LIBERTY UTILITIES - KEENE DIVISION

## CONVERSION OF GAS COSTS - GALLONS TO THERMS

 SUMMER PERIOD 2019|  | (1) | (2) | (3) | (4) | (5) | (6) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | VOLU | MES | UNIT | OST |
|  | UNIT | CONVERSION <br> FACTOR | GALLONS | THERMS | PER GALLON | $\begin{aligned} & \text { PER } \\ & \text { THERM } \end{aligned}$ |
| PROPANE FROM INVENTORY | GALLONS | 0.91502 | 398,866 | 364,970 | \$1.1080 | \$1.2109 |

LIBERTY UTILIT ES - KEENE DIVISION

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

|  | PRIOR | MAY-19 | JUN-19 | JUL-19 | AUG-19 | SEP-19 | OCT-19 | TOTAL |
| :--- | :--- | ---: | :--- | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  |  |  |  |  | SENDOUT (THERMS)

[1] Production cost estimates are the audit staff recommended production costs allowed in the 2018 Keene Summer COG audit


NOTE: Summer spot purchases are based on market quotes from local suppliers. The above schedule provides a breakdown of the quote taken at the time (Feb 28th)

1. Propane futures market quotations (cmegroup.com) on 03/11/19 close. See Appendix 1.
2. A generally accepted standard broker fee
3. Summer prices are quoted on a delivered basis with pipeline charges embedded in delivered price
4. Propane Education Research Council (propanecouncel.org)
5. Supplier charge
6. Selkirk Cost - all fees plus propane cost
7. Northern Gas Transport trucking rate including diesel fuel surcharge. See Appendix 3A \& 3B.
8. Delivered Price per Gallon
9. Delivered Price per therm as converted using per gallon price / . 91502

LINE NO.


|  |  | L BERTY UT LIT ES - KEENE DIVISION PRIOR PERIOD (OVER)/UNDER COLLECTION SUMMER PERIOD 2018 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | COSTS | PRIOR | May-18 | Jun-18 | Jul-18 | Aug-18 | Sep-18 | Oct-18 | TOTAL |
| 1 | FIRM SENDOUT (therms) |  | 54,606 | 43,521 | 40,184 | 41,458 | 47,691 | 100,163 | 327,623 |
| 2 | COMPANY USE (therms) |  | 2,356 | 2,202 | 2,044 | 1,933 | 2,259 | 3,365 | 14,159 |
| 3 | TOTAL SENDOUT (therms) |  | 56,962 | 45,723 | 42,228 | 43,391 | 49,950 | 103,528 | 341,782 |
| 4 | COST PER THERM |  | \$1.2055 | \$1 2025 | \$1 2142 | \$1.0817 | \$1.1455 | \$1.1903 | \$1.1781 |
| 5 | DIRECT PROPANE PURCHASED COSTS |  | \$68,665 | \$55,180 | \$51,369 | \$47,003 | \$57,218 | \$123,234 | \$402,669 |
| 6 | PROPANE COST ADJUSTMENTS |  | (\$155,515) | \$0 | \$0 | \$145,836 | \$32,481 | \$38,782 | \$61,584 |
| 7 | CNG DEMAND CHARGES |  | \$10,417 | (\$2,083) | \$4,167 | \$4,167 | \$4,167 | \$4,167 | \$25,000 |
| 8 | UNAPPROVED CNG CHARGES |  | (\$10,417) | \$2,083 | $(\$ 4,167)$ | $(\$ 4,167)$ | $(\$ 4,167)$ | $(\$ 4,167)$ | $(\$ 25,000)$ |
| 9 | TOTAL PROPANE COSTS |  | $(\$ 86,850)$ | \$55,180 | \$51,369 | \$192,839 | \$89,699 | \$162,016 | \$464,252 |
|  | REVENUES |  |  |  |  |  |  |  |  |
| 10 | FIRM SALES (therms) |  | 111,579 | 53,960 | 39,256 | 37,988 | 46,254 | 47,591 | 336,628 |
| 11 | AVERAGE RATE PER THERM |  | \$1.4130 | \$1 0173 | \$1 0356 | \$1.0020 | \$0.6015 | \$0.6322 | \$1.0163 |
|  | TOTAL BILLED REVENUES |  | \$157,664 | \$54,894 | \$40,652 | \$36,093 | \$34,834 | \$40,793 | \$364,930 |
| 13 | UNBILLED REVENUES |  | \$65,772 | $(\$ 27,864)$ | (\$2,433) | $(\$ 9,099)$ | \$5,339 | \$75,198 | \$106,913 |
| 14 | TOTAL REVENUES |  | \$223,436 | \$27,030 | \$38,219 | \$26,994 | \$40,173 | \$115,991 | \$471,843 |
| 15 | (OVER)/UNDER COLLECTION |  | (\$310,286) | \$28,150 | \$13,149 | \$165,845 | \$49,526 | \$46,025 | (\$7,592) |
| 16 | INTEREST AMOUNT |  | (\$204) | (\$733) | (\$336) | \$18 | \$158 | \$404 | (\$691) |
| 17 | TOTAL (OVER)/UNDER COLLECTION - FINAL | \$99,350 | (\$310,490) | \$27,416 | \$12,814 | \$165,863 | \$49,684 | \$46,429 | \$91,066 |

LIBERTY UTILITIES - KEENE DIVISION
INTEREST CALCULATION
SUMMER PERIOD 2019

| $\begin{aligned} & \text { LINE } \\ & \text { NO. } \end{aligned}$ | MONTH | (1) <br> BEG. OF <br> MONTH <br> BALANCE | (2) <br> (OVER) <br> UNDER <br> COLLECT | (3) REFUNDS | (4) <br> END OF MONTH BALANCE $\text { (COL. } 1+2+3)$ | (5) <br> AVERAGE <br> BALANCE COL. $\text { (COL. }[1+4] / 2)$ | (6) <br> ANNUAL INTEREST RATE | (7) <br> INTEREST AMOUNT | (8) MONTH END BAL. WITH INTEREST (COL. 4+7) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | NOV 2018 | \$91,066 | \$0 | \$0 | \$91,066 | \$91,066 | 5.25\% | \$398 | \$91,464 |
| 2 | DEC | 91,464 | 0 | 0 | 91,464 | 91,464 | 5.50\% | 419 | 91,883 |
| 3 | JAN 2019 | 91,883 | 0 | 0 | 91,883 | 91,883 | 5.50\% | 421 | 92,304 |
| 4 | FEB | 92,304 | 0 | 0 | 92,304 | 92,304 | 5.50\% | 423 | 92,727 |
| 5 | MAR | 92,727 | 0 | 0 | 92,727 | 92,727 | 5.50\% | 425 | 93,152 |
| 6 | APR | 93,152 | 0 | 0 | 93,152 | 93,152 | 5.50\% | 427 | $(93,115)$ |
| 7 | MAY | $(93,115)$ | $(14,226)$ | 0 | $(107,340)$ | $(100,227)$ | 5.50\% | (459) | $(107,799)$ |
| 8 | JUN | $(107,799)$ | $(3,956)$ | 0 | $(111,755)$ | $(109,777)$ | 5.50\% | (503) | $(112,258)$ |
| 9 | JUL | $(112,258)$ | 15,840 | 0 | $(96,418)$ | $(104,338)$ | 5.50\% | (478) | $(96,896)$ |
| 10 | AUG | $(96,896)$ | 20,704 | 0 | $(76,193)$ | $(86,544)$ | 5.50\% | (397) | $(76,590)$ |
| 11 | SEP | $(76,590)$ | 10,298 | 0 | $(66,292)$ | $(71,441)$ | 5.50\% | (327) | $(66,619)$ |
| 12 | OCT | $(66,619)$ | 66,770 | 0 | 150 | $(33,234)$ | 5.50\% | (152) | (2) |
| 13 |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  | \$197 |  |
| 15 | $=$ | COL. 1, LINE 1 |  | + | COL. 7, LINES | 1 TO 6 |  |  |  |
| 16 | $=$ | 91,066 |  | + | 2,513 | = | 93,579 | @ MAY 1, 2019 <br> (TRANSFER TO SCHEDULE B, LINE 13) |  |
|  |  |  |  |  |  |  |  |  |  |

[1] PUC audit staff's recommended adjustments to the summer 2018 Cog reconciliation are included in column 8 line 6

| LIBERTY UTILITIES - KEENE DIVISION <br> Weather Normalization - Firm Sendout |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | Actual Firm Sendout | Base Use | Heat Use | Actual Calendar Month Degree Days | Normal Calendar Month Degree Days | Colder (Warmer) Than Normal | Actual Unit <br> Heat Load <br> Therm/DD | Weather Adjustment | Normal <br> Heat Load | Normalized <br> Firm <br> Sendout | Actual Company Use | Unaccounted <br> For <br> $3.32 \%$ | Total Firm Sendout |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) |
|  |  |  | (1) - (2) |  |  | (4) - (5) | (3) / (4) | (6) $\times$ (7) | (3) + (8) | (1) - (3) + (9) |  | $(10-11) * 3.32 \%$ | $(10)-(11)+(12)$ |
| May-18 | 56,962 | 42,810 | 14,153 | 162 | 279 | (117) | 87.36 | 10,221 | 24,374 | 67,183 | 2,356 | 2,152 | 66,980 |
| Jun-18 | 45,723 | 42,810 | 2,914 | 70 | 75 | (5) | 41.62 | 208 | 3,122 | 45,931 | 2,202 | 1,452 | 45,181 |
| Jul-18 | 42,228 | 42,810 | 0 | 1 | 12 | (11) | 0.00 | 0 | 0 | 42,228 | 2,044 | 1,334 | 41,518 |
| Aug-18 | 43,391 | 42,810 | 582 | 3 | 22 | (19) | 193.83 | 3,683 | 4,264 | 47,074 | 1,933 | 1,499 | 46,640 |
| Sep-18 | 49,950 | 42,810 | 7,141 | 113 | 161 | (48) | 63.19 | 3,033 | 10,174 | 52,983 | 2,259 | 1,684 | 52,408 |
| Oct-18 | 103,528 | 42,810 | 60,719 | 534 | 488 | 46 | 113.71 | $(5,230)$ | 55,488 | 98,298 | 3,365 | 3,152 | 98,084 |
| Total | 341,782 | 256,857 | 85,507 | 883 | 1,037 | (154) |  | 11,915 | 97,421 | 353,697 | 14,159 | 11,273 | 350,811 |


| LIBERTY UTILITIES - KEENE DIVISIONRevised Weather Normalization - Sales Rate Residential |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | Billing Cycle Customers | Billing Cycle Sales | Base Load | Heating Load | Billing Cycle Monthly Actua Degree Days | Billing Cycle Monthly Normal Degree Days | Colder (Warmer) Than Normal | Actual Unit Heat Load Therm/DD | Weather Adjustment | Normal Heat Load | Normal Firm <br> Billing Cycle <br> Therms |
|  |  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
|  |  |  |  | (1) - (2) |  |  | (4) - (5) | (3) / (4) | (6) $\times(7)$ | $(3)+(8)$ | (1) - (3) + (9) |
| May-18 | 792 | 20,176 | 6,971 | 13,206 | 602 | 539 | 63 | 21.94 | $(1,382)$ | 11,824 | 18,794 |
| Jun-18 | 893 | 10,835 | 6,971 | 3,865 | 148 | 248 | (100) | 26.11 | 2,611 | 6,476 | 13,446 |
| Jul-18 | 892 | 7,650 | 6,971 | 680 | 59 | 65 | (6) | 11.52 | 69 | 749 | 7,719 |
| Aug-18 | 880 | 6,291 | 6,971 | 0 | 1 | 14 | (13) | 0.00 | 0 | 0 | 6,291 |
| Sep-18 | 885 | 8,028 | 6,971 | 1,058 | 23 | 47 | (24) | 45.98 | 1,103 | 2,161 | 9,131 |
| Oct-18 | 864 | 8,533 | 6,971 | 1,563 | 177 | 211 | (34) | 8.83 | 300 | 1,863 | 8,833 |
| Total |  | 61,513 | 41,823 | 20,370 | 1,010 | 1,124 | (114) | 23.70 | 2,702 | 23,071 | 64,214 |

LIBERTY UTLLTIES - KEENE DIVIIION

| LIBERTY UTILITIES - KEENE DIVISIONRevised Weather Normalization - SalesRate Commercial |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | Billing Cycle Customers | Billing Cycle Sales | Base Load | Heating Load | Billing Cycle Monthly Actual Degree Days | Billing Cycle Monthly Normal Degree Days | Colder (Warmer) Than Normal | Actual Unit Heat Load Therm/DD | Weather Adjustment | Normal Heat Load | Normal Firm Billing Cycle Therms |
|  |  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
|  |  |  |  | (1) - (2) |  |  | (4) - (5) | (3) / (4) | (6) $\times(7)$ | $(3)+(8)$ | (1) - (3) + (9) |
| May-18 | 457 | 91,438 | 31,651 | 59,787 | 627 | 554 | 73 | 95.35 | $(6,961)$ | 52,826 | 84,477 |
| Jun-18 | 466 | 43,125 | 31,651 | 11,474 | 151 | 255 | (104) | 75.99 | 7,903 | 19,377 | 51,028 |
| Jul-18 | 331 | 31,606 | 31,651 | 0 | 62 | 68 | (6) | 0.00 | 0 | 0 | 31,606 |
| Aug-18 | 324 | 31,696 | 31,651 | 45 | 1 | 13 | (12) | 45.00 | 540 | 585 | 32,236 |
| Sep-18 | 315 | 38,226 | 31,651 | 6,575 | 19 | 42 | (23) | 346.05 | 7,959 | 14,534 | 46,185 |
| Oct-18 | 313 | 39,059 | 31,651 | 7,408 | 161 | 198 | (37) | 46.01 | 1,702 | 9,110 | 40,761 |
| Total |  | 275,150 | 189,906 | 85,289 | 1,021 | 1,130 | (109) | 102.23 | 11,143 | 96,432 | 286,293 |

Summary - Total Summer Season Billed Sales

|  | Actual 2018 | Normalized |
| :--- | ---: | ---: |
| May | 111,614 | 103,271 |
| June | 53,960 | 64,474 |
| July | 39,256 | 39,325 |
| August | 37,987 | 38,527 |
| September | 46,254 | 55,316 |
| October | 47,592 | 49,594 |
| Total | 336,663 | 350,507 |


(2) LDAC was included in Keene distribution rates beginning on 05/01/18, as authorized by NHPUC Order No. 26,122 dated April 27,2018 , in Docket No. DG 17-048

(1) Residential Heating Typical Usage: Single family detached home using gas for heat, hot water and cooking
(2) LDAC was included in Keene distribution rates beginning on 05/01/18, as authorized by NHPUC Order No. 26,122 dated April 27,2018 , in Docket No. DG 17-048

|  | Mt. Belvieu |  | Pipeline | Broker + Supplier |  |  | PERC |  | Trucking | $\begin{array}{\|c} \hline \text { Keene Div. } \\ \text { Price } \end{array}$ |  | Contract Volumes | Keene Div. Cost | $\begin{gathered} \text { Fixed } \\ \text { Basis Bid } \end{gathered}$ | Plan Price | Contract Volumes | Plan Cost | $\begin{gathered} \text { Cost } \\ \text { Premium } \end{gathered}$ | Per Gallon Premium |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Apr-18 | \$0.7538 | + | Rate 2265 | + | Fee | + | \$0.0045 | + | \$0.0862 | $=$ | \$1.1710 | 115,000 | \$134,667 |  |  | Volumes |  |  | Premium |
| May-18 | \$0 8473 | + | \$0 2265 | + | \$0.1000 | + | \$0.0045 | + | \$0.0862 | $=$ | \$1.2645 | 86,250 | \$109,063 |  |  | 86,250 |  |  | -\$0.1022 |
| Jun-18 | \$0 8790 | + | \$0 2265 | + | \$0.1000 | + | \$0.0045 | + | \$0.0862 | $=$ | \$1.2962 | 86,250 | \$111,795 |  |  | 86,250 |  |  | -\$0.1022 |
| Jul-18 | \$0 8823 | + | \$0 2265 | + | \$0.1000 | + | \$0.0045 | + | \$0.0862 | = | \$1.2995 | 115,000 | \$149,448 |  |  | 115,000 |  |  | -\$0.1022 |
| Aug-18 | \$0 9181 | + | \$0 2265 | + | \$0.1000 | + | \$0.0045 | + | \$0.0862 | = | \$1.3353 | 86,250 | \$115,165 |  |  | 86,250 |  |  | -\$0.1022 |
| Sep-18 | \$1.0136 | + | \$0 2265 | + | \$0.1000 | + | \$0.0045 | + | \$0.0862 | $=$ | \$1.4308 | 86,250 | \$123,404 |  |  | 86,250 |  |  | -\$0.1022 |
| Total |  |  |  |  |  |  |  |  |  |  |  | 575,000 | \$743,542 |  |  | 575,000 | \$684,777 | (\$58,765) | -\$0.1022 |

LIBERTY UTILITIES - KEENE DIVISION
COMPARISON OF CONTRACT COST TO HYPOTHETICAL SPOT COST WINTER SEASON 2018-2019 TO DATE

| Delivery <br> Month | Contract <br> Price <br> $\mathbf{( 1 )}$ | Contract <br> Volumes <br> $\mathbf{( 2 )}$ | Contract <br> Cost <br> $\mathbf{( 3 )}$ | Average <br> Spot Price <br> $\mathbf{( 4 )}$ | Contract <br> Volumes <br> $\mathbf{( 5 )}$ | Hypothetical <br> Spot Cost <br> $(\mathbf{6 )}$ | Incremental <br> Cost /(Savings) <br> of Plan <br> $\mathbf{( 7 )}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\mathbf{( 1 ) \times ( \mathbf { 2 ) }}$ |  |  | $\mathbf{( 4 ) \times ( 5 )}$ | $\mathbf{( 3 ) - ( 6 )}$ |
| Nov-18 | $\$ 1.2208$ | 75,346 | $\$ 91,979$ | $\$ 1.0501$ | 75,346 | $\$ 79,118$ | $\$ 12,861$ |
| Dec-18 | $\$ 1.2212$ | 115,000 | $\$ 140,437$ | $\$ 1.0090$ | 115,000 | $\$ 116,035$ | $\$ 24,402$ |
| Jan-19 | $\$ 1.2169$ | 134,828 | $\$ 164,069$ | $\$ 1.0352$ | 134,828 | $\$ 139,574$ | $\$ 24,495$ |
| Feb-19 | $\$ 1.1979$ | 111,034 | $\$ 133,012$ | $\$ 1.0402$ | 111,034 | $\$ 115,498$ | $\$ 17,514$ |
| Total |  |  | $\$ 529,496$ |  |  | $\$ 450,224$ | $\$ 79,272$ |

## LIBERTY UTILITIES - KEENE DIVISION

PROPANE PURCHASING STABILIZATION PLAN
PRE-PURCHASES AND DELIVERY SCHEDULE

| Delivery | Pre-Purchases (Gallons) |  |  |  |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Month | Apr-18 | May-18 | Jun-18 | Jul-18 | Aug-18 | Sep-18 |  |
| Nov-18 | 15,069 | 11,302 | 11,302 | 15,069 | 11,302 | 11,302 | 75,346 |
| Dec-18 | 23,000 | 17,250 | 17,250 | 23,000 | 17,250 | 17,250 | 115,000 |
| Jan-19 | 26,966 | 20,224 | 20,224 | 26,966 | 20,224 | 20,224 | 134,828 |
| Feb-19 | 22,207 | 16,655 | 16,655 | 22,207 | 16,655 | 16,655 | 111,034 |
| Mar-19 | 17,448 | 13,086 | 13,086 | 17,448 | 13,086 | 13,086 | 87,240 |
| Apr-19 | 10,310 | 7,733 | 7,733 | 10,310 | 7,733 | 7,733 | 51,552 |
| Total | 115,000 | 86,250 | 86,250 | 115,000 | 86,250 | 86,250 | 575,000 |
| Monthly $\%$ | $20.0 \%$ | $15.0 \%$ | $15.0 \%$ | $20.0 \%$ | $15.0 \%$ | $15.0 \%$ |  |

The monthly allocation percentage for the pre-purchases is unchanged.

## LIBERTY UTILITIES - KEENE DIVISION

CALCULATION OF PURCHASED GAS COSTS SUMMER PERIOD 2019

| LINENO. |  | 19\% | 13\% | 12\% | 13\% | 15\% | 28\% |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | MAY-19 | JUN-19 | JUL-19 | AUG-19 | SEP-19 | OCT-19 | TOTAL |
| 1 | TOTAL SENDOUT (GALLONS) | 75,775 | 51,784 | 47,608 | 53,084 | 59,744 | 110,871 | 398,866 |
| 2 | CHANGE TO END NG NVENTORY BALANCE (GALLONS) | - | - | - | - | - | - | - |
| 3 | TOTAL REQUIRED PURCHASES (GALLONS) | 75,775 | 51,784 | 47,608 | 53,084 | 59,744 | 110,871 | 398,866 |
| 4 | PROPANE PURCHASE STABILIZATION PLAN DELIVERIES |  |  |  |  |  |  |  |
| 5 | GALLONS | - | - | - | - | - | - | - |
| 6 | RATES - from Schedule D |  |  |  |  |  |  |  |
| 7 | Contract Price | \$0.0000 | \$0.0000 | \$0.0000 | \$0 0000 | \$0 0000 | \$0.0000 |  |
| 8 | Broker Fee | incl. | incl. | incl. | incl. | incl. | incl. |  |
| 9 | Pipeline Fee | incl. | incl. | incl. | incl. | incl. | incl. |  |
| 10 | PERC Fee | incl. | incl. | incl. | incl. | incl. | incl. |  |
| 11 | Trucking Fee | incl. | incl. | incl. | incl. | incl. | incl. |  |
| 12 | COST PER GALLON | \$0.0000 | \$0.0000 | \$0.0000 | \$0 0000 | \$0 0000 | \$0.0000 |  |
| 13 | TOTAL COST - Propane Purchase Stabilization Plan Deliveries | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 14 | AMHERST STORAGE PROPANE DELIVERIES |  |  |  |  |  |  |  |
| 15 | GALLONS | - | - | - | - | - | - | - |
| 16 | RATES - from Schedule F |  |  |  |  |  |  |  |
| 17 | WACOG Price | \$0.0000 | \$0.0000 | \$0.0000 | \$0 0000 | \$0 0000 | \$0.0000 |  |
| 18 | Trucking Fee | \$0.0000 | \$0.0000 | \$0.0000 | \$0 0000 | \$0 0000 | \$0.0000 |  |
| 19 | COST PER GALLON | \$0.0000 | \$0.0000 | \$0.0000 | \$0 0000 | \$0 0000 | \$0.0000 |  |
| 20 | TOTAL COST - Amherst Storage Propane Deliveries | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 21 | CNG DELIVERIES |  |  |  |  |  |  |  |
| 22 | GALLONS | 25,804 | 7,466 | 6,883 | 16,580 | 11,652 | 9,913 | 78,298 |
| 23 | RATE |  |  |  |  |  |  |  |
| 24 | PRICE |  |  |  |  |  |  |  |
| 25 | COST PER GALLON |  |  |  |  |  |  |  |
| 26 | COST - CNG |  |  |  |  |  |  |  |
| 27 | DEMAND FIXED |  |  |  |  |  |  |  |
| 28 | COST PER GALLON |  |  |  |  |  |  |  |
| 29 | TOTAL CNG |  |  |  |  |  |  |  |
| 30 | SPOT PURCHASES |  |  |  |  |  |  |  |
| 31 | GALLONS | 49,971 | 44,318 | 40,725 | 36,504 | 48,092 | 100,958 | 320,568 |
| 32 | RATES - from Schedule E |  |  |  |  |  |  |  |
| 33 | Mont Belvieu 3/11/19 |  |  |  |  |  |  |  |
| 34 | Broker Fee |  |  |  |  |  |  |  |
| 35 | Pipeline Fee |  |  |  |  |  |  |  |
| 36 | PERC Fee |  |  |  |  |  |  |  |
| 37 | Supplier Charge |  |  |  |  |  |  |  |
| 38 | Trucking Fee |  |  |  |  |  |  |  |
| 39 | COST PER GALLON - Market Quotes |  |  |  |  |  |  |  |
| 40 | TOTAL COST - Spot Purchases |  |  |  |  |  |  |  |
| 41 | OTHER ITEMS |  |  |  |  |  |  |  |
| 42 | Storage - Winter Period 2015-2016 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 43 | Refund of Deferred Revenue Surcharge overcollection | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 44 | TOTAL OTHER ITEMS | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 45 | TOTAL |  |  |  |  |  |  |  |
| 46 | GALLONS | 75,775 | 51,784 | 47,608 | 53,084 | 59,744 | 110,871 | 398,866 |
| 47 | THERMS | 69,336 | 47,383 | 43,562 | 48,573 | 54,667 | 101,449 | 364,970 |
| 48 | COST | \$70,576 | \$52,462 | \$48,618 | \$51,567 | \$59,357 | \$110,487 | \$393,067 |
| 49 | COST PER GALLON | \$0.9314 | \$1.0131 | \$1.0212 | \$0 9714 | \$0 9935 | \$0.9965 | \$0.9855 |
| 50 | COST PER THERM | \$1.0179 | \$1.1072 | \$1.1161 | \$1 0616 | \$1 0858 | \$1.0891 | \$1.0770 |

