

Northern Utilities, Inc.

New Hampshire Division

REVISED 2013 / 2014 WINTER SEASON PROPOSED COST OF GAS ADJUSTMENT

TO BE EFFECTIVE NOVEMBER 1, 2013

FILED OCTOBER 17, 2013

Tariff Sheets

Supplement No. 2, First Revised Page 2
Rate Summary

Supplement No. 2, First Revised Page 3
Rate Summary

Supplement No. 2, First Revised Page 4
Rate Summary

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

Seventy-third Revised Page No. 39
Calculation of proposed Cost of Gas Adjustment

Nineteenth Revised Page 56
LDAC Rates

Thirteenth Revised Page 154
Appendix A

Twelfth Revised Page 169
Appendix C

Sixth 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	
Supplement No. 1 Title	Original	
Supplement No.1 Page 1	Original	
Supplement No.1 Page 2	Original	First Revised
Supplement No.1 Page 3	Original	First Revised
Supplement No.1 Page 4	Original	First Revised
i	Original	
ii	Third Revised	
iii	Second Revised	
iv	Second Revised	
v	Second Revised	
1	Original	
2	Original	
3	Original	
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	
27	Second Revised	
28	Third Revised	
29	Third Revised	
30	Second Revised	
31	Second Revised	
32	Fourth Revised	
33	Third Revised	
34	Second Revised	
35	Second Revised	
36	Second Revised	
37	Third 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>
37.1	Second Revised	
37.2	First Revised	
38	Fifty-first Revised	Fifty-third Revised
39	Seventy-second Revised	Seventy-third Revised
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	
55	Third Revised	
55-a	Second Revised	
55-b	Second Revised	
55-c	First Revised	
55-d	First Revised	
55-e	First Revised	
56	Eighteenth Revised	Nineteenth 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	

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>
80	Third Revised	
81	First Revised	
82	Third Revised	
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	Sixty-second Revised	
95	Sixty-second Revised	
96	Forty-fourth 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	
105	Original	
106	Original	
107	Original	
108	Original	
109	Original	
110	Original	
111	Original	
112	Original	
113	Original	
114	Original	
115	Original	
116	Original	
117	Original	
118	Original	
119	Original	
120	Original	
121	First Revised	
122	First Revised	
122-a	Original	
123	Original	
124	First Revised	
125	First Revised	
126	First Revised	
127	First Revised	

CHECK SHEET

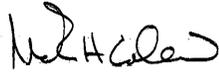
The title page and pages i-171 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

<u>Pages</u>	<u>Revision</u>	<u>Proposed</u>
128	First Revised	
129	First Revised	
130	First Revised	
131	First Revised	
132	First Revised	
133	First Revised	
134	First Revised	
135	First Revised	
136	First Revised	
137	First Revised	
138	First Revised	
139	First Revised	
140	First Revised	
141	First Revised	
142	First Revised	
143	First Revised	
144	First Revised	
145	First Revised	
146	First Revised	
147	First Revised	
148	First Revised	
149	First Revised	
150	First Revised	
151	First Revised	
152	First Revised	
152-a	Original	
153	Second Revised	
154	Twelfth Revised	Thirteenth Revised
155	Original	
156	Original	
157	Original	
158	Original	
159	Original	
160	Original	
161	Original	
162	Original	
163	Original	
164	Original	
165	Original	
166	Original	
167	Original	
168	Original	
169	Eleventh Revised	Twelfth Revised
170	Original	
170-a	Original	
170-b	Fifth Revised	Sixth Revised
171	First Revised	

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

Winter Season November 2013 - April 2014		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	\$0.4831	\$0.5320	\$1.3850
	All usage over 50 therms	\$0.4250	\$0.4739	\$1.3269
	LDAC	\$0.0489		
	<u>Gas Cost Adjustment:</u> Cost of Gas	\$0.8530		
Residential Heating Low Income	<u>Tariff Rate R 10:</u>			
	Monthly Customer Charge	\$5.50	\$5.50	\$5.50
	First 50 therms	\$0.2185	\$0.2674	\$1.1204
	All usage over 50 therms	\$0.1953	\$0.2442	\$1.0972
	LDAC	\$0.0489		
	<u>Gas Cost Adjustment:</u> Cost of Gas	\$0.8530		
Residential Non-Heating	<u>Tariff Rate R 6:</u>			
	Monthly Customer Charge	\$13.73	\$13.73	\$13.73
	First 10 therms	\$0.3717	\$0.4206	\$1.2736
	All usage over 10 therms	\$0.3717	\$0.4206	\$1.2736
	LDAC	\$0.0489		
	<u>Gas Cost Adjustment:</u> Cost of Gas	\$0.8530		
Residential Non-Heating Low Income	<u>Tariff Rate R 11:</u>			
	Monthly Customer Charge	\$9.98	\$9.98	\$9.98
	First 10 therms	\$0.2920	\$0.3409	\$1.1939
	All usage over 10 therms	\$0.2920	\$0.3409	\$1.1939
	LDAC	\$0.0489		
	<u>Gas Cost Adjustment:</u> Cost of Gas	\$0.8530		

Issued: October 17, 2013
 Effective: With Service Rendered On and After November 1, 2013
 Authorized by NHPUC Order No. in Docket No. DG 13-257, dated

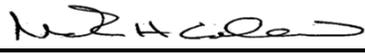
Issued by: 
 Title: _____ Treasurer

Anticipated Cost of Gas

**New Hampshire Division
 Period Covered: November 1, 2013 - April 30, 2014**

(Col 1)	(Col 2)	(Col 3)
<u>ANTICIPATED DIRECT COST OF GAS</u>		
Purchased Gas:		
Demand Costs:	\$2,599,470	
Supply Costs:	\$11,417,690	
Storage & Peaking Gas:		
Demand, Capacity:	\$11,484,880	
Commodity Costs:	\$4,717,787	
Hedging (Gain)/Loss	\$37,205	
Interruptible Included Above	\$0	
Inventory Finance Charge	\$5,527	
Capacity Release, Asset Management, PNGTS Cost	<u>(\$4,673,935)</u>	
Total Anticipated Direct Cost of Gas		<u>\$25,588,624</u>
<u>ANTICIPATED INDIRECT COST OF GAS</u>		
Adjustments:		
Prior Period Under/(Over) Collection	(\$2,128,249)	
Miscellaneous	\$0	
Interest	\$23,726	
<u>Refunds</u>	<u>(\$543,335)</u>	
Total Adjustments		(\$2,647,857)
Working Capital:		
Total Anticipated Direct Cost of Gas	\$25,588,625	
Working Capital Percentage	0.082%	
Working Capital Allowance	\$21,075	
Plus: Working Capital Reconciliation (Acct 182.11)	<u>(\$1,852)</u>	
Total Working Capital Allowance		\$19,223
Bad Debt:		
Bad Debt Allowance	\$263,169	
Plus: Bad Debt Reconciliation (Acct 182.16)	(\$71,949)	
Total Bad Debt Allowance		\$191,220
Local Production and Storage Capacity		\$307,762
Miscellaneous Overhead-80.94% Allocated to Winter Season		\$333,160
Total Anticipated Indirect Cost of Gas		(\$1,796,493)
Total Cost of Gas		<u>\$23,792,131</u>

Issued: October 17, 2013
 Effective Date: November 1, 2013

Issued By: 
 Treasurer

Authorized by NHPUC Order No. _____, in Docket No. DG 13-____, dated _____, 2013

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: November 1, 2013 - April 30, 2014

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$25,588,624	
Projected Prorated Sales (11/01/13- 04/30/14)	27,891,158	
Direct Cost of Gas Rate		\$0.9174 per therm
Demand Cost of Gas Rate	\$9,410,416	\$0.3374 per therm
Commodity Cost of Gas Rate	<u>\$16,178,209</u>	<u>\$0.5800</u> per therm
Total Direct Cost of Gas Rate	\$25,588,624	\$0.9174 per therm
Total Anticipated Indirect Cost of Gas	(\$1,796,492)	
Projected Prorated Sales (11/01/13- 04/30/14)	27,891,158	
Indirect Cost of Gas		(\$0.0644) per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$0.8530 per therm

RESIDENTIAL COST OF GAS RATE - 11/01/13	COGwr	\$0.8530 per therm
	Maximum (COG+25%)	\$1.0663

COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/13	COGwl	\$0.7762 per therm
	Maximum (COG+25%)	\$0.9703

C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$521,112
PLUS: RESIDENTIAL DEMAND REALLOCATION TO C7I HLF	<u>\$10,166</u>
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$531,279
C&I HLF PROJECTED PRORATED SALES (11/1/13-04/30/14)	2,073,984
DEMAND COST OF GAS RATE	\$0.2562
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$1,212,097
PLUS: RESIDENTIAL COMMODITY COSTS	<u>(\$150)</u>
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$1,211,946
C&I HLF PROJECTED PRORATED SALES (11/01/13-04/30/14)	2,073,984
COMMODITY COST OF GAS RATE	\$0.5844
INDIRECT COST OF GAS	(\$0.0644)
TOTAL C&I HLF COST OF GAS RATE	\$0.7762

COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/13	COGwh	\$0.8664 per therm
	Maximum (COG+25%)	\$1.0830

C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$4,111,012
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	<u>\$80,201</u>
C&I LLF TOTAL ADJUSTED DEMAND COSTS	\$4,191,214
C&I LLF PROJECTED PRORATED SALES (11/01/13-04/30/14)	11,922,823
DEMAND COST OF GAS RATE	\$0.3515
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$6,907,730
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	<u>(\$857)</u>
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	\$6,906,873
C&I LLF PROJECTED PRORATED SALES (11/1/13-04/30/14)	11,922,823
COMMODITY COST OF GAS RATE	\$0.5793
INDIRECT COST OF GAS	(\$0.0644)
TOTAL C&I LLF COST OF GAS RATE	\$0.8664

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: \$ 14.89 per MMBtu per MDPQ per month for November 2013 through April 2014.

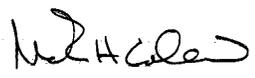
- Updated effective every November 1 to reflect the Company’s Peaking resources and associated costs.

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: October 17, 2013
Effective: November 1, 2013

Issued by: 
Treasurer

Authorized by NHPUC Order No. _____ in Docket No. DG 13 - ____, 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, 2013 through October 31, 2014.

Commercial and Industrial

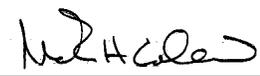
	<u>High Winter Use</u>	<u>Low Winter Use</u>
Pipeline:	20.51%	70.08%
Storage:	43.13%	16.23%
Peaking:	36.36%	13.68%

Issued: October 17, 2013

Effective: November 1, 2013

Authorized by NHPUC Order No. _____ in Docket No. DG13-257, 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, 2013 through October 31, 2014.

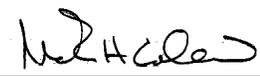
Effective Dates:	November 1, 2013 – October 31, 2014
Annual Average Unit Cost:	\$ 235.78
25% - Annual Charge for Re-Entry Fee:	\$ 58.94
Monthly Unit Charge for Re-Entry Fee:	\$ 4.91

Issued: October 17, 2013

Effective: November 1, 2013

Authorized by NHPUC Order No. _____ in Docket No. DG 13 - ____, dated _____.

Issued by:



Treasurer

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

~~SUMMER~~ WINTER SEASON C&I RATES

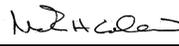
	Summer <u>Winter</u> Season May-2013 - October-2013 <u>November 2013 - April 2014</u>	Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
C&I Low Annual/High Winter	Tariff Rate G 40: Monthly Customer Charge First 75 therms All usage over 75 therms LDAC Gas Cost Adjustment: Cost of Gas	\$31.40 \$0.3122 \$0.2647 \$0.0266 <u>\$0.0227</u> \$0.6085 <u>\$0.8664</u>	\$31.40 \$0.3388 <u>\$0.3349</u> \$0.2913 <u>\$0.2874</u>	\$31.40 \$0.9473 <u>\$1.2013</u> \$0.8998 <u>\$1.1538</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 \$0.3122 \$0.2647 \$0.0266 <u>\$0.0227</u> \$0.5485 <u>\$0.7762</u>	\$31.40 \$0.3388 <u>\$0.3349</u> \$0.2913 <u>\$0.2874</u>	\$31.40 \$0.8873 <u>\$1.1111</u> \$0.8398 <u>\$1.0636</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 \$0.1978 <u>\$0.2437</u> \$0.0266 <u>\$0.0227</u> \$0.6085 <u>\$0.8664</u>	\$94.21 \$0.2244 <u>\$0.2664</u>	\$94.21 \$0.8329 <u>\$1.1328</u>
C&I Medium Annual/Low Winter	Tariff Rate G 51: Monthly Customer Charge First 1,000 <u>1,300</u> therms All usage over 1,000 <u>1,300</u> therms LDAC Gas Cost Adjustment: Cost of Gas	\$94.21 \$0.1746 <u>\$0.2270</u> \$0.1432 <u>\$0.1903</u> \$0.0266 <u>\$0.0227</u> \$0.5485 <u>\$0.7762</u>	\$94.21 \$0.2012 <u>\$0.2497</u> \$0.1698 <u>\$0.2130</u>	\$94.21 \$0.7497 <u>\$1.0259</u> \$0.7183 <u>\$0.9892</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 \$0.1624 <u>\$0.2354</u> \$0.0266 <u>\$0.0227</u> \$0.6085 <u>\$0.8664</u>	\$314.05 \$0.1887 <u>\$0.2581</u>	\$314.05 \$0.7972 <u>\$1.1245</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 \$0.1115 <u>\$0.1901</u> \$0.0266 <u>\$0.0227</u> \$0.5485 <u>\$0.7762</u>	\$314.05 \$0.1384 <u>\$0.2128</u>	\$314.05 \$0.6866 <u>\$0.9890</u>

Issued: ~~July 2~~ October 17, 2013

Effective Date: ~~July~~ November 1, 2013

Authorized by NHPUC Order No. in Docket No. DG 13-257, dated

Issued by:


Title: Treasurer

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

~~SUMMER~~WINTER SEASON C&I RATES

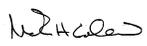
Summer Winter Season May 2013 – October 2013 November 2013 - April 2014		Tariff Rates	Total Delivery Rates (Includes LDAC)	
C&I Low Annual/High Winter	Tariff Rate T 40: Monthly Customer Charge First 75 therms All usage over 75 therms LDAC	\$31.40 \$0.3122 \$0.2647 \$0.0266 \$0.0227	\$0.3388 \$0.2913	\$31.40 <u>\$0.3349</u> <u>\$0.2874</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 \$0.3122 \$0.2647 \$0.0266 \$0.0227	\$0.3388 \$0.2913	\$31.40 <u>\$0.3349</u> <u>\$0.2874</u>
C&I Medium Annual/High Winter	Tariff Rate T 41: Monthly Customer Charge All usage LDAC	\$94.2100 \$0.1978 \$0.2437 \$0.0266 \$0.0227	\$0.2244	\$94.21 <u>\$0.2664</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 \$0.1746 <u>\$0.2270</u> \$0.1432 <u>\$0.1903</u> \$0.0266 \$0.0227	\$0.2012 \$0.1698	\$94.21 <u>\$0.2497</u> <u>\$0.2130</u>
C&I High Annual/High Winter	Tariff Rate T 42: Monthly Customer Charge All usage LDAC	\$314.05 \$0.1621 \$0.2354 \$0.0266 \$0.0227	\$0.1887	\$314.05 <u>\$0.2581</u>
C&I High Annual/Low Winter	Tariff Rate G 52: Monthly Customer Charge All usage LDAC	\$314.05 \$0.1115 \$0.1901 \$0.0266 \$0.0227	\$0.1381	\$314.05 <u>\$0.2128</u>
C&I Interruptible Transportation	Tariff Rate IT: Monthly Customer Charge First 20,000 therms All usage over 20,000 therms	\$170.21 \$0.0828 <u>\$0.1720</u> \$0.0768 <u>\$0.1529</u>	\$0.0828 \$0.0768	\$170.21 <u>\$0.1720</u> <u>\$0.1529</u>

Issued: ~~July 2, October 17, 2013~~

Effective: With Service Rendered On and After ~~July 4~~ November 1, 2013

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

Issued by:


Title:

Anticipated Cost of Gas

New Hampshire Division

Period Covered: ~~May 1, 2013~~ **November 1, 2013** - ~~October 31, 2013~~ **April 30, 2014**

(Col 1)	(Col 2)	(Col 3)
<u>ANTICIPATED DIRECT COST OF GAS</u>		
Purchased Gas:		
Demand Costs:	\$ 684,707 \$ 2,599,470	
Supply Costs:	\$ 2,920,655 \$ 11,417,690	
Storage & Peaking Gas:		
Demand, Capacity:	\$ 365,241 \$ 11,484,880	
Commodity Costs:	\$ 21,832 \$ 4,717,787	
Hedging (Gain)/Loss	\$ (1,664) \$ 37,205	
Interruptible Included Above	\$ \$ -	
Inventory Finance Charge	\$ \$ 5,527	
Capacity Release	\$ \$ (4,673,935)	
Total Anticipated Direct Cost of Gas	\$ 3,990,771 \$ 25,588,625	
<u>ANTICIPATED INDIRECT COST OF GAS</u>		
Adjustments:		
Prior Period Under/(Over) Collection	\$ 147,647 \$ (2,128,249)	
Interest	\$ 2,290 \$ -	
Refunds	\$ \$ 23,726	
<u>Interruptible Margins</u>	\$ \$ (543,335)	
Total Adjustments	\$ 149,937 \$ (2,647,857)	
Working Capital:		
Total Anticipated Direct Cost of Gas	\$ 3,990,771 \$ 25,588,625	
Working Capital Percentage	0.082% 0.082%	
Working Capital Allowance	\$ 3,287 \$ 21,075	
Plus: Working Capital Reconciliation (Acct 182.11)	\$ 1,289 \$ (1,852)	
Total Working Capital Allowance	\$ 4,576 \$ 19,223	
Bad Debt:		
Bad Debt Allowance	\$ 18,660 \$ 263,169	
Plus: Bad Debt Reconciliation (Acct 182.16)	\$ (19,277) \$ (71,949)	
Total Bad Debt Allowance	\$ (617) \$ 191,220	
Local Production and Storage Capacity	\$ \$ 307,762	
Miscellaneous Overhead-24.8330.94% Allocated to SummerWinter Season	\$ 89,856 \$ 333,160	
Total Anticipated Indirect Cost of Gas	\$ 243,753 \$ (1,796,492)	
Total Cost of Gas	\$ 4,234,523 \$ 23,792,133	

Issued: ~~May 2, 2013~~ **October 17, 2013**

Effective Date: ~~May 1, 2013~~ **November 1, 2013**

Issued By: _____
Treasurer

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: ~~May 1, 2013 - October 31, 2013~~ **November 1, 2013 - April 30, 2014**

(Col 1)	(Col 2)	(Col 3)		
Total Anticipated Direct Cost of Gas	\$3,990,774	\$25,588,625		
Projected Prorated Sales (11/01/13 - 04/30/14)	<u>7,626,909</u>	<u>27,891,158</u>		
Direct Cost of Gas Rate			\$0.5233	\$0.9174 per therm
Demand Cost of Gas Rate	\$1,049,948	\$9,410,416	\$0.4377	\$0.3374 per therm
Commodity Cost of Gas Rate	\$2,940,823	\$16,178,209	\$0.3856	\$0.5800 per therm
Total Direct Cost of Gas Rate	\$3,990,774	\$25,588,625	\$0.5233	\$0.9174 per therm
Total Anticipated Indirect Cost of Gas	\$243,752	(\$1,796,492)		
Projected Prorated Sales (11/1/13 - 04/30/14)	<u>7,626,909</u>	<u>27,891,158</u>		
Indirect Cost of Gas			\$0.0320	(\$0.0644) per therm
TOTAL PERIOD AVERAGE COST OF GAS			\$0.5553	\$0.8530 per therm
Period Ending Under-collection as determined on 5/24/13 ⁺	\$189,979	\$189,979		
Projected Sales (06/01/13 - 10/31/13)	<u>6,230,383</u>	<u>6,230,383</u>		
Per Unit Change in Cost of Gas (06/01/13 - 10/31/13)	\$0.0305	\$0.0305		

⁺ Under-collection w/o rate adjustment as contained in NUF's COG Report dated May 24, 2013

RESIDENTIAL COST OF GAS RATE - 06/01/13 - 11/01/13	COGwr	\$0.5858	\$0.8530	per therm
	Maximum (COG+25%)	\$0.6944	\$1.0663	

RESIDENTIAL COST OF GAS RATE - 05/01/13	\$0.5553
CHANGE IN PER UNIT COST	\$0.0305
RESIDENTIAL COST OF GAS RATE - 06/01/13	\$0.5858

COM/IND LOW WINTER USE COST OF GAS RATE - 06/01/13 - 11/01/13	COGwl	\$0.5485	\$0.7762	per therm
	Maximum (COG+25%)	\$0.6475	\$0.9703	

COM/IND LOW WINTER USE COST OF GAS RATE - 06/01/13	\$0.5180
CHANGE IN PER UNIT COST	\$0.0305
COM/IND LOW WINTER USE COST OF GAS RATE - 06/01/13	\$0.5485

C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$521,112
PLUS: RESIDENTIAL DEMAND RELOCATION TO C7I HLF	<u>\$10,166</u>
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$531,279
C&I HLF PROJECTED PRORATED SALES (11/1/13-04/30/14)	<u>2,073,984</u>
DEMAND COST OF GAS RATE	\$0.2562
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$1,212,097
PLUS: RESIDENTIAL COMMODITY COSTS	<u>(\$150)</u>
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$1,211,946
C&I HLF PROJECTED PRORATED SALES (11/01/13-04/30/14)	<u>2,073,984</u>
COMMODITY COST OF GAS RATE	\$0.5844

INDIRECT COST OF GAS	(\$0.0644)
TOTAL C&I HLF COST OF GAS RATE	\$0.7762

COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/13 - 11/01/13	COGwh	\$0.6085	\$0.8664	per therm
	Maximum (COG+25%)	\$0.7225	\$1.0830	

COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/13	\$0.5780
CHANGE IN PER UNIT COST	\$0.0305
COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/13	\$0.6085

C&I LLF DEMAND COSTS ALLOCATED PER SMBA	\$4,111,012
PLUS: RESIDENTIAL DEMAND RELOCATION TO C7I HLF	<u>\$80,201</u>
C&I LLF TOTAL ADJUSTED DEMAND COSTS	\$4,191,214
C&I LLF PROJECTED PRORATED SALES (11/1/13-04/30/14)	<u>11,922,823</u>
DEMAND COST OF GAS RATE	\$0.3515
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$6,907,730
PLUS: RESIDENTIAL COMMODITY COSTS	<u>(\$857)</u>
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	\$6,906,873
C&I LLF PROJECTED PRORATED SALES (11/01/13-04/30/14)	<u>11,922,823</u>
COMMODITY COST OF GAS RATE	\$0.5793

INDIRECT COST OF GAS	(\$0.0644)
TOTAL C&I HLF COST OF GAS RATE	\$0.8664

Local Delivery Adjustment Clause

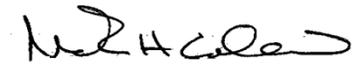
Rate Schedule	RLIARA	DSM	ERC	ITM	RCE	RPC	LDAC
Residential Heating	\$0.0104 0.0065	\$0.0403 0.0393	\$0.0044 0.0031	\$0.0000	\$0.0000	\$0.0000	\$0.0554 0.0489
Residential Non-Heating	\$0.0104 0.0065	\$0.0403 0.0393	\$0.0044 0.0031	\$0.0000	\$0.0000	\$0.0000	\$0.0554 0.0489
Small C&I	\$0.0104 0.0065	\$0.0118 0.0131	\$0.0044 0.0031	\$0.0000	\$0.0000	\$0.0000	\$0.0266 0.0227
Medium C&I	\$0.0104 0.0065	\$0.0118 0.0131	\$0.0044 0.0031	\$0.0000	\$0.0000	\$0.0000	\$0.0266 0.0227
Large C&I	\$0.0104 0.0065	\$0.0118 0.0131	\$0.0044 0.0031	\$0.0000	\$0.0000	\$0.0000	\$0.0266 0.0227
No Previous Sales Service							

Issued: ~~May 2, 2013~~ October 17, 2013

Effective: With Service Rendered On and After ~~May 1, 2012~~ November 1, 2013

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

Issued by:



Title:

Treasurer

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: **\$ ~~11.88~~14.89 per MMBtu** per MDPQ per month for November 201~~23~~3 through April 201~~34~~4.

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

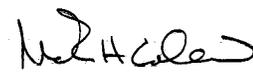
III. Company Allowance Calculation: **0.60%** - Provided in Attachment 3 to Schedule 10

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: ~~November 2~~October 17, 201~~23~~3

Issued by: _____



Treasurer

Effective: November 1, 201~~23~~3

Authorized by NHPUC Order No. _____ in Docket No. DG ~~123~~123 - ____, 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~~2~~3 through October 31, 201~~3~~4.

Commercial and Industrial

	<u>High Winter Use</u>	<u>Low Winter Use</u>
Pipeline:	47.36 <u>20.51</u> %	55.58 <u>70.08</u> %
Storage:	36.05 <u>43.13</u> %	49.38 <u>16.23</u> %
Peaking:	46.59 <u>36.36</u> %	25.04 <u>13.68</u> %

Issued: ~~November 2,~~ October 17, 201~~2~~3

Issued by:



Effective: November 1, 201~~2~~3

Treasurer

Authorized by NHPUC Order No. _____ in Docket No. DG1~~2~~3- __, dated _____.

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, 201~~2~~³ through October 31, 201~~3~~⁴.

Effective Dates:	November 1, 2012³ – October 31, 2013⁴
Annual Average Unit Cost:	\$ 369.57 ^{235.78}
25% - Annual Charge for Re-Entry Fee:	\$ 92.39 ^{58.94}
Monthly Unit Charge for Re-Entry Fee:	\$ 7.70 ^{4.91}

Issued: ~~November 2~~^{October 17}, 201~~2~~³

Issued by: 

Effective: November 1, 201~~2~~³

Treasurer

Authorized by NHPUC Order No. _____ in Docket No. DG ~~12~~³ - ____, dated _____.