

**NORTHERN UTILITIES, INC.**  
**NEW HAMPSHIRE DIVISION**  
**Calculation of the Projected Over or Under Collection of the**  
**Winter 2020-2021 Period Cost of Gas**  
**DG 20-154**  
**November 2020 Estimated**

|    |                                                                 |                 |                                                 |
|----|-----------------------------------------------------------------|-----------------|-------------------------------------------------|
| 1  | Under/(Over) collection as of 11/01/20                          | \$ 1,104,232    | Table 2, PG. 3, Line 93, October                |
| 2  |                                                                 |                 |                                                 |
| 3  | Forecasted firm therm sales 11/01/20 - 4/30/21                  |                 |                                                 |
| 4  | Residential heat & non heat                                     | 16,686,215      | Table 2, PG. 2, Line 2                          |
| 5  | HLF Classes                                                     | 2,277,711       | Table 2, PG. 2, Line 3                          |
| 6  | LLF Classes                                                     | 15,933,486      | Table 2, PG. 2, Line 4                          |
| 7  |                                                                 |                 |                                                 |
| 8  | Current recovery rate per therm                                 |                 |                                                 |
| 9  | Residential heat & non heat                                     | \$0.7315        | Table 2, PG. 1, Line 7                          |
| 10 | HLF classes                                                     | \$0.6465        | Table 2, PG. 1, Line 8                          |
| 11 | LLF classes                                                     | \$0.7437        | Table 2, PG. 1, Line 9                          |
| 12 |                                                                 |                 |                                                 |
| 13 | Total                                                           | \$ (25,528,240) | (LN 4 * Ln 9) + (LN 5 * LN 10) + (LN 6 * LN 11) |
| 14 |                                                                 |                 |                                                 |
| 15 | Forecasted recovered costs at current rates 11/01/20 - 04/30/21 | \$ (25,528,240) | LN 13                                           |
| 16 | Actual recovered costs                                          | \$ -            | Table 2, PG. 1, Line 14,                        |
| 17 | Estimated total recovered costs 11/01/20 - 04/30/21             | \$ (25,528,240) | LN 15 + LN 16                                   |
| 18 |                                                                 |                 |                                                 |
| 19 | Revised projected direct gas costs [1]                          | \$ 17,664,745   | Table 2, PG. 2, Line 62, Winter                 |
| 20 | Revised projected indirect gas costs [2]                        | \$ 1,078,371    | Table 2, PG. 4, Line 94, Winter                 |
| 21 | Revised total projected gas costs 11/01/2020 - 04/30/2021       | \$ 18,743,116   | LN 19 + LN 20                                   |
| 22 |                                                                 |                 |                                                 |
| 23 | Projected April 30, 2021 Winter Period Balance                  | \$ (5,680,892)  | LN 1 + LN 17 + LN 21                            |
| 24 |                                                                 |                 |                                                 |
| 25 | April 30, 2021 Target Balance [3]                               | \$ (5,447,209)  | Table 3, PG. 3, Line 92, April                  |
| 26 |                                                                 |                 |                                                 |
| 27 | Variance from Target Balance                                    | \$ (233,683)    | LN 23 - LN 25                                   |
| 28 |                                                                 |                 |                                                 |
| 29 | Total Projected Gas Costs                                       | \$ 18,743,116   | LN 21                                           |
| 30 |                                                                 |                 |                                                 |
| 31 | Under/(over) collection as percent of total gas costs           | -1.25%          | LN 27 / LN 29                                   |

NOTES

- [1] Reflects futures prices as of November 18, 2020  
[2] Includes: Working Capital Allowance, Bad Debt Allowance, Production and Storage Capacity, Miscellaneous Overhead and Interest  
[3] Updated in November 2020 to reflect actual account balance as of October 31, 2020 and latest NYMEX prices

**Northern Utilities**  
**NEW HAMPSHIRE (Over) / Undercollection Analysis, Balances and Interest Calculation**

| Sales Revenues                  | Oct-20 | Winter               |                      |                      |                      |                      |                      | Summer               |                      |                      |                      |                      |                      |
|---------------------------------|--------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                                 |        | (Forecast)<br>Nov-20 | (Forecast)<br>Dec-20 | (Forecast)<br>Jan-21 | (Forecast)<br>Feb-21 | (Forecast)<br>Mar-21 | (Forecast)<br>Apr-21 | (Forecast)<br>May-21 | (Forecast)<br>Jun-21 | (Forecast)<br>Jul-21 | (Forecast)<br>Aug-21 | (Forecast)<br>Sep-21 | (Forecast)<br>Oct-21 |
| Volumes                         |        |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Residential Heat & Non Heat     |        | 2,176,725            | 3,165,337            | 3,770,878            | 3,205,911            | 2,774,319            | 1,593,044            | 730,922              | 489,258              | 412,466              | 418,643              | 455,783              | 939,948              |
| Sales HLF Classes               |        | 297,129              | 432,077              | 514,735              | 437,615              | 378,702              | 217,455              | 405,473              | 271,412              | 228,812              | 232,239              | 252,842              | 521,430              |
| Sales LLF Classes               |        | 2,078,532            | 3,022,546            | 3,600,771            | 3,061,290            | 2,649,167            | 1,521,181            | 572,940              | 383,510              | 323,315              | 328,157              | 357,270              | 736,788              |
| Total                           |        | 4,552,386            | 6,619,959            | 7,886,383            | 6,704,817            | 5,802,188            | 3,331,679            | 1,709,335            | 1,144,180            | 964,593              | 979,040              | 1,065,895            | 2,198,166            |
| Rates                           |        |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Residential Heat & Non Heat CGA |        | \$ 0.7315            | \$ 0.7315            | \$ 0.7315            | \$ 0.7315            | \$ 0.7315            | \$ 0.7315            | \$ 0.4412            | \$ 0.4412            | \$ 0.4412            | \$ 0.4412            | \$ 0.4412            | \$ 0.4412            |
| Sales HLF Classes CGA           |        | \$ 0.6465            | \$ 0.6465            | \$ 0.6465            | \$ 0.6465            | \$ 0.6465            | \$ 0.6465            | \$ 0.3943            | \$ 0.3943            | \$ 0.3943            | \$ 0.3943            | \$ 0.3943            | \$ 0.3943            |
| Sales LLF Classes CGA           |        | \$ 0.7437            | \$ 0.7437            | \$ 0.7437            | \$ 0.7437            | \$ 0.7437            | \$ 0.7437            | \$ 0.4733            | \$ 0.4733            | \$ 0.4733            | \$ 0.4733            | \$ 0.4733            | \$ 0.4733            |
| Revenues                        |        |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Residential Heat & Non Heat     |        | \$ (1,592,275)       | \$ (2,315,444)       | \$ (2,758,397)       | \$ (2,345,124)       | \$ (2,029,414)       | \$ (1,165,312)       | \$ (322,483)         | \$ (215,861)         | \$ (181,980)         | \$ (184,705)         | \$ (201,091)         | \$ (414,705)         |
| Sales HLF Classes               |        | \$ (192,094)         | \$ (279,338)         | \$ (332,776)         | \$ (282,918)         | \$ (244,831)         | \$ (140,584)         | \$ (159,878)         | \$ (107,018)         | \$ (90,221)          | \$ (91,572)          | \$ (99,696)          | \$ (205,600)         |
| Sales LLF Classes               |        | \$ (1,545,804)       | \$ (2,247,867)       | \$ (2,677,893)       | \$ (2,276,681)       | \$ (1,970,186)       | \$ (1,131,302)       | \$ (271,173)         | \$ (181,515)         | \$ (153,025)         | \$ (155,317)         | \$ (169,096)         | \$ (348,722)         |
| Total Sales                     |        | \$ (3,330,172)       | \$ (4,842,649)       | \$ (5,769,066)       | \$ (4,904,724)       | \$ (4,244,431)       | \$ (2,437,198)       | \$ (753,533)         | \$ (504,394)         | \$ (425,226)         | \$ (431,594)         | \$ (469,883)         | \$ (969,027)         |

  

| Gas Costs and Credits                          | Oct-20 | Winter               |                      |                      |                      |                      |                      | Summer               |                      |                      |                      |                      |                      |
|------------------------------------------------|--------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                                                |        | (Forecast)<br>Nov-20 | (Forecast)<br>Dec-20 | (Forecast)<br>Jan-21 | (Forecast)<br>Feb-21 | (Forecast)<br>Mar-21 | (Forecast)<br>Apr-21 | (Forecast)<br>May-21 | (Forecast)<br>Jun-21 | (Forecast)<br>Jul-21 | (Forecast)<br>Aug-21 | (Forecast)<br>Sep-21 | (Forecast)<br>Oct-21 |
| Demand Costs (net of Capacity Assignment)      |        |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Pipeline                                       |        | \$ 446,263           | \$ 446,263           | \$ 457,604           | \$ 457,604           | \$ 457,604           | \$ 457,604           | \$ 457,604           | \$ 457,604           | \$ 457,604           | \$ 457,604           | \$ 457,604           | \$ 457,604           |
| Storage                                        |        | \$ 584,955           | \$ 584,955           | \$ 630,827           | \$ 630,827           | \$ 630,827           | \$ 630,827           | \$ 630,827           | \$ 630,827           | \$ 630,827           | \$ 630,827           | \$ 630,827           | \$ 630,827           |
| On-system Peaking                              |        | \$ 187,424           | \$ 187,424           | \$ 187,424           | \$ 187,424           | \$ 187,424           | \$ 94,049            | \$ 16,338            | \$ 16,338            | \$ 16,338            | \$ 16,338            | \$ 16,338            | \$ 16,338            |
| Off-System Peaking                             |        | \$ 317,658           | \$ 317,658           | \$ 317,658           | \$ 317,658           | \$ 317,658           | \$ 317,658           | \$ 317,658           | \$ 317,658           | \$ 317,658           | \$ 317,658           | \$ 317,658           | \$ 317,658           |
| Total Demand Costs                             |        | \$ 1,536,300         | \$ 1,536,300         | \$ 1,593,513         | \$ 1,593,513         | \$ 1,593,513         | \$ 1,500,139         | \$ 1,422,428         | \$ 1,422,428         | \$ 1,422,428         | \$ 1,422,428         | \$ 1,422,428         | \$ 1,422,428         |
| Asset Management and Capacity Release          |        |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| NUI PXP AMA Revenue                            |        |                      |                      |                      |                      |                      | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 |
| NUI AMA Revenue                                |        | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         |
| NUI Capacity Release                           |        |                      |                      |                      |                      |                      | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 |
| NUI AMA Rev & Cap. Release Subtotal            |        |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| NH PXP AMA Revenue                             |        | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 |
| NH AMA Revenue                                 |        | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         |
| NH Capacity Release                            |        |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| NH Total Asset Management and Capacity Release |        | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         |
| CNG Expenses                                   |        | \$ 9,972             | \$ 9,972             | \$ 9,972             | \$ 9,972             | \$ 9,972             | \$ 9,972             | \$ 9,972             | \$ 9,972             | \$ 9,972             | \$ 9,972             | \$ 9,972             | \$ 9,972             |
| Re-entry Rate & Conversion Rate Revenue        |        | \$ (1,000)           | \$ (1,000)           | \$ (1,000)           | \$ (1,000)           | \$ (1,000)           |                      | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 |
| Net Demand Costs                               |        | \$ 1,256,485         | \$ 1,256,485         | \$ 1,313,698         | \$ 1,313,698         | \$ 1,313,698         | \$ 1,221,323         | \$ 1,143,612         | \$ 1,143,612         | \$ 1,143,612         | \$ 1,143,612         | \$ 1,143,612         | \$ 1,143,612         |
| NUI Commodity Costs                            |        |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| NUI Total Pipeline Volumes                     |        | 930,912              | 987,962              | 987,962              | 893,407              | 1,057,807            | 918,117              | 499,328              | 337,173              | 291,023              | 294,102              | 320,183              | 619,360              |
| Pipeline Costs Modeled in Sendout™             |        | \$ 2,810,541         | \$ 3,690,647         | \$ 4,304,570         | \$ 3,827,533         | \$ 3,717,010         | \$ 2,576,253         | \$ 1,322,251         | \$ 886,662           | \$ 774,801           | \$ 782,079           | \$ 832,473           | \$ 1,619,126         |
| NYMEX Price Used for Forecast                  |        | \$ 2,9010            | \$ 3,2660            | \$ 3,3750            | \$ 3,3270            | \$ 3,1850            | \$ 2,8230            | \$ 2,2610            | \$ 2,2970            | \$ 2,3360            | \$ 2,3450            | \$ 2,3290            | \$ 2,3540            |
| NYMEX Price Used for Update                    |        | \$ 2,9960            | \$ 2,7120            | \$ 2,8380            | \$ 2,8180            | \$ 2,7670            | \$ 2,6800            | \$ 2,2610            | \$ 2,2970            | \$ 2,3360            | \$ 2,3450            | \$ 2,3290            | \$ 2,3540            |
| Increase/(Decrease) NYMEX Price                |        | \$ 0.10              | \$ (0.55)            | \$ (0.54)            | \$ (0.51)            | \$ (0.42)            | \$ (0.14)            | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 |
| Increase/(Decrease) in Pipeline Costs          |        | \$ 88,437            | \$ (547,331)         | \$ (530,536)         | \$ (454,744)         | \$ (442,163)         | \$ (131,291)         | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 |
| Updated Pipeline Costs                         |        | \$ 2,898,978         | \$ 3,143,317         | \$ 3,774,034         | \$ 3,372,789         | \$ 3,274,847         | \$ 2,444,962         | \$ 1,322,251         | \$ 886,662           | \$ 774,801           | \$ 782,079           | \$ 832,473           | \$ 1,619,126         |
| New Hampshire Allocated Percentage             |        | 39.54%               | 39.84%               | 40.15%               | 39.76%               | 39.18%               | 36.70%               | 34.56%               | 34.20%               | 33.37%               | 33.52%               | 33.54%               | 35.85%               |
| NH Updated Pipeline Costs                      |        | \$ 1,146,155         | \$ 1,252,260         | \$ 1,515,278         | \$ 1,341,021         | \$ 1,283,025         | \$ 897,181           | \$ 456,911           | \$ 303,234           | \$ 258,542           | \$ 262,123           | \$ 279,217           | \$ 580,479           |
| NH Peaking Volumes                             |        | 709                  | 10,058               | 96,948               | 14,113               | 726                  | 658                  | 643                  | 616                  | 621                  | 623                  | 604                  | 667                  |
| NH Peaking Costs Modeled in Sendout            |        | \$ 2,949             | \$ 46,198            | \$ 330,954           | \$ 78,771            | \$ 4,732             | \$ 4,422             | \$ 4,341             | \$ 4,130             | \$ 4,141             | \$ 4,153             | \$ 3,992             | \$ 4,396             |
| Change in NYMEX Price %                        |        |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Change in Peaking Costs                        |        | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 |
| NH Updated Peaking Costs                       |        | \$ 2,949             | \$ 46,198            | \$ 330,954           | \$ 78,771            | \$ 4,732             | \$ 4,422             | \$ 4,341             | \$ 4,130             | \$ 4,141             | \$ 4,153             | \$ 3,992             | \$ 4,396             |
| NH Commodity Costs                             |        |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Pipeline                                       |        | \$ 1,146,155         | \$ 1,252,260         | \$ 1,515,278         | \$ 1,341,021         | \$ 1,283,025         | \$ 897,181           | \$ 456,911           | \$ 303,234           | \$ 258,542           | \$ 262,123           | \$ 279,217           | \$ 580,479           |
| Storage                                        |        | \$ 169,346           | \$ 483,784           | \$ 553,959           | \$ 562,914           | \$ 315,143           | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 |
| Peaking                                        |        | \$ 2,949             | \$ 46,198            | \$ 330,954           | \$ 78,771            | \$ 4,732             | \$ 4,422             | \$ 4,341             | \$ 4,130             | \$ 4,141             | \$ 4,153             | \$ 3,992             | \$ 4,396             |
| Total Commodity Costs                          |        | \$ 1,318,451         | \$ 1,782,241         | \$ 2,400,191         | \$ 1,982,706         | \$ 1,602,900         | \$ 901,603           | \$ 461,252           | \$ 307,364           | \$ 262,684           | \$ 266,275           | \$ 283,209           | \$ 584,875           |
| Inventory Finance Charge                       |        | \$ 156               | \$ 245               | \$ 299               | \$ 252               | \$ 209               | \$ 104               | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 |
| Total Anticipated Direct Cost of Gas           |        | \$ 2,575,092         | \$ 3,038,971         | \$ 3,714,189         | \$ 3,296,657         | \$ 2,916,807         | \$ 2,123,030         | \$ 1,604,864         | \$ 1,450,976         | \$ 1,406,296         | \$ 1,409,888         | \$ 1,426,822         | \$ 1,728,487         |

**Northern Utilities**  
**NEW HAMPSHIRE (Over) / Undercollection Anal**

| <b>Sales Revenues</b>                                 |                        |                       |              |                        |
|-------------------------------------------------------|------------------------|-----------------------|--------------|------------------------|
| Volumes                                               | Winter                 | Summer                | Prior Period | Total                  |
| Residential Heat & Non Heat                           |                        |                       |              | 20,133,234             |
| Sales HLF Classes                                     |                        |                       |              | 4,189,921              |
| Sales LLF Classes                                     |                        |                       |              | 18,635,467             |
| <b>Total</b>                                          | <b>34,897,412</b>      | <b>8,061,210</b>      |              | <b>42,958,621</b>      |
| Rates                                                 |                        |                       |              |                        |
| Residential Heat & Non Heat CGA                       |                        |                       |              |                        |
| Sales HLF Classes CGA                                 |                        |                       |              |                        |
| Sales LLF Classes CGA                                 |                        |                       |              |                        |
| Revenues                                              |                        |                       |              |                        |
| Residential Heat & Non Heat                           |                        |                       |              | \$ (13,726,791)        |
| Sales HLF Classes                                     |                        |                       |              | \$ (2,226,524)         |
| Sales LLF Classes                                     |                        |                       |              | \$ (13,128,581)        |
| <b>Total Sales</b>                                    | <b>\$ (25,528,240)</b> | <b>\$ (3,553,657)</b> |              | <b>\$ (29,081,896)</b> |
| <b>Gas Costs and Credits</b>                          |                        |                       |              |                        |
|                                                       |                        |                       |              | Total                  |
| Demand Costs (net of Capacity Assignment)             |                        |                       |              |                        |
| Pipeline                                              | \$ 2,722,942           | \$ 2,745,625          |              | \$ 5,468,568           |
| Storage                                               | \$ 3,693,216           | \$ 3,784,960          |              | \$ 7,478,176           |
| On-system Peaking                                     | \$ 1,031,170           | \$ 98,030             |              | \$ 1,129,200           |
| Off-System Peaking                                    | \$ 1,905,950           | \$ 1,905,950          |              | \$ 3,811,900           |
| <b>Total Demand Costs</b>                             | <b>\$ 9,353,279</b>    | <b>\$ 8,534,565</b>   |              | <b>\$ 17,887,844</b>   |
| Asset Management and Capacity Release                 |                        |                       |              |                        |
| NUI PXP AMA Revenue                                   |                        |                       |              | \$ -                   |
| NUI AMA Revenue                                       |                        |                       |              | \$ (8,549,509)         |
| NUI Capacity Release                                  |                        |                       |              | \$ -                   |
| NUI AMA Rev & Cap. Release Subtotal                   |                        |                       |              | \$ -                   |
| NH PXP AMA Revenue                                    |                        |                       |              | \$ -                   |
| NH AMA Revenue                                        |                        |                       |              | \$ (3,465,449)         |
| NH Capacity Release                                   |                        |                       |              | \$ -                   |
| <b>NH Total Asset Management and Capacity Release</b> | <b>\$ (1,732,724)</b>  | <b>\$ (1,732,724)</b> |              | <b>\$ (3,465,449)</b>  |
| CNG Expenses                                          | \$ 59,833              | \$ 59,833             |              | \$ 119,666             |
| Re-entry Rate & Conversion Rate Revenue               | \$ (5,000)             | \$ -                  |              | \$ (5,000)             |
| <b>Net Demand Costs</b>                               | <b>\$ 7,675,387</b>    | <b>\$ 6,861,674</b>   |              | <b>\$ 14,537,061</b>   |
| NUI Commodity Costs                                   |                        |                       |              |                        |
| NUI Total Pipeline Volumes                            |                        |                       |              | 8,137,336              |
| Pipeline Costs Modeled in Sendout™                    |                        |                       |              | \$ 27,143,945          |
| NYMEX Price Used for Forecast                         |                        |                       |              |                        |
| NYMEX Price Used for Update                           |                        |                       |              |                        |
| Increase/(Decrease) NYMEX Price                       |                        |                       |              |                        |
| Increase/(Decrease) in Pipeline Costs                 |                        |                       |              |                        |
| Updated Pipeline Costs                                |                        |                       |              |                        |
| New Hampshire Allocated Percentage                    |                        |                       |              |                        |
| <b>NH Updated Pipeline Costs</b>                      |                        |                       |              | <b>\$ 9,575,425</b>    |
| NH Peaking Volumes                                    |                        |                       |              |                        |
| NH Peaking Costs Modeled in Sendout                   |                        |                       |              |                        |
| Change in NYMEX Price %                               |                        |                       |              |                        |
| Change in Peaking Costs                               |                        |                       |              |                        |
| <b>NH Updated Peaking Costs</b>                       |                        |                       |              | <b>\$ 490,229</b>      |
| NH Commodity Costs                                    |                        |                       |              |                        |
| Pipeline                                              |                        |                       |              | \$ 9,575,425           |
| Storage                                               |                        |                       |              | \$ 2,085,147           |
| Peaking                                               |                        |                       |              | \$ 493,178             |
| <b>Total Commodity Costs</b>                          | <b>\$ 9,988,092</b>    | <b>\$ 2,165,659</b>   |              | <b>\$ 12,153,750</b>   |
| Inventory Finance Charge                              |                        |                       |              | \$ 1,266               |
| <b>Total Anticipated Direct Cost of Gas</b>           | <b>\$ 17,664,745</b>   | <b>\$ 9,027,333</b>   |              | <b>\$ 26,692,077</b>   |

**Northern Utilities**  
**NEW HAMPSHIRE (Over) / Undercollection Analysis, Balances and Interest Calculation**

|                                                                        | Oct-20       | Winter               |                      |                      |                      |                      |                      | Summer               |                      |                      |                      |                      |                      |
|------------------------------------------------------------------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                                                                        |              | (Forecast)<br>Nov-20 | (Forecast)<br>Dec-20 | (Forecast)<br>Jan-21 | (Forecast)<br>Feb-21 | (Forecast)<br>Mar-21 | (Forecast)<br>Apr-21 | (Forecast)<br>May-21 | (Forecast)<br>Jun-21 | (Forecast)<br>Jul-21 | (Forecast)<br>Aug-21 | (Forecast)<br>Sep-21 | (Forecast)<br>Oct-21 |
| Working Capital                                                        |              |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Total Anticipated Direct Cost of Gas                                   |              | \$ 2,733,032         | \$ 3,196,910         | \$ 3,872,128         | \$ 3,454,596         | \$ 3,074,747         | \$ 2,280,970         | \$ 1,623,018         | \$ 1,469,130         | \$ 1,424,450         | \$ 1,428,041         | \$ 1,444,975         | \$ 1,746,641         |
| Working Capital Percentage                                             |              | 0.0892%              | 0.09%                | 0.09%                | 0.09%                | 0.09%                | 0.09%                | 0.09%                | 0.09%                | 0.09%                | 0.09%                | 0.09%                | 0.09%                |
| Working Capital Allowance                                              |              | \$ 2,438             | \$ 2,852             | \$ 3,454             | \$ 3,081             | \$ 2,743             | \$ 2,035             | \$ 1,448             | \$ 1,310             | \$ 1,271             | \$ 1,274             | \$ 1,289             | \$ 1,558             |
| Beginning Period Working Capital Balance                               |              | \$ (44,205)          | \$ (41,884)          | \$ (39,141)          | \$ (35,789)          | \$ (32,800)          | \$ (30,143)          | \$ (28,187)          | \$ (26,813)          | \$ (25,574)          | \$ (24,371)          | \$ (23,161)          | \$ (21,933)          |
| End of Period Working Capital Allowance                                |              | \$ (41,767)          | \$ (39,032)          | \$ (35,688)          | \$ (32,707)          | \$ (30,057)          | \$ (28,108)          | \$ (26,739)          | \$ (25,503)          | \$ (24,303)          | \$ (23,097)          | \$ (21,872)          | \$ (20,375)          |
| Interest                                                               |              | \$ (116)             | \$ (110)             | \$ (101)             | \$ (93)              | \$ (85)              | \$ (79)              | \$ (74)              | \$ (71)              | \$ (68)              | \$ (64)              | \$ (61)              | \$ (57)              |
| End of period with Interest                                            | \$ (44,205)  | \$ (41,884)          | \$ (39,141)          | \$ (35,789)          | \$ (32,800)          | \$ (30,143)          | \$ (28,187)          | \$ (26,813)          | \$ (25,574)          | \$ (24,371)          | \$ (23,161)          | \$ (21,933)          | \$ (20,433)          |
| Bad Debt                                                               |              |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Projected Bad Debt                                                     | \$ -         | \$ 26,101            | \$ 26,101            | \$ 26,101            | \$ 26,101            | \$ 26,101            | \$ 26,101            | \$ 2,371             | \$ 2,371             | \$ 2,371             | \$ 2,371             | \$ 2,371             | \$ 2,371             |
| Beginning Period Bad Debt Balance                                      |              | \$ (7,408)           | \$ 18,708            | \$ 44,894            | \$ 71,152            | \$ 97,481            | \$ 123,881           | \$ 150,352           | \$ 153,134           | \$ 155,923           | \$ 158,720           | \$ 161,524           | \$ 164,336           |
| End of Period Bad Debt Balance                                         |              | \$ 18,693            | \$ 44,808            | \$ 70,995            | \$ 97,253            | \$ 123,581           | \$ 149,981           | \$ 152,723           | \$ 155,505           | \$ 158,294           | \$ 161,091           | \$ 163,895           | \$ 166,707           |
| Interest                                                               |              | \$ 15                | \$ 86                | \$ 157               | \$ 228               | \$ 299               | \$ 371               | \$ 410               | \$ 418               | \$ 426               | \$ 433               | \$ 441               | \$ 448               |
| End of Period Bad Debt Balance with Interest                           | \$ (7,408)   | \$ 18,708            | \$ 44,894            | \$ 71,152            | \$ 97,481            | \$ 123,881           | \$ 150,352           | \$ 153,134           | \$ 155,923           | \$ 158,720           | \$ 161,524           | \$ 164,336           | \$ 167,155           |
| Local Production and Storage Capacity                                  |              | \$ 79,351            | \$ 79,351            | \$ 79,351            | \$ 79,351            | \$ 79,351            | \$ 79,351            | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 |
| Miscellaneous Overhead                                                 |              | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 |
| Gas Cost Other than Bad Debt and Working Capital Over/Under Collection |              | \$ 78,589            | \$ 78,589            | \$ 78,589            | \$ 78,589            | \$ 78,589            | \$ 78,589            | \$ 18,154            | \$ 18,154            | \$ 18,154            | \$ 18,154            | \$ 18,154            | \$ 18,154            |
| Beginning Balance Over/Under Collection                                | \$ 1,155,846 | \$ 1,155,846         | \$ 561,027           | \$ (1,085,421)       | \$ (2,987,867)       | \$ (4,448,051)       | \$ (5,631,365)       | \$ (5,803,057)       | \$ (4,948,112)       | \$ (3,995,471)       | \$ (3,005,714)       | \$ (2,016,058)       | \$ (1,045,106)       |
| Net Costs - Revenues                                                   |              | \$ (597,141)         | \$ (1,645,738)       | \$ (1,896,938)       | \$ (1,450,127)       | \$ (1,169,684)       | \$ (156,229)         | \$ 869,484           | \$ 964,736           | \$ 999,224           | \$ 996,447           | \$ 975,092           | \$ 777,615           |
| Ending Balance before Interest                                         |              | \$ 558,705           | \$ (1,084,712)       | \$ (2,982,359)       | \$ (4,437,995)       | \$ (5,617,734)       | \$ (5,787,594)       | \$ (4,933,573)       | \$ (3,983,376)       | \$ (2,996,246)       | \$ (2,009,267)       | \$ (1,040,966)       | \$ (267,491)         |
| Average Balance                                                        |              | \$ 857,275           | \$ (261,842)         | \$ (2,033,890)       | \$ (3,712,931)       | \$ (5,032,892)       | \$ (5,709,479)       | \$ (5,368,315)       | \$ (4,465,744)       | \$ (3,495,859)       | \$ (2,507,491)       | \$ (1,528,512)       | \$ (656,298)         |
| Interest Rate                                                          |              | 3.25%                | 3.25%                | 3.25%                | 3.25%                | 3.25%                | 3.25%                | 3.25%                | 3.25%                | 3.25%                | 3.25%                | 3.25%                | 3.25%                |
| Interest Expense                                                       |              | \$ 2,322             | \$ (709)             | \$ (5,508)           | \$ (10,056)          | \$ (13,631)          | \$ (15,463)          | \$ (14,539)          | \$ (12,095)          | \$ (9,468)           | \$ (6,791)           | \$ (4,140)           | \$ (1,777)           |
| Ending Balance Incl Interest Expense                                   | \$ 1,155,846 | \$ 561,027           | \$ (1,085,421)       | \$ (2,987,867)       | \$ (4,448,051)       | \$ (5,631,365)       | \$ (5,803,057)       | \$ (4,948,112)       | \$ (3,995,471)       | \$ (3,005,714)       | \$ (2,016,058)       | \$ (1,045,106)       | \$ (269,269)         |
| <b>Total Over/Under Collection Ending Balance</b>                      | \$ 1,104,232 | \$ 537,851           | \$ (1,079,668)       | \$ (2,952,504)       | \$ (4,383,370)       | \$ (5,537,627)       | \$ (5,680,892)       | \$ (4,821,792)       | \$ (3,865,122)       | \$ (2,871,365)       | \$ (1,877,696)       | \$ (902,703)         | \$ (122,546)         |
| <b>Total Indirect Cost of Gas</b>                                      | \$ 1,104,232 | \$ 188,699           | \$ 186,159           | \$ 182,041           | \$ 177,201           | \$ 173,367           | \$ 170,904           | \$ 7,770             | \$ 10,088            | \$ 12,686            | \$ 15,376            | \$ 18,054            | \$ 20,696            |
| <b>Total Cost of Gas</b>                                               | \$ 1,104,232 | \$ 2,763,791         | \$ 3,225,130         | \$ 3,896,230         | \$ 3,473,858         | \$ 3,090,174         | \$ 2,293,934         | \$ 1,612,633         | \$ 1,461,064         | \$ 1,418,982         | \$ 1,425,264         | \$ 1,444,875         | \$ 1,749,184         |
| <b>Total Interest</b>                                                  | \$ -         | \$ 2,221             | \$ (733)             | \$ (5,453)           | \$ (9,921)           | \$ (13,417)          | \$ (15,171)          | \$ (14,203)          | \$ (11,748)          | \$ (9,110)           | \$ (6,422)           | \$ (3,760)           | \$ (1,386)           |

**Northern Utilities**  
**NEW HAMPSHIRE (Over) / Undercollection Analysis**

|                                                         | Winter        | Summer       | Prior<br>Period | Total           |
|---------------------------------------------------------|---------------|--------------|-----------------|-----------------|
| Working Capital                                         |               |              |                 |                 |
| Total Anticipated Direct Cost of Gas                    |               |              |                 | \$ 27,748,638   |
| Working Capital Percentage                              |               |              |                 |                 |
| Working Capital Allowance                               | \$ 16,602     | \$ 8,150     | \$ (44,205)     | \$ (19,453)     |
| Beginning Period Working Capital Balance                |               |              |                 |                 |
| End of Period Working Capital Allowance                 |               |              |                 |                 |
| Interest                                                | \$ (584)      | \$ (395)     |                 | \$ (979)        |
| End of period with Interest                             |               |              |                 |                 |
| Bad Debt                                                |               |              |                 |                 |
| Projected Bad Debt                                      | \$ 156,604    | \$ 14,227    | \$ (7,408)      | \$ 163,423      |
| Beginning Period Bad Debt Balance                       |               |              |                 |                 |
| End of Period Bad Debt Balance                          |               |              |                 |                 |
| Interest                                                | \$ 1,156      | \$ 2,576     |                 | \$ 3,732        |
| End of Period Bad Debt Balance with Interest            |               |              |                 |                 |
| Local Production and Storage Capacity                   |               |              |                 | \$ 476,106      |
|                                                         |               |              |                 | \$ -            |
| Miscellaneous Overhead                                  |               |              |                 | \$ 580,455      |
| Gas Cost Other than Bad Debt and Working Capital Over/L |               |              |                 |                 |
| Beginning Balance Over/Under Collection                 |               |              |                 | \$ (33,249,349) |
| Net Costs - Revenues                                    |               |              |                 | \$ (1,333,258)  |
| Ending Balance before Interest                          |               |              |                 | \$ (34,582,607) |
| Average Balance                                         |               |              |                 | \$ (33,915,978) |
| Interest Rate                                           |               |              |                 |                 |
| Interest Expense                                        |               |              |                 | \$ (91,856)     |
| Ending Balance Incl Interest Expense                    |               |              | \$ 1,155,846    |                 |
| <b>Total Over/Under Collection Ending Balance</b>       |               |              |                 |                 |
| <b>Total Indirect Cost of Gas</b>                       | \$ 1,078,371  | \$ 84,670    | \$ 1,104,232    | \$ 2,267,273    |
| <b>Total Cost of Gas</b>                                | \$ 18,743,116 | \$ 9,112,002 | \$ 1,104,232    | \$ 28,959,350   |
| <b>Total Interest</b>                                   | \$ (42,473)   | \$ (46,630)  |                 | \$ (89,103)     |

Updated End of Period Balance ("Target Balance")  
(\$5,447,209)  
Line 98 - April

Northern Utilities  
NEW HAMPSHIRE (Over) / Undercollection Analysis, Balances and Interest Calculation

| Sales Revenues                                 | Oct-20 | Winter               |                      |                      |                      |                      |                      | Summer               |                      |                      |                      |                      |                      |
|------------------------------------------------|--------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                                                |        | (Forecast)<br>Nov-20 | (Forecast)<br>Dec-20 | (Forecast)<br>Jan-21 | (Forecast)<br>Feb-21 | (Forecast)<br>Mar-21 | (Forecast)<br>Apr-21 | (Forecast)<br>May-21 | (Forecast)<br>Jun-21 | (Forecast)<br>Jul-21 | (Forecast)<br>Aug-21 | (Forecast)<br>Sep-21 | (Forecast)<br>Oct-21 |
| Volumes                                        |        |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Residential Heat & Non Heat                    |        | 2,176,725            | 3,165,337            | 3,770,878            | 3,205,911            | 2,774,319            | 1,593,044            | 730,922              | 489,258              | 412,466              | 418,643              | 455,783              | 939,948              |
| Sales HLF Classes                              |        | 297,129              | 432,077              | 514,735              | 437,615              | 378,702              | 217,455              | 405,473              | 271,412              | 228,812              | 232,239              | 252,842              | 521,430              |
| Sales LLF Classes                              |        | 2,078,532            | 3,022,546            | 3,600,771            | 3,061,290            | 2,649,167            | 1,521,181            | 572,940              | 383,510              | 323,315              | 328,157              | 357,270              | 736,788              |
| Total                                          |        | 4,552,386            | 6,619,959            | 7,886,383            | 6,704,817            | 5,802,188            | 3,331,679            | 1,709,335            | 1,144,180            | 964,593              | 979,040              | 1,065,895            | 2,198,166            |
| Rates                                          |        |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Residential Heat & Non Heat CGA                |        | \$0.7249             | \$0.7249             | \$0.7249             | \$0.7249             | \$0.7249             | \$0.7249             | \$0.4545             | \$0.4545             | \$0.4545             | \$0.4545             | \$0.4545             | \$0.4545             |
| Sales HLF Classes CGA                          |        | \$0.6316             | \$0.6316             | \$0.6316             | \$0.6316             | \$0.6316             | \$0.6316             | \$0.4056             | \$0.4056             | \$0.4056             | \$0.4056             | \$0.4056             | \$0.4056             |
| Sales LLF Classes CGA                          |        | \$0.7382             | \$0.7382             | \$0.7382             | \$0.7382             | \$0.7382             | \$0.7382             | \$0.4879             | \$0.4879             | \$0.4879             | \$0.4879             | \$0.4879             | \$0.4879             |
| Revenues                                       |        |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Residential Heat & Non Heat                    |        | \$ (1,577,908)       | \$ (2,294,553)       | \$ (2,733,509)       | \$ (2,323,965)       | \$ (2,011,104)       | \$ (1,154,798)       | \$ (332,204)         | \$ (222,368)         | \$ (187,466)         | \$ (190,273)         | \$ (207,153)         | \$ (427,207)         |
| Sales HLF Classes                              |        | \$ (187,666)         | \$ (272,900)         | \$ (325,106)         | \$ (276,398)         | \$ (239,188)         | \$ (137,344)         | \$ (164,460)         | \$ (110,085)         | \$ (92,806)          | \$ (94,196)          | \$ (102,553)         | \$ (211,492)         |
| Sales LLF Classes                              |        | \$ (1,534,372)       | \$ (2,231,243)       | \$ (2,658,089)       | \$ (2,259,844)       | \$ (1,955,615)       | \$ (1,122,936)       | \$ (279,538)         | \$ (187,114)         | \$ (157,746)         | \$ (160,108)         | \$ (174,312)         | \$ (359,479)         |
| Total Sales                                    |        | \$ (3,299,947)       | \$ (4,798,695)       | \$ (5,716,705)       | \$ (4,860,207)       | \$ (4,205,907)       | \$ (2,415,078)       | \$ (776,201)         | \$ (519,567)         | \$ (438,017)         | \$ (444,577)         | \$ (484,018)         | \$ (998,177)         |
| Gas Costs and Credits                          | Oct-20 | Winter               |                      |                      |                      |                      |                      | Summer               |                      |                      |                      |                      |                      |
|                                                |        | (Forecast)<br>Nov-20 | (Forecast)<br>Dec-20 | (Forecast)<br>Jan-21 | (Forecast)<br>Feb-21 | (Forecast)<br>Mar-21 | (Forecast)<br>Apr-21 | (Forecast)<br>May-21 | (Forecast)<br>Jun-21 | (Forecast)<br>Jul-21 | (Forecast)<br>Aug-21 | (Forecast)<br>Sep-21 | (Forecast)<br>Oct-21 |
| Demand Costs (net of Capacity Assignment)      |        |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Pipeline                                       |        | \$ 446,263           | \$ 446,263           | \$ 457,604           | \$ 457,604           | \$ 457,604           | \$ 457,604           | \$ 457,604           | \$ 457,604           | \$ 457,604           | \$ 457,604           | \$ 457,604           | \$ 457,604           |
| Storage                                        |        | \$ 584,955           | \$ 584,955           | \$ 630,827           | \$ 630,827           | \$ 630,827           | \$ 630,827           | \$ 630,827           | \$ 630,827           | \$ 630,827           | \$ 630,827           | \$ 630,827           | \$ 630,827           |
| On-system Peaking                              |        | \$ 187,424           | \$ 187,424           | \$ 187,424           | \$ 187,424           | \$ 187,424           | \$ 94,049            | \$ 16,338            | \$ 16,338            | \$ 16,338            | \$ 16,338            | \$ 16,338            | \$ 16,338            |
| Off-System Peaking                             |        | \$ 317,658           | \$ 317,658           | \$ 317,658           | \$ 317,658           | \$ 317,658           | \$ 317,658           | \$ 317,658           | \$ 317,658           | \$ 317,658           | \$ 317,658           | \$ 317,658           | \$ 317,658           |
| Total Demand Costs                             |        | \$ 1,536,300         | \$ 1,536,300         | \$ 1,593,513         | \$ 1,593,513         | \$ 1,593,513         | \$ 1,500,139         | \$ 1,422,428         | \$ 1,422,428         | \$ 1,422,428         | \$ 1,422,428         | \$ 1,422,428         | \$ 1,422,428         |
| Asset Management and Capacity Release          |        |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| NUI AMA Revenue                                |        | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         |
| NUI Capacity Release                           |        | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 |
| NUI AMA Rev & Cap. Release Subtotal            |        | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         | \$ (712,459)         |
| NH AMA Revenue                                 |        | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         |
| NH Capacity Release                            |        | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 |
| NH Total Asset Management and Capacity Release |        | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         | \$ (288,787)         |
| CNG Expenses                                   |        | \$ 9,972             | \$ 9,972             | \$ 9,972             | \$ 9,972             | \$ 9,972             | \$ 9,972             | \$ 9,972             | \$ 9,972             | \$ 9,972             | \$ 9,972             | \$ 9,972             | \$ 9,972             |
| Re-entry Rate & Conversion Rate Revenue        |        | \$ (1,000)           | \$ (1,000)           | \$ (1,000)           | \$ (1,000)           | \$ (1,000)           | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 |
| Net Demand Costs                               |        | \$ 1,256,485         | \$ 1,256,485         | \$ 1,313,698         | \$ 1,313,698         | \$ 1,313,698         | \$ 1,221,323         | \$ 1,143,612         | \$ 1,143,612         | \$ 1,143,612         | \$ 1,143,612         | \$ 1,143,612         | \$ 1,143,612         |
| NUI Commodity Costs                            |        |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| NUI Total Pipeline Volumes                     |        | 930,912              | 987,962              | 987,962              | 893,407              | 1,057,807            | 918,117              | 499,328              | 337,173              | 291,023              | 294,102              | 320,183              | 619,360              |
| Pipeline Costs Modeled in Sendout™             |        | \$ 2,810,541         | \$ 3,690,647         | \$ 4,304,570         | \$ 3,827,533         | \$ 3,717,010         | \$ 2,576,253         | \$ 1,322,251         | \$ 886,662           | \$ 774,801           | \$ 782,079           | \$ 832,473           | \$ 1,619,126         |
| NYMEX Price Used for Forecast                  |        | \$ 2,9010            | \$ 3,2660            | \$ 3,3750            | \$ 3,3270            | \$ 3,1850            | \$ 2,8230            | \$ 2,2610            | \$ 2,2970            | \$ 2,3360            | \$ 2,3450            | \$ 2,3290            | \$ 2,3540            |
| NYMEX Price Used for Update                    |        | \$ 2,9960            | \$ 2,7120            | \$ 2,8380            | \$ 2,8180            | \$ 2,7670            | \$ 2,6800            | \$ 2,2610            | \$ 2,2970            | \$ 2,3360            | \$ 2,3450            | \$ 2,3290            | \$ 2,3540            |
| Increase/(Decrease) NYMEX Price                |        | \$ 0.10              | \$ (0.55)            | \$ (0.54)            | \$ (0.51)            | \$ (0.42)            | \$ (0.14)            | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 |
| Increase/(Decrease) in Pipeline Costs          |        | \$ 88,437            | \$ (547,331)         | \$ (530,536)         | \$ (454,744)         | \$ (442,163)         | \$ (131,291)         | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 |
| Updated Pipeline Costs                         |        | \$ 2,898,978         | \$ 3,143,317         | \$ 3,774,034         | \$ 3,372,789         | \$ 3,274,847         | \$ 2,444,962         | \$ 1,322,251         | \$ 886,662           | \$ 774,801           | \$ 782,079           | \$ 832,473           | \$ 1,619,126         |
| New Hampshire Allocated Percentage             |        | 39.54%               | 39.84%               | 40.15%               | 39.76%               | 39.18%               | 36.70%               | 34.56%               | 34.20%               | 33.37%               | 33.52%               | 33.54%               | 35.85%               |
| NH Updated Pipeline Costs                      |        | \$ 1,146,155         | \$ 1,252,260         | \$ 1,515,278         | \$ 1,341,021         | \$ 1,283,025         | \$ 897,181           | \$ 456,911           | \$ 303,234           | \$ 258,542           | \$ 262,123           | \$ 279,217           | \$ 580,479           |
| NH Peaking Volumes                             |        | 709                  | 10,058               | 96,948               | 14,113               | 726                  | 658                  | 643                  | 616                  | 621                  | 623                  | 604                  | 667                  |
| NH Peaking Costs Modeled in Sendout            |        | \$ 2,949             | \$ 46,198            | \$ 330,954           | \$ 78,771            | \$ 4,732             | \$ 4,422             | \$ 4,341             | \$ 4,130             | \$ 4,141             | \$ 4,153             | \$ 3,992             | \$ 4,396             |
| Change in NYMEX Price                          |        | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 |
| Change in Peaking Costs                        |        | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 |
| NH Updated Peaking Costs                       |        | \$ 2,949             | \$ 46,198            | \$ 330,954           | \$ 78,771            | \$ 4,732             | \$ 4,422             | \$ 4,341             | \$ 4,130             | \$ 4,141             | \$ 4,153             | \$ 3,992             | \$ 4,396             |
| NH Commodity Costs                             |        |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Pipeline                                       |        | \$ 1,146,155         | \$ 1,252,260         | \$ 1,515,278         | \$ 1,341,021         | \$ 1,283,025         | \$ 897,181           | \$ 456,911           | \$ 303,234           | \$ 258,542           | \$ 262,123           | \$ 279,217           | \$ 580,479           |
| Storage                                        |        | \$ 169,346           | \$ 483,784           | \$ 553,959           | \$ 562,914           | \$ 315,143           | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 |
| Peaking                                        |        | \$ 2,949             | \$ 46,198            | \$ 330,954           | \$ 78,771            | \$ 4,732             | \$ 4,422             | \$ 4,341             | \$ 4,130             | \$ 4,141             | \$ 4,153             | \$ 3,992             | \$ 4,396             |
| Total Commodity Costs                          |        | \$ 1,318,451         | \$ 1,782,241         | \$ 2,400,191         | \$ 1,982,706         | \$ 1,602,900         | \$ 901,603           | \$ 461,252           | \$ 307,364           | \$ 262,684           | \$ 266,275           | \$ 283,209           | \$ 584,875           |
| Inventory Finance Charge                       |        | \$ 156               | \$ 245               | \$ 299               | \$ 252               | \$ 209               | \$ 104               | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 |
| Total Anticipated Direct Cost of Gas           |        | \$ 2,575,092         | \$ 3,038,971         | \$ 3,714,189         | \$ 3,296,657         | \$ 2,916,807         | \$ 2,123,030         | \$ 1,604,864         | \$ 1,450,976         | \$ 1,406,296         | \$ 1,409,888         | \$ 1,426,822         | \$ 1,728,487         |

**Northern Utilities**  
**NEW HAMPSHIRE (Over) / Undercollection Ana**

| <b>Sales Revenues</b>                                 |  |                        |                       |              |                        |
|-------------------------------------------------------|--|------------------------|-----------------------|--------------|------------------------|
| Volumes                                               |  | Winter                 | Summer                | Prior Period | Total                  |
| Residential Heat & Non Heat                           |  |                        |                       |              | 20,133,234             |
| Sales HLF Classes                                     |  |                        |                       |              | 4,189,921              |
| Sales LLF Classes                                     |  |                        |                       |              | 18,635,467             |
| <b>Total</b>                                          |  | <b>34,897,412</b>      | <b>8,061,210</b>      |              | <b>42,958,621</b>      |
| Rates                                                 |  |                        |                       |              |                        |
| Residential Heat & Non Heat CGA                       |  |                        |                       |              |                        |
| Sales HLF Classes CGA                                 |  |                        |                       |              |                        |
| Sales LLF Classes CGA                                 |  |                        |                       |              |                        |
| Revenues                                              |  |                        |                       |              |                        |
| Residential Heat & Non Heat                           |  |                        |                       |              | \$ (13,662,507)        |
| Sales HLF Classes                                     |  |                        |                       |              | \$ (2,214,195)         |
| Sales LLF Classes                                     |  |                        |                       |              | \$ (13,080,396)        |
| <b>Total Sales</b>                                    |  | <b>\$ (25,296,539)</b> | <b>\$ (3,660,559)</b> |              | <b>\$ (28,957,098)</b> |
| <b>Gas Costs and Credits</b>                          |  |                        |                       |              |                        |
|                                                       |  | Winter                 | Summer                | Prior Period | Total                  |
| Demand Costs (net of Capacity Assignment)             |  |                        |                       |              |                        |
| Pipeline                                              |  | \$ 2,722,942           | \$ 2,745,625          |              | \$ 5,468,568           |
| Storage                                               |  | \$ 3,693,216           | \$ 3,784,960          |              | \$ 7,478,176           |
| On-system Peaking                                     |  | \$ 1,031,170           | \$ 98,030             |              | \$ 1,129,200           |
| Off-System Peaking                                    |  | \$ 1,905,950           | \$ 1,905,950          |              | \$ 3,811,900           |
| <b>Total Demand Costs</b>                             |  | <b>\$ 9,353,279</b>    | <b>\$ 8,534,565</b>   |              | <b>\$ 17,887,844</b>   |
| Asset Management and Capacity Release                 |  |                        |                       |              |                        |
| NUI AMA Revenue                                       |  | \$ (4,274,754)         | \$ (4,274,754)        |              | \$ (8,549,509)         |
| NUI Capacity Release                                  |  |                        |                       |              | \$ -                   |
| NUI AMA Rev. & Cap. Release Subtotal                  |  |                        |                       |              | \$ -                   |
| NH AMA Revenue                                        |  | \$ (1,732,724)         | \$ (1,732,724)        |              | \$ (3,465,449)         |
| NH Capacity Release                                   |  |                        |                       |              | \$ -                   |
| <b>NH Total Asset Management and Capacity Release</b> |  | <b>\$ (1,732,724)</b>  | <b>\$ (1,732,724)</b> |              | <b>\$ (3,465,449)</b>  |
| CNG Expenses                                          |  | \$ 59,833              | \$ 59,833             |              | \$ 119,666             |
| Re-entry Rate & Conversion Rate Revenue               |  | \$ (5,000)             | \$ -                  |              | \$ (5,000)             |
| <b>Net Demand Costs</b>                               |  | <b>\$ 7,675,387</b>    | <b>\$ 6,861,674</b>   |              | <b>\$ 14,537,061</b>   |
| NUI Commodity Costs                                   |  |                        |                       |              |                        |
| NUI Total Pipeline Volumes                            |  |                        |                       |              | 8,137,336              |
| Pipeline Costs Modeled in Sendout™                    |  |                        |                       |              | \$ 27,143,945          |
| NYMEX Price Used for Forecast                         |  |                        |                       |              |                        |
| NYMEX Price Used for Update                           |  |                        |                       |              |                        |
| Increase/(Decrease) NYMEX Price                       |  |                        |                       |              |                        |
| Increase/(Decrease) in Pipeline Costs                 |  |                        |                       |              |                        |
| Updated Pipeline Costs                                |  |                        |                       |              |                        |
| New Hampshire Allocated Percentage                    |  |                        |                       |              |                        |
| <b>NH Updated Pipeline Costs</b>                      |  |                        |                       |              | <b>\$ 9,575,425</b>    |
| NH Peaking Volumes                                    |  |                        |                       |              |                        |
| NH Peaking Costs Modeled in Sendout                   |  |                        |                       |              |                        |
| Change in NYMEX Price                                 |  |                        |                       |              |                        |
| Change in Peaking Costs                               |  |                        |                       |              |                        |
| <b>NH Updated Peaking Costs</b>                       |  |                        |                       |              |                        |
| NH Commodity Costs                                    |  |                        |                       |              |                        |
| Pipeline                                              |  |                        |                       |              | \$ 9,575,425           |
| Storage                                               |  |                        |                       |              | \$ 2,085,147           |
| Peaking                                               |  |                        |                       |              | \$ 493,178             |
| <b>Total Commodity Costs</b>                          |  | <b>\$ 9,988,092</b>    | <b>\$ 2,165,659</b>   |              | <b>\$ 12,153,750</b>   |
| Inventory Finance Charge                              |  |                        |                       |              | \$ 1,266               |
| <b>Total Anticipated Direct Cost of Gas</b>           |  | <b>\$ 17,664,745</b>   | <b>\$ 9,027,333</b>   |              | <b>\$ 26,692,077</b>   |

Updated End of Period Balance ("Target Balance")  
(\$5,447,209)  
Line 98 - April

Northern Utilities  
NEW HAMPSHIRE (Over) / Undercollection Analysis, Balances and Interest Calculation

|                                                                        | Oct-20       | Winter               |                      |                      |                      |                      |                      | Summer               |                      |                      |                      |                      |                      |
|------------------------------------------------------------------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                                                                        |              | (Forecast)<br>Nov-20 | (Forecast)<br>Dec-20 | (Forecast)<br>Jan-21 | (Forecast)<br>Feb-21 | (Forecast)<br>Mar-21 | (Forecast)<br>Apr-21 | (Forecast)<br>May-21 | (Forecast)<br>Jun-21 | (Forecast)<br>Jul-21 | (Forecast)<br>Aug-21 | (Forecast)<br>Sep-21 | (Forecast)<br>Oct-21 |
| Working Capital                                                        |              |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Total Anticipated Direct Cost of Gas                                   |              | \$ 2,733,032         | \$ 3,196,910         | \$ 3,872,128         | \$ 3,454,596         | \$ 3,074,747         | \$ 2,280,970         | \$ 1,623,018         | \$ 1,469,130         | \$ 1,424,450         | \$ 1,428,041         | \$ 1,444,975         | \$ 1,746,641         |
| Working Capital Percentage                                             |              | 0.0892%              | 0.09%                | 0.09%                | 0.09%                | 0.09%                | 0.09%                | 0.09%                | 0.09%                | 0.09%                | 0.09%                | 0.09%                | 0.09%                |
| Working Capital Allowance                                              |              | \$ 2,438             | \$ 2,852             | \$ 3,455             | \$ 3,082             | \$ 2,743             | \$ 2,035             | \$ 1,448             | \$ 1,311             | \$ 1,271             | \$ 1,274             | \$ 1,289             | \$ 1,558             |
| Beginning Period Working Capital Balance                               |              | \$ (44,205)          | \$ (41,883)          | \$ (39,140)          | \$ (35,787)          | \$ (32,798)          | \$ (30,139)          | \$ (28,183)          | \$ (26,810)          | \$ (25,570)          | \$ (24,366)          | \$ (23,156)          | \$ (21,928)          |
| End of Period Working Capital Allowance                                |              | \$ (41,767)          | \$ (39,031)          | \$ (35,686)          | \$ (32,705)          | \$ (30,054)          | \$ (28,104)          | \$ (26,735)          | \$ (25,499)          | \$ (24,299)          | \$ (23,092)          | \$ (21,867)          | \$ (20,370)          |
| Interest                                                               |              | \$ (116)             | \$ (110)             | \$ (101)             | \$ (93)              | \$ (85)              | \$ (79)              | \$ (74)              | \$ (71)              | \$ (68)              | \$ (64)              | \$ (61)              | \$ (57)              |
| End of period with Interest                                            | \$ (44,205)  | \$ (41,883)          | \$ (39,140)          | \$ (35,787)          | \$ (32,798)          | \$ (30,139)          | \$ (28,183)          | \$ (26,810)          | \$ (25,570)          | \$ (24,366)          | \$ (23,156)          | \$ (21,928)          | \$ (20,427)          |
| Bad Debt                                                               |              |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Projected Bad Debt                                                     | \$ -         | \$ 26,101            | \$ 26,101            | \$ 26,101            | \$ 26,101            | \$ 26,101            | \$ 26,101            | \$ 2,371             | \$ 2,371             | \$ 2,371             | \$ 2,371             | \$ 2,371             | \$ 2,371             |
| Beginning Period Bad Debt Balance                                      |              | \$ (7,408)           | \$ 18,708            | \$ 44,894            | \$ 71,152            | \$ 97,481            | \$ 123,881           | \$ 150,352           | \$ 153,134           | \$ 155,923           | \$ 158,720           | \$ 161,524           | \$ 164,336           |
| End of Period Bad Debt Balance                                         |              | \$ 18,693            | \$ 44,808            | \$ 70,995            | \$ 97,253            | \$ 123,581           | \$ 149,981           | \$ 152,723           | \$ 155,505           | \$ 158,294           | \$ 161,091           | \$ 163,895           | \$ 166,707           |
| Interest                                                               |              | \$ 15                | \$ 86                | \$ 157               | \$ 228               | \$ 299               | \$ 371               | \$ 410               | \$ 418               | \$ 426               | \$ 433               | \$ 441               | \$ 448               |
| End of Period Bad Debt Balance with Interest                           | \$ (7,408)   | \$ 18,708            | \$ 44,894            | \$ 71,152            | \$ 97,481            | \$ 123,881           | \$ 150,352           | \$ 153,134           | \$ 155,923           | \$ 158,720           | \$ 161,524           | \$ 164,336           | \$ 167,155           |
| Local Production and Storage Capacity                                  |              | \$ 79,351            | \$ 79,351            | \$ 79,351            | \$ 79,351            | \$ 79,351            | \$ 79,351            | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 | \$ -                 |
| Miscellaneous Overhead                                                 |              | \$ 78,589            | \$ 78,589            | \$ 78,589            | \$ 78,589            | \$ 78,589            | \$ 78,589            | \$ 18,154            | \$ 18,154            | \$ 18,154            | \$ 18,154            | \$ 18,154            | \$ 18,154            |
| Gas Cost Other than Bad Debt and Working Capital Over/Under Collection |              |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Beginning Balance Over/Under Collection                                |              | \$ 1,155,846         | \$ 591,293           | \$ (1,011,060)       | \$ (2,860,872)       | \$ (4,276,135)       | \$ (5,420,408)       | \$ (5,569,378)       | \$ (4,736,499)       | \$ (3,798,478)       | \$ (2,820,997)       | \$ (1,843,842)       | \$ (886,577)         |
| Net Costs - Revenues                                                   |              | \$ (566,915)         | \$ (1,601,785)       | \$ (1,844,576)       | \$ (1,405,611)       | \$ (1,131,160)       | \$ (134,108)         | \$ 846,816           | \$ 949,563           | \$ 986,433           | \$ 983,464           | \$ 960,957           | \$ 748,464           |
| Ending Balance before Interest                                         |              | \$ 588,930           | \$ (1,010,492)       | \$ (2,855,636)       | \$ (4,266,483)       | \$ (5,407,295)       | \$ (5,554,516)       | \$ (4,722,562)       | \$ (3,786,936)       | \$ (2,812,046)       | \$ (1,837,533)       | \$ (882,885)         | \$ (138,113)         |
| Average Balance                                                        |              | \$ 872,388           | \$ (209,599)         | \$ (1,933,348)       | \$ (3,563,678)       | \$ (4,841,715)       | \$ (5,487,462)       | \$ (5,145,970)       | \$ (4,261,717)       | \$ (3,305,262)       | \$ (2,329,265)       | \$ (1,363,363)       | \$ (512,345)         |
| Interest Rate                                                          |              | 3.25%                | 3.25%                | 3.25%                | 3.25%                | 3.25%                | 3.25%                | 3.25%                | 3.25%                | 3.25%                | 3.25%                | 3.25%                | 3.25%                |
| Interest Expense                                                       |              | \$ 2,363             | \$ (568)             | \$ (5,236)           | \$ (9,652)           | \$ (13,113)          | \$ (14,862)          | \$ (13,937)          | \$ (11,542)          | \$ (8,952)           | \$ (6,308)           | \$ (3,692)           | \$ (1,388)           |
| Ending Balance Incl Interest Expense                                   | \$ 1,155,846 | \$ 591,293           | \$ (1,011,060)       | \$ (2,860,872)       | \$ (4,276,135)       | \$ (5,420,408)       | \$ (5,569,378)       | \$ (4,736,499)       | \$ (3,798,478)       | \$ (2,820,997)       | \$ (1,843,842)       | \$ (886,577)         | \$ (139,501)         |
| <b>Total Over/Under Collection Ending Balance</b>                      | \$ 1,104,232 | \$ 568,118           | \$ (1,005,306)       | \$ (2,825,507)       | \$ (4,211,452)       | \$ (5,326,667)       | \$ (5,447,209)       | \$ (4,610,174)       | \$ (3,668,125)       | \$ (2,686,644)       | \$ (1,705,474)       | \$ (744,170)         | \$ 7,227             |
| <b>Total Indirect Cost of Gas</b>                                      | \$ 1,104,232 | \$ 188,740           | \$ 186,301           | \$ 182,314           | \$ 177,606           | \$ 173,885           | \$ 171,506           | \$ 8,372             | \$ 10,641            | \$ 13,202            | \$ 15,859            | \$ 18,501            | \$ 21,087            |
| <b>Total Cost of Gas</b>                                               | \$ 1,104,232 | \$ 2,763,832         | \$ 3,225,272         | \$ 3,896,503         | \$ 3,474,263         | \$ 3,090,692         | \$ 2,294,535         | \$ 1,613,236         | \$ 1,461,617         | \$ 1,419,498         | \$ 1,425,747         | \$ 1,445,323         | \$ 1,749,574         |
| <b>Total Interest</b>                                                  | \$ -         | \$ 2,262             | \$ (591)             | \$ (5,181)           | \$ (9,516)           | \$ (12,899)          | \$ (14,570)          | \$ (13,601)          | \$ (11,195)          | \$ (8,594)           | \$ (5,940)           | \$ (3,313)           | \$ (997)             |

**Northern Utilities**  
**NEW HAMPSHIRE (Over) / Undercollection Ana**

|                                                         | Winter        | Summer       | Prior<br>Period | Total           |
|---------------------------------------------------------|---------------|--------------|-----------------|-----------------|
| Working Capital                                         |               |              |                 |                 |
| Total Anticipated Direct Cost of Gas                    |               |              |                 | \$ 27,748,638   |
| Working Capital Percentage                              |               |              |                 |                 |
| Working Capital Allowance                               | \$ 16,606     | \$ 8,151     | \$ (44,205)     | \$ (19,448)     |
| Beginning Period Working Capital Balance                |               |              |                 |                 |
| End of Period Working Capital Allowance                 |               |              |                 |                 |
| Interest                                                | \$ (584)      | \$ (395)     |                 | \$ (979)        |
| End of period with Interest                             |               |              |                 |                 |
| Bad Debt                                                |               |              |                 |                 |
| Projected Bad Debt                                      | \$ 156,604    | \$ 14,227    | \$ (7,408)      | \$ 163,423      |
| Beginning Period Bad Debt Balance                       |               |              |                 |                 |
| End of Period Bad Debt Balance                          |               |              |                 |                 |
| Interest                                                | \$ 1,156      | \$ 2,576     |                 | \$ 3,732        |
| End of Period Bad Debt Balance with Interest            |               |              |                 |                 |
| Local Production and Storage Capacity                   |               |              |                 | \$ 476,106      |
|                                                         |               |              |                 | \$ -            |
| Miscellaneous Overhead                                  |               |              |                 | \$ 580,455      |
| Gas Cost Other than Bad Debt and Working Capital Over/L |               |              |                 |                 |
| Beginning Balance Over/Under Collection                 |               |              |                 | \$ (31,477,107) |
| Net Costs - Revenues                                    |               |              |                 | \$ (1,208,459)  |
| Ending Balance before Interest                          |               |              |                 | \$ (32,685,567) |
| Average Balance                                         |               |              |                 | \$ (32,081,337) |
| Interest Rate                                           |               |              |                 |                 |
| Interest Expense                                        |               |              |                 | \$ (86,887)     |
| Ending Balance Incl Interest Expense                    |               |              | \$ 1,155,846    |                 |
| <b>Total Over/Under Collection Ending Balance</b>       |               |              |                 |                 |
| <b>Total Indirect Cost of Gas</b>                       | \$ 1,080,353  | \$ 87,662    | \$ 1,104,232    | \$ 2,272,248    |
| <b>Total Cost of Gas</b>                                | \$ 18,745,097 | \$ 9,114,995 | \$ 1,104,232    | \$ 28,964,325   |
| <b>Total Interest</b>                                   | \$ (40,495)   | \$ (43,639)  |                 | \$ (84,134)     |