Capacity		\$307,762
Miscellaneous Overhead-78.17% Allocated to Winter Season		\$321,744
Total Anticipated Indirect Cost of Gas		<u>(\$2,517,100)</u>
Total Cost of Gas		<u>\$21,551,244</u>

Issued: September 14, 2012
 Effective Date: November 1, 2012

Issued By: 
 Treasurer

Authorized by NHPUC Order No. _____, in Docket No. DG 12-____, dated _____, 2012

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: November 1, 2012 - April 30, 2013

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$24,068,344	
Projected Prorated Sales (11/01/12- 04/30/13)	27,305,924	
Direct Cost of Gas Rate		\$0.8814 per therm
Demand Cost of Gas Rate	\$11,941,749	\$0.4373 per therm
Commodity Cost of Gas Rate	<u>\$12,126,595</u>	<u>\$0.4441</u> per therm
Total Direct Cost of Gas Rate	\$24,068,343	\$0.8814 per therm
Total Anticipated Indirect Cost of Gas	(\$2,517,100)	
Projected Prorated Sales (11/01/12- 04/30/13)	27,305,924	
Indirect Cost of Gas		(\$0.0922) per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$0.7892 per therm

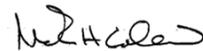
RESIDENTIAL COST OF GAS RATE - 11/01/12	COGwr	\$0.7892 per therm
	Maximum (COG+25%)	\$0.9865

COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/12	COGwl	\$0.7111 per therm
	Maximum (COG+25%)	\$0.8889

C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$710,730
PLUS: RESIDENTIAL DEMAND REALLOCATION TO C7I HLF	<u>\$16,345</u>
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$727,075
C&I HLF PROJECTED PRORATED SALES (11/1/12-04/30/13)	2,179,467
DEMAND COST OF GAS RATE	\$0.3336
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$1,026,424
PLUS: RESIDENTIAL COMMODITY COSTS	<u>(\$2,721)</u>
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$1,023,703
C&I HLF PROJECTED PRORATED SALES (11/01/12-04/30/13)	2,179,467
COMMODITY COST OF GAS RATE	\$0.4697
INDIRECT COST OF GAS	(\$0.0922)
TOTAL C&I HLF COST OF GAS RATE	\$0.7111

COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/12	COGwh	\$0.8037 per therm
	Maximum (COG+25%)	\$1.0046

C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$5,258,837
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	<u>\$120,941</u>
C&I LLF TOTAL ADJUSTED DEMAND COSTS	\$5,379,778
C&I LLF PROJECTED PRORATED SALES (11/01/12-04/30/13)	11,784,423
DEMAND COST OF GAS RATE	\$0.4565
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$5,191,440
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	<u>(\$13,762)</u>
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	\$5,177,678
C&I LLF PROJECTED PRORATED SALES (11/1/12-04/30/13)	11,784,423
COMMODITY COST OF GAS RATE	\$0.4394
INDIRECT COST OF GAS	(\$0.0922)
TOTAL C&I LLF COST OF GAS RATE	\$0.8037



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

Winter Season November 2012 - April 2013		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	\$13.73	\$13.73	\$13.73
	First 50 therms	\$0.4410	\$0.5118	\$1.3010
	All usage over 50 therms	\$0.3829	\$0.4537	\$1.2429
	LDAC	\$0.0708		
	<u>Gas Cost Adjustment:</u> Cost of Gas	\$0.7892		
Residential Heating Low Income	<u>Tariff Rate R 10:</u>			
	Monthly Customer Charge	\$5.50	\$5.50	\$5.50
	First 50 therms	\$0.1764	\$0.2472	\$1.0364
	All usage over 50 therms	\$0.1532	\$0.2240	\$1.0132
	LDAC	\$0.0708		
	<u>Gas Cost Adjustment:</u> Cost of Gas	\$0.7892		
Residential Non-Heating	<u>Tariff Rate R 6:</u>			
	Monthly Customer Charge	\$13.73	\$13.73	\$13.73
	First 10 therms	\$0.3296	\$0.4004	\$1.1896
	All usage over 10 therms	\$0.3296	\$0.4004	\$1.1896
	LDAC	\$0.0708		
	<u>Gas Cost Adjustment:</u> Cost of Gas	\$0.7892		
Residential Non-Heating Low Income	<u>Tariff Rate R 11:</u>			
	Monthly Customer Charge	\$9.98	\$9.98	\$9.98
	First 10 therms	\$0.2499	\$0.3207	\$1.1099
	All usage over 10 therms	\$0.2499	\$0.3207	\$1.1099
	LDAC	\$0.0708		
	<u>Gas Cost Adjustment:</u> Cost of Gas	\$0.7892		

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Issued by:



Title: Treasurer

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

Winter Season November 2012 - April 2013		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	\$31.40 \$0.2701 \$0.2226 \$0.0444 \$0.8037	\$31.40 \$0.3145 \$0.2670	\$31.40 \$1.1182 \$1.0707
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	\$31.40 \$0.2701 \$0.2226 \$0.0444 \$0.7111	\$31.40 \$0.3145 \$0.2670	\$31.40 \$1.0256 \$0.9781
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	\$94.21 \$0.2016 \$0.0444 \$0.8037	\$94.21 \$0.2460	\$94.21 \$1.0497
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	\$94.21 \$0.1849 \$0.1482 \$0.0444 \$0.7111	\$94.21 \$0.2293 \$0.1926	\$94.21 \$0.9404 \$0.9037
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	\$0.00 \$0.1933 \$0.0444 \$0.8037	\$0.00 \$0.2377	\$0.00 \$1.0414
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	\$314.05 \$0.1480 \$0.0444 \$0.7111	\$314.05 \$0.1924	\$314.05 \$0.9035

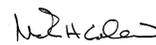
Issued: September 14, 2012

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Title: _____ Treasurer



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

Winter Season November 2012 - April 2013		Tariff Rates	Total Delivery Rates (Includes LDAC)
C&I Low Annual/High Winter	Tariff Rate T 40:		
	Monthly Customer Charge	\$31.40	\$31.40
	First 75 therms	\$0.2701	\$0.3145
	All usage over 75 therms	\$0.2226	\$0.2670
LDAC		\$0.0444	
C&I Low Annual/Low Winter	Tariff Rate T 50:		
	Monthly Customer Charge	\$31.40	\$31.40
	First 75 therms	\$0.2701	\$0.3145
	All usage over 75 therms	\$0.2226	\$0.2670
LDAC		\$0.0444	
C&I Medium Annual/High Winter	Tariff Rate T 41:		
	Monthly Customer Charge	\$94.21	\$94.21
	All usage	\$0.2016	\$0.2460
LDAC		\$0.0444	
C&I Medium Annual/Low Winter	Tariff Rate T 51:		
	Monthly Customer Charge	\$94.21	\$94.21
	First 1,300 therms	\$0.1849	\$0.2293
	All usage over 1,300 therms	\$0.1482	\$0.1926
LDAC		\$0.0444	
C&I High Annual/High Winter	Tariff Rate T 42:		
	Monthly Customer Charge	\$314.05	\$314.05
	All usage	\$0.1933	\$0.2377
LDAC		\$0.0444	
C&I High Annual/Low Winter	Tariff Rate T 52:		
	Monthly Customer Charge	\$314.05	\$314.05
	All usage	\$0.1480	\$0.1924
LDAC		\$0.0444	
C&I Interruptible Transportation	Tariff Rate IT:		
	Monthly Customer Charge	\$170.21	\$170.21
	First 20,000 therms	\$0.1299	\$0.1299
	All usage over 20,000 therms	\$0.1108	\$0.1108

Issued: September 14, 2012

Issued by: 

Effective: With Service Rendered On and After November 1, 2012

Title:

Authorized by NHPUC Order No. _____ in Docket No. DG _____, dated _____, 2012

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: \$ 11.09 per MMBtu per MDPQ per month for November 2012 through April 2013.

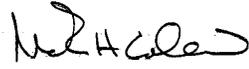
- Updated effective every November 1 to reflect the Company’s Peaking resources and associated costs.

III. Company Allowance Calculation: 0.60% - 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 14, 2012

Issued by: 

Effective: November 1, 2012

Treasurer

Authorized by NHPUC Order No. _____ in Docket No. DG 12 - ____, dated _____.

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, 2012 through October 31, 2013.

Commercial and Industrial

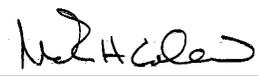
	<u>High Winter Use</u>	<u>Low Winter Use</u>
Pipeline:	17.36%	55.58%
Storage:	36.05%	19.38%
Peaking:	46.59%	25.04%

Issued: September 14, 2012

Effective: November 1, 2012

Authorized by NHPUC Order No. _____ in Docket No. DG12-__ __, dated _____.

Issued by:



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, 2012 through October 31, 2013.

Effective Dates:	November 1, 2012 – October 31, 2013
Annual Average Unit Cost:	\$ 367.51
25% - Annual Charge for Re-Entry Fee:	\$ 91.88
Monthly Unit Charge for Re-Entry Fee:	\$ 7.66

Issued: September 14, 2012

Effective: November 1, 2012

Authorized by NHPUC Order No. _____ in Docket No. DG 12 - ____, dated _____.

Issued by:



Treasurer

Anticipated Cost of Gas

New Hampshire Division

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

(Col 1)	(Col 2)	(Col 3)
<u>ANTICIPATED DIRECT COST OF GAS</u>		
Purchased Gas:		
Demand Costs:	\$ 481,574 \$ 2,023,753	
Supply Costs:	\$ 2,045,969 \$ 8,117,009	
Storage & Peaking Gas:		
Demand, Capacity:	\$ 377,162 \$ 12,098,754	
Commodity Costs:	\$ 21,944 \$ 3,182,658	
Hedging (Gain)/Loss	\$ 239,048 \$ 822,275	
Interruptible Included Above	\$ \$ -	
Inventory Finance Charge	\$ \$ 4,654	
Capacity Release	\$ \$ (2,180,758)	
Total Anticipated Direct Cost of Gas	\$ 3,165,697 \$ 24,068,344	
<u>ANTICIPATED INDIRECT COST OF GAS</u>		
Adjustments:		
Prior Period Under/(Over) Collection	\$ (104,463) \$ (3,105,739)	
Interest	\$ (2,129) \$ (10,976)	
Refunds	\$ \$ (168,825)	
<u>Interruptible Margins</u>	\$ \$ -	
Total Adjustments	\$ (106,592) \$ (3,285,540)	
Working Capital:		
Total Anticipated Direct Cost of Gas	\$ 3,165,697 \$ 24,068,344	
Working Capital Percentage	0.082% <u>0.082%</u>	
Working Capital Allowance	\$ 2,607 \$ 19,823	
Plus: Working Capital Reconciliation (Acct 182.11)	\$ (952) \$ (9,592)	
Total Working Capital Allowance	\$ 1,655 \$ 10,231	
Bad Debt:		
Projected Bad Debt	\$ 650,000	
Bad Debt Supply Portion (64%)	\$ 416,526	
Seasonal Bad Debt Portion (91%)	\$ 39,068	
Bad Debt Allowance	\$ 271,636	
Plus: Bad Debt Reconciliation (Acct 182.16)	\$ (1,283) \$ (142,934)	
Total Bad Debt Allowance	\$ 37,785 \$ 128,702	
Local Production and Storage Capacity	\$ \$ 307,762	
Miscellaneous Overhead - 20.69 <u>18.17</u>% Allocated to Summer <u>Winter</u> Season	\$ 85,176 \$ 321,744	
Total Anticipated Indirect Cost of Gas	\$ 18,025 \$ (2,517,100)	
Total Cost of Gas	\$ 3,183,722 \$ 21,551,244	

Issued: ~~May 1, 2012~~ **September 14, 2012**
Effective Date: ~~May 1, 2012~~ **November 1, 2012**

Issued By: _____
Treasurer

CALCULATION OF FIRM SALES COST OF GAS RATE

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

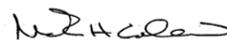
(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$3,165,697	\$24,068,344
Projected Prorated Sales (05/01/12-10/31/12) (11/1/12 - 04/30/13)	<u>7,466,673</u>	<u>27,305,924</u>
Direct Cost of Gas Rate		\$0.4240 \$0.8814 per therm
Demand Cost of Gas Rate	\$858,736	\$0.4450 \$0.4373 per therm
Commodity Cost of Gas Rate	\$2,306,962	\$0.3090 \$0.4441 per therm
Total Direct Cost of Gas Rate	\$3,165,697	\$0.4240 \$0.8814 per therm
Total Anticipated Indirect Cost of Gas	\$48,025	(\$2,517,100)
Projected Prorated Sales (05/01/12-10/31/12) (11/1/12 - 04/30/13)	<u>7,466,673</u>	<u>27,305,924</u>
Indirect Cost of Gas		\$0.0024 (\$0.0922) per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$0.4264 \$0.7892 per therm
Period Ending Over-collection as determined on 5/25/12 ¹	(\$157,878.00)	
Projected Sales (06/01/12 - 10/31/12)	6,120,081	
Per-Unit Change in Cost of Gas (06/01/11 - 10/31/11)	(\$0.0258)	
Period Ending Under-collection as determined on 7/25/12 ²	\$115,719.60	
Projected Sales (08/01/12 - 10/31/12)	3,979,437	
Per-Unit Change in Cost of Gas (08/01/11 - 10/31/11)	\$0.0291	
Period Ending Under-collection as determined on 8/22/12 ³	(\$82,167.00)	
Projected Sales (09/01/12 - 10/31/12)	2,903,745	
Per-Unit Change in Cost of Gas (09/01/11 - 10/31/11)	(\$0.0289)	

- 1 Over-collection w/o rate adjustment as contained in NUI's COG Report dated May 25, 2012
- 2 Over-collection w/o rate adjustment as contained in NUI's COG Report dated July 25, 2012
- 3 Over-collection w/o rate adjustment as contained in NUI's COG Report dated August 22, 2012

RESIDENTIAL COST OF GAS RATE - 09/11/01/12	COGwr	\$0.4014 0.7892	per therm
	Maximum (COG+25%)	\$0.5330	\$0.9865
RESIDENTIAL COST OF GAS RATE - 05/01/12		\$0.4264	
CHANGE IN PER UNIT COST		(\$0.0258)	
RESIDENTIAL COST OF GAS RATE - 06/01/12		\$0.4006	
CHANGE IN PER UNIT COST		\$0.0291	
RESIDENTIAL COST OF GAS RATE - 08/01/12		\$0.4297	
CHANGE IN PER UNIT COST		(\$0.0283)	
RESIDENTIAL COST OF GAS RATE - 09/01/12		\$0.4014	

COM/IND LOW WINTER USE COST OF GAS RATE - 09/11/01/12	COGwl	\$0.3585 0.7111	per therm
	Maximum (COG+25%)	\$0.4794	\$0.8889
COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/12		\$0.3835	
CHANGE IN PER UNIT COST		(\$0.0258)	
COM/IND LOW WINTER USE COST OF GAS RATE - 06/01/12		\$0.3577	
CHANGE IN PER UNIT COST		\$0.0291	
COM/IND LOW WINTER USE COST OF GAS RATE - 08/01/12		\$0.3868	
CHANGE IN PER UNIT COST		(\$0.0283)	
RESIDENTIAL COST OF GAS RATE - 09/01/12		\$0.3585	
C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$710,730		
PLUS: RESIDENTIAL DEMAND RELOCATION TO C7I HLF	\$16,345		
C&I HLF TOTAL ADJUSTED DEMAND COSTS	<u>\$727,075</u>		
C&I HLF PROJECTED PRORATED SALES (11/1/12-04/30/13)	2,179,467		
DEMAND COST OF GAS RATE	\$0.3336		
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$1,026,424		
PLUS: RESIDENTIAL COMMODITY COSTS	(\$2,721)		
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	<u>\$1,023,703</u>		
C&I HLF PROJECTED PRORATED SALES (11/01/12-04/30/13)	2,179,467		
COMMODITY COST OF GAS RATE	\$0.4697		
INDIRECT COST OF GAS	(\$0.0922)		
TOTAL C&I HLF COST OF GAS RATE	\$0.7111		

COM/IND HIGH WINTER USE COST OF GAS RATE - 09/11/01/12	COGwh	\$0.4347 0.8037	per therm
	Maximum (COG+25%)	\$0.5746	\$1.0046
COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/12		\$0.4597	
CHANGE IN PER UNIT COST		(\$0.0258)	
COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/12		\$0.4339	
CHANGE IN PER UNIT COST		\$0.0291	
COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/12		\$0.4630	
CHANGE IN PER UNIT COST		(\$0.0283)	
RESIDENTIAL COST OF GAS RATE - 09/01/12		\$0.4347	
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$5,258,837		
PLUS: RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	\$120,941		
C&I LLF TOTAL ADJUSTED DEMAND COSTS	<u>\$5,379,778</u>		
C&I LLF PROJECTED PRORATED SALES (11/01/12-04/30/13)	11,784,423		
DEMAND COST OF GAS RATE	\$0.4565		
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$5,191,440		
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	(\$13,762)		
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	<u>\$5,177,678</u>		
C&I LLF PROJECTED PRORATED SALES (11/1/12-04/30/13)	11,784,423		
COMMODITY COST OF GAS RATE	\$0.4394		
INDIRECT COST OF GAS	(\$0.0922)		
TOTAL C&I LLF COST OF GAS RATE	\$0.8037		

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Treasurer

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

~~SUMMER~~ WINTER SEASON C&I RATES

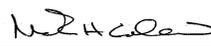
	Summer <u>Winter</u> Season May 2012 - October 2012 <u>November 2012 - April 2013</u>	Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
Residential Heating	Tariff Rate R 5: Monthly Customer Charge First 50 therms All usage over 50 therms LDAC Gas Cost Adjustment: Cost of Gas	\$13.73 \$0.4410 \$0.4410 <u>\$0.3829</u> \$0.0642 <u>\$0.0708</u> \$0.4014 <u>\$0.7892</u>	\$13.73 \$0.5052 <u>\$0.5118</u> \$0.5052 <u>\$0.4537</u>	\$13.73 \$0.9066 <u>\$1.3010</u> \$0.9066 <u>\$1.2429</u>
Residential Heating Low income	Tariff Rate R 10: Monthly Customer Charge First 50 therms All usage over 50 therms LDAC Gas Cost Adjustment: Cost of Gas	\$5.50 \$0.1764 \$0.1764 <u>\$0.1532</u> \$0.0642 <u>\$0.0708</u> \$0.4014 <u>\$0.7892</u>	\$5.50 \$0.2406 <u>\$0.2472</u> \$0.2406 <u>\$0.2240</u>	\$5.50 \$0.6420 <u>\$1.0364</u> \$0.6420 <u>\$1.0132</u>
Residential Non-Heating	Tariff Rate R 6: Monthly Customer Charge First 10 therms All usage over 10 therms LDAC Gas Cost Adjustment: Cost of Gas	\$13.73 \$0.3296 \$0.3296 \$0.0642 <u>\$0.0708</u> \$0.4014 <u>\$0.7892</u>	\$13.73 \$0.3938 <u>\$0.4004</u> \$0.3938 <u>\$0.4004</u>	\$13.73 \$0.7952 <u>\$1.1896</u> \$0.7952 <u>\$1.1896</u>
Residential Non-Heating Low income	Tariff Rate R 11: Monthly Customer Charge First 10 therms All usage over 10 therms LDAC Gas Cost Adjustment: Cost of Gas	\$9.98 \$0.2499 \$0.2499 \$0.0642 <u>\$0.0708</u> \$0.4014 <u>\$0.7892</u>	\$9.98 \$0.3144 <u>\$0.3207</u> \$0.3144 <u>\$0.3207</u>	\$9.98 \$0.7155 <u>\$1.1099</u> \$0.7155 <u>\$1.1099</u>

Issued: ~~August 22~~ September 14, 2012

Issued by:

Effective Date: ~~August~~ November 1, 2012

Authorized by NHPUC Order No. _____ in Docket No. DG _____, dated _____, 2012


Title: _____ Treasurer

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

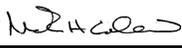
~~SUMMER~~ WINTER SEASON C&I RATES

	<u>Summer</u> <u>Winter</u> Season May-2012 - October-2012 <u>November 2012 - April 2013</u>	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	\$31.40 \$0.2701 \$0.2226 \$0.0435 <u>\$0.0444</u> \$0.4347 <u>\$0.8037</u>	\$31.40 \$0.3136 <u>\$0.3145</u> \$0.2664 <u>\$0.2670</u>	\$31.40 \$0.7483 <u>\$1.1182</u> \$0.7008 <u>\$1.0707</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	\$31.40 \$0.2701 \$0.2226 \$0.0435 <u>\$0.0444</u> \$0.3585 <u>\$0.7111</u>	\$31.40 \$0.3136 <u>\$0.3145</u> \$0.2664 <u>\$0.2670</u>	\$0.00 \$31.40 \$0.6724 <u>\$1.0256</u> \$0.6246 <u>\$0.9781</u>
C&I Medium Annual/High Winter	Tariff Rate G 41: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$94.21 \$0.1557 <u>\$0.2016</u> \$0.0435 <u>\$0.0444</u> \$0.4347 <u>\$0.8037</u>	\$94.21 \$0.1992 <u>\$0.2460</u>	\$94.21 \$0.6339 <u>\$1.0497</u>
C&I Medium Annual/Low Winter	Tariff Rate G 51: Monthly Customer Charge First 4,000 <u>1,300</u> therms All usage over 4,000 <u>1,300</u> therms LDAC Gas Cost Adjustment: Cost of Gas	\$94.21 \$0.1325 <u>\$0.1849</u> \$0.1014 <u>\$0.1482</u> \$0.0435 <u>\$0.0444</u> \$0.3585 <u>\$0.7111</u>	\$94.21 \$0.1760 <u>\$0.2293</u> \$0.1446 <u>\$0.1926</u>	\$94.21 \$0.5345 <u>\$0.9404</u> \$0.5034 <u>\$0.9037</u>
C&I High Annual/High Winter	Tariff Rate G 42: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$314.05 \$0.1200 <u>\$0.1933</u> \$0.0435 <u>\$0.0444</u> \$0.4347 <u>\$0.8037</u>	\$314.05 \$0.1635 <u>\$0.2377</u>	\$314.05 \$0.5982 <u>\$1.0414</u>
C&I High Annual/Low Winter	Tariff Rate G 52: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$314.05 \$0.0694 <u>\$0.1480</u> \$0.0435 <u>\$0.0444</u> \$0.3585 <u>\$0.7111</u>	\$314.05 \$0.1129 <u>\$0.1924</u>	\$314.05 \$0.4714 <u>\$0.9035</u>

Issued: ~~July-25~~September 14, 2012

Issued by:

Effective Date: ~~September~~November 1, 2012


Title: _____ Treasurer

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

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

~~SUMMER~~WINTER SEASON C&I RATES

Summer Winter Season May 2012 - October 2012 November 2012 - April 2013		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	\$31.40 \$0.2701 \$0.2226 \$0.0435 <u>\$0.0444</u>	\$31.40 \$0.3136 <u>\$0.3145</u> \$0.2664 <u>\$0.2670</u>
C&I Low Annual/Low Winter	Tariff Rate T 50: Monthly Customer Charge First 75 therms All usage over 75 therms LDAC	\$31.40 \$0.2701 \$0.2226 \$0.0435 <u>\$0.0444</u>	\$31.40 \$0.3136 <u>\$0.3145</u> \$0.2664 <u>\$0.2670</u>
C&I Medium Annual/High Winter	Tariff Rate T 41: Monthly Customer Charge All usage LDAC	\$94.21 \$0.1557 <u>\$0.2016</u> \$0.0435 <u>\$0.0444</u>	\$94.21 \$0.1992 <u>\$0.2460</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	\$94.21 \$0.1325 <u>\$0.1849</u> \$0.1011 <u>\$0.1482</u> \$0.0435 <u>\$0.0444</u>	\$94.21 \$0.1760 <u>\$0.2293</u> \$0.1446 <u>\$0.1926</u>
C&I High Annual/High Winter	Tariff Rate T 42: Monthly Customer Charge All usage LDAC	\$314.05 \$0.1200 <u>\$0.1933</u> \$0.0435 <u>\$0.0444</u>	\$314.05 \$0.1635 <u>\$0.2377</u>
C&I High Annual/Low Winter	Tariff Rate G 52: Monthly Customer Charge All usage LDAC	\$314.05 \$0.0694 <u>\$0.1480</u> \$0.0435 <u>\$0.0444</u>	\$314.05 \$0.1129 <u>\$0.1924</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>	\$170.21 \$0.0407 <u>\$0.1299</u> \$0.0347 <u>\$0.1108</u>

Issued: ~~May 1~~ September 14, 2012

Issued by:

W. H. Cole

Effective: With Service Rendered On and After ~~May 4~~ November 1, 2012

Title:

Authorized by NHPUC Order No. _____ in Docket No. DG _____, dated _____, 2012

VII. DELIVERY SERVICE TERMS AND CONDITIONS

APPENDIX A

Schedule of Administrative Fees and Charges

I. Supplier Balancing Charge: \$0.7877 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: \$ ~~13.10~~11.03 per MMBtu per MDPQ per month for November 201~~1~~² through April 201~~2~~³.

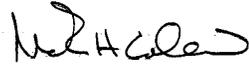
- Updated effective every November 1 to reflect the Company’s Peaking resources and associated costs.

III. Company Allowance Calculation: 0.60% - 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 1~~5~~⁴, 201~~1~~²

Issued by:  _____

Effective: November 1, 201~~1~~²

Treasurer

Authorized by NHPUC Order No. _____ in Docket No. DG 12 - ____, dated _____.

VII. DELIVERY SERVICE TERMS AND CONDITIONS

APPENDIX C

Capacity Allocators

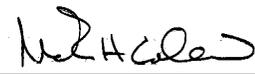
Capacity Allocators shall be calculated and filed with the Commission each year with the Winter Cost of Gas filing. The following Capacity Allocators shall be applicable for capacity assignments during the period of November 1, 201~~4~~2 through October 31, 201~~3~~2.

Commercial and Industrial

	<u>High Winter Use</u>	<u>Low Winter Use</u>
Pipeline:	17.48 <u>17.36</u> %	87.09 <u>55.58</u> %
Storage:	37.87 <u>36.05</u> %	5.93 <u>19.38</u> %
Peaking:	44.65 <u>46.59</u> %	6.98 <u>25.04</u> %

Issued: September ~~15~~4, 201~~4~~2

Issued by:



Effective: November 1, 201~~4~~2

Treasurer

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VII. DELIVERY SERVICE TERMS AND CONDITIONS

APPENDIX D

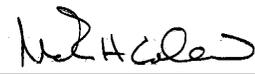
**Firm Sales Service Re-Entry Fee Bill Adjustment
(continued)**

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, 2012 through October 31, 2013.

Effective Dates:	November 1, 2012 – October 31, 2013
Annual Average Unit Cost:	\$ 383.86 <u>367.51</u>
25% - Annual Charge for Re-Entry Fee:	\$ 95.96 <u>91.88</u>
Monthly Unit Charge for Re-Entry Fee:	\$ 8.00 <u>7.66</u>

Issued: September ~~15~~4, 201~~1~~2

Issued by:



Treasurer

Effective: November 1, 201~~1~~2

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