ENERGYNORTH NATURAL GAS, INC.
Calculation of the Projected Over or Under Collection of the
2015 Summer Cost of Gas Filing

DG 15-091
August 1, 2015

| Under/(Over) Collection as of 07/1/15 |  |  | \$ | $(41,043)$ |
| :---: | :---: | :---: | :---: | :---: |
| Forecasted firm Residential therm sales 08/1/15-10/31/15 | 9,676,061 |  |  |  |
| Residential Cost of Gas Rate per therm | \$ | 0.3421) |  |  |
| Forecasted firm C\&I High Winter Use therm sales 08/1/15-10/31/15 |  | 261.88 |  |  |
| C\&l- High Winter Use Cost of Gas Rate per therm | \$ | 0.3558) |  |  |
| Forecasted firm C\&I Low Winter therm sales 08/1/15-10/31/15 |  | 775.42 |  |  |
| C\&I- Low Winter Use Cost of Gas Rate per therm | \$ | 0.3076) |  |  |
| Forecasted firm Residential therm sales 07/15 |  | 76,521 |  |  |
| Residential Cost of Gas Rate per therm | \$ | 0.3421) |  |  |
| Forecasted firm C\&I High Winter Use therm sales 07/15 |  | 31,560 |  |  |
| C\&I- High Winter Use Cost of Gas Rate per therm | \$ | $0.3558)$ |  |  |
| Forecasted firm C\&I Low Winter Use therm sales 07/15 |  | 302,734 |  |  |
| C\&I- Low Winter Use Cost of Gas Rate per therm | \$ | 0.3076) |  |  |
| Forecast recovered costs at current rate 07/1/15-10/31/15 |  |  |  | $(5,094,811)$ |
| Revised projected gas costs 07/1/15-10/31/15 |  |  | \$ | $5,236,411$ |
| Estimated interest charged (credited) to customers 05/1/15-10/31/15 |  |  |  | $(27,091)$ |
| Projected under / (over) collection as of 10/31/15 (A) |  |  | \$ | 73,466 |


| Actual Gas Costs through $07 / 1 / 15$ | $3,017,863$ |
| :--- | :---: |
| Revised projected gas costs $07 / 1 / 15-10 / 31 / 15$ | $\$ 8,236,411$ |
| Estimated total adjusted gas costs $05 / 1 / 15-10 / 31 / 15(B)$ | $\$ 8$ |

Under/ (over) collection as percent of total gas costs (A/B) 0.89\%

| Projected under / (over) collections as of 10/31/15 (A) | \$ | 73,466 |
| :---: | :---: | :---: |
| Forecasted firm therm sales 08/1/15-10/31/15 | 12,629,098 |  |
| Change in rate used to reduce forecast under/(over) collection | \$ | 0.0058 |
| Current Cost of Gas Rate | \$ | 0.3421 |
| Revised Cost of Gas Rate | \$ | 0.3479 |
| Cap - Residential Cost of Gas Rate | \$ | 0.3841 |

Revised as follows:
The revised projected gas costs include the May - October 2015 NYMEX settled strip prices as of July 16, 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 $\$ 0.0768$ per therm pursuant to April Order.

ENERGYNORTH NATURAL GAS, INC.
Projected Over or Under Collection

| Without Rate Adjustment | $\begin{gathered} \text { Beginning } \\ \text { Under/(Over) } \end{gathered}$ | $\begin{gathered} \hline \text { May-15 } \\ \text { (Est/Act) } \end{gathered}$ |  | $\begin{aligned} & \hline \text { Jun-15 } \\ & \text { (Est/Act) } \end{aligned}$ |  | $\begin{gathered} \text { Jul-15 } \\ \text { (Estimate) } \end{gathered}$ |  | $\begin{gathered} \text { Aug-15 } \\ \text { (Estimate) } \end{gathered}$ |  | $\begin{gathered} \text { Sep-15 } \\ \text { (Estimate) } \end{gathered}$ |  | $\begin{gathered} \text { Oct-15 } \\ \text { (Estimate) } \end{gathered}$ |  | Total Off-Peak |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Demand |  | \$ | 373,615 | \$ | 364,499 | \$ | 698,504 | \$ | 698,504 | \$ | 698,504 | \$ | 698,504 | \$ | 3,532,131 |
| Total Commodity |  | \$ | 981,003 | \$ | 885,604 | \$ | 404,704 | \$ | 383,680 | \$ | 369,457 | \$ | 1,220,028 | \$ | 4,244,476 |
| Hedge Savings |  | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| Total Gas Costs |  | \$ | 1,354,618 | \$ | 1,250,103 | \$ | 1,103,208 | \$ | 1,082,185 | \$ | 1,067,961 | \$ | 1,918,532 | \$ | 7,776,607 |
| 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 |  | 10,492 |  | 10,248 |  | 10,083 |  | 19,950 |  | 76,377 |
| 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 | \$ | 13,930 | \$ | 13,686 | \$ | 13,521 | \$ | 23,388 | \$ | 477,667 |
| Interest |  | \$ | $(2,212)$ | \$ | $(5,365)$ | \$ | $(2,974)$ | \$ | $(2,571)$ | \$ | $(2,766)$ | \$ | $(11,203)$ | \$ | $(27,091)$ |
| Total Gas Costs plus Indirect Costs |  | \$ | 1,749,914 | \$ | 1,260,372 | \$ | 1,114,164 | \$ | 1,093,300 | \$ | 1,078,716 | \$ | 1,930,717 | \$ | 8,227,183 |
| Total Forecasted Sales Volumes Total Forecasted Collections | \$ (1,210,302) | \$ | $\begin{gathered} 1,689,079 \\ (520,861) \end{gathered}$ | \$ | $\begin{gathered} 4,096,439 \\ (1,327,743) \\ \hline \end{gathered}$ | \$ | $\begin{gathered} 2,270,814 \\ (771,766) \end{gathered}$ | \$ | $\begin{gathered} 1,963,006 \\ (667,265) \end{gathered}$ | \$ | $\begin{gathered} 2,112,018 \\ (719,062) \end{gathered}$ |  | $\begin{gathered} 8,554,075 \\ (2,936,718) \end{gathered}$ | \$ | $\begin{gathered} 20,685,431 \\ (8,153,717) \end{gathered}$ |
| With Rate Adjustment |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Beginning Under/(Over) |  | May-15 <br> (Est/Act) |  | $\begin{gathered} \text { Jun-15 } \\ \text { (Est/Act) } \end{gathered}$ |  | Jul-15 <br> (Estimate) |  | Aug-15 (Estimate) |  | Sep-15 (Estimate) |  | Oct-15 <br> (Estimate) |  | al Off-Peak |
| Total Demand |  | \$ | 373,615 | \$ | 364,499 | \$ | 698,504 | \$ | 698,504 | \$ | 698,504 | \$ | 698,504 | \$ | 3,532,131 |
| Total Commodity |  | \$ | 981,003 | \$ | 885,604 | \$ | 404,704 | \$ | 383,680 | \$ | 369,457 | \$ | 1,220,028 | \$ | 4,244,476 |
| Hedge Savings |  | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| Total Gas Costs |  | \$ | 1,354,618 | \$ | 1,250,103 | \$ | 1,103,208 | \$ | 1,082,185 | \$ | 1,067,961 | \$ | 1,918,532 | \$ | 7,776,607 |
| 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 |  | 10,492 |  | 10,248 |  | 10,083 |  | 19,950 |  | 76,377 |
| 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 | \$ | 13,930 | \$ | 13,686 | \$ | 13,521 | \$ | 23,388 | \$ | 477,667 |
| Interest |  | \$ | $(2,212)$ | \$ | $(5,365)$ | \$ | $(2,974)$ | \$ | $(2,571)$ | \$ | $(2,766)$ | \$ | $(11,203)$ | \$ | $(27,091)$ |
| Total Gas Costs plus Indirect Costs |  | \$ | 1,749,914 | \$ | 1,260,372 | \$ | 1,114,164 | \$ | 1,093,300 | \$ | 1,078,716 | \$ | 1,930,717 | \$ | 8,227,183 |
| Total Forecasted Sales Volumes |  |  | 1,689,079 |  | 4,096,439 |  | 2,270,814 |  | 1,963,006 |  | 2,112,018 |  | 8,554,075 |  | 20,685,431 |
| Total Forecasted Collections | \$ (1,210,302) | \$ | $(520,861)$ | \$ | $(1,327,743)$ | \$ | $(771,766)$ | \$ | $(678,650)$ | \$ | $(731,312)$ | \$ | $(2,986,332)$ | \$ | $(8,226,966)$ |

