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II RATE SCHEDULES FIRM RATE SCHEDULES

| | Winter Period | | | | Summer Period | | | | |
|--|--|--------------------------------|------------------------|-------------------------------------|--|--------------------------------|------------------------|-------------------------------------|--|
| | Delivery <u>Charge</u> | Cost of Gas Rate Page 87 | LDAC Page 94 | Total <u>Rate</u> | Delivery <u>Charge</u> | Cost of Gas Rate Page 87 | LDAC Page 94 | Total <u>Rate</u> | |
| Residential Non Heating - R-1 Customer Charge per Month per Meter All therms | \$ 11.98 \$ 0.1583 | \$ 0.7926 | \$ 0.0697 | \$ 11.98 \$ 1.0206 | \$ 11.98 \$ 0.1583 | \$ 0.7581 | \$ 0.0693 | \$ 11.98 \$ 0.9857 | |
| Residential Heating - R-3 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at All therms over the first block per month at | \$ 17.33 100 therms \$ 0.2741 \$ 0.2265 | \$ 0.7926 | \$ 0.0697 \$ 0.0697 | \$ 17.33 \$ 1.1364 \$ 1.0888 | \$ 17.33 20 therms \$ 0.2741 \$ 0.2265 | \$ 0.7581 \$ 0.7581 | \$ 0.0693 \$ 0.0693 | \$ 17.33 \$ 1.1015 \$ 1.0539 | |
| Residential Heating - R-4 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at All therms over the first block per month at | \$ 6.93 100 therms \$ 0.1096 \$ 0.0906 | s \$ 0.7926 | \$ 0.0697 \$ 0.0697 | \$ 6.93 \$ 0.9719 \$ 0.9529 | \$ 6.93 20 therms \$ 0.1096 \$ 0.0906 | | \$ 0.0693 \$ 0.0693 | \$ 6.93 \$ 0.9370 \$ 0.9180 | |
| Commercial/Industrial - G-41 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at All therms over the first block per month at | \$ 40.77 100 therms \$ 0.3254 \$ 0.2116 | \$ 0.7929 | \$ 0.0497 \$ 0.0497 | \$ 40.77 \$ 1.1680 \$ 1.0542 | \$ 40.77 20 therms \$ 0.3254 \$ 0.2116 | \$ 0.7620 \$ 0.7620 | \$ 0.0474 \$ 0.0474 | \$ 40.77 \$ 1.1348 \$ 1.0210 | |
| Commercial/Industrial - G-42 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at All therms over the first block per month at | \$ 122.32 1000 therms \$ 0.3041 \$ 0.2009 | \$ 0.7929 | \$ 0.0497 \$ 0.0497 | \$ 122.32 \$ 1.1467 \$ 1.0435 | \$ 122.32 400 therms \$ 0.3041 \$ 0.2009 | \$ 0.7620 \$ 0.7620 | \$ 0.0474 \$ 0.0474 | \$ 122.32 \$ 1.1135 \$ 1.0103 | |
| Commercial/Industrial - G-43 Customer Charge per Month per Meter All therms over the first block per month at | \$ 524.96 \$ 0.1867 | \$ 0.7929 | \$ 0.0497 | \$ 524.96 \$ 1.0293 | \$ 524.96 \$ 0.0854 | \$ 0.7620 | \$ 0.0474 | \$ 524.96 \$ 0.8948 | |
| Commercial/Industrial - G-51 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at All therms over the first block per month at | \$ 40.77 100 therms \$ 0.1741 \$ 0.1124 | \$ 0.7911 | \$ 0.0497 \$ 0.0497 | \$ 40.77 \$ 1.0149 \$ 0.9532 | \$ 40.77 100 therms \$ 0.1741 \$ 0.1124 | \$ 0.7511 \$ 0.7511 | \$ 0.0474 \$ 0.0474 | \$ 40.77 \$ 0.9726 \$ 0.9109 | |
| Commercial/Industrial - G-52 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at All therms over the first block per month at | \$ 122.32 1000 therms \$ 0.1684 \$ 0.1143 | \$ 0.7911 | \$ 0.0497 \$ 0.0497 | \$ 122.32 \$ 1.0092 \$ 0.9551 | \$ 122.32 1000 therms \$ 0.1237 \$ 0.0713 | | \$ 0.0474 \$ 0.0474 | \$ 122.32 \$ 0.9222 \$ 0.8698 | |
| Commercial/Industrial - G-53 Customer Charge per Month per Meter All therms over the first block per month at | \$ 540.25 \$ 0.1202 | \$ 0.7911 | \$ 0.0497 | \$ 540.25 \$ 0.9610 | \$ 540.25 \$ 0.0575 | \$ 0.7511 | \$ 0.0474 | \$ 540.25 \$ 0.8560 | |
| Commercial/Industrial - G-54 Customer Charge per Month per Meter All therms over the first block per month at | \$ 540.25 \$ 0.0415 | \$ 0.7911 | \$ 0.0497 | \$ 540.25 \$ 0.8823 | \$ 540.25 \$ 0.0224 | \$ 0.7511 | \$ 0.0474 | \$ 540.25 \$ 0.8209 | |

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Anticipated Cost of Gas

PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2011 THROUGH APRIL 30, 2012 (REFER TO TEXT ON IN SECTION 16 COST OF GAS CLAUSE)

| (Col 1) | | (Col 2) | | (Col 3) |
|---|----|-------------------|--------|------------|
| ANTICIPATED DIRECT COST OF GAS | | | | |
| Purchased Gas: | | | | |
| Demand Costs: | \$ | 11,669,833 | | |
| Supply Costs: | | 35,469,665 | | |
| Storage Gas: | | | | |
| Demand, Capacity: | \$ | 1,247,501 | | |
| Commodity Costs: | | 8,822,497 | | |
| Produced Gas: | | 381,653 | | |
| Hedged Contract (Saving)/Loss Hedge Underground Storage Contract (Saving)/Loss | | 2,091,917 | | |
| Unadjusted Anticipated Cost of Gas | | | \$ | 59,683,067 |
| Adjustments: | | | | |
| Prior Period (Over)/Under Recovery (as of 10/31/11) | \$ | 3,735,297 | | |
| Interest | Ψ | 123,025 | | |
| Prior Period Adjustments | | - | | |
| Broker Revenues | | (1,417,572) | | |
| Refunds from Suppliers | | - | | |
| Fuel Financing | | 182,975 | | |
| Transportation CGA Revenues | | | | |
| Interruptible Sales Margin | | - | | |
| Capacity Release and Off System Sales Margins | | (471,144) | | |
| Hedging Costs | | - | | |
| Fixed Price Option Administrative Costs | | 40,691 | | |
| Total Adjustments | | | | 2,193,271 |
| Total Anticipated Direct Cost of Gas | | | \$ | 61,876,339 |
| Anticipated Indirect Cost of Gas | | | | |
| • | | | | |
| Working Capital: | • | F0 000 007 | | |
| Total Anticipated Direct Cost of Gas 11/01/11 - 04/30/12) | \$ | 59,683,067 | | |
| Lead Lag Days Prime Rate | | 0.0391 3.25% | | |
| Working Capital Percentage | | 0.127% | | |
| Working Capital Working Capital | \$ | 75,850 | | |
| | • | -, | | |
| Plus: Working Capital Reconciliation (Acct 142.20) | _ | 8,916 | | |
| Total Working Capital Allowance | | | | 84,766 |
| Bad Debt: | | | | |
| Total Anticipated Direct Cost of Gas 11/01/11 - 04/30/12) | \$ | 59,683,067 | | |
| Less: Refunds | | - | | |
| Plus: Total Working Capital | | 84,766 | | |
| Plus: Prior Period (Over)/Under Recovery | | 3,735,297 | | |
| Subtotal | \$ | 63,503,130 | | |
| Bad Debt Percentage | | 2.37% | | |
| Bad Debt Allowance | \$ | 1,505,024 | | |
| Plus: Bad Debt Reconciliation (Acct 175.52) | _ | 36,020 | | |
| Total Bad Debt Allowance | | | \$ | 1,541,044 |
| Production and Storage Capacity | | | \$ | 1,980,428 |
| | * | 10.176 | • | , |
| Miscellaneous Overhead (11/01/11 - 04/30/12) | \$ | 13,170 | | |
| Times Winter Sales Divided by Total Sales | | 82,647 105,301 | | |
| • | _ | 100,301 | | 10.00 |
| Miscellaneous Overhead | | | _ | 10,337 |
| Total Anticipated Indirect Cost of Gas | | | \$ | 3,616,575 |
| Total Cost of Gas | | | \$ | 65,492,914 |
| August 31, 2011 | | Issued: By | | |
| | | | I G. S | |

CALCULATION OF FIRM SALES COST OF GAS RATE PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2011 THROUGH APRIL 30, 2012 (Refer to Text in Section 16 Cost of Gas Clause)

| | 16 Cost of Gas Clause) | | | |
|--|------------------------------------|-------|---------|-------------------------------------|
| (Col 1) | (Col 2) | | (Col 3) | |
| Total Anticipated Direct Cost of Gas Projected Prorated Sales (11/01/11 - 04/30/12) | \$ 61,876,3 82,632,6 | 61 | 0.7400 | |
| Direct Cost of Gas Rate | | \$ | 0.7488 | per therm |
| Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate | \$ 12,917,3 46,765,7 2,193,2 | 33 \$ | 0.5659 | per therm per therm per therm |
| Total Direct Cost of Gas Rate | \$ 61,876,3 | | | per therm |
| Total Anticipated Indirect Cost of Gas Projected Prorated Sales (11/01/11 - 04/30/12) | \$ 3,616,5 82,632,6 | | | |
| Indirect Cost of Gas | 02,002,0 | \$ | 0.0438 | per therm |
| TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/11 | | \$ | 0.7926 | per therm |
| RESIDENTIAL COST OF GAS RATE - 11/01/11 | COGwr | \$ | 0.7926 | /therm |
| | Maximum (COG + 25%) | \$ | 0.9908 | |
| | | | | |

| Average Demand Cost of Gas Rate Effective 11/01/11 | \$ 0.1563 | | |
|--|-----------|---------------------|--------------|
| Times: Low Winter Use Ratio (Winter) | 0.9895 | Maximum (COG + 25%) | \$ 0.9889 |
| Times: Correction Factor | 1.00140 | | |
| Adjusted Demand Cost of Gas Rate | \$ 0.1549 | | |
| Commodity Cost of Gas Rate | \$ 0.5659 | | |
| Adjustment Cost of Gas Rate | \$ 0.0265 | | |
| Indirect Cost of Gas Rate | \$ 0.0438 | | |
| Adjusted Com/Ind Low Winter Use Cost of Gas Rate | \$ 0.7911 | | |

| Average Demand Cost of Gas Rate Effective 11/01/11 Times: High Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate | \$ 0.1563 1.0014 1.0014 \$ 0.1567 | Maximum (COG + 25%) | \$ 0.9911 |
|---|--|---------------------|-----------|
| Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind High Winter Use Cost of Gas Rate | \$ 0.5659 \$ 0.0265 \$ 0.0438 \$ 0.7929 | | |

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Issued: By_______Daniel G. Saad

II. RATE SCHEDULES CALCULATION OF FIXED WINTER PERIOD COST OF GAS RATE PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2011 THROUGH APRIL 30, 2012 (Refer to Text in Section 17(A) Fixed Price Option Program)

| (Col 1) | | (Col 2) | (0 | Col 3) | |
|---|---|---|-----------------|------------------------------------|--|
| Total Anticipated Direct Cost of Gas Projected Prorated Sales (11/01/11 - 04/30/12) Direct Cost of Gas Rate | | \$ 61,876,339 82,632,661 | \$ | 0.7488 | per therm |
| Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Total Direct Cost of Gas Rate | | \$ 12,917,335 46,765,733 2,193,271 \$ 61,876,339 | \$ | 0.5659 0.0265 | per therm per therm per therm per therm |
| Total Anticipated Indirect Cost of Gas Projected Prorated Sales (11/01/11 - 04/30/12) Indirect Cost of Gas | | \$ 3,616,575 82,632,661 | \$ | 0.0438 | per therm |
| TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 40848 FPO Risk Premium TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EF | FECTIVE 40848 | | \$ \$ | 0.7926 0.0200 0.8126 | |
| RESIDENTIAL COST OF GAS RATE - 11/01/11 | | COGwr | \$ | 0.8126 | /therm |
| | | | | | |
| COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/11 | | COGwl | \$ | 0.8111 | /therm |
| Average Demand Cost of Gas Rate Effective 40848 Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate FPO Risk Premium | \$ 0.1563 \$ 0.9895 | | | | |
| COM/IND HIGH WINTER USE COST OF GAS RATE -11/01/11 | | COGwh | \$ | 0.8129 | /therm |
| Average Demand Cost of Gas Rate Effective 40848 Times: High Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate FPO Risk Premium | \$ 0.1563 \$ 1.0014 1.0014 \$ 0.1567 \$ 0.5659 \$ 0.0265 \$ 0.0438 \$ 0.7929 \$ 0.0200 \$ 0.8129 | | | | |

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II. RATE SCHEDULES Calculation of Firm Transportation Cost of Gas Rate PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2011 THROUGH APRIL 30, 2012 (Refer to text in Section 16(Q) Firm Transportation Cost of Gas Clause)

| (Col 1) | (Col 2) | | (Col 3) | | (Co | l 4) |
|--|---|---|---------------------------------|----|----------|--------|
| ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES: | | | | | | |
| PROPANE | \$ - | | | | | |
| LNG | 381,653 | | | | | |
| TOTAL ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES ESTIMATED PERCENTAGE USED FOR PRESSURE SUPPORT PURPOSES ESTIMATED COST OF LIQUIDS USED FOR PRESSURE SUPPORT PURPOSES | 381,653 9.9% \$ 37,784 | | | | | |
| PROJECTED FIRM THROUGHPUT (THERMS): FIRM SALES FIRM TRANSPORTATION SUBJECT TO FTCG TOTAL FIRM THROUGHPUT SUBJECT TO COST OF GAS CHARGE | 82,647,332 36,930,101 119,577,433 | | 69.1% <u>30.9%</u> 100.0% | | | |
| TRANSPORTATION SHARE OF SUPPLEMENTAL GAS SUPPLIES | 30.9% | Х | \$ 37,784 = | \$ | 5 1 | 1,669 |
| PRIOR (OVER) OR UNDER COLLECTION | | | | - | (1 | 0,838) |
| NET AMOUNT TO COLLECT FROM (RETURNED TO) TRANSPORTATION CUSTOMERS | | | | \$ | ; | 831 |
| PROJECTED FIRM TRANSPORTATION THROUGHPUT | | | | ; | 36,93 | 0,101 |
| FIRM TRANSPORTATION COST OF GAS ADJUSTMENT | | | | | \$0 | .0000 |

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Environmental Surcharge - Manufactured Gas Plants

Manfactured Gas Plants

Required annual increase in rates \$56,582

Estimated weather normalized firm therms billed for the twelve months ended 10/31/11 - sales and

transportation 163,588,592 therms

Surcharge per therm \$0.0003 per therm

Total Environmental Surcharge \$0.0003

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Rate Case Expense/Temporary Rate Reconciliation (RDE) Factor Calculation

Rate Case Expense Factors for Resdential Customers

| Rate Case Expense | \$ 1,112,811 |
|---|-----------------------------------|
| Temporary Rate Reconciliation - DG 10-017 Sipulation per Settlement Argument - DG 10-017 Reconciliation DG 08-009 and Merger Incentive DG 06-707 | 1,130,418 (7,776) (143,593) |
| Total Rate Case Expense/Temporary Rate Reconciliation Recoverable | \$ 2,091,860 |
| OffPeak 2011 Rate Case Expense Factor OffPeak 2011 Projected Volumes OffPeak 2011 Rate Case Expense Collection | 0.0052 36,952,643 192,154 |
| Total Net Rate Case Expense/Temporary Rate Reconciliation Recoverable | 1,899,706 |
| Forecasted Annual Throughput Volumes for Residential Customer (A:VOLres) Forecasted Annual Throughput Volumes for Commercial/Industrial Customer (A:VOLc&i) | 61,976,058 101,612,535 |
| Total Volumes | 163,588,592 |
| Rate Case Expense Factor | \$ 0.0116 |

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Local Distribution Adjustment Charge Calculation

| Residential Non Heating Rates - R-1 Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH | \$0.0498 0.0000 0.0000 | Sales <u>Customers</u> \$0.0498 | Transporatation <u>Customers</u> | |
|---|--|--|--|-----------|
| Manufactured Gas Plants Environmental Surcharge (ES) Interruptible Transportation Margin Credit (ITMC) Cost Allowance Adjustment Factor Rate Case Expense Factor (RCEF) Residential Low Income Assistance Program (RLIAP) LDAC | 0.0003 | 0.0003 0.0000 (0.0013) 0.0116 0.0092 \$0.0697 | | per therm |
| Residential Heating Rates - R-3, R-4 Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Cost Allowance Adjustment Factor Rate Case Expense Factor (RCEF) Residential Low Income Assistance Program (RLIAP) LDAC | \$0.0498 0.0000 0.0000 0.0003 | \$0.0498 0.0003 (0.0013) 0.0116 0.0092 \$0.0697 | | per therm |
| Commercial/Industrial Low Annual Use Rates - G-41, G-51 Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Cost Allowance Adjustment Factor Gas Restructuring Expense Factor (GREF) Rate Case Expense Factor (RCEF) Residential Low Income Assistance Program (RLIAP) LDAC | \$0.0298 0.0000 0.0000 0.0003 | \$0.0298 0.0003 (0.0013) 0.0000 0.0116 0.0092 \$0.0497 | \$0.0298 0.0003 0.0023 0.0010 0.0116 0.0092 \$0.0532 | per therm |
| Commercial/Industrial Medium Annual Use Rates - G-42, G-52 Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Cost Allowance Adjustment Factor Gas Restructuring Expense Factor (GREF) Rate Case Expense Factor (RCEF) Residential Low Income Assistance Program (RLIAP) LDAC | \$0.0298 0.0000 0.0000 0.0003 | \$0.0298 0.0003 (0.0013) 0.0000 0.0116 0.0092 \$0.0497 | \$0.0298 0.0003 0.0023 0.0000 0.0116 0.0092 \$0.0532 | per therm |
| Commercial/Industrial Large Annual Use Rates - G-43, G-53, G-54 Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Cost Allowance Adjustment Factor Gas Restructuring Expense Factor (GREF) Rate Case Expense Factor (RCEF) Residential Low Income Assistance Program (RLIAP) LDAC | \$0.0298 0.0000 0.0000 0.0003 | \$0.0298 0.0003 (0.0013) 0.0000 0.0116 0.0092 \$0.0497 | \$0.0298 0.0003 0.0023 0.0000 0.0116 <u>0.0092</u> \$0.0532 | per therm |

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III DELIVERY TERMS AND CONDITIONS

NHPUC NO. 6 – GAS NATIONAL GRID NH

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ATTACHMENT B

Schedule of Administrative Fees and Charges

Supplier Balancing Charge: \$0.22 per MMBtu of Daily Imbalance Volumes* I.

Capacity Mitigation Fee 15% of the Proceeds from the Marketing of II.

Capacity for Mitigation.

III.Peaking Demand Charge \$18.96 MMBTU of Peak MDQ.

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III DELIVERY TERMS AND CONDITIONS

NHPUC NO. 6 – GAS NATIONAL GRID NH

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ATTACHMENT C

CAPACITY ALLOCATORS

| Rate Class | | Pipeline | Storage | Peaking | Total |
|------------|-------------------------|----------|---------|---------|--------|
| | Low Annual /High Winter | | | | |
| G-41 | Use | 38.0% | 21.0% | 41.0% | 100.0% |
| | Low Annual /Low Winter | | | | |
| G-51 | Use | 52.0% | 16.0% | 32.0% | 100.0% |
| | Medium Annual / High | | | | |
| G-42 | Winter | 38.0% | 21.0% | 41.0% | 100.0% |
| | High Annual / Low | | | | |
| G-52 | Winter Use | 52.0% | 16.0% | 32.0% | 100.0% |
| | High Annual / High | | | | |
| G-43 | Winter | 38.0% | 21.0% | 41.0% | 100.0% |
| | High Annual / Load | | | | |
| G-53 | Factor < 90% | 52.0% | 16.0% | 32.0% | 100.0% |
| | High Annual / Load | | | | |
| G-54 | Factor < 90% | 52.0% | 16.0% | 32.0% | 100.0% |

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| 91 <u>Second Third Revised</u> | |
| 92 Third Fourth Revised | |
| 93 Original | |
| 94 Third Fourth Revised | |

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CHECK SHEET (Cont'd)

The title page and pages 1- inclusive of this tariff are effective as of the date shown on the individual tariff pages.

| <u>Page</u> | <u>Revision</u> |
|-------------|----------------------|
| 125 | Original |
| 126 | Original |
| 127 | Original |
| 128 | Original |
| 129 | Original |
| 130 | Original |
| 131 | Original |
| 132 | Original |
| 133 | Original |
| 134 | Original |
| 135 | Original |
| 136 | Original |
| 137 | Original |
| 138 | Original |
| 139 | Original |
| 140 | Original |
| 141 | Original |
| 142 | Original |
| 143 | Original |
| 144 | Original |
| 145 | Original |
| 146 | Original |
| 147 | Original |
| 148 | Original |
| 149 | Original |
| 150 | Original |
| 151 | Original |
| 152 | Original |
| 153 | Original |
| 154 | Original |
| 155 | Second Third Revised |
| 156 | Second Third Revised |
| | |

Issued: August 31, 2011 Effective: November 1, 2011 Issued: By_ Daniel G. Saad

<u>II RATE SCHEDULES</u> FIRM RATE SCHEDULES

| | | Winter | Period | | | Summer | Period | | |
|--|--|-------------------------------------|-------------------------------------|--|---------------------------|--------------------------------|-----------------|----|----------------------|
| | Delivery <u>Charge</u> | Cost of Gas Rate Page 87 | LDAC Page 94 | Total <u>Rate</u> | Delivery <u>Charge</u> | Cost of Gas Rate Page 87 | LDAC Page 94 | | Total <u>Rate</u> |
| Residential Non Heating - R-1 Customer Charge per Month per Meter All Therms | \$ 11.98 \$ 0.1583 \$ 0.1583 | \$ 0.7926 \$ 0.7990 | \$ 0.0697 \$ 0.0641 | \$ 11.98 \$ 1.0206 \$ 1.0214 | \$ 11.98 \$ 0.1583 | \$ 0.7581 | \$ 0.0693 | \$ | 11.98 0.9857 |
| Residential Heating - R-3 Customer Charge per Month per Meter Size of the first block | \$ 17.33 100 therms | | | \$ 17.33 | \$ 17.33 20 therms | | | \$ | 17.33 |
| Therms in the first block per month at | \$ 0.2741 \$ 0.2741 \$ 0.2265 | \$ 0.7926 \$ 0.7990 | \$ 0.0697 \$ 0.0641 | \$ 1.1364 \$ 1.1372 \$ 1.0888 | • | \$ 0.7581 | \$ 0.0693 | | 1.1015 1.0539 |
| All therms over the first block per month at | \$ 0.2265 \$ 0.2265 | \$ 0.7926 \$ 0.7990 | \$ 0.0697 \$ 0.0641 | \$ 1.0886 \$ 1.0896 | \$ 0.2265 | \$ 0.7581 | \$ 0.0693 | Ф | 1.0539 |
| Residential Heating - R-4 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at | \$ 6.93 100 therms \$ 0.1096 | \$ 0.7926 | \$ 0.0697 | \$ 6.93 \$ 0.9719 | \$ 6.93 20 therms | \$ 0.7581 | \$ 0.0603 | \$ | 6.93 0.9370 |
| All therms over the first block per month at | \$ 0.1096 \$ 0.0906 | \$ 0.7990 \$ 0.7926 | \$ 0.0641 \$ 0.0697 | \$ 0.9727 \$ 0.9529 | | \$ 0.7581 | • | · | 0.9370 |
| Commercial/Industrial - G-41 Customer Charge per Month per Meter | \$ 0.0906 \$ 40.77 | \$ 0.7990 | \$ 0.0641 | \$ 0.9537 \$ 40.77 | \$ 40.77 | | | \$ | 40.77 |
| Size of the first block Therms in the first block per month at | 100 therms \$ 0.3254 | \$ 0.7929 | \$ 0.0497 | \$ 1.1680 | 20 therms \$ 0.3254 | | \$ 0.0474 | \$ | 1.1348 |
| All therms over the first block per month at | \$ 0.3254 \$ 0.2116 \$ 0.2116 | \$ 0.8004 \$ 0.7929 \$ 0.8004 | \$ 0.0422 \$ 0.0497 \$ 0.0422 | \$ 1.1680 \$ 1.0542 \$ 1.0542 | \$ 0.2116 | \$ 0.7620 | \$ 0.0474 | \$ | 1.0210 |
| Commercial/Industrial - G-42 Customer Charge per Month per Meter | \$ 122.32 | • | Ψ 0.0 .== | \$ 122.32 | \$ 122.32 | | | \$ | 122.32 |
| Size of the first block Therms in the first block per month at | 1000 therms \$ 0.3041 | \$ 0.7929 | \$ 0.0497 | \$ 1.1467 | 400 therms \$ 0.3041 | \$ 0.7620 | \$ 0.0474 | \$ | 1.1135 |
| All therms over the first block per month at | \$ 0.3041 \$ 0.2009 \$ 0.2009 | \$ 0.8004 \$ 0.7929 \$ 0.8004 | \$ 0.0422 \$ 0.0497 \$ 0.0422 | \$ 1.1467 \$ 1.0435 \$ 1.0435 | \$ 0.2009 | \$ 0.7620 | \$ 0.0474 | \$ | 1.0103 |
| Commercial/Industrial - G-43 Customer Charge per Month per Meter All therms over the first block per month at | \$ 524.96 \$ 0.1867 \$ 0.1867 | \$ 0.7929 \$ 0.8004 | \$ 0.0497 \$ 0.0422 | \$ 524.96 \$ 1.0293 \$ 1.0293 | \$ 524.96 \$ 0.0854 | \$ 0.7620 | \$ 0.0474 | \$ | 524.96 0.8948 |
| Commercial/Industrial - G-51 Customer Charge per Month per Meter | \$ 40.77 | | | \$ 40.77 | \$ 40.77 | | | \$ | 40.77 |
| Size of the first block Therms in the first block per month at | 100 therms \$ 0.1741 | \$ 0.7911 | \$ 0.0497 | \$ 1.0149 | 100 therms \$ 0.1741 | \$ 0.7511 | \$ 0.0474 | \$ | 0.9726 |
| All therms over the first block per month at | | \$ 0.7956 \$ 0.7911 \$ 0.7956 | \$ 0.0422 \$ 0.0497 \$ 0.0422 | | \$ 0.1124 | \$ 0.7511 | \$ 0.0474 | \$ | 0.9109 |
| Commercial/Industrial - G-52 Customer Charge per Month per Meter Size of the first block | \$ 122.32 1000 therms | | | \$ 122.32 | \$ 122.32 1000 therm | • | | \$ | 122.32 |
| Therms in the first block per month at | \$ 0.1684 | \$ 0.7911 | \$ 0.0497 | | | \$ 0.7511 | \$ 0.0474 | \$ | 0.9222 |
| All therms over the first block per month at | \$ 0.1684 \$ 0.1143 \$ 0.1143 | \$ 0.7911 | \$ 0.0422 \$ 0.0497 \$ 0.0422 | \$ 0.9551 | \$ 0.0713 | \$ 0.7511 | \$ 0.0474 | \$ | 0.8698 |
| Commercial/Industrial - G-53 Customer Charge per Month per Meter All therms over the first block per month at | \$ 540.25 \$ 0.1202 \$ 0.1202 | \$ 0.7911 \$ 0.7956 | \$ 0.0497 \$ 0.0422 | \$ 540.25 \$ 0.9610 \$ 0.9580 | \$ 540.25 \$ 0.0575 | \$ 0.7511 | \$ 0.0474 | \$ | 540.25 0.8560 |
| Commercial/Industrial - G-54 Customer Charge per Month per Meter All therms over the first block per month at | | \$ 0.7911 \$ 0.7956 | | | \$ 540.25 \$ 0.0224 | \$ 0.7511 | \$ 0.0474 | \$ | 540.25 0.8209 |

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Proposed Fifth Fourth Revised Page 86 Superseding Fourth Third Revised Page 86

Anticipated Cost of Gas PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2011 THROUGH APRIL 30, 2012 PERIOD COVERED: SUMMER PERIOD, MAY 1, 2011 THROUGH OCTOBER 31, 2011

(REFER TO TEXT ON IN SECTION 16 COST OF GAS CLAUSE)

| (REFER TO TEXT ON IN SECTION 16 CO | OST OF GAS CLAUSE) | | | |
|--|------------------------------|----------------------------|-----------------------------|------------------------|
| (Col 1) ANTICIPATED DIRECT COST OF GAS | (Col 2) | (Col-3) | (Col 2) | (Col 3) |
| Purchased Gas: | | | | |
| Demand Costs: | ¢ 5010.001 | | \$ 11,669,833 | |
| | \$ 5,012,821 \$ 9,072,210 | | \$ 11,669,833 35,469,665 | |
| Supply Costs: | ♥ 9,072,210 | | 35,469,665 | |
| Storage Gas: | | | | |
| Demand, Capacity: | | | 1,247,501 | |
| Commodity Costs: | | | 8,822,497 | |
| • | | | | |
| Produced Gas: | 58,036 | | 381,653 | |
| | | | | |
| Hedged Contract Savings Hedge Underground Storage Contract (Savings)/Loss | 281,261 | | 2,091,917 | |
| Unadjusted Anticipated Cost of Gas | ; | \$ 14,424, 328 | | \$ 59,683,067 |
| Adjustments: | | | | |
| Prior Period (Over)/Under Recovery (as of October 1, 2010 May 1, 2011) | \$ (463,417) | | \$ 3,735,297 | |
| Interest | (9,617) | | 123,025 | |
| Prior Period Adjustments | | | -,- | |
| • | | | (1.417.570) | |
| Broker Revenues | - | | (1,417,572) | |
| Refunds from Suppliers | | | - | |
| Fuel Financing | | | 182,975 | |
| Transportation CGA Revenues | | | - | |
| Interruptible Sales Margin | | | - | |
| Capacity Release and Off System Sales Margin | | | (471,144) | |
| Hedging Costs | | | - | |
| Fixed Price Option Administrative Costs | | | 40,691 | |
| Total Adjustments | | (473,034) | | 2,193,271 |
| | | | | |
| Total Anticipated Direct Cost of Gas | ; | \$ 13, 951,29 4 | | \$ 61,876,339 |
| Anticipated Indirect Cost of Gas | | | | |
| Working Capital: | | | | |
| Total anticipated Direct Cost of Gas (05/01/2011 - 10/31/2011) (11/01/11 - 04/30/12) | \$ 14,424,328 | | \$ 59,683,067 | |
| Working Capital Rate | 0.0391 | | 0.0391 | |
| Prime Rate | 3.25% | | 3.25% | |
| Working Capital Percentage | 0.127% | | 0.127% | |
| - · · · · · · · · · · · · · · · · · · · | 18,332 | | \$ 75,850 | |
| Working Capital | 10,002 | | φ 75,650 | |
| Plus: Working Capital Reconciliation (Acct 142.20) (Acct 142.40) | (12,092) | | 8,916 | |
| Total Working Capital Allowance | | \$ 6, 2 40 | | \$ 84,766 |
| Bad Debt: | | Ψ 0,=.0 | | Ψ 01,100 |
| Fotal anticipated Direct Cost of Gas (05/01/2011 - 10/31/2011) (11/01/11 - 04/30/12) | ¢ 14.404.000 | | \$ 59,683,067 | |
| Less: Refunds | \$ 14,424,328 | | ф 59,005,007 | |
| | 6 240 | | 94766 | |
| Plus: Total Working Capital Plus: Prior Pariod (Over/Under Pagever) | 6,240 | | 84,766 | |
| Plus: Prior Period (Over)/Under Recovery | (463,417) | | 3,735,297 | |
| Subtotal | \$ 13,967,150 | | \$ 63,503,130 | |
| | | | | |
| Bad Debt Percentage | 2.50% | | <u>2.37%</u> | |
| Bad Debt Allowance | 349,179 | | \$ 1,505,024 | |
| Plus: Bad Debt Reconciliation (Acct 175.52) (Acct 175.54) | | | 36,020 | |
| | | | | |
| Total Bad Debt Allowance | | 349,179 | | 1,541,044 |
| | | | | |
| | | - | | 1,980,428 |
| Production and Storage Capacity | | | | |
| | \$ 13.170 | | \$ 13.170 | |
| Miscellaneous Overhead (05/01/2011 - 10/31/2011) (11/01/11 - 04/30/12) | \$ 13,170 19,796 | | \$ 13,170 82,647 | |
| Miscellaneous Overhead (05/01/2011 - 10/31/2011) (11/01/11 - 04/30/12) Times Summer Winter Sales | 19,796 | | 82,647 | |
| Miscellaneous Overhead (05/01/2011 - 10/31/2011) (11/01/11 - 04/30/12) | | | | |
| Miscellaneous Overhead (05/01/2011 - 10/31/2011) (11/01/11 - 04/30/12) Times Summer Winter Sales Divided by Total Sales | 19,796 | 0.507 | 82,647 | 40.00- |
| Miscellaneous Overhead (05/01/2011 - 10/31/2011) (11/01/11 - 04/30/12) Times Summer Winter Sales Divided by Total Sales Miscellaneous Overhead | 19,796 | 2,534 | 82,647 | 10,337 |
| Miscellaneous Overhead (05/01/2011 - 10/31/2011) (11/01/11 - 04/30/12) Times Summer Winter Sales Divided by Total Sales Miscellaneous Overhead | 19,796 | 2,534 \$ 357,952 | 82,647 | 10,337 \$ 3,616,575 |
| Miscellaneous Overhead (05/01/2011 - 10/31/2011) (11/01/11 - 04/30/12) Times Summer Winter Sales Divided by Total Sales Miscellaneous Overhead Total Anticipated Indirect Cost of Gas | 19,796 | \$ 357,952 | 82,647 | \$ 3,616,575 |
| Times Summer Winter Sales | 19,796 | | 82,647 | |

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Proposed Twenty-Eighth Twenty-Seventh Revised Page 87 Superseding Twenty-Seventh Twenty-Sixth Revised Page 87

CALCULATION OF FIRM SALES COST OF GAS RATE PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2011 THROUGH APRIL 30, 2012 PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2011 THROUGH APRIL 30, 2012 (Refer to Text in Section 16 Cost of Gas Clause)

| (| At III Sect | | | · · · · · · · · · · · · · · · · · · · | | | | | | |
|--|----------------|--|-------------------------|---|-----------|-------------------|------------|---|--|--|
| (Col 1) | | | | (Col 2) | (Col 3) | (| Col 2) | | (Col 3) | |
| | | | _ | ` | , , | | | | , | |
| Total Anticipated Direct Cost of Gas | | | \$ | 13,951,294 | | | 61,876,339 | | | |
| Projected Prorated Sales (05/01/11 - 10/31/2011) (11/01/11 - 04/30/12) | | | | 19,531,283 | | | 82,632,661 | | | ., |
| Direct Cost of Gas Rate | | | | | 0.7143 | | | \$ | 0.7488 | per therm |
| Demand Cost of Gas Rate | | | φ | E 010 001 | 0.2567 | r. | 10.017.005 | ф | 0.1560 | |
| Commodity Cost of Gas Rate | | | Φ | 5,012,821 | | | 12,917,335 | \$ | 0.1563 | |
| • | | | | 9,411,507 | 0.4819 | | 46,765,733 | \$ | 0.5659 | |
| Adjustment Cost of Gas Rate | | | | (473,034) | (0.0242) | | 2,193,271 | \$ | 0.0265 | |
| Total Direct Cost of Gas Rate | | | \$ | 13,951,294 | 0.7143 | \$ | 61,876,339 | \$ | 0.7488 | |
| | | | Ψ | 10,001,201 | 0.7 140 | Ψ | 01,070,000 | Ψ | 0.7400 | |
| Total Anticipated Indirect Cost of Gas | | | \$ | 357,952 | | \$ | 3,616,575 | | | |
| · | | | Ψ | , | | | | | | |
| Projected Prorated Sales (05/01/11 - 10/31/2011) (11/01/11 - 04/30/12) | | | | 19,531,283 | | | 82,632,661 | | | |
| Indirect Cost of Gas | | | | | \$ 0.0183 | | | \$ | 0.0438 | per therm |
| | | | | | | | | | | · |
| TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/11 | | | | | | | | \$ | 0.7926 | per Therm |
| TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/11 | | | | | \$ 0.7326 | | | | | |
| | | | | | | | | | | |
| RESIDENTIAL COST OF GAS RATE - 11/01/11 | | | | | | COGwr | | \$ | 0.7926 | /therm |
| | | | | | | | | | | |
| RESIDENTIAL COST OF GAS RATE - 05/01/11 | | | | | | COGsr | | \$ | 0.7326 | /therm |
| Change in rate due to change in under/over recovery | | | | | | | | \$ | 0.0103 | per therm |
| · · · · · · · · · · · · · · · · · · · | | | | | | COGsr | | \$ | 0.7429 | • |
| RESIDENTIAL COST OF GAS RATE - 06/01/2011 | | | | | | cousi | | | | |
| Change in rate due to change in under/over recovery | | | | | | | | \$ | 0.0183 | per therm |
| RESIDENTIAL COST OF GAS RATE - 07/01/2011 | | | | | | COGsr | | \$ | 0.7612 | /therm |
| | | | | | | 50. | | \$ | | |
| Change in rate due to change in under/over recovery | | | | | | | | т. | | per therm |
| RESIDENTIAL COST OF GAS RATE - 08/01/2011 | | | | | | COGsr | | \$ | 0.7884 | /therm |
| Change in rate due to change in under/over recovery | | | | _ | _ | _ | _ | \$ | (0.0303) | per therm |
| • | | | | | | 000 | | | | • |
| RESIDENTIAL COST OF GAS RATE - 09/01/2011 | | | | | | COGsr | | \$ | 0.7581 | /therm |
| | | | | | | | | | | |
| | | | | | Maximum | (COG + 2 | 25%) | \$ | 0.9158 | \$ 0.990 |
| | | | | | | | | | | |
| COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/11 | | | | | | COGwl | | \$ | 0.7911 | /thouse |
| COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/11 | | | | | | COGWI | | Þ | 0.7911 | /tnerm |
| | | | | | | | | | | |
| COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/11 | | | | | | COGsl | | \$ | 0.7256 | /therm |
| Change in rate due to change in under/over recovery | | | | | | | | \$ | 0.0103 | /therm |
| , | | | | | | | | • | | |
| COM/IND LOW WINTER USE COST OF GAS RATE - 06/01/2011 | | | | | | COGsl | | \$ | 0.7359 | /therm |
| Change in rate due to change in under/over recovery | | | | | | | | \$ | 0.0183 | /therm |
| COM/IND LOW WINTER USE COST OF GAS RATE - 07/01/2011 | | | | | | COGsl | | \$ | 0.7542 | /therm |
| | | | | | | 0003 | | | | |
| Change in rate due to change in under/over recovery | | | | | | | | \$ | 0.0272 | |
| COM/IND LOW WINTER USE COST OF GAS RATE - 08/01/2011 | | | | | | COGsl | | \$ | 0.7814 | /therm |
| Change in rate due to change in under/over recovery | | | | | | | | \$ | (0.0303) | /therm |
| COM/IND LOW WINTER USE COST OF GAS RATE - 09/01/2011 | | | | | | COGsl | | \$ | 0.7511 | /therm |
| OUMIND 1011 11111111111111111111111111111111 | | | | | | 0000. | | Ť | | 71.101111 |
| | | | | | | | | | | |
| Average Demand Cost of Gas Rate Effective 05/01/11 11/01/2011 | \$ | 0.1563 | \$ | 0.2567 | Maximum | (COG + 2 | 25%) | \$ | 0.9070 | \$ 0.988 |
| Times: Low Winter Use Ratio (Winter) | | 0.9895 | | 0.9641 | | | | | | |
| | | | | | | | | | | |
| Times: Correction Factor | | 1.0014 | | 1.0086 | | | | | | |
| Adjusted Demand Cost of Gas Rate | \$ | 0.1549 | \$ | 0.2496 | | | | | | |
| | | | | | | | | | | |
| Commodity Cost of Cos Poto | \$ | 0.5650 | ¢ | 0.4819 | | | | | | |
| Commodity Cost of Gas Rate | Ф | 0.5659 | • | | | | | | | |
| Adjustment Cost of Gas Rate | | | | | | | | | | |
| | | 0.0265 | | (0.0242) | | | | | | |
| Indirect Cost of Gas Rate | | 0.0438 | | (0.0242) 0.0183 | | | | | | |
| Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Hate | \$ | | \$ | (0.0242) | | | | | | |
| | \$ | 0.0438 | \$ | (0.0242) 0.0183 | | | | | | |
| Adjusted Com/Ind Low Winter Use Cost of Gas Hate | -\$ | 0.0438 | \$ | (0.0242) 0.0183 | | COGwh | | \$ | 0.7929 | /therm |
| Adjusted Com/Ind Low Winter Use Cost of Gas Hate | -\$ | 0.0438 | \$ | (0.0242) 0.0183 | | COGwh | | \$ | 0.7929 | /therm |
| Adjusted Com/Ind Low Winter Use Cost of Gas Hate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11 | \$ | 0.0438 | \$ | (0.0242) 0.0183 | | | | | | |
| Adjusted Com/Ind Low Winter Use Cost of Gas Hate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11 | \$ | 0.0438 | \$ | (0.0242) 0.0183 | | COGwh | | \$ | 0.7929 0.7365 | |
| Adjusted Com/Ind Low Winter Use Cost of Gas Hate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11 COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/11 | \$ | 0.0438 | \$ | (0.0242) 0.0183 | | | | | | /therm |
| Adjusted Com/Ind Low Winter Use Cost of Gas Hate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11 COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/11 Change in rate due to change in under/over recovery | \$ | 0.0438 | \$ | (0.0242) 0.0183 | | COGsh | | \$ | 0.7365 0.0103 | /therm /therm |
| Adjusted Com/Ind Low Winter Use Cost of Gas Hate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11 COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/11 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2011 | * | 0.0438 | \$ | (0.0242) 0.0183 | | | | \$ \$ | 0.7365 0.0103 0.7468 | /therm /therm /therm |
| Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11 COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/11 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2011 Change in rate due to change in under/over recovery | \$ | 0.0438 | \$ | (0.0242) 0.0183 | | COGsh | | \$ \$ \$ | 0.7365 0.0103 0.7468 0.0183 | Atherm Atherm Atherm Atherm |
| | \$ | 0.0438 | \$ | (0.0242) 0.0183 | | COGsh | | \$ \$ | 0.7365 0.0103 0.7468 | Atherm Atherm Atherm Atherm |
| Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11 COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/11 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2011 | * | 0.0438 | \$ | (0.0242) 0.0183 | | COGsh | | \$ \$ \$ | 0.7365 0.0103 0.7468 0.0183 0.7651 | /therm /therm /therm /therm /therm |
| Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11 COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/11 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2011 Change in rate due to change in under/over recovery | \$ | 0.0438 | \$ | (0.0242) 0.0183 | | COGsh COGsh | | \$ \$ \$ \$ | 0.7365 0.0103 0.7468 0.0183 0.7651 0.0272 | Atherm Atherm Atherm Atherm Atherm Atherm |
| Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11 COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/11 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2011 | \$ | 0.0438 | \$ | (0.0242) 0.0183 | | COGsh | | \$ \$ \$ \$ \$ \$ \$ \$ \$ | 0.7365 0.0103 0.7468 0.0183 0.7651 0.0272 0.7923 | Atherm Atherm Atherm Atherm Atherm Atherm Atherm Atherm Atherm |
| Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11 COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/11 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2011 | \$ | 0.0438 | \$ | (0.0242) 0.0183 | | COGsh COGsh | | \$ \$ \$ \$ | 0.7365 0.0103 0.7468 0.0183 0.7651 0.0272 | Atherm Atherm Atherm Atherm Atherm Atherm Atherm Atherm Atherm |
| Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11 COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/11 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2011 Change in rate due to change in under/over recovery | \$ | 0.0438 | \$ | (0.0242) 0.0183 | | COGsh COGsh COGsh | | \$ \$ \$ \$ \$ \$ \$ \$ \$ | 0.7365 0.0103 0.7468 0.0183 0.7651 0.0272 0.7923 (0.0303) | Atherm |
| Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11 COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/11 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2011 Change in rate due to change in under/over recovery | \$ | 0.0438 | \$ | (0.0242) 0.0183 | | COGsh COGsh | | * * * * * * * * | 0.7365 0.0103 0.7468 0.0183 0.7651 0.0272 0.7923 | Atherm |
| Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11 COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/11 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2011 | \$ | 0.0438 | \$ | (0.0242) | Maximum | COGsh COGsh COGsh | 25%) | * | 0.7365 0.0103 0.7468 0.0183 0.7651 0.0272 0.7923 (0.0303) 0.7620 | Atherm |
| Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11 COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/11 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2011 Average Demand Cost of Gas Rate Effective 05/04/4/1 11/01/2011 | \$ | 0.0438 | \$ | (0.0242) | Maximum | COGsh COGsh COGsh | 25%) | * * * * * * * * | 0.7365 0.0103 0.7468 0.0183 0.7651 0.0272 0.7923 (0.0303) 0.7620 | Atherm |
| Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11 COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/11 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2011 Average Demand Cost of Gas Rate Effective 05/01/41 11/01/2011 Times: High Winter Use Ratio (Winter) | \$ | 0.0438 0.7911 0.1563 1.0014 | \$ | (0.0242) 0.0183 0.7256 0.2567 1.0063 | Maximum | COGsh COGsh COGsh | 25%) | * | 0.7365 0.0103 0.7468 0.0183 0.7651 0.0272 0.7923 (0.0303) 0.7620 | Atherm |
| Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11 COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/11 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 09/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 09/01/2011 Average Demand Cost of Gas Rate Effective 05/01/11 11/01/2011 Times: High Winter Use Ratio (Winter) Times: Correction Factor | | 0.0438 0.7911 0.1563 1.0014 1.0014 | \$ | 0.9242) 0.0183 0.7256 0.2567 1.0063 1.0086 | Maximum | COGsh COGsh COGsh | 25%) | * | 0.7365 0.0103 0.7468 0.0183 0.7651 0.0272 0.7923 (0.0303) 0.7620 | Atherm |
| Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11 COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/11 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 09/01/2011 Average Demand Cost of Gas Rate Effective 05/01/41 11/01/2011 Times: High Winter Use Ratio (Winter) | \$ | 0.0438 0.7911 0.1563 1.0014 1.0014 | \$ | (0.0242) 0.0183 0.7256 0.2567 1.0063 | Maximum | COGsh COGsh COGsh | 25%) | * | 0.7365 0.0103 0.7468 0.0183 0.7651 0.0272 0.7923 (0.0303) 0.7620 | Atherm |
| Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11 COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/41 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2011 Average Demand Cost of Gas Rate Effective 05/01/41 11/01/2011 Times: High Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate | \$ | 0.1563 1.0014 1.0014 0.1567 | \$ | 0.2567 1.0063 1.0086 0.2605 | | COGsh COGsh COGsh | 25%) | * | 0.7365 0.0103 0.7468 0.0183 0.7651 0.0272 0.7923 (0.0303) 0.7620 | Atherm |
| Adjusted Com/ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11 COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/11 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2011 Average Demand Cost of Gas Rate Effective 05/01/41 11/01/2011 Times: High Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate | \$ | 0.1563 1.0014 1.0014 0.1567 | \$ \$ \$ \$ \$ \$ \$ \$ | 0.9242) 0.0183 0.7296 0.2567 1.0063 1.0086 0.2605 | Minimum | COGsh COGsh COGsh | 25%) | * | 0.7365 0.0103 0.7468 0.0183 0.7651 0.0272 0.7923 (0.0303) 0.7620 | Atherm |
| Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11 COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/41 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2011 Average Demand Cost of Gas Rate Effective 05/01/41 11/01/2011 Times: High Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate | \$ | 0.1563 1.0014 1.0014 0.1567 | \$ | 0.9242) 0.0183 0.7296 0.2567 1.0063 1.0086 0.2605 | | COGsh COGsh COGsh | 25%) | * | 0.7365 0.0103 0.7468 0.0183 0.7651 0.0272 0.7923 (0.0303) 0.7620 | Atherm |
| Adjusted Com/ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11 COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/11 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2011 Average Demand Cost of Gas Rate Effective 05/01/41 11/01/2011 Times: High Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate | \$ | 0.1563 1.0014 1.0014 0.1567 0.5659 0.0265 | \$ \$ \$ \$ \$ \$ \$ \$ | 0.9242) 0.0183 0.7296 0.2567 1.0063 1.0086 0.2605 | Minimum | COGsh COGsh COGsh | 25%) | * | 0.7365 0.0103 0.7468 0.0183 0.7651 0.0272 0.7923 (0.0303) 0.7620 | Atherm |
| Adjusted Com/ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11 Com/ind High Winter USE COST OF GAS RATE - 05/01/11 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2011 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2011 Average Demand Cost of Gas Rate Effective 05/01/41 11/01/2011 Times: High Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate | \$ \$ \$ | 0.0438 0.7911 0.1563 1.0014 1.0014 0.1567 0.5659 0.0265 | \$ \$ \$ | 0.2567 1.0063 1.0086 0.2605 0.4819 0.00242) | Minimum | COGsh COGsh COGsh | 25%) | * | 0.7365 0.0103 0.7468 0.0183 0.7651 0.0272 0.7923 (0.0303) 0.7620 | Atherm |

Issued: August 31, 2011 Effective: November 1, 2011

II. RATE SCHEDULES

CALCULATION OF FIXED WINTER PERIOD COST OF GAS RATE PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2011 THROUGH APRIL 30, 2012 PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2010 THROUGH APRIL 30, 2011 (Refer to Text in Section 17(A) Fixed Price Option Program)

| (Col 1) | (Col 2) | (Col 3) | (Col 2) | (Col 3) |
|---|--|--|---|--|
| Total Anticipated Direct Cost of Gas Projected Prorated Sales (11/01/2010 - 4/30/2011) (11/01/2011 - 4/30/2012) Direct Cost of Gas Rate | \$—65,369,088 ——83,071,582 | \$ 0.7869 | \$ 61,876,339 82,632,661 | \$ 0.7488 per therm |
| Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Total Direct Cost of Gas Rate | \$ 9,370,456 \$ 54,256,852 \$ 1,741,780 \$ 65,369,088 | \$ 0.1128 \$ 0.6531 \$ 0.0210 \$ 0.7869 | \$ 12,917,335 \$ 46,765,733 \$ 2,193,271 \$ 61,876,339 | \$ 0.1563 \$ 0.5659 \$ 0.0265 \$ 0.7488 |
| Total Anticipated Indirect Cost of Gas Projected Prorated Sales (11/01/2010 – 4/30/2011) (11/01/2011 - 4/30/2012) Indirect Cost of Gas | \$—2,914,492 —83,071,582 | \$ 0.0351 | \$ 3,616,575 82,632,661 | \$ 0.0438 per therm |
| TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE NOVEMBER 1, 2011-2010 FPO Risk Premium TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE NOVEMBER 1 | , 2011 -2010 | \$ 0.8220 \$ 0.0200 \$ 0.8420 | | \$ 0.7926 \$ 0.0200 \$ 0.8126 |
| RESIDENTIAL COST OF GAS RATE - 11/01/11 | | | COGwr | \$ 0.8126 /therm |
| RESIDENTIAL COST OF GAS RATE -11/01/2010 - | COGwr | \$ 0.8420 | /therm | |

| | | | | | | COGwl | \$ 0.8111 /therm |
|----|--|---|---|---|--|--|---|
| - | | COG | Wf | \$ | 0.8386 | /therm | |
| ¢ | 0 1128 | £ | 0.1563 | | | | |
| \$ | - | φ \$ | | | | | |
| \$ | 1.0063 | \$ | 1.0014 | | | | |
| \$ | 0.1094 | \$ | 0.1549 | | | | |
| \$ | 0.6531 | \$ | 0.5659 | | | | |
| \$ | 0.0210 | \$ | 0.0265 | | | | |
| \$ | 0.0351 | \$ | 0.0438 | | | | |
| \$ | 0.8186 | \$ | 0.7911 | | | | |
| \$ | 0.0200 0.8386 | \$ | 0.0200 0.8111 | | | | |
| | \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | \$ 0.1094 \$ 0.6531 \$ 0.0210 \$ 0.0351 \$ 0.8186 | \$ 0.1128 \$ 0.9641 \$ \$ 0.9641 \$ \$ 0.1094 \$ \$ 0.6531 \$ \$ 0.0210 \$ \$ 0.0351 \$ \$ 0.8186 \$ \$ | \$\\ \begin{array}{cccccccccccccccccccccccccccccccccccc | \$ 0.1128 \$ 0.1563 \$ 0.9641 \$ 0.9895 \$ 1.0063 \$ 1.0014 \$ 0.1094 \$ 0.1549 \$ 0.6531 \$ 0.5659 \$ 0.0210 \$ 0.0265 \$ 0.0351 \$ 0.0438 \$ 0.8186 \$ 0.7911 | \$ 0.1128 \$ 0.1563 \$ 0.9641 \$ 0.9895 \$ 1.0063 \$ 1.0014 \$ 0.1094 \$ 0.1549 \$ 0.6531 \$ 0.5659 \$ 0.0210 \$ 0.0265 \$ 0.0351 \$ 0.0438 \$ 0.8186 \$ 0.7911 | COGWr \$ 0.8386 / therm \$ 0.1128 \$ 0.1563 \$ 0.9895 \$ 0.9641 \$ 0.9895 \$ 1.0014 \$ 0.1549 \$ 0.1094 \$ 0.1549 \$ 0.6531 \$ 0.5659 \$ 0.0210 \$ 0.0265 \$ 0.0351 \$ 0.0438 \$ 0.8186 \$ 0.7911 |

| COM/IND HIGH WINTER USE COST OF GAS RATE -11/01/11 | | | | | | COGwh | \$ 0.8129 /therm |
|--|----|--------|-----|--------|--------------|-------------------|------------------|
| COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/2010 | - | | COG | Wf | \$ 0.8434 | /therm | |
| Average Cost of Gas Rate Effective 11/01/2010 11/01/2011 | ¢ | 0.1128 | \$ | 0.1563 | | | |
| Times: High Winter Use Ratio (Winter) | \$ | 1.0063 | \$ | 1.0014 | | | |
| Times: Correction Factor | \$ | 1.0063 | \$ | 1.0014 | | | |
| Adjusted Demand Cost of Gas Rate | \$ | 0.1142 | \$ | 0.1567 | | | |
| Commodity Cost of Gas Rate | \$ | 0.6531 | \$ | 0.5659 | | | |
| Adjustment Cost of Gas Rate | \$ | 0.0210 | \$ | 0.0265 | | | |
| Indirect Cost of Gas Rate | \$ | 0.0351 | \$ | 0.0438 | | | |
| Adjusted Com/Ind Low Winter Use Cost of Gas Rate | \$ | 0.8234 | \$ | 0.7929 | | | |
| FPO Risk Premium | \$ | 0.0200 | \$ | 0.0200 | | | |
| | \$ | 0.8434 | \$ | 0.8129 | | | |

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II. RATE SCHEDULES

Calculation of Firm Transportation Cost of Gas Rate
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2011 THROUGH APRIL 30, 2012 PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2010 THROUGH APRIL 30, 2011 (Refer to text in Section16(Q) Firm Transportation Cost of Gas Clause)

| (Col 1) | (Col 2) | (Col 3) | (Col 4) | (Col 2) | (Col 3) | (Col 4) | |
|--|---|---|---------------------|---|---------------------------------|-----------|----|
| ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES: | | | | | | | |
| PROPANE | \$ 824,271 | | | \$ - | | | |
| LNG | <u>\$ 431,227</u> | | | 381,653 | | | |
| TOTAL ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES ESTIMATED PERCENTAGE USED FOR PRESSURE SUPPORT PURPOSES ESTIMATED COST OF LIQUIDS USED FOR PRESSURE SUPPORT PURPOSES | <u>1,255,498</u> <u>12.4%</u> <u>\$ 155,682</u> | | | 381,653 <u>9.9%</u> \$ 37,784 | | | |
| PROJECTED FIRM THROUGHPUT (THERMS): FIRM SALES FIRM TRANSPORTATION SUBJECT TO FTCG TOTAL FIRM THROUGHPUT SUBJECT TO COST OF GAS CHARGE | -83,088,481 -34,607,498 -117,695,979 | 70.6% 29.4% 100.0% | | 82,647,332 36,930,101 119,577,433 | 69.1% <u>30.9%</u> 100.0% | | |
| TRANSPORTATION SHARE OF SUPPLEMENTAL GAS SUPPLIES | 29.4% | 155,682 = 9 | \$ 45,777 | 30.9% x \$ | 37,784 = | \$ 11,669 | 9 |
| PRIOR (OVER) OR UNDER COLLECTION | | = | (13,665) | | | (10,838 | 3) |
| NET AMOUNT TO COLLECT FROM (RETURNED TO) TRANSPORTATION CUSTO | MERS | Ę | \$ 32,112 | | | \$ 83 | 1 |
| PROJECTED FIRM TRANSPORTATION THROUGHPUT | | - | 34,607,498 | | | 36,930,10 | 1 |
| FIRM TRANSPORTATION COST OF GAS ADJUSTMENT | | | \$0.0009 | | | \$0.0000 |) |

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Environmental Surcharge - Manufactured Gas Plants

Manfactured Gas Plants

Required annual increase in rates \$9 \$56,582

Estimated weather normalized firm therms billed for the twelve months ended 10/31/11 $\frac{10/31/10}{10}$ - sales and

transportation <u>-158,020,633</u> 163,588,592 therms

Surcharge per therm \$0.0000 per therm

Total Environmental Surcharge \$0.0000 \$0.0003

Issued: August 31, 2011 Effective: November 1, 2011

Daniel G. Saad

Rate Case Expense/Temporary Rate Reconciliation (RDE) Factor Calculation

Rate Case Expense Factors for Resdential Customers

| \$ | 1,112,811 | \$ | <u>_</u> |
|----|-------------|--|---|
| \$ | | | 950,274 (7,776) |
| | , | | (7,770) 13,593.0) |
| _ | (140,000) | | 10,000.07 |
| \$ | 2,091,860 | \$ | 798,905 |
| | 0.0052 | | |
| | 36,952,643 | | |
| | 192,154 | | |
| | 1,899,706 | | <u>-</u> |
| | 61,976,058 | 59 , | 287,373 |
| | 101,612,535 | 95 , | 361,249 |
| | | | |
| | 163,588,592 | - 154, | 648,622 |
| | | | |
| \$ | 0.0116 | \$ | 0.0052 |
| | \$ | \$ 1,130,418 (7,776) (143,593) \$ 2,091,860 0.0052 36,952,643 192,154 1,899,706 61,976,058 101,612,535 163,588,592 | \$ 1,130,418 |

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Local Distribution Adjustment Charge Calculation

| Code Distribution Adjustinos | it Gridige G | <u>aroulation</u> | | Sales Customers | Transporatation Customers | l |
|--|--|---------------------|------------------|--------------------|---------------------------|-----------|
| Residential Non Heating Rates - R-1 | | | | Customers | Customers | |
| Energy Efficiency Charge | \$0.0525 | | \$0.0498 | | | |
| Demand Side Management Charge | 0.0000 | | 0.0000 | | | |
| Conservation Charge (CCx) | | \$0.0525 | | \$0.0498 | | |
| Relief Holder and pond at Gas Street, Concord, NH | 0.0000 | | 0.0000 | | | |
| Manufactured Gas Plants Environmental Surcharge (ES) | 0.0000 | 0.0000 | 0.0003 | 0.0003 | | |
| Cost Allowance Adjustment Factor | | 0.0000 | | (0.0013) | | |
| Rate Case Expense Factor (RCEF) | | 0.0052 | | 0.0116 | | |
| Residential Low Income Assistance Program (RLIAP) | _ | 0.0116 | | 0.0092 | _ | |
| LDAC | | \$0.0693 | | \$0.0697 | | per therm |
| Residential Heating Rates - R-3, R-4 | | | | | | |
| Energy Efficiency Charge | \$0.0525 | | \$0.0498 | | | |
| Demand Side Management Charge | 0.0000 | | 0.0000 | | | |
| Conservation Charge (CCx) | | \$0.0525 | | \$0.0498 | | |
| Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants | 0.0000 | | 0.0000 | | | |
| Environmental Surcharge (ES) | 0.0000 | 0.0000 | 0.0003 | 0.0003 | | |
| Cost Allowance Adjustment Factor | | 0.0000 | | (0.0013) | | |
| Rate Case Expense Factor (RCEF) | | 0.0052 | | 0.0116 | | |
| Residential Low Income Assistance Program (RLIAP) | _ | 0.0116 | | 0.0092 | _ | |
| LDAC | | \$0.0693 | | \$0.0697 | | per therm |
| | | | | | | |
| Commercial/Industrial Low Annual Use Rates - G-4 | | | | | | |
| Energy Efficiency Charge | \$0.0306 | | \$0.0298 | | | |
| Demand Side Management Charge | 0.0000 | ФО 0000 | 0.0000 | Φο οσοο | ФО 0000 | |
| Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH | 0.0000 | \$0.0306 | 0.0000 | \$0.0298 | \$0.0298 | |
| Manufactured Gas Plants | 0.0000 | | 0.0003 | | | |
| Environmental Surcharge (ES) | 0.0000 | 0.0000 | 0.0000 | 0.0003 | 0.0003 | |
| Cost Allowance Adjustment Factor | | 0.0000 | | (0.0013) | 0.0023 | |
| Gas Restructuring Expense Factor (GREF) | | 0.0000 | | 0.0000 | 0.0000 | |
| Rate Case Expense Factor (RCEF) | | 0.0052 | | 0.0116 | 0.0116 | |
| Residential Low Income Assistance Program (RLIAP) LDAC | - | 0.0116 \$0.0474 | | 0.0092 | 0.0092 | nor thorm |
| LDAC | | \$0.0474 | | \$0.0497 | \$0.0532 | per therm |
| Commorcial/Industrial Medium Annual Lies Beton | C 40 C 50 | | | | | |
| Commercial/Industrial Medium Annual Use Rates - Genergy Efficiency Charge | \$0.0306 | | \$0.0298 | | | |
| Demand Side Management Charge | 0.0000 | | 0.0000 | | | |
| Conservation Charge (CCx) | | \$0.0306 | | \$0.0298 | \$0.0298 | |
| Relief Holder and pond at Gas Street, Concord, NH | 0.0000 | | 0.0000 | | | |
| Manufactured Gas Plants | 0.0000 | | 0.0003 | | | |
| Environmental Surcharge (ES) | | 0.0000 | | 0.0003 | 0.0003 | |
| Cost Allowance Adjustment Factor Gas Restructuring Expense Factor (GREF) | | 0.0000 0.0000 | | (0.0013) 0.0000 | 0.0023 0.0000 | |
| Rate Case Expense Factor (RCEF) | | 0.0052 | | 0.0000 | 0.0000 | |
| Residential Low Income Assistance Program (RLIAP) | | 0.0002 0.0116 | | 0.0092 | 0.0092 | |
| LDAC | - | \$0.0474 | | \$0.0497 | | per therm |
| | | | | | | |
| Commercial/Industrial Large Annual Use Rates - G- | | <u>54</u> | | | | |
| Energy Efficiency Charge | \$0.0306 | | \$0.0298 | | | |
| Demand Side Management Charge | <u>0.0000</u> | Φ0.0000 | 0.0000 | . фо осос | 40.0000 | |
| Conservation Charge (CCx) Poliof Holder and pond at Gas Street, Concord, NH | 0.0000 | \$0.0306 | 0.0000 | \$0.0298 | \$0.0298 | |
| Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants | 0.0000 0.0000 | | 0.0000 0.0003 | | | |
| Environmental Surcharge (ES) | 0.0000 | 0.0000 | 0.0003 | 0.0003 | 0.0003 | |
| Cost Allowance Adjustment Factor | | 0.0000 | | (0.0013) | | |
| Gas Restructuring Expense Factor (GREF) | | 0.0000 | | 0.0000 | 0.0000 | |
| Rate Case Expense Factor (RCEF) | | 0.0052 | | 0.0116 | 0.0116 | |
| Residential Low Income Assistance Program (RLIAP) | - | 0.0116 | | 0.0092 | 0.0092 | |
| LDAC | | \$0.0474 | | \$0.0497 | \$0.0532 | per therm |

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ATTACHMENT B

Schedule of Administrative Fees and Charges

I. Supplier Balancing Charge: \$0.11 \$0.22 per MMBtu of Daily Imbalance Volumes*

II. Capacity Mitigation Fee 15% of the Proceeds from the Marketing of

Capacity for Mitigation.

III. Peaking Demand Charge \$18.48 \$18.96 MMBTU of Peak MDQ.

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ATTACHMENT C

CAPACITY ALLOCATORS

| Rate Class | | Pipeline | Storage | Peaking | Total |
|------------|---------------------------------|----------------|----------------|------------------|--------|
| | | 38% | 21% | 4 1 % | |
| G-41 | Low Annual /High Winter Use | 38.0% | 21.0% | 41.0% | 100.0% |
| | | 50% | 17% | 33% | |
| G-51 | Low Annual /Low Winter Use | 52.0% | 16.0% | 32.0% | 100.0% |
| | | 38% | 21% | 4 1 % | |
| G-42 | Medium Annual / High Winter | 38.0% | 21.0% | 41.0% | 100.0% |
| | | 50% | 17% | 33% | |
| G-52 | High Annual / Low Winter Use | 52.0% | 16.0% | 32.0% | 100.0% |
| | | 38% | 21% | 4 1 % | |
| G-43 | High Annual / High Winter | 38.0% | 21.0% | 41.0% | 100.0% |
| | | 50% | 17% | 33% | |
| G-53 | High Annual / Load Factor < 90% | 52.0% | 16.0% | 32.0% | 100.0% |
| | | 50% | 17% | 33% | |
| G-54 | High Annual / Load Factor > 90% | 52.0% | 16.0% | 32.0% | 100.0% |

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