

Northern Utilities, Inc.

New Hampshire Division

2012 SUMMER PERIOD PROPOSED COST OF GAS ADJUSTMENT

TO BE EFFECTIVE MAY 1, 2012

FILED APRIL 13, 2012

**Northern Utilities, Inc.
New Hampshire Division
Summer 2012 Cost of Gas**

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 | |
| iii | Second Revised | |
| iv | Second Revised | |
| v | Second Revised | |
| 1 | Original | |
| 2 | Original | |
| 3 | Original | |
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| 5 | Original | |
| 6 | Original | |
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| 10 | First Revised | |
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| 14 | Original | |
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| 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 | |
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| 32 | Fourth Revised | |
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| 36 | Second 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 | 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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| 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 | Thirteenth 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 | |
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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> |
|--------------|---------------------|-----------------|
| 78 | Second Revised | |
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| 85 | Original | |
| 86 | Second Revised | |
| 87 | Original | |
| 88 | Second Revised | |
| 89 | Original | |
| 90 | Second Revised | |
| 91 | Original | |
| 92 | Second Revised | |
| 93 | Original | |
| 94 | Forty-fifth Revised | |
| 95 | Forty-fifth Revised | |
| 96 | Thirteenth Revised | |
| 97 | First Revised | |
| 98 | First Revised | |
| 99 | Eleventh Revised | |
| 99-a | Eighteenth Revised | |
| 100 | Original | |
| 101 | Original | |
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| 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 | |
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| 124 | First 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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| 125 | First Revised | |
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| 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 | |
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| 144 | First Revised | |
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| 149 | First Revised | |
| 150 | First Revised | |
| 151 | First Revised | |
| 152 | First Revised | |
| 152-a | Original | |
| 153 | Second Revised | |
| 154 | Ninth 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 | Eighth Revised | |
| 170 | Original | |
| 170-a | Original | |
| 170-b | Second Revised | |

Northern Utilities, Inc.
New Hampshire Division

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.

Pages

Revision

Proposed

171

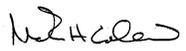
First Revised

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 | Tariff Rate T 40: 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 | Tariff Rate T 50: 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 | Tariff Rate T 41: Monthly Customer Charge All usage LDAC | \$60.30 \$0.1417 \$0.0233 | \$60.30 \$0.1650 |
| C&I Medium Annual/Low Winter | Tariff Rate T 51: Monthly Customer Charge First 1000 therms All usage over 1000 therms LDAC | \$60.30 \$0.1405 \$0.1073 \$0.0233 | \$60.30 \$0.1638 \$0.1306 |
| C&I High Annual/High Winter | Tariff Rate T 42: Monthly Customer Charge All usage LDAC | \$254.00 \$0.1257 \$0.0233 | \$254.00 \$0.1490 |
| C&I High Annual/Low Winter | Tariff Rate T 52: Monthly Customer Charge All usage LDAC | \$254.00 \$0.0946 \$0.0233 | \$254.00 \$0.1179 |
| C&I Interruptible Transportation | Tariff Rate IT: Monthly Customer Charge First 20,000 therms All usage over 20,000 therms | \$170.21 \$0.0700 \$0.0640 | \$170.21 \$0.0700 \$0.0640 |

(1) Includes temporary rate adjustment of \$0.0293

Issued: April 13, 2012
 Effective: With Service Rendered On and After May 1, 2012
 Authorized by NHPUC Order No. __, in Docket No. DG 12-068 , dated

Issued by: 
 Title: Treasurer

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: | \$2,045,969 | |
| Storage & Peaking Gas: | | |
| Demand, Capacity: | \$377,162 | |
| Commodity Costs: | \$21,944 | |
| Hedging (Gain)/Loss | \$239,048 | |
| Interruptible Included Above | \$0 | |
| Inventory Finance Charge | \$0 | |
| Capacity Release, Asset Management, PNGTS Cost | \$0 | |
| | <hr/> | |
| Total Anticipated Direct Cost of Gas | | <u>\$3,165,697</u> |
| <u>ANTICIPATED INDIRECT COST OF GAS</u> | | |
| Adjustments: | | |
| Prior Period Under/(Over) Collection | (\$104,463) | |
| Interest | \$0 | |
| Refunds | (\$2,129) | |
| <u>Interruptible Margins</u> | \$0 | |
| Total Adjustments | | (\$106,592) |
| Working Capital: | | |
| Total Anticipated Direct Cost of Gas | \$3,165,697 | |
| Working Capital Allowance Percentage | 0.082% | |
| Working Capital Allowance | \$2,607 | |
| Plus: Working Capital Reconciliation (Acct 182.11) | (\$952) | |
| | <hr/> | |
| Total Working Capital Allowance | | \$1,655 |
| 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) | (\$1,283) | |
| Total Bad Debt Allowance | | \$37,785 |
| Local Production and Storage Capacity | | \$0 |
| Miscellaneous Overhead-20.69% Allocated to Summer Season | | \$85,176 |
| Total Anticipated Indirect Cost of Gas | | \$18,025 |
| Total Cost of Gas | | <u>\$3,183,722</u> |

Issued: April 13, 2012
 Effective Date: May 1, 2012

Issued By: 
 Treasurer

Authorized by NHPUC Order No. _____, in Docket No. DG 12-068, dated _____, 2012

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 | \$3,165,697 | |
| Projected Prorated Sales (05/01/12-10/31/12) | 7,466,573 | |
| Direct Cost of Gas Rate | | \$0.4240 per therm |
| Demand Cost of Gas Rate | \$858,736 | \$0.1150 per therm |
| Commodity Cost of Gas Rate | <u>\$2,306,962</u> | <u>\$0.3090</u> per therm |
| Total Direct Cost of Gas Rate | \$3,165,697 | \$0.4240 per therm |
| Total Anticipated Indirect Cost of Gas | \$18,025 | |
| Projected Prorated Sales (05/01/12-10/31/12) | 7,466,573 | |
| Indirect Cost of Gas | | \$0.0024 per therm |
| TOTAL PERIOD AVERAGE COST OF GAS | | \$0.4264 per therm |

| | | |
|--|--------------------------|---------------------------|
| RESIDENTIAL COST OF GAS RATE - 05/01/12 | COGwr | \$0.4264 per therm |
| | Maximum (COG+25%) | \$0.5330 |

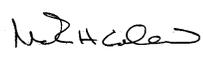
| | | |
|---|--------------------------|---------------------------|
| COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/12 | COGwl | \$0.3835 per therm |
| | Maximum (COG+25%) | \$0.4794 |

| | |
|---|------------------|
| 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 | \$543,894 |
| PLUS: RESIDENTIAL COMMODITY COSTS | \$6 |
| C&I HLF TOTAL ADJUSTED COMMODITY COSTS | <u>\$543,900</u> |
| C&I HLF PROJECTED PRORATED SALES (05/1/12-10/31/12) | 1,760,923 |
| COMMODITY COST OF GAS RATE | \$0.3089 |
| INDIRECT COST OF GAS | \$0.0024 |
| TOTAL C&I HLF COST OF GAS RATE | \$0.3835 |

| | | |
|--|--------------------------|---------------------------|
| COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/12 | COGwh | \$0.4597 per therm |
| | Maximum (COG+25%) | \$0.5746 |

| | |
|--|------------------|
| 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 | \$700,089 |
| PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF | \$7 |
| C&I LLF TOTAL ADJUSTED COMMODITY COSTS | <u>\$700,096</u> |
| C&I LLF PROJECTED PRORATED SALES (05/01/12-10/31/12) | 2,265,631 |
| COMMODITY COST OF GAS RATE | \$0.3090 |
| INDIRECT COST OF GAS | \$0.0024 |
| TOTAL C&I LLF COST OF GAS RATE | \$0.4597 |

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Issued By: 

Treasurer

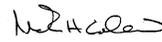
NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
SUMMER SEASON C&I RATES

| | Winter <u>Summer</u> Season November 2011-April 2012 <u>May 2012 - October 2012</u> | Tariff Rates(1) | Total Delivery Rates (Includes LDAC) | Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas |
|------------------------------------|--|---|---|---|
| C&I Low Annual/High Winter | Tariff Rate R 5: Monthly Customer Charge First 50 therms All usage over 50 therms LDAC Gas Cost Adjustment: Cost of Gas | \$9.50 \$0.4395 \$0.3283 \$0.0440 \$1.2961 <u>\$0.4264</u> | \$9.50 \$0.4835 \$0.3723 | \$9.50 \$1.7796 <u>\$0.9099</u> \$1.6684 <u>\$0.7987</u> |
| C&I Low Annual/Low Winter | Tariff Rate R 10: Monthly Customer Charge First 50 therms All usage over 50 therms LDAC Gas Cost Adjustment: Cost of Gas | \$3.80 \$0.1934 \$0.1489 \$0.0440 \$1.2961 <u>\$0.4264</u> | \$3.80 \$0.2374 \$0.1929 | \$3.80 \$1.5335 <u>\$0.6638</u> \$1.4890 <u>\$0.6193</u> |
| Residential Non-Heating | Tariff Rate R 6: Bi-monthly Customer Charge First 20 therms All usage over 20 therms Monthly Customer Charge First 10 therms All usage over 10 therms LDAC Gas Cost Adjustment: Cost of Gas | \$19.00 \$0.4360 \$0.3375 \$9.50 \$0.4360 \$0.3375 \$0.0440 \$1.2961 <u>\$0.4264</u> | \$19.00 \$0.4800 \$0.3815 \$9.50 \$0.4800 \$0.3815 | \$19.00 \$1.7761 <u>\$0.9064</u> \$1.6776 <u>\$0.8079</u> \$9.50 \$1.7761 <u>\$0.9064</u> \$1.6776 <u>\$0.8079</u> |
| Residential Non-Heating Low Income | Tariff Rate R 11: Bi-monthly Customer Charge First 20 therms All usage over 20 therms Monthly Customer Charge First 10 therms All usage over 10 therms LDAC Gas Cost Adjustment: Cost of Gas | \$13.80 \$0.3377 \$0.2628 \$6.90 \$0.3377 \$0.2628 \$0.0440 \$1.2961 <u>\$0.4264</u> | \$13.80 \$0.3817 \$0.3068 \$6.90 \$0.3817 \$0.3068 | \$13.80 \$1.6778 <u>\$0.8081</u> \$1.6029 <u>\$0.7332</u> \$6.90 \$1.6778 <u>\$0.8081</u> \$1.6029 <u>\$0.7332</u> |

(1) Includes temporary rate adjustment of \$0.0293

Issued: ~~February 24,~~ April 13, 2012

Issued by:



Effective: With Service Rendered On and After ~~March 4~~ May 1, 2012

Title: _____ Treasurer

Authorized by NHPUC Order No. ~~25,282,~~ in Docket No. ~~DG-11-207-12-068,~~ dated ~~April 29,~~ 2011.

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

| Winter Summer Season November 2011-April 2012 May 2012 - October 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 | Tariff Rate G 40: Monthly Customer Charge First 75 therms All usage over 75 therms LDAC Gas Cost Adjustment: Cost of Gas | \$18.70 \$0.3370 \$0.2300 \$0.0233 \$1.3290 \$0.4597 | \$18.70 \$0.3603 \$0.2533 | \$18.70 \$1.6893 \$0.8200 \$1.5823 \$0.7130 |
| 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 | \$18.70 \$0.3311 \$0.2262 \$0.0233 \$1.1356 \$0.3835 | \$18.70 \$0.3544 \$0.2495 | \$18.70 \$1.4900 \$0.7379 \$1.3854 \$0.6330 |
| C&I Medium Annual/High Winter | Tariff Rate G 41: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas | \$60.30 \$0.2235 \$0.1417 \$0.0233 \$1.3290 \$0.4597 | \$60.30 \$0.2468 \$0.1650 | \$60.30 \$1.5758 \$0.6247 |
| C&I Medium Annual/Low Winter | Tariff Rate G 51: Monthly Customer Charge First 1,000 1,000 therms All usage over 1,000 1,000 therms LDAC Gas Cost Adjustment: Cost of Gas | \$60.30 \$0.2155 \$0.1405 \$0.1760 \$0.1073 \$0.0233 \$1.1356 \$0.3835 | \$60.30 \$0.2388 \$0.1638 \$0.1993 \$0.1306 | \$60.30 \$1.3744 \$0.5473 \$1.3349 \$0.5141 |
| C&I High Annual/High Winter | Tariff Rate G 42: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas | \$254.00 \$0.2018 \$0.1257 \$0.0233 \$1.3290 \$0.4597 | \$254.00 \$0.2254 \$0.1490 | \$254.00 \$1.5544 \$0.6087 |
| C&I High Annual/Low Winter | Tariff Rate G 52: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas | \$254.00 \$0.1555 \$0.0946 \$0.0233 \$1.1356 \$0.3835 | \$254.00 \$0.1788 \$0.1179 | \$254.00 \$1.3144 \$0.5014 |

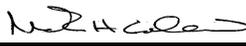
(1) Includes temporary rate adjustment of \$0.0293

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Effective: With Service Rendered On and After March 1, May 1, 2012

Authorized by NHPUC Order No. 25,282, in Docket No. DG 11-207 12-068, dated October 28, 2011

Issued by:


Title: _____ Treasurer

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION

~~WINTER~~ SUMMER SEASON DELIVERY RATES

| | Winter <u>Summer</u> Season November 2011 - April 2012 <u>May 2012 - October 2012</u> | | Tariff Rates (1) | 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 | | \$18.70 \$0.3370 \$0.2300 \$0.0233 | \$18.70 \$0.3603 \$0.2533 |
| C&I Low Annual/Low Winter | Tariff Rate T 50: 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 | Tariff Rate T 41: 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 | Tariff Rate T 51: Monthly Customer Charge First 1,300 <u>1,000</u> therms All usage over 1,300 <u>1,000</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 | Tariff Rate T 42: 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 | Tariff Rate T 52: 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 | Tariff Rate IT: Monthly Customer Charge First 20,000 therms All usage over 20,000 therms | | \$170.21 \$0.1592 <u>\$0.0700</u> \$0.1401 <u>\$0.0640</u> | \$170.21 \$0.1592 <u>\$0.0700</u> \$0.1401 <u>\$0.0640</u> |

(1) Includes temporary rate adjustment of \$0.0293

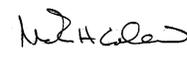
Issued: ~~November 4, 2011~~ April 13, 2012

Effective: With Service Rendered On and After ~~November 1, 2011~~ May 1, 2012

Authorized by NHPUC Order No. ~~25,282~~ , in Docket No. DG ~~11-207~~ 12-068, 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 \$ 2,045,969 | |
| Storage & Peaking Gas: | | |
| Demand, Capacity: | \$ 13,980,472 \$ 377,162 | |
| Commodity Costs: | \$ 6,062,922 \$ 21,944 | |
| Hedging (Gain)/Loss | \$ 703,414 \$ 239,048 | |
| Interruptible Included Above | \$ ----- \$ - | |
| Inventory Finance Charge | \$ ----- 7,131 | |
| Capacity Release | \$ (1,612,415) | |
| Total Anticipated Direct Cost of Gas | \$ 28,899,546 \$ 3,165,697 | |
| <u>ANTICIPATED INDIRECT COST OF GAS</u> | | |
| Adjustments: | | |
| Prior Period Under/(Over) Collection | \$ 973,628 \$ (104,463) | |
| NHPUC Consultant Costs | \$ 71,698 \$ - | |
| Interest | \$ ----- \$ (2,129) | |
| Refunds | \$ ----- \$ - | |
| <u>Interruptible Margins</u> | <u>\$ ----- \$ -</u> | |
| Total Adjustments | \$ 1,045,326 \$ (106,592) | |
| Working Capital: | | |
| Total Anticipated Direct Cost of Gas | \$ 28,899,546 \$ 3,165,697 | |
| Working Capital Allowance Percentage | <u>0.082%</u> <u>0.082%</u> | |
| Working Capital Allowance | \$ 23,813 \$ 2,607 | |
| Plus: Working Capital Reconciliation (Acct 182.11) | \$ (35,228) \$ (952) | |
| Total Working Capital Allowance | \$ (11,415) \$ 1,655 | |
| 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>(1,283)</u> | |
| Total Bad Debt Allowance | \$ 379,392 \$ 37,785 | |
| 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 \$ 18,025 | |
| Total Cost of Gas | \$ 31,012,151 \$ 3,183,722 | |

Issued: ~~November 4, 2011~~ April 13, 2012

Effective Date: ~~November 1, 2011~~ May 1, 2012

Authorized by NHPUC Order No. ~~25,282~~ , in Docket No. DG ~~11-207~~ 12-068, dated ~~October 28, 2011~~

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 | \$3,165,697 |
| 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 | | \$1.0400 \$0.4240 per therm |
| Demand Cost of Gas Rate | \$44,697,036 | \$0.6136 \$0.1150 per therm |
| Commodity Cost of Gas Rate | \$44,202,510 | \$0.4963 \$0.3090 per therm |
| Total Direct Cost of Gas Rate | \$28,899,546 | \$1.0099 \$0.4240 per therm |
| Total Anticipated Indirect Cost of Gas | \$2,112,605 | \$18,025 |
| 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 \$0.0024 per therm |
| TOTAL PERIOD AVERAGE COST OF GAS | | \$1.0837 \$0.4264 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 | |

| RESIDENTIAL COST OF GAS RATE - 03/01/12 05/01/12 | COGwr | \$1.2961 | \$0.4264 | per therm |
|--|-------------------|----------|-----------|-----------|
| | Maximum (COG+25%) | \$1.3546 | \$0.5330 | |
| 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 | \$0.3835 | per therm |
|---|-------------------|----------|-----------|-----------|
| | Maximum (COG+25%) | \$1.1540 | \$0.4794 | |
| 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 | (\$158) | | | |
| C&I HLF Total Adjusted Demand Costs | \$127,189 | | | |
| C&I HLF Projected Prorated Sales (05/01/12-10/31/12) | 1,760,923 | | | |
| Demand Cost of Gas Rate | \$0.0722 | | | |
| C&I HLF Commodity Costs Allocated per SMBA | \$543,894 | | | |
| PLUS: Residential Commodity Reallocation to C&I HLF | \$6 | | | |
| C&I HLF Total Adjusted Commodity Costs | \$543,900 | | | |
| C&I HLF Projected Prorated Sales (05/01/12-10/31/12) | 1,760,923 | | | |
| Commodity Cost of Gas Rate | \$0.3089 | | | |
| Indirect Cost of Gas | \$0.0024 | | | |
| Total C&I HLF Cost of Gas Rate | \$0.3835 | | | |

| COM/IND HIGH WINTER USE COST OF GAS RATE - 03/01/12 05/01/12 | COGwh | \$1.3290 | \$0.4597 | per therm |
|--|-------------------|----------|-----------|-----------|
| | Maximum (COG+25%) | \$1.3958 | \$0.5747 | |
| 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 | (\$417) | | | |
| C&I LLF Total Adjusted Demand Costs | \$335,945 | | | |
| 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 | \$700,089 | | | |
| PLUS: Residential Commodity Reallocation to C&I LLF | \$7 | | | |
| C&I LLF Total Adjusted Commodity Costs | \$700,096 | | | |
| C&I LLF Projected Prorated Sales (05/01/12-10/31/12) | 2,265,631 | | | |
| Commodity Cost of Gas Rate | \$0.3090 | | | |
| Indirect Cost of Gas | \$0.0024 | | | |
| Total C&I HLF Cost of Gas Rate | \$0.4597 | | | |