

Northern Utilities, Inc.

New Hampshire Division

2012 SUMMER PERIOD PROPOSED COST OF GAS ADJUSTMENT

TO BE EFFECTIVE MAY 1, 2012

FILED MARCH 15, 2012

Tariff Sheets

Supplement No. 1, Fifth Revised Page 2
Rate Summary

Supplement No. 1, Fourth Revised Page 3
Rate Summary

Supplement No. 1, Second Revised Page 4
Rate Summary

Fiftieth Revised Page No. 38
Statement of anticipated Cost of Gas

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	Second Revised
Title	Original	
i	Original	
ii	Third Revised	
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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	Fiftieth Revised
39	Sixty-first Revised	Sixty-second Revised
40	Twenty-fourth Revised	
41	First Revised	
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44	Third Revised	
45	Second Revised	
46	First Revised	
47	First Revised	
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49	First Revised	
50	First Revised	
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59	Third Revised	
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63	Third Revised	
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76	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.

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90	Second Revised	
91	Original	
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97	First Revised	
98	First Revised	
99	Eleventh Revised	
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103	Original	
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121	First Revised	
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122-a	Original	
123	Original	
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The title page and pages i-171 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

<u>Pages</u>	<u>Revision</u>	<u>Proposed</u>
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135	First Revised	
136	First Revised	
137	First Revised	
138	First Revised	
139	First Revised	
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141	First Revised	
142	First Revised	
143	First Revised	
144	First Revised	
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170-b	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.

Pages

Revision

Proposed

171

First Revised

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

Summer Season May 2012 - October 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	\$9.50	\$9.50
	First 50 therms	\$0.4395	\$0.4835	\$0.8206
	All usage over 50 therms	\$0.3283	\$0.3723	\$0.7094
	LDAC	\$0.0440		
<u>Gas Cost Adjustment:</u>				
Cost of Gas		\$0.3371		
C&I Low Annual/Low Winter	<u>Tariff Rate R 10:</u>			
	Monthly Customer Charge	\$3.80	\$3.80	\$3.80
	First 50 therms	\$0.1934	\$0.2374	\$0.5745
	All usage over 50 therms	\$0.1489	\$0.1929	\$0.5300
	LDAC	\$0.0440		
<u>Gas Cost Adjustment:</u>				
Cost of Gas		\$0.3371		
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	\$0.8171
	All usage over 20 therms	\$0.3375	\$0.3815	\$0.7186
	Monthly Customer Charge	\$9.50	\$9.50	\$9.50
	First 10 therms	\$0.4360	\$0.4800	\$0.8171
	All usage over 10 therms	\$0.3375	\$0.3815	\$0.7186
	LDAC	\$0.0440		
	<u>Gas Cost Adjustment:</u>			
	Cost of Gas	\$0.3371		
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	\$0.7188
	All usage over 20 therms	\$0.2628	\$0.3068	\$0.6439
	Monthly Customer Charge	\$6.90	\$6.90	
	First 10 therms	\$0.3377	\$0.3817	\$0.7188
	All usage over 10 therms	\$0.2628	\$0.3068	\$0.6439
	LDAC	\$0.0440		
	<u>Gas Cost Adjustment:</u>			
	Cost of Gas	\$0.3371		

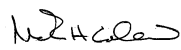
(1) Includes temporary rate adjustment of \$0.0293

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NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

SUMMER SEASON C&I RATES

Summer Season May 2012 - October 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 \$0.3704	\$18.70 \$0.3603 \$0.2533 	\$18.70 \$0.7307 \$0.6237
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 \$0.2942	\$18.70 \$0.3544 \$0.2495 	\$18.70 \$0.6486 \$0.5437
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 \$0.1417 \$0.0233 \$0.3704	\$60.30 \$0.1650 	\$60.30 \$0.5354
C&I Medium Annual/Low Winter	<u>Tariff Rate G 51:</u> Monthly Customer Charge First 1000 therms All usage over 1000 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$60.30 \$0.1405 \$0.1073 \$0.0233 \$0.2942	\$60.30 \$0.1638 \$0.1306 	\$60.30 \$0.4580 \$0.4248
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 \$0.1257 \$0.0233 \$0.3704	\$254.00 \$0.1490 	\$254.00 \$0.5194
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 \$0.0946 \$0.0233 \$0.2942	\$254.00 \$0.1179 	\$254.00 \$0.4121

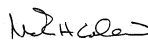
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NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION
SUMMER SEASON DELIVERY RATES

Summer Season May 2012 - October 2012		Tariff Rates (1)	Total Delivery Rates (Includes LDAC)
C&I Low Annual/High Winter	<u>Tariff Rate T 40:</u>		
	Monthly Customer Charge	\$18.70	\$18.70
	First 75 therms	\$0.3370	\$0.3603
	All usage over 75 therms	\$0.2300	\$0.2533
LDAC		\$0.0233	
C&I Low Annual/Low Winter	<u>Tariff Rate T 50:</u>		
	Monthly Customer Charge	\$18.70	\$18.70
	First 75 therms	\$0.3311	\$0.3544
	All usage over 75 therms	\$0.2262	\$0.2495
LDAC		\$0.0233	
C&I Medium Annual/High Winter	<u>Tariff Rate T 41:</u>		
	Monthly Customer Charge	\$60.30	\$60.30
	All usage	\$0.1417	\$0.1650
	LDAC	\$0.0233	
C&I Medium Annual/Low Winter	<u>Tariff Rate T 51:</u>		
	Monthly Customer Charge	\$60.30	\$60.30
	First 1000 therms	\$0.1405	\$0.1638
	All usage over 1000 therms	\$0.1073	\$0.1306
LDAC		\$0.0233	
C&I High Annual/High Winter	<u>Tariff Rate T 42:</u>		
	Monthly Customer Charge	\$254.00	\$254.00
	All usage	\$0.1257	\$0.1490
	LDAC	\$0.0233	
C&I High Annual/Low Winter	<u>Tariff Rate T 52:</u>		
	Monthly Customer Charge	\$254.00	\$254.00
	All usage	\$0.0946	\$0.1179
	LDAC	\$0.0233	
C&I Interruptible Transportation	<u>Tariff Rate IT:</u>		
	Monthly Customer Charge	\$170.21	\$170.21
	First 20,000 therms	\$0.0700	\$0.0700
	All usage over 20,000 therms	\$0.0640	\$0.0640

(1) Includes temporary rate adjustment of \$0.0293

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Anticipated Cost of Gas

New Hampshire Division

Period Covered: May 1, 2012 - October 31, 2012

(Col 1)	(Col 2)	(Col 3)
<u>ANTICIPATED DIRECT COST OF GAS</u>		
Purchased Gas:		
Demand Costs:	\$481,574	
Supply Costs:	\$1,495,238	
Storage & Peaking Gas:		
Demand, Capacity:	\$377,162	
Commodity Costs:	\$21,944	
Hedging (Gain)/Loss	\$171,582	
Interruptible Included Above	\$0	
Inventory Finance Charge	\$0	
Capacity Release, Asset Management, PNGTS Cost	\$0	
Total Anticipated Direct Cost of Gas		<u>\$2,547,500</u>
<u>ANTICIPATED INDIRECT COST OF GAS</u>		
Adjustments:		
Prior Period Under/(Over) Collection	(\$151,792)	
Interest	\$0	
Refunds	(\$2,852)	
<u>Interruptible Margins</u>	\$0	
Total Adjustments		(\$154,644)
Working Capital:		
Total Anticipated Direct Cost of Gas	\$2,547,501	
Working Capital Percentage	0.082%	
Working Capital Allowance	\$2,098	
Plus: Working Capital Reconciliation (Acct 182.11)	(\$978)	
Total Working Capital Allowance		\$1,120
Bad Debt:		
Projected Bad Debt	\$650,000	
Bad Debt Supply Portion (64%)	\$416,526	
Seasonal Bad Debt Portion (9%)	\$39,068	
Plus: Bad Debt Reconciliation (Acct 182.16)	(\$1,497)	
Total Bad Debt Allowance		\$379,392
Local Production and Storage Capacity		
Miscellaneous Overhead-20.69% Allocated to Summer Season		\$85,176
Total Anticipated Indirect Cost of Gas		(\$30,776)
Total Cost of Gas		<u>\$2,516,725</u>

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CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: May 1, 2012 - October 31, 2012

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$2,547,501	
Projected Prorated Sales (05/01/12-10/31/12)	7,466,573	
Direct Cost of Gas Rate		\$0.3412 per therm
Demand Cost of Gas Rate	\$858,736	\$0.1150 per therm
Commodity Cost of Gas Rate	<u>\$1,688,765</u>	<u>\$0.2262</u> per therm
Total Direct Cost of Gas Rate	\$2,547,501	\$0.3412 per therm
Total Anticipated Indirect Cost of Gas	(\$30,776)	
Projected Prorated Sales (05/01/12-10/31/12)	7,466,573	
Indirect Cost of Gas		(\$0.0041) per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$0.3371 per therm

RESIDENTIAL COST OF GAS RATE - 05/01/12	COGwr	\$0.3371 per therm
	Maximum (COG+25%)	\$0.4214

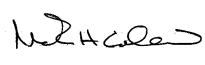
COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/12	COGwl	\$0.2942 per therm
	Maximum (COG+25%)	\$0.3678

C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$127,347
PLUS: RESIDENTIAL DEMAND RELOCATION TO C7I HLF	(\$158)
C&I HLF TOTAL ADJUSTED DEMAND COSTS	<u>\$127,189</u>
C&I HLF PROJECTED PRORATED SALES (05/1/12-10/31/12)	1,760,923
DEMAND COST OF GAS RATE	\$0.0722
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$398,135
PLUS: RESIDENTIAL COMMODITY COSTS	\$3
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	<u>\$398,138</u>
C&I HLF PROJECTED PRORATED SALES (05/1/12-10/31/12)	1,760,923
COMMODITY COST OF GAS RATE	\$0.2261
INDIRECT COST OF GAS	-\$0.0041
TOTAL C&I HLF COST OF GAS RATE	\$0.2942

COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/12	COGwh	\$0.3704 per therm
	Maximum (COG+25%)	\$0.4630

C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$336,362
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	(\$417)
C&I LLF TOTAL ADJUSTED DEMAND COSTS	<u>\$335,945</u>
C&I LLF PROJECTED PRORATED SALES (05/01/12-10/31/12)	2,265,631
DEMAND COST OF GAS RATE	\$0.1483
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$512,490
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	\$4
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	<u>\$512,494</u>
C&I LLF PROJECTED PRORATED SALES (05/01/12-10/31/12)	2,265,631
COMMODITY COST OF GAS RATE	\$0.2262
INDIRECT COST OF GAS	(\$0.0041)
TOTAL C&I LLF COST OF GAS RATE	\$0.3704

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NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

SUMMER SEASON C&I RATES

<p>Winter <u>Summer</u> Season November 2011-April 2012 <u>May 2012 - October 2012</u></p>		Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
C&I Low Annual/High Winter	<p><u>Tariff Rate R 5:</u> Monthly Customer Charge First 50 therms All usage over 50 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas</p>	<p>\$9.50 \$0.4395 \$0.3283 \$0.0440 \$1.2961 <u>\$0.3371</u></p>	<p>\$9.50 \$0.4835 \$0.3723</p>	<p>\$9.50 \$1.7796 <u>\$0.8206</u> \$1.6684 <u>\$0.7094</u></p>
C&I Low Annual/Low Winter	<p><u>Tariff Rate R 10:</u> Monthly Customer Charge First 50 therms All usage over 50 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas</p>	<p>\$3.80 \$0.1934 \$0.1489 \$0.0440 \$1.2961 <u>\$0.3371</u></p>	<p>\$3.80 \$0.2374 \$0.1929</p>	<p>\$3.80 \$1.5335 <u>\$0.5745</u> \$1.4890 <u>\$0.5300</u></p>
Residential Non-Heating	<p><u>Tariff Rate R 6:</u> Bi-monthly Customer Charge First 20 therms All usage over 20 therms Monthly Customer Charge First 10 therms All usage over 10 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas</p>	<p>\$19.00 \$0.4360 \$0.3375 \$9.50 \$0.4360 \$0.3375 \$0.0440 \$1.2961 <u>\$0.3371</u></p>	<p>\$19.00 \$0.4800 \$0.3815 \$9.50 \$0.4800 \$0.3815</p>	<p>\$19.00 \$1.7761 <u>\$0.8171</u> \$1.6776 <u>\$0.7186</u> \$9.50 \$1.7761 <u>\$0.8171</u> \$1.6776 <u>\$0.7186</u></p>
Residential Non-Heating Low Income	<p><u>Tariff Rate R 11:</u> Bi-monthly Customer Charge First 20 therms All usage over 20 therms Monthly Customer Charge First 10 therms All usage over 10 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas</p>	<p>\$13.80 \$0.3377 \$0.2628 \$6.90 \$0.3377 \$0.2628 \$0.0440 \$1.2961 <u>\$0.3371</u></p>	<p>\$13.80 \$0.3817 \$0.3068 \$6.90 \$0.3817 \$0.3068</p>	<p>\$13.80 \$1.6778 <u>\$0.7188</u> \$1.6029 <u>\$0.6439</u> \$6.90 \$1.6778 <u>\$0.7188</u> \$1.6029 <u>\$0.6439</u></p>

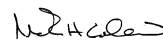
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NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

SUMMER SEASON C&I RATES

<p>Winter Summer Season November 2011-April 2012 May 2012 - October 2012</p>		Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
C&I Low Annual/High Winter	<p>Tariff Rate G 40: Monthly Customer Charge First 75 therms All usage over 75 therms LDAC Gas Cost Adjustment: Cost of Gas</p>	<p>\$18.70 \$0.3370 \$0.2300 \$0.0233 \$1.3290 \$0.3704</p>	<p>\$18.70 \$0.3603 \$0.2533</p>	<p>\$18.70 \$1.6893 \$0.7307 \$1.5823 \$0.6237</p>
C&I Low Annual/Low Winter	<p>Tariff Rate G 50: Monthly Customer Charge First 75 therms All usage over 75 therms LDAC Gas Cost Adjustment: Cost of Gas</p>	<p>\$18.70 \$0.3311 \$0.2262 \$0.0233 \$1.1356 \$0.2942</p>	<p>\$18.70 \$0.3544 \$0.2495</p>	<p>\$18.70 \$1.4900 \$0.6486 \$1.3851 \$0.5437</p>
C&I Medium Annual/High Winter	<p>Tariff Rate G 41: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas</p>	<p>\$60.30 \$0.2235 \$0.1417 \$0.0233 \$1.3290 \$0.3704</p>	<p>\$60.30 \$0.2468 \$0.1650</p>	<p>\$60.30 \$1.5758 \$0.5354</p>
C&I Medium Annual/Low Winter	<p>Tariff Rate G 51: Monthly Customer Charge First 1399 1000 therms All usage over 1399 1000 therms LDAC Gas Cost Adjustment: Cost of Gas</p>	<p>\$60.30 \$0.2155 \$0.1405 \$0.1760 \$0.1073 \$0.0233 \$1.1356 \$0.2942</p>	<p>\$60.30 \$0.2388 \$0.1638 \$0.1993 \$0.1306</p>	<p>\$60.30 \$1.3744 \$0.4580 \$1.3349 \$0.4248</p>
C&I High Annual/High Winter	<p>Tariff Rate G 42: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas</p>	<p>\$254.00 \$0.2018 \$0.1257 \$0.0233 \$1.3290 \$0.3704</p>	<p>\$254.00 \$0.2251 \$0.1490</p>	<p>\$254.00 \$1.5541 \$0.5194</p>
C&I High Annual/Low Winter	<p>Tariff Rate G 52: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas</p>	<p>\$254.00 \$0.1555 \$0.0946 \$0.0233 \$1.1356 \$0.2942</p>	<p>\$254.00 \$0.1788 \$0.1179</p>	<p>\$254.00 \$1.3144 \$0.4121</p>


(1) Includes temporary rate adjustment of \$0.0293

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NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION

~~WINTER~~ SUMMER SEASON DELIVERY RATES

November 2011 - April 2012 <u>Winter-Summer Season</u> <u>May 2012 - October 2012</u>		Tariff Rates (1)	Total Delivery Rates (Includes LDAC)
C&I Low Annual/High Winter	<u>Tariff Rate T 40:</u> Monthly Customer Charge First 75 therms All usage over 75 therms LDAC	 \$18.70 \$0.3370 \$0.2300 \$0.0233	 \$18.70 \$0.3603 \$0.2533
C&I Low Annual/Low Winter	<u>Tariff Rate T 50:</u> Monthly Customer Charge First 75 therms All usage over 75 therms LDAC	 \$18.70 \$0.3311 \$0.2262 \$0.0233	 \$18.70 \$0.3544 \$0.2495
C&I Medium Annual/High Winter	<u>Tariff Rate T 41:</u> Monthly Customer Charge All usage LDAC	 \$60.30 \$0.2235 <u>\$0.1417</u> \$0.0233	 \$60.30 \$0.2468 <u>\$0.1650</u>
C&I Medium Annual/Low Winter	<u>Tariff Rate T 51:</u> Monthly Customer Charge First 1300 <u>1000</u> therms All usage over 1300 <u>1000</u> therms LDAC	 \$60.30 \$0.2155 <u>\$0.1405</u> \$0.1760 <u>\$0.1073</u> \$0.0233	 \$60.30 \$0.2388 <u>\$0.1638</u> \$0.1993 <u>\$0.1306</u>
C&I High Annual/High Winter	<u>Tariff Rate T 42:</u> Monthly Customer Charge All usage LDAC	 \$254.00 \$0.2018 <u>\$0.1257</u> \$0.0233	 \$254.00 \$0.2251 <u>\$0.1490</u>
C&I High Annual/Low Winter	<u>Tariff Rate T 52:</u> Monthly Customer Charge All usage LDAC	 \$254.00 \$0.1555 <u>\$0.0946</u> \$0.0233	 \$254.00 \$0.1778 <u>\$0.1179</u>
C&I Interruptible Transportation	<u>Tariff Rate IT:</u> Monthly Customer Charge First 20,000 therms All usage over 20,000 therms	 \$170.21 \$0.1592 <u>\$0.0700</u> \$0.1404 <u>\$0.0640</u>	 \$170.21 \$0.1592 <u>\$0.0700</u> \$0.1404 <u>\$0.0640</u>

(1) Includes temporary rate adjustment of \$0.0293

Issued: ~~November 4, 2011~~ March 15, 2012
Effective: With Service Rendered On and After ~~November 1, 2011~~ May 1, 2012
Authorized by NHPUC Order No. , in Docket No. DG 12- , dated

Issued by: 
Title: Treasurer

Anticipated Cost of Gas

New Hampshire Division

Period Covered: ~~November 1, 2011~~ May 1, 2012 - ~~April 30~~ October 31, 2012

	(Col 1)	(Col 2)	(Col 3)
<u>ANTICIPATED DIRECT COST OF GAS</u>			
Purchased Gas:			
Demand Costs:	\$ 2,328,979	\$ 481,574	
Supply Costs:	\$ 7,429,043	\$ 1,495,238	
Storage & Peaking Gas:			
Demand, Capacity:	\$ 13,980,472	\$ 377,162	
Commodity Costs:	\$ 6,062,922	\$ 21,944	
Hedging (Gain)/Loss	\$ 703,414	\$ 171,582	
Interruptible Included Above	\$ —	\$ —	
Inventory Finance Charge	\$ 7,131		
Capacity Release	\$ (1,612,415)		
Total Anticipated Direct Cost of Gas		\$ 28,899,546	\$ 2,547,501
<u>ANTICIPATED INDIRECT COST OF GAS</u>			
Adjustments:			
Prior Period Under/(Over) Collection	\$ 973,628	\$ (151,792)	
NHPUC Consultant Costs	\$ 71,698	\$ —	
Interest	\$ —	\$ (2,852)	
Refunds	\$ —	\$ —	
<u>Interruptible Margins</u>	\$ —	\$ —	
Total Adjustments		\$ 1,045,326	\$ (154,644)
Working Capital:			
Total Anticipated Direct Cost of Gas	\$ 28,899,546	\$ 2,547,501	
Working Capital Percentage	0.082%	<u>0.082%</u>	
Working Capital Allowance	\$ 23,813	\$ 2,098	
Plus: Working Capital Reconciliation (Acct 182.11)	\$ (35,228)	\$ (978)	
Total Working Capital Allowance		\$ (11,415)	\$ 1,120
Bad Debt:			
Projected Bad Debt		\$ 650,000	
Bad Debt Supply Portion (64%)		\$ 416,526	
Seasonal Bad Debt Portion (91%)	\$ 377,457	\$ <u>39,068</u>	
Plus: Bad Debt Reconciliation (Acct 182.16)	\$ 1,935	\$ <u>(1,497)</u>	
Total Bad Debt Allowance		\$ 379,392	\$ 37,571
Local Production and Storage Capacity		\$ 349,700	\$ —
Miscellaneous Overhead- 79.34 <u>20.69</u>% Allocated to Winter Season		\$ 349,601	\$ 85,176
Total Anticipated Indirect Cost of Gas		\$ 2,112,605	\$ (30,776)
Total Cost of Gas		\$ 31,012,151	\$ 2,516,725

Issued: ~~November 4, 2011~~ March 15, 2012
Effective Date: ~~November 1, 2011~~ May 1, 2012

Issued By: _____
Treasurer

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: November 1, 2011 ~~May 1, 2012~~ - April 30 ~~October 31, 2012~~

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$28,899,546	\$2,547,501
Projected Prorated Sales (11/01/11-04/30/12-05/01/12 - 10/31/12)	<u>28,614,458</u>	<u>7,466,573</u>
Direct Cost of Gas Rate		\$1.0490 \$0.3412 per therm
Demand Cost of Gas Rate	\$14,697,036	\$858,736 \$0.5136 \$0.1150 per therm
Commodity Cost of Gas Rate	\$14,202,510	\$1,688,765 \$0.4963 \$0.2262 per therm
Total Direct Cost of Gas Rate	\$28,899,546	<u>\$2,547,501</u> \$1.0099 \$0.3412 per therm
Total Anticipated Indirect Cost of Gas	\$2,112,606	(\$30,776)
Projected Prorated Sales (11/01/11-04/30/12-05/01/12 - 10/31/12)	<u>28,614,458</u>	<u>7,466,573</u>
Indirect Cost of Gas		\$0.0738 (\$0.0041) per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$1.0837 \$0.3371 per therm
Period Ending Under-collection as determined on 12/22/11	\$1,413,303	
PROJECTED SALES (01/01/12 - 04/30/12)	19,561,177	
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)	7,962,561	
PER UNIT CHANGE IN COST OF GAS (03/01/12 - 04/30/12)	\$0.1402	

RESIDENTIAL COST OF GAS RATE - 03/01/12 05/01/12	COGwr	\$1.2961	\$0.3371	per therm
	Maximum (COG+25%)	\$1.3546	\$0.4213	
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	

COM/IND LOW WINTER USE COST OF GAS RATE - 03/01/12 05/01/12	COGwl	\$1.1356	\$0.2942	per therm
	Maximum (COG+25%)	\$1.1540	\$0.3678	
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	
C&I HLF Demand Costs Allocated per SMBA	\$127,347			
PLUS: Residential Demand Relocation to C&I HLF	<u>(\$158)</u>			
C&I HLF Total Adjusted Demand Costs	<u>\$127,189</u>			
C&I HLF Projected Prorated Sales (05/01/12-10/31/12)	<u>1,760,923</u>			
Demand Cost of Gas Rate	\$0.0722			
C&I HLF Commodity Costs Allocated per SMBA	\$398,135			
PLUS: Residential Commodity Reallocation to C&I HLF	<u>\$3</u>			
C&I HLF Total Adjusted Commodity Costs	<u>\$398,138</u>			
C&I HLF Projected Prorated Sales (05/01/12-10/31/12)	<u>1,760,923</u>			
Commodity Cost of Gas Rate	\$0.2261			
Indirect Cost of Gas	(\$0.0041)			
Total C&I HLF Cost of Gas Rate	\$0.2942			

COM/IND HIGH WINTER USE COST OF GAS RATE - 03/01/12 05/01/12	COGwh	\$1.3290	\$0.3704	per therm
	Maximum (COG+25%)	\$1.3958	\$0.4630	
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	
-	\$336,362			
PLUS: Residential Demand Relocation to C&I LLF	<u>(\$417)</u>			
C&I LLF Total Adjusted Demand Costs	<u>\$335,945</u>			
C&I LLF Projected Prorated Sales (05/01/12-10/31/12)	<u>2,265,631</u>			
Demand Cost of Gas Rate	\$0.1483			
C&I LLF Commodity Costs Allocated per SMBA	\$512,490			
PLUS: Residential Commodity Reallocation to C&I LLF	<u>\$4</u>			
C&I LLF Total Adjusted Commodity Costs	<u>\$512,494</u>			
C&I LLF Projected Prorated Sales (05/01/12-10/31/12)	<u>2,265,631</u>			
Commodity Cost of Gas Rate	\$0.2262			
Indirect Cost of Gas	(\$0.0041)			
Total C&I HLF Cost of Gas Rate	\$0.3704			