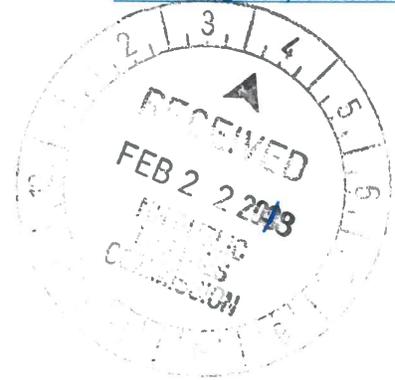




David B. Simek  
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February 22, 2018



**Via ERF and US Mail**

Debra A. Howland  
Executive Director  
New Hampshire Public Utilities Commission  
21 S. Fruit Street, Suite 10  
Concord, NH 03301-2429

**RE: DG 17-135 Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a/ Liberty Utilities  
2017/2018 Winter Period Cost of Gas – March 2018 Monthly COG Adjustment**

Dear Ms. Howland:

On behalf of Liberty Utilities (EnergyNorth Natural Gas) Corp. (the "Company") and in accordance with New Hampshire Public Utilities Commission (the "Commission") Order No. 26,066 (October 31, 2017) in Docket DG 17-135, I enclose for filing the Company's current (March) calculation of its projected over or under collection of gas costs for the 2017/2018 winter season ending April 30, 2018.

The calculation reflects the actual November 2017 through April 2018 NYMEX settled forward prices as of February 14, 2018. The resulting projected under collection of approximately \$6,302,908 is 11.7% of the total revised anticipated gas costs for the 2017/2018 winter season. The revised residential rate calculates to \$1.0318 per therm which would be a \$0.2255 per therm increase from the current residential rate of \$0.8056 per therm (the maximum allowable residential rate for the 2017/2018 winter season).

Liberty elects to keep the residential and Commercial/Industrial high winter use cost of gas rate at the maximum allowable rate and to increase the Commercial/Industrial low winter use cost of gas rate by \$0.0029 per therm to the maximum allowable rate of \$0.8200 per therm.

The current and revised cost of gas rates are summarized in the following table.

|                                       | <b>Cost of Gas Rates</b>   |                            |                      |
|---------------------------------------|----------------------------|----------------------------|----------------------|
|                                       | <b><u>Current Rate</u></b> | <b><u>Revised Rate</u></b> | <b><u>Change</u></b> |
| Residential                           | \$0.8056                   | \$0.8056                   | \$0.0000             |
| Commercial/Industrial High Winter Use | \$0.8041                   | \$0.8041                   | \$0.0000             |
| Commercial/Industrial Low Winter Use  | \$0.8171                   | \$0.8200                   | \$0.0029             |

One minor housekeeping change was made to include the towns of Pelham and Windham under the Service Area section on Page 7 of the Company's tariff. Order No. 25,987 (February 8, 2017) in Docket No. DG 15-362 allows the inclusion of Pelham and Windham to our Service Area. A clean version of Page 7 of the Company's tariff is included in this filing.

Please note this report has been filed via the Commission's Electronic Report Filing system.

Thank you for your attention to this matter. Please do not hesitate to call if you have any questions.

Sincerely,



David B. Simek

Enclosures

**Liberty Utilities (EnergyNorth Natural Gas) Corp.  
Peak 2017 - 2018 Winter Cost of Gas Filing**

**Filed Tariff Sheets**

Twenty-Sixth Revised Page 1  
Check Sheet

Twenty-Fourth Revised Page 3  
Check Sheet (Cont'd)

First Revised Page 7  
General Terms and Conditions

Twenty-Third Revised Page 74  
Firm Rate Schedules

Thirteenth Revised Page 74-A  
Firm Rate Schedules

Twenty-First Revised Page 77  
Calculation of Firm Sales Cost of Gas Rate

**CHECK SHEET**

The title page and pages 1-94 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

| <b><u>Page</u></b> | <b><u>Revision</u></b> |
|--------------------|------------------------|
| Title              | Original               |
| 1                  | Twenty-sixth Revised   |
| 2                  | Third Revised          |
| 3                  | Twenty-fourth Revised  |
| 4                  | First Revised          |
| 5                  | Original               |
| 6                  | Fifth Revised          |
| 7                  | First Revised          |
| 8                  | Original               |
| 9                  | First Revised          |
| 10                 | Third Revised          |
| 11                 | First Revised          |
| 12                 | First Revised          |
| 13                 | First Revised          |
| 14                 | Original               |
| 15                 | Original               |
| 16                 | Original               |
| 17                 | Original               |
| 18                 | Original               |
| 19                 | First Revised          |
| 20                 | Original               |
| 21                 | First Revised          |
| 22                 | Original               |
| 23                 | Original               |
| 24                 | Original               |
| 25                 | Original               |
| 26                 | Original               |
| 27                 | Original               |
| 28                 | First Revised          |
| 29                 | First Revised          |
| 30                 | First Revised          |

Issued: February 22, 2018  
Effective: March 01, 2018

Issued by: /s/ Susan L. Fleck  
Susan L. Fleck  
Title: President

**CHECK SHEET (Cont'd)**

The title page and pages 1-94 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

| <b><u>Page</u></b> | <b><u>Revision</u></b> |
|--------------------|------------------------|
| 61                 | Second Revised         |
| 62                 | Original               |
| 63                 | Second Revised         |
| 64                 | Original               |
| 65                 | Second Revised         |
| 66                 | Original               |
| 67                 | Second Revised         |
| 68                 | Original               |
| 69                 | Second Revised         |
| 70                 | Original               |
| 71                 | Second Revised         |
| 72                 | Original               |
| 73                 | Original               |
| 74                 | Twenty-third Revised   |
| 74-A               | Thirteenth Revised     |
| 75                 | Original               |
| 76                 | Fifth Revised          |
| 77                 | Twenty-first Revised   |
| 78                 | Third Revised          |
| 79                 | Third Revised          |
| 80                 | Third Revised          |
| 81                 | Third Revised          |
| 82                 | Fourth Revised         |
| 83                 | Original               |
| 84                 | Original               |
| 85                 | Original               |
| 86                 | Original               |
| 87                 | Original               |
| 88                 | Original               |
| 89                 | Original               |
| 90                 | Original               |
| 91                 | Original               |
| 92                 | Original               |
| 93                 | Original               |
| 94                 | Original               |

Issued: February 22, 2018  
Effective: March 01, 2018

Issued by: /s/ Susan L. Fleck  
Susan L. Fleck  
Title: President

## **I. GENERAL TERMS AND CONDITIONS**

### **1 - SERVICE AREA**

- 1(A) Service Area. The area authorized to be served by the Company and to which this tariff applies are the following cities and towns: Allenstown, Amherst, Auburn, Bedford, Belmont, Berlin, Boscawen, Bow, Concord, Derry, Franklin, Gilford, Goffstown, Hollis, Hooksett, Hudson, Laconia, Litchfield, Londonderry, Loudon, Manchester, Merrimack, Milford, Nashua, Northfield, Pelham, Pembroke, Sanbornton, Tilton and part of Canterbury, Windham and Winnesquam.

### **2 - GENERAL TERMS AND CONDITIONS**

- 2(A) Filing. A copy of this tariff is on file with the New Hampshire Public Utilities Commission and is open to inspection at the offices of the Company.
- 2(B) Revisions. This tariff may be revised, amended, supplemented, or otherwise changed from time to time in accordance with the rules of the New Hampshire Public Utilities Commission and such changes, when effective, shall have the same force as the original tariff.
- 2(C) Application. The tariff provisions apply to everyone lawfully receiving gas supply service and/or delivery-only service from the Company under the rates herein and receipt of gas service shall constitute the receiver a customer of the Company as the term is used herein whether service is based upon contract, agreement, accepted signed application, or otherwise.
- 2(D) Statement by Agents. No representative has the authority to modify a tariff rule or provision or to bind the Company by a promise or representation contrary thereto.
- 2(E) No Prejudice of Rights. The failure of the Company to enforce any of the terms of this tariff shall not be deemed a waiver of its right to do so.
- 2(F) Gratuities to Employees. The Company's employees are strictly forbidden to demand or accept any personal compensation or gifts for service rendered by them while working for the Company on the Company's time.
- 2(G) Advance Payments. Payments to the Company for charges provided in these rules and regulations to be borne by the customer shall be made in advance.
- 2(H) Assignment. Subject to the rules and regulations, all contracts by the Company shall be binding upon, and oblige, and continue for the benefit of, the successors and assigns, heirs, executors, and administrators of the parties hereto.

Issued: February 22, 2018  
Effective: February 8, 2017

Issued by: /s/ Susan L. Fleck  
Susan L. Fleck  
Title: President

**II RATE SCHEDULES**  
**FIRM RATE SCHEDULES**

|  | <u>Winter Period</u>   |                                 |                     |                   | <u>Summer Period</u>   |                                 |                     |                   |
|--|------------------------|---------------------------------|---------------------|-------------------|------------------------|---------------------------------|---------------------|-------------------|
|  | <u>Delivery Charge</u> | <u>Cost of Gas Rate Page 77</u> | <u>LDAC Page 82</u> | <u>Total Rate</u> | <u>Delivery Charge</u> | <u>Cost of Gas Rate Page 77</u> | <u>LDAC Page 82</u> | <u>Total Rate</u> |
| <b><u>Residential Non Heating - R-1</u></b>  |                        |                                 |                     |                   |                        |                                 |                     |                   |
| Customer Charge per Month per Meter          | \$ 16.88               |                                 |                     | \$ 16.88          | \$ 16.88               |                                 |                     | \$ 16.88          |
| All therms                                   | \$ 0.2231              | \$ 0.8056                       | \$ 0.0856           | \$ 1.1143         | \$ 0.2231              | \$ 0.3133                       | \$ 0.0856           | \$ 0.6220         |
| <b><u>Residential Heating - R-3</u></b>      |                        |                                 |                     |                   |                        |                                 |                     |                   |
| Customer Charge per Month per Meter          | \$24.43                |                                 |                     | \$ 24.43          | \$ 24.43               |                                 |                     | \$ 24.43          |
| Size of the first block                      | 100 therms             |                                 |                     |                   | 20 therms              |                                 |                     |                   |
| Therms in the first block per month at       | \$ 0.3863              | \$ 0.8056                       | \$ 0.0856           | \$ 1.2775         | \$ 0.3863              | \$ 0.3133                       | \$ 0.0856           | \$ 0.7852         |
| All therms over the first block per month at | \$ 0.3197              | \$ 0.8056                       | \$ 0.0856           | \$ 1.2109         | \$ 0.3197              | \$ 0.3133                       | \$ 0.0856           | \$ 0.7186         |
| <b><u>Residential Heating - R-4</u></b>      |                        |                                 |                     |                   |                        |                                 |                     |                   |
| Customer Charge per Month per Meter          | \$9.77                 |                                 |                     | \$ 9.77           | \$ 9.77                |                                 |                     | \$ 9.77           |
| Size of the first block                      | 100 therms             |                                 |                     |                   | 20 therms              |                                 |                     |                   |
| Therms in the first block per month at       | \$ 0.1545              | \$ 0.8056                       | \$ 0.0856           | \$ 1.0457         | \$ 0.1545              | \$ 0.3133                       | \$ 0.0856           | \$ 0.5534         |
| All therms over the first block per month at | \$ 0.1278              | \$ 0.8056                       | \$ 0.0856           | \$ 1.0190         | \$ 0.1278              | \$ 0.3133                       | \$ 0.0856           | \$ 0.5267         |
| <b><u>Commercial/Industrial - G-41</u></b>   |                        |                                 |                     |                   |                        |                                 |                     |                   |
| Customer Charge per Month per Meter          | \$53.45                |                                 |                     | \$ 53.45          | \$ 53.45               |                                 |                     | \$ 53.45          |
| Size of the first block                      | 100 therms             |                                 |                     |                   | 20 therms              |                                 |                     |                   |
| Therms in the first block per month at       | \$ 0.4383              | \$ 0.8041                       | \$ 0.0674           | \$ 1.3098         | \$ 0.4383              | \$ 0.3084                       | \$ 0.0674           | \$ 0.8141         |
| All therms over the first block per month at | \$ 0.2944              | \$ 0.8041                       | \$ 0.0674           | \$ 1.1659         | \$ 0.2944              | \$ 0.3084                       | \$ 0.0674           | \$ 0.6702         |
| <b><u>Commercial/Industrial - G-42</u></b>   |                        |                                 |                     |                   |                        |                                 |                     |                   |
| Customer Charge per Month per Meter          | \$160.36               |                                 |                     | \$ 160.36         | \$ 160.36              |                                 |                     | \$ 160.36         |
| Size of the first block                      | 1000 therms            |                                 |                     |                   | 400 therms             |                                 |                     |                   |
| Therms in the first block per month at       | \$ 0.3986              | \$ 0.8041                       | \$ 0.0674           | \$ 1.2701         | \$ 0.3986              | \$ 0.3084                       | \$ 0.0674           | \$ 0.7744         |
| All therms over the first block per month at | \$ 0.2655              | \$ 0.8041                       | \$ 0.0674           | \$ 1.1370         | \$ 0.2655              | \$ 0.3084                       | \$ 0.0674           | \$ 0.6413         |
| <b><u>Commercial/Industrial - G-43</u></b>   |                        |                                 |                     |                   |                        |                                 |                     |                   |
| Customer Charge per Month per Meter          | \$688.20               |                                 |                     | \$ 688.20         | \$ 688.20              |                                 |                     | \$ 688.20         |
| All therms over the first block per month at | \$ 0.2449              | \$ 0.8041                       | \$ 0.0674           | \$ 1.1164         | \$ 0.1120              | \$ 0.3084                       | \$ 0.0674           | \$ 0.4878         |
| <b><u>Commercial/Industrial - G-51</u></b>   |                        |                                 |                     |                   |                        |                                 |                     |                   |
| Customer Charge per Month per Meter          | \$53.45                |                                 |                     | \$ 53.45          | \$ 53.45               |                                 |                     | \$ 53.45          |
| Size of the first block                      | 100 therms             |                                 |                     |                   | 100 therms             |                                 |                     |                   |
| Therms in the first block per month at       | \$ 0.2642              | \$ 0.8200                       | \$ 0.0674           | \$ 1.1516         | \$ 0.2642              | \$ 0.3299                       | \$ 0.0674           | \$ 0.6615         |
| All therms over the first block per month at | \$ 0.1717              | \$ 0.8200                       | \$ 0.0674           | \$ 1.0591         | \$ 0.1717              | \$ 0.3299                       | \$ 0.0674           | \$ 0.5690         |
| <b><u>Commercial/Industrial - G-52</u></b>   |                        |                                 |                     |                   |                        |                                 |                     |                   |
| Customer Charge per Month per Meter          | \$160.36               |                                 |                     | \$ 160.36         | \$ 160.36              |                                 |                     | \$ 160.36         |
| Size of the first block                      | 1000 therms            |                                 |                     |                   | 1000 therms            |                                 |                     |                   |
| Therms in the first block per month at       | \$ 0.2268              | \$ 0.8200                       | \$ 0.0674           | \$ 1.1142         | \$ 0.1644              | \$ 0.3299                       | \$ 0.0674           | \$ 0.5617         |
| All therms over the first block per month at | \$ 0.1511              | \$ 0.8200                       | \$ 0.0674           | \$ 1.0385         | \$ 0.0934              | \$ 0.3299                       | \$ 0.0674           | \$ 0.4907         |
| <b><u>Commercial/Industrial - G-53</u></b>   |                        |                                 |                     |                   |                        |                                 |                     |                   |
| Customer Charge per Month per Meter          | \$708.24               |                                 |                     | \$ 708.24         | \$ 708.24              |                                 |                     | \$ 708.24         |
| All therms over the first block per month at | \$ 0.1585              | \$ 0.8200                       | \$ 0.0674           | \$ 1.0459         | \$ 0.0760              | \$ 0.3299                       | \$ 0.0674           | \$ 0.4733         |
| <b><u>Commercial/Industrial - G-54</u></b>   |                        |                                 |                     |                   |                        |                                 |                     |                   |
| Customer Charge per Month per Meter          | \$708.24               |                                 |                     | \$ 708.24         | \$ 708.24              |                                 |                     | \$ 708.24         |
| All therms over the first block per month at | \$ 0.0605              | \$ 0.8200                       | \$ 0.0674           | \$ 0.9479         | \$ 0.0328              | \$ 0.3299                       | \$ 0.0674           | \$ 0.4301         |

Issued: February 22, 2018  
Effective: March 01, 2018

Issued by: /s/ Susan L. Fleck  
Susan L. Fleck  
Title: President

**II RATE SCHEDULES**  
**FIRM RATE SCHEDULES**

|  | Winter Period   |                          |              |            | Summer Period   |                          |              |            |
|--|-----------------|--------------------------|--------------|------------|-----------------|--------------------------|--------------|------------|
|  | Delivery Charge | Cost of Gas Rate Page 77 | LDAC Page 82 | Total Rate | Delivery Charge | Cost of Gas Rate Page 77 | LDAC Page 82 | Total Rate |
| <b><u>Residential Non Heating - R-5</u></b>  |                 |                          |              |            |                 |                          |              |            |
| Customer Charge per Month per Meter          | \$21.94         |                          |              | \$ 21.94   | \$ 21.94        |                          |              | \$ 21.94   |
| All therms                                   | \$ 0.2900       | \$ 0.8056                | \$ 0.0856    | \$ 1.1812  | \$ 0.2900       | \$ 0.3133                | \$ 0.0856    | \$ 0.6889  |
| <b><u>Residential Heating - R-6</u></b>      |                 |                          |              |            |                 |                          |              |            |
| Customer Charge per Month per Meter          | \$31.76         |                          |              | \$ 31.76   | \$ 31.76        |                          |              | \$ 31.76   |
| Size of the first block                      | 100 therms      |                          |              |            | 20 therms       |                          |              |            |
| Therms in the first block per month at       | \$ 0.5022       | \$ 0.8056                | \$ 0.0856    | \$ 1.3934  | \$ 0.5022       | \$ 0.3133                | \$ 0.0856    | \$ 0.9011  |
| All therms over the first block per month at | \$ 0.4156       | \$ 0.8056                | \$ 0.0856    | \$ 1.3068  | \$ 0.4156       | \$ 0.3133                | \$ 0.0856    | \$ 0.8145  |
| <b><u>Residential Heating - R-7</u></b>      |                 |                          |              |            |                 |                          |              |            |
| Customer Charge per Month per Meter          | \$12.70         |                          |              | \$ 12.70   | \$ 12.70        |                          |              | \$ 12.70   |
| Size of the first block                      | 100 therms      |                          |              |            | 20 therms       |                          |              |            |
| Therms in the first block per month at       | \$ 0.2009       | \$ 0.8056                | \$ 0.0856    | \$ 1.0921  | \$ 0.2009       | \$ 0.3133                | \$ 0.0856    | \$ 0.5998  |
| All therms over the first block per month at | \$ 0.1661       | \$ 0.8056                | \$ 0.0856    | \$ 1.0573  | \$ 0.1661       | \$ 0.3133                | \$ 0.0856    | \$ 0.5650  |
| <b><u>Commercial/Industrial - G-44</u></b>   |                 |                          |              |            |                 |                          |              |            |
| Customer Charge per Month per Meter          | \$69.49         |                          |              | \$ 69.49   | \$ 69.49        |                          |              | \$ 69.49   |
| Size of the first block                      | 100 therms      |                          |              |            | 20 therms       |                          |              |            |
| Therms in the first block per month at       | \$ 0.5698       | \$ 0.8041                | \$ 0.0674    | \$ 1.4413  | \$ 0.5698       | \$ 0.3084                | \$ 0.0674    | \$ 0.9456  |
| All therms over the first block per month at | \$ 0.3827       | \$ 0.8041                | \$ 0.0674    | \$ 1.2542  | \$ 0.3827       | \$ 0.3084                | \$ 0.0674    | \$ 0.7585  |
| <b><u>Commercial/Industrial - G-45</u></b>   |                 |                          |              |            |                 |                          |              |            |
| Customer Charge per Month per Meter          | \$208.47        |                          |              | \$ 208.47  | \$ 208.47       |                          |              | \$ 208.47  |
| Size of the first block                      | 1000 therms     |                          |              |            | 400 therms      |                          |              |            |
| Therms in the first block per month at       | \$ 0.5182       | \$ 0.8041                | \$ 0.0674    | \$ 1.3897  | \$ 0.5182       | \$ 0.3084                | \$ 0.0674    | \$ 0.8940  |
| All therms over the first block per month at | \$ 0.3452       | \$ 0.8041                | \$ 0.0674    | \$ 1.2167  | \$ 0.3452       | \$ 0.3084                | \$ 0.0674    | \$ 0.7210  |
| <b><u>Commercial/Industrial - G-46</u></b>   |                 |                          |              |            |                 |                          |              |            |
| Customer Charge per Month per Meter          | \$894.66        |                          |              | \$ 894.66  | \$ 894.66       |                          |              | \$ 894.66  |
| All therms over the first block per month at | \$ 0.3184       | \$ 0.8041                | \$ 0.0674    | \$ 1.1899  | \$ 0.1456       | \$ 0.3084                | \$ 0.0674    | \$ 0.5214  |
| <b><u>Commercial/Industrial - G-55</u></b>   |                 |                          |              |            |                 |                          |              |            |
| Customer Charge per Month per Meter          | \$69.49         |                          |              | \$ 69.49   | \$ 69.49        |                          |              | \$ 69.49   |
| Size of the first block                      | 100 therms      |                          |              |            | 100 therms      |                          |              |            |
| Therms in the first block per month at       | \$ 0.3434       | \$ 0.8171                | \$ 0.0674    | \$ 1.2279  | \$ 0.3434       | \$ 0.3299                | \$ 0.0674    | \$ 0.7407  |
| All therms over the first block per month at | \$ 0.2232       | \$ 0.8171                | \$ 0.0674    | \$ 1.1077  | \$ 0.2232       | \$ 0.3299                | \$ 0.0674    | \$ 0.6205  |
| <b><u>Commercial/Industrial - G-56</u></b>   |                 |                          |              |            |                 |                          |              |            |
| Customer Charge per Month per Meter          | \$208.47        |                          |              | \$ 208.47  | \$ 208.47       |                          |              | \$ 208.47  |
| Size of the first block                      | 1000 therms     |                          |              |            | 1000 therms     |                          |              |            |
| Therms in the first block per month at       | \$ 0.2949       | \$ 0.8200                | \$ 0.0674    | \$ 1.1823  | \$ 0.2137       | \$ 0.3299                | \$ 0.0674    | \$ 0.6110  |
| All therms over the first block per month at | \$ 0.1964       | \$ 0.8200                | \$ 0.0674    | \$ 1.0838  | \$ 0.1214       | \$ 0.3299                | \$ 0.0674    | \$ 0.5187  |
| <b><u>Commercial/Industrial - G-57</u></b>   |                 |                          |              |            |                 |                          |              |            |
| Customer Charge per Month per Meter          | \$920.72        |                          |              | \$ 920.72  | \$ 920.72       |                          |              | \$ 920.72  |
| All therms over the first block per month at | \$ 0.2061       | \$ 0.8200                | \$ 0.0674    | \$ 1.0935  | \$ 0.0989       | \$ 0.3299                | \$ 0.0674    | \$ 0.4962  |
| <b><u>Commercial/Industrial - G-58</u></b>   |                 |                          |              |            |                 |                          |              |            |
| Customer Charge per Month per Meter          | \$920.72        |                          |              | \$ 920.72  | \$ 920.72       |                          |              | \$ 920.72  |
| All therms over the first block per month at | \$ 0.0786       | \$ 0.8200                | \$ 0.0674    | \$ 0.9660  | \$ 0.0427       | \$ 0.3299                | \$ 0.0674    | \$ 0.4400  |

Issued: February 22, 2018  
Effective: March 01, 2018

Issued by: /s/ Susan L. Fleck  
Susan L. Fleck  
Title: President

**CALCULATION OF FIRM SALES COST OF GAS RATE**  
**PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2017 THROUGH APRIL 30, 2018**  
**(Refer to Text in Section 16 Cost of Gas Clause)**

| (Col 1)  | (Col 2)            | (Col 3)                      |
|--|--------------------|------------------------------|
| Total Anticipated Direct Cost of Gas                       | \$ 52,643,890      |                              |
| Projected Prorated Sales (11/01/17 - 04/30/18)             | 84,893,215         |                              |
| <b>Direct Cost of Gas Rate</b>                             |                    | \$ 0.6201 per therm          |
| <b>Demand Cost of Gas Rate</b>                             | \$ 9,975,490       | \$ 0.1175 per therm          |
| <b>Commodity Cost of Gas Rate</b>                          | 47,840,693         | \$ 0.5635 per therm          |
| <b>Adjustment Cost of Gas Rate</b>                         | <u>(5,172,293)</u> | <u>\$ (0.0609) per therm</u> |
| <b>Total Direct Cost of Gas Rate</b>                       | \$ 52,643,890      | \$ 0.6201 per therm          |
| Total Anticipated Indirect Cost of Gas                     | \$ 2,071,790       |                              |
| Projected Prorated Sales (11/01/17 - 04/30/18)             | 84,893,215         |                              |
| <b>Indirect Cost of Gas</b>                                |                    | \$ 0.0244 per therm          |
| <b>TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/17</b> |                    | <b>\$ 0.6445 per therm</b>   |

|  |              |                         |
|--|--------------|-------------------------|
| <b>RESIDENTIAL COST OF GAS RATE - 11/01/17</b>             | <b>COGwr</b> | <b>\$ 0.6445 /therm</b> |
| <b>Change in rate due to change in under/over recovery</b> |              | <b>\$ 0.1611</b>        |
| <b>RESIDENTIAL COST OF GAS RATE - 02/01/18</b>             | <b>COGsr</b> | <b>\$ 0.8056 /therm</b> |

Maximum (COG + 25%) \$ 0.8056

|   |              |                         |
|---|--------------|-------------------------|
| <b>C&amp;I LOW WINTER USE COST OF GAS RATE - 11/01/17</b>   | <b>COGwl</b> | <b>\$ 0.6560 /therm</b> |
| <b>Change in rate due to change in under/over recovery</b>  |              | <b>\$ 0.1611</b>        |
| <b>C&amp;I LOW WINTER USE COST OF GAS RATE - 02/01/18</b>   | <b>COGsl</b> | <b>\$ 0.8171 /therm</b> |
| <b>Change in rate due to change in under/over recovery</b>  |              | <b>\$ 0.0029</b>        |
| <b>C&amp;I LOW WINTER USE COST OF GAS RATE - 03/01/2018</b> | <b>COGsl</b> | <b>\$ 0.8200 /therm</b> |

|  |               |                     |           |
|--|---------------|---------------------|-----------|
| Average Demand Cost of Gas Rate Effective 11/01/17 | \$ 0.1175     |                     |           |
| Times: Low Winter Use Ratio (Winter)               | 1.0892        | Maximum (COG + 25%) | \$ 0.8200 |
| Times: Correction Factor                           | <u>1.0077</u> |                     |           |
| Adjusted Demand Cost of Gas Rate                   | \$ 0.1290     |                     |           |
| Commodity Cost of Gas Rate                         | \$ 0.5635     |                     |           |
| Adjustment Cost of Gas Rate                        | \$ (0.0609)   |                     |           |
| Indirect Cost of Gas Rate                          | \$ 0.0244     |                     |           |
| Adjusted C&I Low Winter Use Cost of Gas Rate       | \$ 0.6560     |                     |           |

|  |              |                         |
|--|--------------|-------------------------|
| <b>C&amp;I HIGH WINTER USE COST OF GAS RATE - 11/01/17</b> | <b>COGwh</b> | <b>\$ 0.6433 /therm</b> |
| <b>Change in rate due to change in under/over recovery</b> |              | <b>\$ 0.1608</b>        |
| <b>C&amp;I HIGH WINTER USE COST OF GAS RATE - 02/01/18</b> | <b>COGsh</b> | <b>\$ 0.8041 /therm</b> |

|  |               |                     |           |
|--|---------------|---------------------|-----------|
| Average Demand Cost of Gas Rate Effective 11/01/17 | \$ 0.1175     |                     |           |
| Times: High Winter Use Ratio (Winter)              | 0.9820        | Maximum (COG + 25%) | \$ 0.8041 |
| Times: Correction Factor                           | <u>1.0077</u> |                     |           |
| Adjusted Demand Cost of Gas Rate                   | \$ 0.1163     |                     |           |
| Commodity Cost of Gas Rate                         | \$ 0.5635     |                     |           |
| Adjustment Cost of Gas Rate                        | \$ (0.0609)   |                     |           |
| Indirect Cost of Gas Rate                          | \$ 0.0244     |                     |           |
| Adjusted C&I High Winter Use Cost of Gas Rate      | \$ 0.6433     |                     |           |

Issued: February 22, 2018  
Effective: March 01, 2018

Issued by: /s/ Susan L. Fleck  
Susan L. Fleck  
Title: President

**ENERGYNORTH NATURAL GAS, INC.**

Calculation of the Projected Over or Under Collection of the  
2017 - 2018 Winter Cost of Gas Filing  
DG 17-135

March 1, 2018

|   |             |                     |
|---|-------------|---------------------|
| Under/(Over) Collection as of 2/1/18                                |             | \$ 9,467,376        |
| Forecasted firm Residential therm sales 3/1/18 - 4/30/18            | 17,577,295  |                     |
| Residential Cost of Gas Rate per therm                              | \$ (0.8056) |                     |
| Forecasted firm C&I High Winter Use therm sales 3/1/18 - 4/30/18    | 9,239,265   |                     |
| C&I- High Winter Use Cost of Gas Rate per therm                     | \$ (0.8041) |                     |
| Forecasted firm C&I Low Winter therm sales 3/1/18 - 4/30/18         | 1,044,423   |                     |
| C&I- Low Winter Use Cost of Gas Rate per therm                      | \$ (0.8200) |                     |
| Forecasted firm Residential therm sales 2/18                        | 12,293,522  |                     |
| Residential Cost of Gas Rate per therm                              | \$ (0.8056) |                     |
| Forecasted firm C&I High Winter Use therm sales 2/18                | 6,511,493   |                     |
| C&I- High Winter Use Cost of Gas Rate per therm                     | \$ (0.8041) |                     |
| Forecasted firm C&I Low Winter Use therm sales 2/18                 | 618,866     |                     |
| C&I- Low Winter Use Cost of Gas Rate per therm                      | \$ (0.8171) |                     |
| Forecast recovered costs at current rate 2/1/18 - 4/30/18           |             | (38,091,217)        |
| Estimated FPO Premium 2/1/18 - 4/30/18                              |             | 418,446             |
| Revised projected gas costs 2/1/18 - 4/30/18                        |             | 34,497,918          |
| Estimated interest charged (credited) to customers 2/1/18 - 4/30/18 |             | 10,385              |
| Projected under / (over) collection as of 4/30/18 (A)               |             | \$ <u>6,302,908</u> |

|  |                      |
|--|----------------------|
| Actual Gas Costs through 1/1/18                          | \$ 19,188,937        |
| Revised projected gas costs 1/1/18 - 4/30/18             | \$ <u>34,497,918</u> |
| Estimated total adjusted gas costs 11/1/17 - 4/30/18 (B) | \$ <u>53,697,239</u> |

|  |        |
|--|--------|
| Under/ (over) collection as percent of total gas costs (A/B) | 11.74% |
|--|--------|

|  |              |
|--|--------------|
| Projected under / (over) collections as of 4/30/18 (A)         | \$ 6,302,908 |
| Forecasted firm therm sales 3/1/17 - 4/30/18                   | 27,860,983   |
| Change in rate used to reduce forecast under/(over) collection | \$ 0.2262    |
| Current Cost of Gas Rate                                       | \$ 0.8056    |
| Revised Cost of Gas Rate                                       | \$ 1.0318    |
| Cap - Residential Cost of Gas Rate                             | \$ 0.8056    |

Revised as follows:

The revised projected gas costs include the November 2017 - April 2018 NYMEX settled strip prices as of February 14, 2018.

Compliance rates per New Hampshire Public Utilities Commission Order Number 26,066 dated October 31, 2017 in Docket DG 17-135: The Company may adjust the approved residential cost of gas rate of \$0.6445 per therm upwards by no more than 25% or \$0.1611 per therm. The adjusted residential cost of gas rate shall not be more than \$0.8056 per therm.

**ENERGYNORTH NATURAL GAS, INC.**

Projected Over or Under Collection

| <b>Without Rate Adjustment</b>             | Beginning Under/(Over) | Nov-17 (Actual) | Dec-17 (Actual) | Jan-18 (Actual) | Feb-18 (Estimate) | Mar-18 (Estimate) | Apr-18 (Estimate) | Total Peak    |
|--|------------------------|-----------------|-----------------|-----------------|-------------------|-------------------|-------------------|---------------|
| <b>Total Gas Costs</b>                     |                        | \$ 4,841,718    | \$ 13,237,823   | \$ 21,520,765   | \$ 19,892,054     | \$ 10,576,889     | \$ 3,001,516      | \$ 73,070,767 |
| <b>Adjustments and Indirect Costs</b>      |                        |                 |                 |                 |                   |                   |                   |               |
| Refunds & Adjustments                      |                        | \$ -            | \$ -            | \$ -            | \$ -              | \$ -              | \$ -              | \$ -          |
| COG Bad Debt                               |                        | 227,016         | -               | -               | -                 | -                 | -                 | 227,016       |
| Inventory Financing                        |                        | -               | -               | -               | -                 | -                 | -                 | -             |
| Transportation Revenue                     |                        | -               | -               | -               | (27,448)          | (24,636)          | (20,749)          | (72,833)      |
| Broker Revenue                             |                        | -               | -               | -               | (94,708)          | 3,254             | (155,421)         | (246,876)     |
| Off System and Capacity Release            |                        | -               | -               | -               | (337,728)         | (404,503)         | (380,450)         | (1,122,680)   |
| Fixed Price Option Admin.                  |                        | -               | -               | -               | 45,000            | -                 | -                 | 45,000        |
| Bad Debt Costs                             |                        | 54,136          | 146,632         | 239,703         | 573,004           | 486,518           | 335,381           | 1,835,375     |
| Working Capital                            |                        | 6,283           | 11,606          | 18,383          | 11,654            | 9,895             | 6,821             | 64,642        |
| Misc Overhead                              |                        | -               | -               | -               | 2,461             | 2,089             | 1,440             | 5,990         |
| Production & Storage                       |                        | 331,861         | 331,861         | 331,861         | 331,861           | 331,861           | 331,861           | 1,991,165     |
| <b>Total Indirect Costs</b>                |                        | \$ 619,296      | \$ 490,099      | \$ 589,947      | \$ 504,097        | \$ 404,479        | \$ 118,883        | \$ 2,726,800  |
| Interest                                   |                        | (1,028)         | 7,046           | 27,127          | (2,061)           | 8,306             | 4,141             | \$ 43,530     |
| <b>Total Gas Costs plus Indirect Costs</b> | \$ (116,026)           | 5,459,986       | 13,734,969      | 22,137,839      | 20,394,089        | 10,989,673        | 3,124,540         | \$ 75,725,070 |
| Total Forecasted Sales Volumes             |                        | 4,699,293       | 12,295,185      | 20,471,546      | 19,423,880        | 16,492,140        | 11,368,843        | 84,750,888    |
| Total Forecasted Collections               |                        | 7,439,085       | 7,036,281       | 17,274,026      | 15,478,442        | 13,151,538        | 9,042,791         | \$ 69,422,162 |
| <b>With Rate Adjustment</b>                | Beginning Under/(Over) | Nov-17 (Actual) | Dec-17 (Actual) | Jan-18 (Actual) | Feb-18 (Estimate) | Mar-18 (Estimate) | Apr-18 (Estimate) | Total Peak    |
| <b>Total Gas Costs</b>                     |                        | \$ 4,841,718    | \$ 13,237,823   | \$ 21,520,765   | \$ 19,892,054     | \$ 10,576,889     | \$ 3,001,516      | \$ 73,070,767 |
| <b>Adjustments and Indirect Costs</b>      |                        |                 |                 |                 |                   |                   |                   |               |
| Refunds & Adjustments                      |                        | \$ -            | \$ -            | \$ -            | \$ -              | \$ -              | \$ -              | \$ -          |
| COG Bad Debt                               |                        | 227,016         | -               | -               | -                 | -                 | -                 | 227,016       |
| Inventory Financing                        |                        | -               | -               | -               | -                 | -                 | -                 | -             |
| Transportation Revenue                     |                        | -               | -               | -               | (27,448)          | (24,636)          | (20,749)          | (72,833)      |
| Broker Revenue                             |                        | -               | -               | -               | (94,708)          | 3,254             | (155,421)         | (246,876)     |
| Off System and Capacity Release            |                        | -               | -               | -               | (337,728)         | (404,503)         | (380,450)         | (1,122,680)   |
| Fixed Price Option Admin.                  |                        | -               | -               | -               | 45,000            | -                 | -                 | 45,000        |
| Bad Debt Costs                             |                        | 54,136          | 146,632         | 239,703         | 573,004           | 486,518           | 335,381           | 1,835,375     |
| Working Capital                            |                        | 6,283           | 11,606          | 18,383          | 11,654            | 9,895             | 6,821             | 64,642        |
| Misc Overhead                              |                        | -               | -               | -               | 2,461             | 2,089             | 1,440             | 5,990         |
| Production & Storage                       |                        | 331,861         | 331,861         | 331,861         | 331,861           | 331,861           | 331,861           | 1,991,165     |
| <b>Total Indirect Costs</b>                |                        | \$ 619,296      | \$ 490,099      | \$ 589,947      | \$ 504,097        | \$ 404,479        | \$ 118,883        | \$ 2,726,800  |
| Interest                                   |                        | (1,028)         | 7,046           | 27,127          | (2,061)           | 8,306             | 359               | \$ 39,748     |
| <b>Total Gas Costs plus Indirect Costs</b> | \$ (116,026)           | 5,459,986       | 13,734,969      | 22,137,839      | 20,394,089        | 10,989,673        | 3,120,758         | \$ 75,721,288 |
| Total Forecasted Sales Volumes             |                        | 4,699,293       | 12,295,185      | 20,471,546      | 19,423,880        | 16,492,140        | 11,368,843        | 84,750,888    |
| Total Forecasted Collections               |                        | 7,439,085       | 7,036,281       | 17,274,026      | 15,478,442        | 16,880,389        | 11,613,066        | \$ 75,721,288 |