

Northern Utilities, Inc.
New Hampshire Division
Winter Season 2011-2012 Cost of Gas

Tariff Sheets

Supplement No. 1, Fifth Revised Page 2
Rate Summary

Supplement No. 1, Fourth Revised Page 3
Rate Summary

Sixty-second Revised Page No. 39
Calculation of Proposed Cost of Gas Adjustment

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>
Supplement No. 1 Title	Original	
Supplement No.1 Page 1	First Revised	
Supplement No.1 Page 2	Fourth Revised	Fifth Revised
Supplement No.1 Page 3	Third Revised	Fourth Revised
Supplement No.1 Page 4	First Revised	
Title	Original	
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	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	
27	Second Revised	
28	Second Revised	
29	Second Revised	
30	Second Revised	
31	Second Revised	
32	Fourth Revised	
33	Second Revised	
34	Second Revised	
35	Second Revised	
36	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>
37	Third Revised	
37.1	Second Revised	
37.2	First Revised	
38	Forty-ninth Revised	
39	Sixty-first Revised	Sixty-second Revised
40	Twenty-fourth Revised	
41	First Revised	
42	First Revised	
43	Second Revised	
44	Third Revised	
45	Second Revised	
46	First Revised	
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	
55-b	First Revised	
55-c	Original	
55-d	Original	
55-e	Original	
56	Fifteenth 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	

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<u>Pages</u>	<u>Revision</u>	<u>Proposed</u>
78	Second Revised	
79	Original	
80	Second Revised	
81	Original	
82	Second Revised	
83	Original	
84	Second Revised	
85	Original	
86	Second Revised	
87	Original	
88	Second Revised	
89	Original	
90	Second Revised	
91	Original	
92	Second Revised	
93	Original	
94	Fifty-second Revised	
95	Fifty-second Revised	
96	Forty-first 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	

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>
125	First Revised	
126	First Revised	
127	First Revised	
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	Eleventh 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	Tenth Revised	
170	Original	
170-a	Original	
170-b	Fourth 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.

Pages

Revision

Proposed

171

First Revised

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
WINTER SEASON RESIDENTIAL RATES

Winter Season November 2011 - April 2012		Tariff Rates (1)	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	\$9.50	\$9.50	\$9.50
	First 50 therms	\$0.4395	\$0.4835	\$1.5755
	All usage over 50 therms	\$0.3283	\$0.3723	\$1.4643
	LDAC	\$0.0440		
	<u>Gas Cost Adjustment:</u>			
	Cost of Gas	\$1.0920		
Residential Heating Low Income	<u>Tariff Rate R 10:</u>			
	Monthly Customer Charge	\$3.80	\$3.80	\$3.80
	First 50 therms	\$0.1934	\$0.2374	\$1.3294
	All usage over 50 therms	\$0.1489	\$0.1929	\$1.2849
	LDAC	\$0.0440		
	<u>Gas Cost Adjustment:</u>			
	Cost of Gas	\$1.0920		
Residential Non-Heating	<u>Tariff Rate R 6:</u>			
	Bi-monthly Customer Charge	\$19.00	\$19.00	\$19.00
	First 20 therms	\$0.4360	\$0.4800	\$1.5720
	All usage over 20 therms	\$0.3375	\$0.3815	\$1.4735
	Monthly Customer Charge	\$9.50	\$9.50	\$9.50
	First 10 therms	\$0.4360	\$0.4800	\$1.5720
	All usage over 10 therms	\$0.3375	\$0.3815	\$1.4735
	LDAC	\$0.0440		
	<u>Gas Cost Adjustment:</u>			
	Cost of Gas	\$1.0920		
Residential Non-Heating Low Income	<u>Tariff Rate R 11:</u>			
	Bi-monthly Customer Charge	\$13.80	\$13.80	\$13.80
	First 20 therms	\$0.3377	\$0.3817	\$1.4737
	All usage over 20 therms	\$0.2628	\$0.3068	\$1.3988
	Monthly Customer Charge	\$6.90	\$6.90	\$6.90
	First 10 therms	\$0.3377	\$0.3817	\$1.4737
	All usage over 10 therms	\$0.2628	\$0.3068	\$1.3988
	LDAC	\$0.0440		
	<u>Gas Cost Adjustment:</u>			
	Cost of Gas	\$1.0920		

(1) Includes temporary rate adjustment of \$0.0293

Issued: March 23, 2012

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Issued by:

Title:

Treasurer

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

Winter Season November 2011 - April 2012		Tariff Rates (1)	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	\$18.70	\$18.70	\$18.70
	First 75 therms	\$0.3370	\$0.3603	\$1.4852
	All usage over 75 therms	\$0.2300	\$0.2533	\$1.3782
	LDAC	\$0.0233		
<u>Gas Cost Adjustment:</u>				
Cost of Gas		\$1.1249		
C&I Low Annual/Low Winter	<u>Tariff Rate G 50:</u>			
	Monthly Customer Charge	\$18.70	\$18.70	\$18.70
	First 75 therms	\$0.3311	\$0.3544	\$1.2859
	All usage over 75 therms	\$0.2262	\$0.2495	\$1.1810
	LDAC	\$0.0233		
<u>Gas Cost Adjustment:</u>				
Cost of Gas		\$0.9315		
C&I Medium Annual/High Winter	<u>Tariff Rate G 41:</u>			
	Monthly Customer Charge	\$60.30	\$60.30	\$60.30
	All usage	\$0.2235	\$0.2468	\$1.3717
	LDAC	\$0.0233		
	<u>Gas Cost Adjustment:</u>			
Cost of Gas		\$1.1249		
C&I Medium Annual/Low Winter	<u>Tariff Rate G 51:</u>			
	Monthly Customer Charge	\$60.30	\$60.30	\$60.30
	First 1300 therms	\$0.2155	\$0.2388	\$1.1703
	All usage over 1300 therms	\$0.1760	\$0.1993	\$1.1308
	LDAC	\$0.0233		
<u>Gas Cost Adjustment:</u>				
Cost of Gas		\$0.9315		
C&I High Annual/High Winter	<u>Tariff Rate G 42:</u>			
	Monthly Customer Charge	\$254.00	\$254.00	\$254.00
	All usage	\$0.2018	\$0.2251	\$1.3500
	LDAC	\$0.0233		
	<u>Gas Cost Adjustment:</u>			
Cost of Gas		\$1.1249		
C&I High Annual/Low Winter	<u>Tariff Rate G 52:</u>			
	Monthly Customer Charge	\$254.00	\$254.00	\$254.00
	All usage	\$0.1555	\$0.1788	\$1.1103
	LDAC	\$0.0233		
	<u>Gas Cost Adjustment:</u>			
Cost of Gas		\$0.9315		

(1) Includes temporary rate adjustment of \$0.0293

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Title:

Treasurer

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: November 1, 2011 - April 30, 2012

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$28,899,546	
Projected Prorated Sales (11/01/11-04/30/12)	28,614,458	
Direct Cost of Gas Rate		\$1.0100 per therm
Demand Cost of Gas Rate	\$14,697,036	\$0.5136 per therm
Commodity Cost of Gas Rate	\$14,202,510	\$0.4963 per therm
Total Direct Cost of Gas Rate	\$28,899,546	\$1.0099 per therm
Total Anticipated Indirect Cost of Gas	\$2,112,605	
Projected Prorated Sales (11/01/11-04/30/12)	28,614,458	
Indirect Cost of Gas		\$0.0738 per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$1.0837 per therm
Period Ending Under-collection as determined on 12/22/11	\$1,413,303	
PROJECTED SALES (01/01/12 - 04/30/12)	19,551,177	
PER UNIT CHANGE IN COST OF GAS (01/01/12 - 04/30/12)	\$0.0723	
Period Ending Under-collection as determined on 2/23/12	\$1,115,973	
PROJECTED SALES (03/01/12 - 04/30/12)	7,962,551	
PER UNIT CHANGE IN COST OF GAS (03/01/12 - 04/30/12)	\$0.1402	
Period Ending Under-collection as determined on 3/23/12	(\$644,996)	
PROJECTED SALES (04/30/12)	3,159,801	
PER UNIT CHANGE IN COST OF GAS (04/30/12)	(\$0.2041)	

RESIDENTIAL COST OF GAS RATE - 04/01/12	COGwr	\$1.0920 per therm
	Maximum (COG+25%)	\$1.3546

RESIDENTIAL COST OF GAS RATE - 11/01/11	\$	1.0837
CHANGE IN PER UNIT COST	\$	0.0723
RESIDENTIAL COST OF GAS RATE - 01/01/12	\$	1.1560
CHANGE IN PER UNIT COST	\$	0.1402
RESIDENTIAL COST OF GAS RATE - 03/01/12	\$	1.2961
CHANGE IN PER UNIT COST	\$	(0.2041)
RESIDENTIAL COST OF GAS RATE - 04/01/12	\$	1.0920

COM/IND LOW WINTER USE COST OF GAS RATE - 04/01/12	COGwl	\$0.9315 per therm
	Maximum (COG+25%)	\$1.1540

COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/11	\$	0.9232
CHANGE IN PER UNIT COST	\$	0.0723
COM/IND LOW WINTER USE COST OF GAS RATE - 01/01/12	\$	0.9955
CHANGE IN PER UNIT COST	\$	0.1402
COM/IND LOW WINTER USE COST OF GAS RATE - 03/01/12	\$	1.1356
CHANGE IN PER UNIT COST	\$	(0.2041)
COM/IND LOW WINTER USE COST OF GAS RATE - 04/01/12	\$	0.9315

COM/IND HIGH WINTER USE COST OF GAS RATE - 4/01/12	COGwh	\$1.1249 per therm
	Maximum (COG+25%)	\$1.3958

COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11	\$	1.1166
CHANGE IN PER UNIT COST	\$	0.0723
COM/IND HIGH WINTER USE COST OF GAS RATE - 01/01/12	\$	1.1889
CHANGE IN PER UNIT COST	\$	0.1402
COM/IND HIGH WINTER USE COST OF GAS RATE - 03/01/12	\$	1.3290
CHANGE IN PER UNIT COST	\$	(0.2041)
COM/IND HIGH WINTER USE COST OF GAS RATE - 04/01/12	\$	1.1249

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

Winter Season November 2011 - April 2012	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 R 5:</u> Monthly Customer Charge \$9.50 First 50 therms \$0.4395 All usage over 50 therms \$0.3283 LDAC \$0.0440 <u>Gas Cost Adjustment:</u> Cost of Gas \$1.2964 <u>\$1.0920</u>		\$9.50 \$0.4835 \$0.3723	\$9.50 \$1.7796 <u>\$1.5755</u> \$4.6684 <u>\$1.4643</u>
C&I Low Annual/Low Winter <u>Tariff Rate R 10:</u> Monthly Customer Charge \$3.80 First 50 therms \$0.1934 All usage over 50 therms \$0.1489 LDAC \$0.0440 <u>Gas Cost Adjustment:</u> Cost of Gas \$1.2964 <u>\$1.0920</u>		\$3.80 \$0.2374 \$0.1929	\$3.80 \$1.5335 <u>\$1.3294</u> \$1.4890 <u>\$1.2849</u>
Residential Non-Heating <u>Tariff Rate R 6:</u> Bi-monthly Customer Charge \$19.00 First 20 therms \$0.4360 All usage over 20 therms \$0.3375 Monthly Customer Charge \$9.50 First 10 therms \$0.4360 All usage over 10 therms \$0.3375 LDAC \$0.0440 <u>Gas Cost Adjustment:</u> Cost of Gas \$1.2964 <u>\$1.0920</u>		\$19.00 \$0.4800 \$0.3815 \$9.50 \$0.4800 \$0.3815	\$19.00 \$1.7764 <u>\$1.5720</u> \$1.6776 <u>\$1.4735</u> \$9.50 \$1.7764 <u>\$1.5720</u> \$1.6776 <u>\$1.4735</u>
Residential Non-Heating Low Income <u>Tariff Rate R 11:</u> Bi-monthly Customer Charge \$13.80 First 20 therms \$0.3377 All usage over 20 therms \$0.2628 Monthly Customer Charge \$6.90 First 10 therms \$0.3377 All usage over 10 therms \$0.2628 LDAC \$0.0440 <u>Gas Cost Adjustment:</u> Cost of Gas \$1.2964 <u>\$1.0920</u>		\$13.80 \$0.3817 \$0.3068 \$6.90 \$0.3817 \$0.3068	\$13.80 \$1.6778 <u>\$1.4737</u> \$1.6029 <u>\$1.3988</u> \$6.90 \$1.6778 <u>\$1.4737</u> \$1.6029 <u>\$1.3988</u>

(1) Includes temporary rate adjustment of \$0.0293

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Issued by:

Title:

Treasurer

[Signature]

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

Winter Season November 2011 - April 2012	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	\$18.70 \$0.3370 \$0.2300 \$0.0233 \$1.3290 \$1.1249	\$18.70 \$0.3603 \$0.2533	\$18.70 \$1.6893 \$1.4852 \$1.5823 \$1.3782
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	\$18.70 \$0.3311 \$0.2262 \$0.0233 \$1.1356 \$0.9315	\$18.70 \$0.3544 \$0.2495	\$18.70 \$1.4900 \$1.2859 \$1.3851 \$1.1810
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	\$60.30 \$0.2235 \$0.0233 \$1.3290 \$1.1249	\$60.30 \$0.2468	\$60.30 \$1.5758 \$1.3717
C&I Medium Annual/Low Winter <u>Tariff Rate G 51:</u> Monthly Customer Charge First 1300 therms All usage over 1300 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$60.30 \$0.2155 \$0.1760 \$0.0233 \$1.1356 \$0.9315	\$60.30 \$0.2388 \$0.1993	\$60.30 \$1.3744 \$1.1703 \$1.3349 \$1.1308
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	\$254.00 \$0.2018 \$0.0233 \$1.3290 \$1.1249	\$254.00 \$0.2251	\$254.00 \$1.5541 \$1.3500
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	\$254.00 \$0.1555 \$0.0233 \$1.1356 \$0.9315	\$254.00 \$0.1788	\$254.00 \$1.3144 \$1.1103

(1) Includes temporary rate adjustment of \$0.0293

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April 1, 2012


Title: Treasurer

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: November 1, 2011 - April 30, 2012

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$28,899,546	
Projected Prorated Sales (11/01/11-04/30/12)	28,614,458	
Direct Cost of Gas Rate		\$1.0100 per therm
Demand Cost of Gas Rate	\$14,697,036	\$0.5136 per therm
Commodity Cost of Gas Rate	\$14,202,510	\$0.4963 per therm
Total Direct Cost of Gas Rate	\$28,899,546	\$1.0099 per therm
Total Anticipated Indirect Cost of Gas	\$2,112,605	
Projected Prorated Sales (11/01/11-04/30/12)	28,614,458	
Indirect Cost of Gas		\$0.0738 per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$1.0837 per therm
Period Ending Under-collection as determined on 12/22/11	\$1,413,303	
PROJECTED SALES (01/01/12 - 04/30/12)	19,551,177	
PER UNIT CHANGE IN COST OF GAS (01/01/12 - 04/30/12)	\$0.0723	
Period Ending Under-collection as determined on 2/23/12	\$1,115,973	
PROJECTED SALES (03/01/12 - 04/30/12)	7,962,551	
PER UNIT CHANGE IN COST OF GAS (03/01/12 - 04/30/12)	\$0.1402	
<u>Period Ending Under-collection as determined on 3/23/12</u>	<u>(\$644,996)</u>	
<u>PROJECTED SALES (04/30/12)</u>	<u>3,159,801</u>	
<u>PER UNIT CHANGE IN COST OF GAS (04/30/12)</u>	<u>(\$0.2041)</u>	

RESIDENTIAL COST OF GAS RATE - 03/01/12 04/01/12	COGwr	<u>\$1.2961</u> <u>\$1.0920</u>	per therm
	Maximum (COG+25%)	\$1.3546	
RESIDENTIAL COST OF GAS RATE - 11/01/11		\$ 1.0837	
CHANGE IN PER UNIT COST		\$ 0.0723	
RESIDENTIAL COST OF GAS RATE - 01/01/12		\$ 1.1560	
CHANGE IN PER UNIT COST		\$ 0.1402	
RESIDENTIAL COST OF GAS RATE - 03/01/12		\$ 1.2961	
CHANGE IN PER UNIT COST		\$ (0.2041)	
RESIDENTIAL COST OF GAS RATE - 04/01/12		\$ 1.0920	

COM/IND LOW WINTER USE COST OF GAS RATE - 03/01/12 04/01/12	COGwl	<u>\$1.4356</u> <u>\$0.9315</u>	per therm
	Maximum (COG+25%)	\$1.1540	
COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/11		\$ 0.9232	
CHANGE IN PER UNIT COST		\$ 0.0723	
COM/IND LOW WINTER USE COST OF GAS RATE - 01/01/12		\$ 0.9955	
CHANGE IN PER UNIT COST		\$ 0.1402	
COM/IND LOW WINTER USE COST OF GAS RATE - 03/01/12		\$ 1.1356	
CHANGE IN PER UNIT COST		\$ (0.2041)	
COM/IND LOW WINTER USE COST OF GAS RATE - 04/01/12		\$ 0.9315	

COM/IND HIGH WINTER USE COST OF GAS RATE - 03/01/12 04/01/12	COGwh	<u>\$1.3290</u> <u>\$1.1249</u>	per therm
	Maximum (COG+25%)	\$1.3958	
COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11		\$ 1.1166	
CHANGE IN PER UNIT COST		\$ 0.0723	
COM/IND HIGH WINTER USE COST OF GAS RATE - 01/01/12		\$ 1.1889	
CHANGE IN PER UNIT COST		\$ 0.1402	
COM/IND HIGH WINTER USE COST OF GAS RATE - 03/01/12		\$ 1.3290	
CHANGE IN PER UNIT COST		\$ (0.2041)	
COM/IND HIGH WINTER USE COST OF GAS RATE - 04/01/12		\$ 1.1249	