

Liberty Utilities (EnergyNorth Natural Gas) Corp.
d/b/a Liberty Utilities

Calculation of the Projected Over or Under Collection of the
 2021 Summer Cost of Gas Filing
 DG 20-141

October 1, 2021

| | | | |
|--|-------------|----|------------------|
| Under/(Over) Collection as of September 01, 2021 | | \$ | 4,552,473 |
| Forecasted firm Residential therm sales 10/01/21 - 10/31/21 | 4,434,419 | | |
| Residential Cost of Gas Rate per therm | \$ (0.3935) | | |
| Forecasted firm C&I High Winter Use therm sales 10/01/21 - 10/31/21 | 1,854,813 | | |
| C&I- High Winter Use Cost of Gas Rate per therm | \$ (0.3886) | | |
| Forecasted firm C&I Low Winter therm sales 10/01/21 - 10/31/21 | 804,571 | | |
| C&I- Low Winter Use Cost of Gas Rate per therm | \$ (0.3999) | | |
| Forecasted firm Residential therm sales 09/21 | 1,787,070 | | |
| Residential Cost of Gas Rate per therm | \$ (0.3935) | | |
| Forecasted firm C&I High Winter Use therm sales 09/21 | 765,755 | | |
| C&I- High Winter Use Cost of Gas Rate per therm | \$ (0.3886) | | |
| Forecasted firm C&I Low Winter Use therm sales 09/21 | 680,810 | | |
| C&I- Low Winter Use Cost of Gas Rate per therm | \$ (0.3999) | | |
| Forecast recovered costs at current rate 09/2021 | | | (4,060,513) |
| Estimated FPO Premium 09/01/21 - 10/31/21 | | | - |
| Revised projected gas costs 09/01/21 - 10/31/21 | | | 5,557,763 |
| Estimated interest charged (credited) to customers 09/01/21 - 10/31/21 | | | 8,347 |
| Projected under / (over) collection as of 09/31/2021 (A) | | \$ | <u>6,058,070</u> |

| | | |
|--|----|-------------------|
| Actual Gas Costs through 09/01/21 | \$ | 9,114,906 |
| Revised projected gas costs 09/01/2021 - 10/31/2021 | \$ | <u>5,557,763</u> |
| Estimated total adjusted gas costs 05/01/2021 - 10/31/2021 (B) | \$ | <u>14,681,016</u> |

| | |
|--|--------|
| Under/ (over) collection as percent of total gas costs (A/B) | 41.26% |
|--|--------|

| | | |
|--|----|-----------|
| Projected under / (over) collection as of 09/31/2021 (A) | \$ | 6,058,070 |
| Forecasted firm therm sales 10/01/2021-10/31/2021 | | 7,093,803 |
| Change in rate used to forecast under/(over) collection | \$ | 0.8540 |
| Calculated Cost of Gas Rate | \$ | 1.2475 |
| Current Cost of Gas Rate | \$ | 0.3935 |
| Revised Cost of Gas Rate | \$ | 0.3935 |
| Cap - Residential Cost of Gas Rate | \$ | 0.3935 |

Revised as follows:
 The revised projected gas costs include NYMEX settled strip prices as of September 21, 2021.

Compliance rates per New Hampshire Public Utilities Commission Order Number 26,419 dated October 30, 2020, in Docket DG 20-141. The Company may adjust the approved residential cost of gas rate of \$0.3148 per therm upwards by no more than 25% or \$0.0787 per therm. The adjusted residential cost of gas rate shall not be more than \$0.3935 per therm.

Liberty Utilities (EnergyNorth Natural Gas) Corp.
d/b/a Liberty Utilities
 Projected Over or Under Collection

| Without Rate Adjustment | Beginning Under/(Over) | May-21 (Actual) | Jun-21 (Actual) | Jul-21 (Actual) | Aug-21 (Actual) | Sep-21 (Estimate) | Oct-21 (Estimate) | Total Peak |
|-------------------------------------|------------------------|-----------------|-----------------|-----------------|-----------------|-------------------|-------------------|---------------|
| Total Gas Costs | | \$ 2,404,831 | \$ 2,010,424 | \$ 1,955,322 | \$ 2,316,225 | \$ 1,892,920 | \$ 3,588,439 | \$ 14,168,161 |
| Adjustments and Indirect Costs | | | | | | | | |
| Refunds & Adjustments | \$ | - | - | - | - | - | - | - |
| COG Bad Debt | | - | - | - | - | - | - | - |
| Return on Inventory per DG 17-048 | | - | - | - | - | - | - | - |
| Transportation Revenue | | - | - | - | - | - | - | - |
| Broker Revenue | | - | - | - | - | - | - | - |
| Off System and Capacity Release | | - | - | - | - | - | - | - |
| Fixed Price Option Admin. | | - | - | - | - | - | - | - |
| Bad Debt Costs | | 76,048 | 134,023 | 101,407 | 98,414 | 37,407 | 37,407 | 484,706 |
| Working Capital | | 3,838 | 4,560 | 3,922 | 4,156 | 363 | 363 | 17,202 |
| Misc Overhead | | - | - | - | - | - | - | - |
| Production & Storage | | 434 | 434 | 434 | 434 | 433 | 433 | 2,600 |
| Total Indirect Costs | | \$ 80,320 | \$ 139,017 | \$ 105,762 | \$ 103,003 | \$ 38,202 | \$ 38,202 | \$ 504,508 |
| Interest | | 2,031 | 4,617 | 6,916 | 9,984 | 2,303 | 6,044 | \$ 31,895 |
| Total Gas Costs plus Indirect Costs | \$ 74,818 | 2,487,182 | 2,154,059 | 2,068,001 | 2,429,213 | 1,933,425 | 3,632,685 | \$ 14,779,382 |
| Total Forecasted Sales Volumes | | 10,787,513 | 7,181,624 | 5,660,411 | 5,151,508 | 3,233,636 | 7,093,803 | 39,108,495 |
| Total Forecasted Collections | | 1,461,095 | 967,810 | 1,274,885 | 957,009 | 1,273,041 | 2,787,472 | \$ 8,721,312 |
| With Rate Adjustment | Beginning Under/(Over) | May-21 (Actual) | Jun-21 (Actual) | Jul-21 (Actual) | Aug-21 (Actual) | Sep-21 (Estimate) | Oct-21 (Estimate) | Total Peak |
| Total Gas Costs | | \$ 2,404,831 | \$ 2,010,424 | \$ 1,955,322 | \$ 2,316,225 | \$ 1,892,920 | \$ 3,588,439 | \$ 14,168,161 |
| Adjustments and Indirect Costs | | | | | | | | |
| Refunds & Adjustments | \$ | - | - | - | - | - | - | - |
| COG Bad Debt | | - | - | - | - | - | - | - |
| Inventory Financing | | - | - | - | - | - | - | - |
| Transportation Revenue | | - | - | - | - | - | - | - |
| Broker Revenue | | - | - | - | - | - | - | - |
| Off System and Capacity Release | | - | - | - | - | - | - | - |
| Fixed Price Option Admin. | | - | - | - | - | - | - | - |
| Bad Debt Costs | | 76,048 | 134,023 | 101,407 | 98,414 | 37,407 | 37,407 | 484,706 |
| Working Capital | | 3,838 | 4,560 | 3,922 | 4,156 | 363 | 363 | 17,202 |
| Misc Overhead | | - | - | - | - | - | - | - |
| Production & Storage | | 434 | 434 | 434 | 434 | 433 | 433 | 2,600 |
| Total Indirect Costs | | \$ 80,320 | \$ 139,017 | \$ 105,762 | \$ 103,003 | \$ 38,202 | \$ 38,202 | \$ 504,508 |
| Interest | | 2,031 | 4,617 | 6,916 | 9,984 | 2,303 | 5,705 | \$ 31,556 |
| Total Gas Costs plus Indirect Costs | \$ 74,818 | 2,487,182 | 2,154,059 | 2,068,001 | 2,429,213 | 1,933,425 | 3,632,346 | \$ 14,779,043 |
| Total Forecasted Sales Volumes | | 10,787,513 | 7,181,624 | 5,660,411 | 5,151,508 | 3,233,636 | 7,093,803 | 39,108,495 |
| Total Forecasted Collections | | 1,461,095 | 967,810 | 1,274,885 | 2,036,938 | 4,034,566 | 8,845,580 | \$ 18,620,874 |