

**Northern Utilities, Inc.**  
**New Hampshire Division**  
**Winter 2010/2011 Cost of Gas - Compliance Filing**

**Compliance Tariff Sheets**

Fifty-second Revised Page 39  
Calculation of Firm Sales Cost of Gas Rate

Forty-seventh Revised Page 94  
Winter Season Residential Rates

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Winter Season C&I Rates

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	
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	
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31	Second Revised	
32	Fourth Revised	
33	Second Revised	
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37	Third Revised	
37.1	Second Revised	
37.2	First Revised	
38	Forty-seventh Revised	
39	Fifty-second Revised	Compliance

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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	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	Fourteenth 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	
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70	Second Revised	
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72	Second Revised	
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76	Second Revised	
77	Original	
78	Second Revised	
79	Original	
80	Second Revised	
81	Original	
82	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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85	Original	
86	Second Revised	
87	Original	
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89	Original	
90	Second Revised	
91	Original	
92	Second Revised	
93	Original	
94	Forty-seventh Revised	Compliance
95	Forty-seventh Revised	Compliance
96	Fortieth 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	
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109	Original	
110	Original	
111	Original	
112	Original	
113	Original	
114	Original	
115	Original	
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118	Original	
119	Original	
120	Original	
121	First Revised	
122	First Revised	
122-a	Original	
123	Original	
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125	First Revised	
126	First Revised	
127	First Revised	
128	First Revised	
129	First Revised	

CHECK SHEET

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<u>Pages</u>	<u>Revision</u>	<u>Proposed</u>
130	First Revised	
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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	
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155	Original	
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157	Original	
158	Original	
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161	Original	
162	Original	
163	Original	
164	Original	
165	Original	
166	Original	
167	Original	
168	Original	
169	Ninth Revised	
170	Original	
170-a	Original	
170-b	Third Revised	
171	First Revised	



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

Winter Season November 2010 - April 2011		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	\$9.50	\$9.50	\$9.50	
	First 50 therms	\$0.4102	\$0.4558	\$1.5294	
	All usage over 50 therms	\$0.2990	\$0.3446	\$1.4182	
	<b>LDAC</b>	\$0.0456			
	<b>Gas Cost Adjustment:</b> Cost of Gas	\$1.0736			
Residential Heating Low Income	<b>Tariff Rate R 10:</b>				
	Monthly Customer Charge	\$3.80	\$3.80	\$3.80	
	First 50 therms	\$0.1641	\$0.2097	\$1.2833	
	All usage over 50 therms	\$0.1196	\$0.1652	\$1.2388	
	<b>LDAC</b>	\$0.0456			
	<b>Gas Cost Adjustment:</b> Cost of Gas	\$1.0736			
Residential Non-Heating	<b>Tariff Rate R 6:</b>				
	<b>Bi-monthly Customer Charge</b>	\$19.00	\$19.00	\$19.00	
	First 20 therms	\$0.4067	\$0.4523	\$1.5259	
	All usage over 20 therms	\$0.3082	\$0.3538	\$1.4274	
	<b>Monthly Customer Charge</b>	\$9.50	\$9.50	\$9.50	
	First 10 therms	\$0.4067	\$0.4523	\$1.5259	
	All usage over 10 therms	\$0.3082	\$0.3538	\$1.4274	
	<b>LDAC</b>	\$0.0456			
	<b>Gas Cost Adjustment:</b> Cost of Gas	\$1.0736			
	Residential Non-Heating Low Income	<b>Tariff Rate R 11:</b>			
		<b>Bi-monthly Customer Charge</b>	\$13.80	\$13.80	\$13.80
		First 20 therms	\$0.3084	\$0.3540	\$1.4276
All usage over 20 therms		\$0.2335	\$0.2791	\$1.3527	
<b>Monthly Customer Charge</b>		\$6.90	\$6.90	\$6.90	
First 10 therms		\$0.3084	\$0.3540	\$1.4276	
All usage over 10 therms		\$0.2335	\$0.2791	\$1.3527	
<b>LDAC</b>		\$0.0456			
<b>Gas Cost Adjustment:</b> Cost of Gas		\$1.0736			

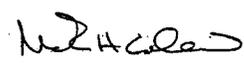
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NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION  
WINTER SEASON C&I RATES

Winter Season November 2010 - April 2011		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	\$18.70 \$0.3077 \$0.2007 <b>\$0.0249</b> <b>\$1.0980</b>	\$18.70 <b>\$0.3326</b> <b>\$0.2256</b>	\$18.70 <b>\$1.4306</b> <b>\$1.3236</b>
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	\$18.70 \$0.3018 \$0.1969 <b>\$0.0249</b> <b>\$0.9451</b>	\$18.70 <b>\$0.3267</b> <b>\$0.2218</b>	\$18.70 <b>\$1.2718</b> <b>\$1.1669</b>
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	\$60.30  \$0.1942 <b>\$0.0249</b> <b>\$1.0980</b>	\$60.30  <b>\$0.2191</b>	\$60.30  <b>\$1.3171</b>
C&I Medium Annual/Low Winter	<b>Tariff Rate G 51:</b> Monthly Customer Charge First 1,300 therms All usage over 1,300 therms <b>LDAC</b> <b>Gas Cost Adjustment:</b> Cost of Gas	\$60.30 \$0.1862 \$0.1467 <b>\$0.0249</b> <b>\$0.9451</b>	\$60.30 <b>\$0.2111</b> <b>\$0.1716</b>	\$60.30 <b>\$1.1562</b> <b>\$1.1167</b>
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	\$254.00  \$0.1725 <b>\$0.0249</b> <b>\$1.0980</b>	\$254.00  <b>\$0.1974</b>	\$254.00  <b>\$1.2954</b>
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	\$254.00  \$0.1262 <b>\$0.0249</b> <b>\$0.9451</b>	\$254.00  <b>\$0.1511</b>	\$254.00  <b>\$1.0962</b>

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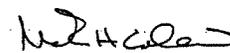
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**CALCULATION OF FIRM SALES COST OF GAS RATE**

Period Covered: November 1, 2010 - April 30, 2011

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 27,281,475	
Projected Prorated Sales (11/01/10 - 04/30/11)	28,028,950	
<b>Direct Cost of Gas Rate</b>		\$ 0.9733 per therm
<b>Demand Cost of Gas Rate</b>	\$ 13,503,746	\$ 0.4818 per therm
<b>Commodity Cost of Gas Rate</b>	\$ 13,777,730	\$ 0.4916 per therm
<b>Total Direct Cost of Gas Rate</b>	\$ 27,281,476	\$ 0.9734 per therm
Total Anticipated Indirect Cost of Gas	\$ 3,511,989	
Projected Prorated Sales (11/01/10 - 04/30/11)	28,028,950	
<b>Indirect Cost of Gas</b>		\$ 0.1253 per therm
<b>TOTAL PERIOD AVERAGE COST OF GAS</b>		<b>\$ 1.0987 per therm</b>
<u>Period Ending Over-collection as determined on 11/23/10<sup>1</sup></u>	<u>\$ (626,426)</u>	
<u>PROJECTED SALES (12/01/10 - 4/30/11)</u>	<u>24,981,850</u>	
<u>PER UNIT CHANGE IN COST OF GAS (12/01/10 - 4/30/11)</u>	<u>\$ (0.0251)</u>	

<sup>1</sup> Over-collection w/o rate adjustment as contained in NUI's COG Report dated November 23, 2010

RESIDENTIAL COST OF GAS RATE - <del>11/01/10</del> <u>12/01/10</u>	COGwr	<del>\$1.0987</del> <u>\$1.0736</u>	per therm
	Maximum (COG+25%)	\$ 1.3734	
<u>RESIDENTIAL COST OF GAS RATE - 11/01/10</u>		\$ 1.0987	
<u>CHANGE IN PER UNIT COST</u>		\$ (0.0251)	
<u>RESIDENTIAL COST OF GAS RATE - 12/01/10</u>		\$ 1.0736	

COM/IND LOW WINTER USE COST OF GAS RATE - <del>11/01/10</del> <u>12/01/10</u>	COGwl	<del>\$0.9702</del> <u>\$0.9451</u>	per therm
	Maximum (COG+25%)	\$ 1.2128	
<u>C&amp;I HLF Demand Costs Allocated per SMBA</u>	\$ 702,159		
<u>PLUS: Residential Demand Reallocation to C&amp;I HLF</u>	\$ 12,353		
<u>C&amp;I HLF Total Adjusted Demand Costs</u>	\$ 714,512		
<u>C&amp;I HLF Projected Prorated Sales (05/01/10 - 10/31/10)</u>	2,402,246		
<u>Demand Cost of Gas Rate</u>	\$ 0.2974		
<u>C&amp;I HLF Commodity Costs Allocated per SMBA</u>	\$ 1,314,829		
<u>PLUS: Residential Commodity Reallocation to C&amp;I HLF</u>	\$ 387		
<u>C&amp;I HLF Total Adjusted Commodity Costs</u>	\$ 1,315,216		
<u>C&amp;I HLF Projected Prorated Sales (05/01/10 - 10/31/10)</u>	2,402,246		
<u>Commodity Cost of Gas Rate</u>	\$ 0.5475		
<u>Indirect Cost of Gas</u>	\$ 0.1253		
<u>Total C&amp;I HLF Cost of Gas Rate</u>	\$ 0.9702		
<u>COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/10</u>		\$ 0.9702	
<u>CHANGE IN PER UNIT COST</u>		\$ (0.0251)	
<u>COM/IND LOW WINTER USE COST OF GAS RATE - 12/01/10</u>		\$ 0.9451	

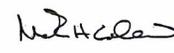
COM/IND HIGH WINTER USE COST OF GAS RATE - <del>11/01/10</del> <u>12/01/10</u>	COGwh	<del>\$1.1234</del> <u>\$1.098</u>	per therm
	Maximum (COG+25%)	\$ 1.4039	
<u>C&amp;I LLF Demand Costs Allocated per SMBA</u>	\$ 6,396,599		
<u>PLUS: Residential Demand Reallocation to C&amp;I LLF</u>	\$ 112,536		
<u>C&amp;I LLF Total Adjusted Demand Costs</u>	\$ 6,509,135		
<u>C&amp;I LLF Projected Prorated Sales (05/01/10 - 10/31/10)</u>	12,591,463		
<u>Demand Cost of Gas Rate</u>	\$ 0.5169		
<u>C&amp;I LLF Commodity Costs Allocated per SMBA</u>	\$ 6,053,212		
<u>PLUS: Residential Commodity Reallocation to C&amp;I LLF</u>	\$ 1,783		
<u>C&amp;I LLF Total Adjusted Commodity Costs</u>	\$ 6,054,995		
<u>C&amp;I LLF Projected Prorated Sales (05/01/10 - 10/31/10)</u>	12,591,463		
<u>Commodity Cost of Gas Rate</u>	\$ 0.4809		
<u>Indirect Cost of Gas</u>	\$ 0.1253		
<u>Total C&amp;I LLF Cost of Gas Rate</u>	\$ 1.1234		
<u>COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/10</u>		\$ 1.1231	
<u>CHANGE IN PER UNIT COST</u>		\$ (0.0251)	
<u>COM/IND HIGH WINTER USE COST OF GAS RATE - 12/01/10</u>		\$ 1.0980	

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

Winter Season November 2010 - April 2011		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	\$9.50	\$9.50	\$9.50	
	First 50 therms	\$0.4102	\$0.4558	<del>4.5545</del> <u>1.5294</u>	
	All usage over 50 therms	\$0.2990	\$0.3446	<del>4.4433</del> <u>1.4182</u>	
	LDAC	\$0.0456			
	<b>Gas Cost Adjustment:</b> Cost of Gas	<del>4.0987</del> <u>1.0736</u>			
Residential Heating Low Income	<b>Tariff Rate R 10:</b>				
	Monthly Customer Charge	\$3.80	\$3.80	\$3.80	
	First 50 therms	\$0.1641	\$0.2097	<del>4.3084</del> <u>1.2833</u>	
	All usage over 50 therms	\$0.1196	\$0.1652	<del>4.2639</del> <u>1.2388</u>	
	LDAC	\$0.0456			
	<b>Gas Cost Adjustment:</b> Cost of Gas	<del>4.0987</del> <u>1.0736</u>			
Residential Non-Heating	<b>Tariff Rate R 6:</b>				
	<b>Bi-monthly Customer Charge</b>	\$19.00	\$19.00	\$19.00	
	First 20 therms	\$0.4067	\$0.4523	<del>4.5540</del> <u>1.5259</u>	
	All usage over 20 therms	\$0.3082	\$0.3538	<del>4.4525</del> <u>1.4274</u>	
	<b>Monthly Customer Charge</b>	\$9.50	\$9.50	\$9.50	
	First 10 therms	\$0.4067	\$0.4523	<del>4.5540</del> <u>1.5259</u>	
	All usage over 10 therms	\$0.3082	\$0.3538	<del>4.4525</del> <u>1.4274</u>	
	LDAC	\$0.0456			
	<b>Gas Cost Adjustment:</b> Cost of Gas	<del>4.0987</del> <u>1.0736</u>			
	Residential Non-Heating Low Income	<b>Tariff Rate R 11:</b>			
		<b>Bi-monthly Customer Charge</b>	\$13.80	\$13.80	\$13.80
		First 20 therms	\$0.3084	\$0.3540	<del>4.4527</del> <u>1.4276</u>
All usage over 20 therms		\$0.2335	\$0.2791	<del>4.3778</del> <u>1.3527</u>	
<b>Monthly Customer Charge</b>		\$6.90	\$6.90	\$6.90	
First 10 therms		\$0.3084	\$0.3540	<del>4.4527</del> <u>1.4276</u>	
All usage over 10 therms		\$0.2335	\$0.2791	<del>4.3778</del> <u>1.3527</u>	
LDAC		\$0.0456			
<b>Gas Cost Adjustment:</b> Cost of Gas		<del>4.0987</del> <u>1.0736</u>			

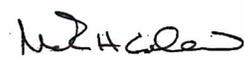
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NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION  
WINTER SEASON C&I RATES

Winter Season November 2010 - May 2011	Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
<b>C&amp;I Low Annual/High Winter</b> <b>Tariff Rate G 40:</b> Monthly Customer Charge First 75 therms All usage over 75 therms LDAC <b>Gas Cost Adjustment:</b> Cost of Gas	\$18.70 \$0.3077 \$0.2007 \$0.0249 <del>4.1234</del> 1.098	\$18.70 \$0.3326 \$0.2256 \$0.0249	\$18.70 <del>4.4567</del> 1.4306 <del>4.3487</del> 1.3236
<b>C&amp;I Low Annual/Low Winter</b> <b>Tariff Rate G 50:</b> Monthly Customer Charge First 75 therms All usage over 75 therms LDAC <b>Gas Cost Adjustment:</b> Cost of Gas	\$18.70 \$0.3018 \$0.1969 \$0.0249 <del>0.9702</del> .9451	\$18.70 \$0.3267 \$0.2218 \$0.0249	\$18.70 <del>4.2969</del> 1.2718 <del>4.1920</del> 1.1669
<b>C&amp;I Medium Annual/High Winter</b> <b>Tariff Rate G 41:</b> Monthly Customer Charge  All usage LDAC <b>Gas Cost Adjustment:</b> Cost of Gas	\$60.30  \$0.1942 \$0.0249 <del>4.1234</del> 1.098	\$60.30  \$0.2191 \$0.0249	\$60.30  <del>4.3422</del> 1.3171
<b>C&amp;I Medium Annual/Low Winter</b> <b>Tariff Rate G 51:</b> Monthly Customer Charge First 1,300 therms All usage over 1,300 therms LDAC <b>Gas Cost Adjustment:</b> Cost of Gas	\$60.30 \$0.1862 \$0.1467 \$0.0249 <del>0.9702</del> .9451	\$60.30 \$0.2111 \$0.1716 \$0.0249	\$60.30 <del>4.4843</del> 1.1562 <del>4.4448</del> 1.1167
<b>C&amp;I High Annual/High Winter</b> <b>Tariff Rate G 42:</b> Monthly Customer Charge  All usage LDAC <b>Gas Cost Adjustment:</b> Cost of Gas	\$254.00  \$0.1725 \$0.0249 <del>4.1234</del> 1.098	\$254.00  \$0.1974 \$0.0249	\$254.00  <del>4.3205</del> 1.2954
<b>C&amp;I High Annual/Low Winter</b> <b>Tariff Rate G 52:</b> Monthly Customer Charge  All usage LDAC <b>Gas Cost Adjustment:</b> Cost of Gas	\$254.00  \$0.1262 \$0.0249 <del>0.9702</del> .9451	\$254.00  \$0.1511 \$0.0249	\$254.00  <del>4.4243</del> 1.0962

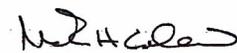
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