

LIBERTY UTILITIES - KEENE DIVISION

CALCULATION OF COST OF GAS RATE
SUPPLY / DEMAND BALANCE
SUMMER PERIOD 2019

| | PRIOR | ACTUAL May-19 | FORECAST Jun-19 | FORECAST Jul-19 | FORECAST Aug-19 | FORECAST Sep-19 | FORECAST Oct-19 | TOTAL |
|---|----------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------|
| <u>COSTS</u> | | | | | | | | |
| 1 FIRM SENDOUT (therms) | | 70,209 | 45,146 | 41,486 | 46,603 | 52,368 | 98,008 | 353,820 |
| 2 COMPANY USE (therms) | | 2,846 | 2,202 | 2,044 | 1,933 | 2,259 | 3,365 | 14,649 |
| 3 TOTAL SENDOUT (therms) | | 73,055 | 47,348 | 43,530 | 48,536 | 54,627 | 101,373 | 368,469 |
| 4 COST PER THERM (WACOG) | | \$1.1750 | \$1.0162 | \$0.9617 | \$0.9319 | \$0.9209 | \$0.9094 | \$0.9858 |
| 5 PRODUCTION COSTS | | \$1,622 | (\$49,104) | \$1,000 | \$1,000 | \$1,000 | \$1,000 | (\$43,479) |
| 6 CNG DEMAND CHARGES | | \$4,167 | \$4,167 | \$4,167 | \$4,167 | \$4,167 | \$4,167 | \$25,000 |
| 7 REMOVAL OF CNG DEMAND CHARGES | | (\$4,167) | (\$4,167) | (\$4,167) | | | | (\$12,500) |
| 8 ACCOUNTING ADJUSTMENT | | (\$12,900) | \$0 | \$0 | \$0 | \$0 | \$0 | (\$12,900) |
| 9 TOTAL COSTS | | \$74,564 | (\$991) | \$42,864 | \$50,397 | \$55,475 | \$97,351 | \$319,661 |
| <u>REVENUES</u> | | | | | | | | |
| 10 BILLED FPO SALES (therms) | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 COG FPO RATE | | \$1.3743 | \$1.3743 | \$1.3743 | \$1.3743 | \$1.3743 | \$1.3743 | \$0 |
| | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 12 BILLED NON-FPO SALES PRIOR MONTH (therms) | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 COG NON-FPO RATE PRIOR MONTH | | \$1.2651 | \$1.1071 | \$1.0063 | \$1.0063 | \$1.0063 | \$1.0063 | \$0 |
| | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 14 BILLED NON-FPO SALES CURRENT MONTH (therms) | | 11,047 | 64,474 | 39,325 | 38,527 | 55,316 | 49,594 | 258,283 |
| 15 COG NON-FPO RATE CURRENT MONTH | | \$1.1071 | \$1.0063 | \$1.0063 | \$1.0063 | \$1.0063 | \$1.0063 | \$261,024 |
| | | \$12,230 | \$64,880 | \$39,573 | \$38,770 | \$55,664 | \$49,906 | \$261,024 |
| 16 BILLED SALES OTHER PRIOR PERIODS | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 COG OTHER PRIOR PERIODS BLENDED RATE | | \$0.0000 | \$0.0000 | \$0.0000 | \$0.0000 | \$0.0000 | \$0.0000 | \$0 |
| | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 18 TOTAL SALES | | 11,047 | 64,474 | 39,325 | 38,527 | 55,316 | 49,594 | 258,283 |
| 19 TOTAL BILLED REVENUES | | \$12,230 | \$64,880 | \$39,573 | \$38,770 | \$55,664 | \$49,906 | \$261,024 |
| 20 UNBILLED REVENUES (NET) | | \$62,137 | \$0 | \$0 | \$0 | \$0 | \$0 | \$62,137 |
| 21 TOTAL REVENUES | | \$74,367 | \$64,880 | \$39,573 | \$38,770 | \$55,664 | \$49,906 | \$323,160 |
| 22 (OVER)/UNDER COLLECTION | | \$197 | (\$65,871) | \$3,292 | \$11,627 | (\$189) | \$47,445 | (\$3,499) |
| 23 INTEREST AMOUNT | | (\$258) | (\$386) | (\$370) | (\$304) | (\$254) | (\$120) | (\$1,692) |
| 24 FINAL (OVER)/UNDER COLLECTION | \$ (24,699.66) | (\$61) | (\$66,257) | \$2,922 | \$11,323 | (\$443) | \$47,325 | (\$29,891) |
| 25 FORECASTED (OVER)/UNDER COLLECTION (before rate change) | | | | | | | | (\$29,891) |
| 26 DIVIDED BY REMAINING FORECASTED SALES FOR PERIOD | | | | | | | | 247,236 |
| 27 CHANGE TO SUMMER COG RATE REQUIRED TO ELIMINATE FORECASTED OVER/UNDER COLLECTION | | | | | | | | (\$0.1209) |
| 28 CURRENT SUMMER COST OF GAS RATE | | | | | | | | \$1.0063 |
| 29 BEGINNING SUMMER PERIOD COST OF GAS RATE | | | | | | | | \$1.1071 |
| 30 MAXIMUM ALLOWABLE SUMMER PERIOD COST OF GAS RATE | | | | | | | | \$1.3839 |
| 31 MAXIMUM ALLOWABLE INCREASE | | | | | | | | \$0.2768 |
| 32 REVISED SUMMER COST OF GAS RATE | | | | | | | | \$0.8854 |

LIBERTY UTILITIES (ENERGYNORTH NATURAL GAS) CORP D/B/A LIBERTY UTILITIES - KEENE DIVISION ELECTS TO IMPLEMENT A \$0.1209 DECREASE TO THE COST OF GAS RATE.

| | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 | Oct-19 |
|---|----------|----------|----------|----------|----------|----------|
| 33 Mont Belvieu Futures Prices (per gallon) | | | | | | |
| 34 Summer COG Filing - 03/11/19 quotations | \$0.6925 | \$0.6925 | \$0.6925 | \$0.6950 | \$0.7006 | \$0.7069 |
| 35 Summer COG Filing - 05/17/19 quotations | \$0.5591 | \$0.6075 | \$0.6200 | \$0.6325 | \$0.6444 | \$0.6544 |
| 35 Summer COG Filing - 06/11/19 quotations | | \$0.4293 | \$0.4525 | \$0.4800 | \$0.5031 | \$0.5213 |