## ENERGYNORTH NATURAL GAS, INC

Calculation of the Projected Over or Under Collection of the
2015 Summer Cost of Gas Filing

DG 15-091
October 1, 2015

| Under/(Over) Collection as of 09/1/15 |  |  | \$ | 1,360,246 |
| :---: | :---: | :---: | :---: | :---: |
| Forecasted firm Residential therm sales 10/1/15-10/31/15 | 6,398,160 |  |  |  |
| Residential Cost of Gas Rate per therm | \$ | (0.3421) |  |  |
| Forecasted firm C\&I High Winter Use therm sales 10/1/15-10/31/15 |  | ,659.52 |  |  |
| C\&I- High Winter Use Cost of Gas Rate per therm | \$ | (0.3558) |  |  |
| Forecasted firm C\&I Low Winter therm sales 10/1/15-10/31/15 |  | ,908.07 |  |  |
| C\&I- Low Winter Use Cost of Gas Rate per therm | \$ | (0.3076) |  |  |
| Forecasted firm Residential therm sales 09/15 |  | 540,216 |  |  |
| Residential Cost of Gas Rate per therm | \$ | (0.3421) |  |  |
| Forecasted firm C\&I High Winter Use therm sales 09/15 |  | 232,960 |  |  |
| C\&I- High Winter Use Cost of Gas Rate per therm | \$ | (0.3558) |  |  |
| Forecasted firm C\&I Low Winter Use therm sales 09/15 |  | 185,495 |  |  |
| C\&I- Low Winter Use Cost of Gas Rate per therm | \$ | (0.3076) |  |  |
| Forecast recovered costs at current rate 09/1/15-10/31/15 |  |  |  | $(3,551,071)$ |
| Revised projected gas costs 09/1/15-10/31/15 |  |  | \$ | 2,533,140 |
| Estimated interest charged (credited) to customers 05/1/15-10/31/15 |  |  |  | $(27,405)$ |
| Projected under / (over) collection as of 10/31/15 (A) |  |  | \$ | 314,911 |


| Actual Gas Costs through 09/1/15 | $\$ 4,137,271$ |  |
| :--- | :--- | :--- |
| Revised projected gas costs $09 / 1 / 15-10 / 31 / 15$ | $\$$ | $2,533,140$ |
| Estimated total adjusted gas costs $05 / 1 / 15-10 / 31 / 15(\mathrm{~B})$ | $\$ \mathbf{\$ , 6 4 3 , 0 0 7}$ |  |

Under/ (over) collection as percent of total gas costs (A/B) $4.74 \%$

| Projected under / (over) collections as of 10/31/15 (A) | $\$$ |
| :--- | :---: |
| Forecasted firm therm sales 10/1/15-10/31/15 | 314,911 |
|  | $8,400,728$ |
| Change in rate used to reduce forecast under/(over) collection | 0.0375 |
|  | $\$$ |
| Current Cost of Gas Rate | $\$ .3421$ |
| Revised Cost of Gas Rate | $\$ .3796$ |
| Cap - Residential Cost of Gas Rate | $\$$ |

Revised as follows:
The revised projected gas costs include the May - October 2015 NYMEX settled strip prices as of September 21, 2015.

Compliance rates per New Hampshire Public Utilities Commission Order Number 25,781 dated April 27, 2015 in Docket DG 15-091 (April Order): The Company may adjust the approved residential cost of gas rate of $\$ 0.3073$ per therm upwards by no more than $25 \%$ or $\$ 0.0768$ per therm. The adjusted residential cost of gas rate shall not be more than $\$ 0.3841$ per therm pursuant to April Order.

ENERGYNORTH NATURAL GAS, INC.
Projected Over or Under Collection

| Without Rate Adjustment | $\begin{gathered} \text { Beginning } \\ \text { Under/(Over) } \end{gathered}$ | May-15 (Est/Act) |  | $\begin{gathered} \hline \text { Jun-15 } \\ \text { (Est/Act) } \end{gathered}$ |  | $\begin{gathered} \hline \text { Jul-15 } \\ \text { (Est/Act) } \end{gathered}$ |  | Aug-15 (Est/Act) |  | Sep-15(Estimate) |  | $\begin{gathered} \text { Oct-15 } \\ \text { (Estimate) } \end{gathered}$ |  | Total Off-Peak |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Demand |  | \$ | 373,615 | \$ | 364,499 | \$ | 373,291 | \$ | 309,760 | \$ | 355,291 | \$ | 355,291 | \$ | 2,131,748 |
| Total Commodity |  | \$ | 981,003 | \$ | 885,604 | \$ | 732,161 | \$ | 776,020 | \$ | 704,265 | \$ | 1,087,005 | \$ | 5,166,059 |
| Hedge Savings |  | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| Total Gas Costs |  | \$ | 1,354,618 | \$ | 1,250,103 | \$ | 1,105,452 | \$ | 1,085,780 | \$ | 1,059,556 | \$ | 1,442,297 | \$ | 7,297,807 |
| Adjustments and Indirect Costs |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Refunds \& Adjustments |  | \$ | 380,662 | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | 380,662 |
| It Margin |  |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Inventory Financing |  |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Transportation Revenue |  |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Broker Revenue |  |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Off System and Capacity Release |  |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Fixed Price Option Admin. |  |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Bad Debt Costs |  |  | 13,408 |  | 12,196 |  | 10,518 |  | 10,290 |  | 9,986 |  | 14,425 |  | 70,823 |
| Working Capital |  |  | 2,982 |  | 2,982 |  | 2,982 |  | 2,982 |  | 2,982 |  | 2,982 |  | 17,894 |
| Misc Overhead |  |  | 456 |  | 456 |  | 456 |  | 456 |  | 456 |  | 456 |  | 2,735 |
| Production \& Storage |  |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Total Indirect Costs |  | \$ | 397,508 | \$ | 15,634 | \$ | 13,956 | \$ | 13,728 | \$ | 13,424 | \$ | 17,863 | \$ | 472,113 |
| Interest |  | \$ | $(2,010)$ | \$ | $(5,161)$ | \$ | $(3,591)$ | \$ | $(2,769)$ | \$ | $(2,564)$ | \$ | $(10,996)$ | \$ | $(27,091)$ |
| Total Gas Costs plus Indirect Costs |  | \$ | 1,750,116 | \$ | 1,260,576 | \$ | 1,115,817 | \$ | 1,096,740 | \$ | 1,070,416 | \$ | 1,449,164 | \$ | 7,742,829 |
| Total Forecasted Sales Volumes Total Forecasted Collections | \$ (1,210,302) | \$ | $\begin{gathered} 1,535,732 \\ (473,573) \\ \hline \end{gathered}$ | \$ | $\begin{gathered} 3,943,092 \\ (1,278,040) \\ \hline \end{gathered}$ | \$ | $\begin{array}{r} 2,743,204 \\ (936,352) \\ \hline \end{array}$ | \$ | $\begin{gathered} 2,115,095 \\ (720,436) \\ \hline \end{gathered}$ | \$ | $\begin{gathered} 1,958,671 \\ (666,853) \\ \hline \end{gathered}$ |  | $\begin{gathered} 8,400,728 \\ (2,884,218) \\ \hline \end{gathered}$ | \$ | $\begin{gathered} 20,696,522 \\ (8,169,775) \\ \hline \end{gathered}$ |
| With Rate Adjustment |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Beginning Under/(Over) |  | May-15 <br> (Est/Act) |  | $\begin{gathered} \text { Jun-15 } \\ \text { (Est/Act) } \end{gathered}$ |  | Jul-15 <br> (Est/Act) |  | Aug-15 <br> (Est/Act) |  | Sep-15 (Estimate) |  | Oct-15 <br> (Estimate) |  | al Off-Peak |
| Total Demand |  | \$ | 373,615 | \$ | 364,499 | \$ | 373,291 | \$ | 309,760 | \$ | 355,291 | \$ | 355,291 | \$ | 2,131,748 |
| Total Commodity |  | \$ | 981,003 | \$ | 885,604 | \$ | 732,161 | \$ | 776,020 | \$ | 704,265 | \$ | 1,087,005 | \$ | 5,166,059 |
| Hedge Savings |  | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| Total Gas Costs |  | \$ | 1,354,618 | \$ | 1,250,103 | \$ | 1,105,452 | \$ | 1,085,780 | \$ | 1,059,556 | \$ | 1,442,297 | \$ | 7,297,807 |
| Adjustments and Indirect Costs |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Prior Period Adjustment |  | \$ | 380,662 | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |  | \$380,662 |
| It Margin |  |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Inventory Financing |  |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Transportation Revenue |  |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Broker Revenue |  |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Off System and Capacity Release |  |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Fixed Price Option Admin. |  |  | - |  | - |  | - |  | - |  | - |  | - |  |  |
| Bad Debt Costs |  |  | 13,408 |  | 12,196 |  | 10,518 |  | 10,290 |  | 9,986 |  | 14,425 |  | 70,823 |
| Working Capital |  |  | 2,982 |  | 2,982 |  | 2,982 |  | 2,982 |  | 2,982 |  | 2,982 |  | 17,894 |
| Misc Overhead |  |  | 456 |  | 456 |  | 456 |  | 456 |  | 456 |  | 456 |  | 2,735 |
| 'Production \& Storage |  |  | - |  | - |  | - |  | - |  | - |  | - |  | - |
| Total Indirect Costs |  | \$ | 397,508 | \$ | 15,634 | \$ | 13,956 | \$ | 13,728 | \$ | 13,424 | \$ | 17,863 | \$ | 472,113 |
| Interest |  | \$ | $(2,010)$ | \$ | $(5,161)$ | \$ | $(3,591)$ | \$ | $(2,769)$ | \$ | $(2,564)$ | \$ | $(10,996)$ | \$ | $(27,091)$ |
| Total Gas Costs plus Indirect Costs |  | \$ | 1,750,116 | \$ | 1,260,576 | \$ | 1,115,817 | \$ | 1,096,740 | \$ | 1,070,416 | \$ | 1,449,164 | \$ | 7,742,829 |
| Total Forecasted Sales Volumes |  |  | 1,535,732 |  | 3,943,092 |  | 2,743,204 |  | 2,115,095 |  | 1,958,671 |  | 8,400,728 |  | 20,696,522 |
| Total Forecasted Collections | \$ (1,210,302) | \$ | $(473,573)$ | \$ | $(1,278,040)$ | \$ | $(936,352)$ | \$ | $(720,436)$ | \$ | $(666,853)$ | \$ | $(3,199,245)$ | \$ | $(8,484,802)$ |

