

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:	\$2,385,180	
Supply Costs:	\$9,365,605	
Storage & Peaking Gas:		
Demand, Capacity:	\$11,638,072	
Commodity Costs:	\$3,182,658	
Hedging (Gain)/Loss	\$400,309	
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>\$24,795,720</u>
<u>ANTICIPATED INDIRECT COST OF GAS</u>		
Adjustments:		
Prior Period Under/(Over) Collection	(\$3,105,739)	
Interest	(\$11,369)	
Refunds	(\$168,825)	
<u>Interruptible Margins</u>	<u>\$0</u>	
Total Adjustments		(\$3,285,933)
Working Capital:		
Total Anticipated Direct Cost of Gas	\$24,795,720	
Working Capital Percentage	0.082%	
Working Capital Allowance	\$20,423	
Plus: Working Capital Reconciliation (Acct 182.11)	<u>(\$9,592)</u>	
Total Working Capital Allowance		\$10,831
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		(\$2,516,893)
Total Cost of Gas		<u>\$22,278,826</u>

Issued: November 2, 2012

Effective Date: November 1, 2012

Authorized by NHPUC Order No. 25,434 in Docket No. DG 12-273, dated October 30, 2012

Issued By:



 Treasurer

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	\$24,795,720	
Projected Prorated Sales (11/01/12- 04/30/13)	27,305,924	
Direct Cost of Gas Rate		\$0.9081 per therm
Demand Cost of Gas Rate	\$11,842,494	\$0.4337 per therm
Commodity Cost of Gas Rate	<u>\$12,953,226</u>	<u>\$0.4744</u> per therm
Total Direct Cost of Gas Rate	\$24,795,720	\$0.9081 per therm
Total Anticipated Indirect Cost of Gas	(\$2,516,894)	
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		\$0.8159 per therm

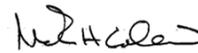
RESIDENTIAL COST OF GAS RATE - 11/01/12	COGwr	\$0.8159 per therm
	Maximum (COG+25%)	\$1.0199

COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/12	COGwl	\$0.7507 per therm
	Maximum (COG+25%)	\$0.9384

C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$720,765
PLUS: RESIDENTIAL DEMAND REALLOCATION TO C7I HLF	<u>\$15,939</u>
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$736,704
C&I HLF PROJECTED PRORATED SALES (11/1/12-04/30/13)	2,179,467
DEMAND COST OF GAS RATE	\$0.3380
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$1,103,662
PLUS: RESIDENTIAL COMMODITY COSTS	<u>(\$3,272)</u>
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$1,100,390
C&I HLF PROJECTED PRORATED SALES (11/01/12-04/30/13)	2,179,467
COMMODITY COST OF GAS RATE	\$0.5049
INDIRECT COST OF GAS	<u>(\$0.0922)</u>
TOTAL C&I HLF COST OF GAS RATE	\$0.7507

COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/12	COGwh	\$0.8279 per therm
	Maximum (COG+25%)	\$1.0349

C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$5,204,304
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	<u>\$115,087</u>
C&I LLF TOTAL ADJUSTED DEMAND COSTS	\$5,319,391
C&I LLF PROJECTED PRORATED SALES (11/01/12-04/30/13)	11,784,423
DEMAND COST OF GAS RATE	\$0.4514
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$5,540,143
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	<u>(\$16,423)</u>
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	\$5,523,719
C&I LLF PROJECTED PRORATED SALES (11/1/12-04/30/13)	11,784,423
COMMODITY COST OF GAS RATE	\$0.4687
INDIRECT COST OF GAS	<u>(\$0.0922)</u>
TOTAL C&I LLF COST OF GAS RATE	\$0.8279



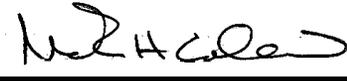
Local Delivery Adjustment Clause

Rate Schedule	RLIARA	DSM	ERC	ITM	RCE	RPC	LDAC
Residential Heating	\$0.0104	\$0.0403	\$0.0044	\$0.0000	\$0.0046	\$0.0123	\$0.0720
Residential Non-Heating	\$0.0104	\$0.0403	\$0.0044	\$0.0000	\$0.0046	\$0.0123	\$0.0720
Small C&I	\$0.0104	\$0.0118	\$0.0044	\$0.0000	\$0.0046	\$0.0123	\$0.0435
Medium C&I	\$0.0104	\$0.0118	\$0.0044	\$0.0000	\$0.0046	\$0.0123	\$0.0435
Large C&I	\$0.0104	\$0.0118	\$0.0044	\$0.0000	\$0.0046	\$0.0123	\$0.0435
No Previous Sales Service							

Issued: November 2, 2012

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

Authorized by NHPUC Order No. 25,434 in Docket No. DG 12-273, dated October 30, 2012

Issued by: 

Title: Treasurer

**NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
 WINTER SEASON RESIDENTIAL 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	\$0.5130	\$1.3289
	All usage over 50 therms	\$0.3829	\$0.4549	\$1.2708
	LDAC	\$0.0720		
	<u>Gas Cost Adjustment:</u> Cost of Gas	\$0.8159		
Residential Heating Low Income	<u>Tariff Rate R 10:</u>			
	Monthly Customer Charge	\$5.50	\$5.50	\$5.50
	First 50 therms	\$0.1764	\$0.2484	\$1.0643
	All usage over 50 therms	\$0.1532	\$0.2252	\$1.0411
	LDAC	\$0.0720		
	<u>Gas Cost Adjustment:</u> Cost of Gas	\$0.8159		
Residential Non-Heating	<u>Tariff Rate R 6:</u>			
	Monthly Customer Charge	\$13.73	\$13.73	\$13.73
	First 10 therms	\$0.3296	\$0.4016	\$1.2175
	All usage over 10 therms	\$0.3296	\$0.4016	\$1.2175
	LDAC	\$0.0720		
	<u>Gas Cost Adjustment:</u> Cost of Gas	\$0.8159		
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	\$0.3219	\$1.1378
	All usage over 10 therms	\$0.2499	\$0.3219	\$1.1378
	LDAC	\$0.0720		
	<u>Gas Cost Adjustment:</u> Cost of Gas	\$0.8159		

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Issued by:



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Treasurer

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

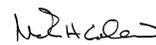
Winter Season November 2012 - April 2013		Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
C&I Low Annual/High Winter	<u>Tariff Rate G 40:</u> Monthly Customer Charge First 75 therms All usage over 75 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$31.40 \$0.2701 \$0.2226 \$0.0435 \$0.8279	\$31.40 \$0.3136 \$0.2661	\$31.40 \$1.1415 \$1.0940
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 \$0.0435 \$0.7507	\$31.40 \$0.3136 \$0.2661	\$31.40 \$1.0643 \$1.0168
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 \$0.0435 \$0.8279	\$94.21 \$0.2451	\$94.21 \$1.0730
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 \$0.0435 \$0.7507	\$94.21 \$0.2284 \$0.1917	\$94.21 \$0.9791 \$0.9424
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	\$314.05 \$0.1933 \$0.0435 \$0.8279	\$314.05 \$0.2368	\$314.05 \$1.0647
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 \$0.0435 \$0.7507	\$314.05 \$0.1915	\$314.05 \$0.9422

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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	\$0.3136
	All usage over 75 therms	\$0.2226	\$0.2661
LDAC		\$0.0435	
C&I Low Annual/Low Winter	Tariff Rate T 50:		
	Monthly Customer Charge	\$31.40	\$31.40
	First 75 therms	\$0.2701	\$0.3136
	All usage over 75 therms	\$0.2226	\$0.2661
LDAC		\$0.0435	
C&I Medium Annual/High Winter	Tariff Rate T 41:		
	Monthly Customer Charge	\$94.21	\$94.21
	All usage	\$0.2016	\$0.2451
LDAC		\$0.0435	
C&I Medium Annual/Low Winter	Tariff Rate T 51:		
	Monthly Customer Charge	\$94.21	\$94.21
	First 1,300 therms	\$0.1849	\$0.2284
	All usage over 1,300 therms	\$0.1482	\$0.1917
LDAC		\$0.0435	
C&I High Annual/High Winter	Tariff Rate T 42:		
	Monthly Customer Charge	\$314.05	\$314.05
	All usage	\$0.1933	\$0.2368
LDAC		\$0.0435	
C&I High Annual/Low Winter	Tariff Rate T 52:		
	Monthly Customer Charge	\$314.05	\$314.05
	All usage	\$0.1480	\$0.1915
LDAC		\$0.0435	
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: November 2, 2012

Issued by: 

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

Title:

Authorized by NHPUC Order No. 25,434 in Docket No. DG 12-273, dated October 30, 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: \$ 11.88 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:

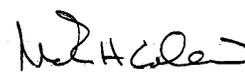
<u>SERVICE</u>	<u>PRICING</u>
Pool Administration (required) Non-Daily Metered Pools only	• \$0.10/month/customer billed @ marketer level
Standard Passthrough Billing (required)	• \$0.60/customer/month billed @ marketer level
Standard Complete Billing (optional – Passthrough Billing fee not required if this service is elected)	• \$1.50/customer/month billed @ marketer level
Customer Administration (required)	• \$10/customer/switch billed @ marketer level

Issued: November 2, 2012

Effective: November 1, 2012

Authorized by NHPUC Order No. 25,434 in Docket No. DG 12 -273, dated October 30, 2012

Issued by:



Treasurer

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

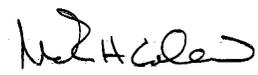
	<u>High Winter Use</u>	<u>Low Winter Use</u>
Pipeline:	17.36%	55.58%
Storage:	36.05%	19.38%
Peaking:	46.59%	25.04%

Issued: November 2, 2012

Effective: November 1, 2012

Authorized by NHPUC Order No. 25,434 in Docket No. DG12-273, dated October 30, 2012

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:	\$ 369.57
25% - Annual Charge for Re-Entry Fee:	\$ 92.39
Monthly Unit Charge for Re-Entry Fee:	\$ 7.70

Issued: November 2, 2012

Effective: November 1, 2012

Authorized by NHPUC Order No. 25,434 in Docket No. DG 12 -273, dated October 30, 2012

Issued by:



Treasurer