

## LIBERTY UTILITIES - KEENE DIVISION

CALCULATION OF COST OF GAS RATE  
SUPPLY / DEMAND BALANCE  
WINTER PERIOD 2019 - 2020

	PRIOR	Actual Nov-19	Actual Dec-19	Actual Jan-20	Actual Feb-20	Forecast Mar-20	Forecast Apr-20	TOTAL
<u>PROPANE COSTS</u>								
1 PROPANE FIRM SENDOUT (therms)		151,341	200,079	198,629	179,376	146,760	86,050	962,235
2 COMPANY USE (therms)		5,076	5,297	5,806	5,386	6,854	2,028	30,447
3 TOTAL PROPANE SENDOUT (therms)		156,417	205,376	204,435	184,762	153,614	88,078	992,682
4 COST PER THERM (WACOG)		\$0.8820	\$0.9404	\$0.9705	\$0.9633	\$0.9813	\$0.9897	
5 TOTAL CALCULATED COST OF PROPANE		\$137,953	\$193,134	\$198,409	\$177,980	\$150,748	\$87,174	\$945,397
6 PROPANE ADJUSTMENTS		\$3,209	\$11,602	(\$3,583)		\$0	\$0	\$11,228
7 TOTAL COST OF PROPANE		\$141,162	\$204,736	\$194,826	\$177,980	\$150,748	\$87,174	\$956,626
<u>CNG COSTS</u>								
7 TOTAL CNG SENDOUT (therms)		24,323	34,513	34,020	31,669	23,455	26,238	174,218
8 CNG DEMAND CHARGES		\$10,417	\$8,333	\$8,333	\$8,333	\$32,292	\$32,292	\$100,000
9 CNG COMMODITY CHARGES		\$26,803	\$41,023	\$39,005	\$25,611	\$18,858	\$19,690	\$170,989
10 CNG ADJUSTMENTS		\$0	\$6,250	\$0	\$0	\$0	\$0	\$6,250
11 TOTAL CNG COSTS		\$37,219	\$55,606	\$47,338	\$33,944	\$51,150	\$51,982	\$277,239
12 ACCOUNTING ADJUSTMENT		\$0	\$0	\$0	\$0	\$0	\$0	\$0
13 TOTAL COSTS OF GAS		\$178,381	\$260,342	\$242,164	\$211,924	\$201,898	\$139,156	\$1,233,865
14 FPO PREMIUM		\$0	\$0	\$0	\$0	(\$879)	(\$625)	(\$1,504)
15 RETURN ON INVENTORY		\$2,354	\$2,354	\$2,354	\$2,354	\$2,354	\$2,354	\$14,126
<u>REVENUES</u>								
16 BILLED FPO SALES (therms)		1,130	15,187	17,503	14,648	0	0	
17 COG FPO RATE		\$0.9692	\$0.9692	\$0.9692	\$0.9692	\$0.9692	\$0.9692	
		\$1,095	\$14,719	\$16,964	\$14,197	\$0	\$0	\$46,975
18 BILLED NON-FPO SALES PRIOR MONTH (therms)		0	0	243,819	189,929	0	0	
19 COG NON-FPO RATE PRIOR MONTH		\$0.9492	\$0.9492	\$0.9492	\$0.9686	\$0.9352	\$0.6906	
		\$0	\$0	\$231,433	\$183,965	\$0	\$0	\$415,398
20 BILLED NON-FPO SALES CURRENT MONTH (therms)		7,355	175,567	32,145	20,845	231,329	164,526	
21 COG NON-FPO RATE CURRENT MONTH		\$0.9492	\$0.9492	\$0.9686	\$0.9352	\$0.6906	\$0.6906	
		\$6,981	\$166,649	\$31,136	\$19,495	\$159,756	\$113,622	\$497,638
22 BILLED SALES OTHER PRIOR PERIODS		0	0	0	(17,747)	0	0	
23 COG OTHER PRIOR PERIODS BLENDED RATE		\$0.0000	\$0.4843	\$0.4843	\$0.9492	\$0.0000	\$0.0000	
		\$0	\$0	\$0	(\$16,845)	\$0	\$0	(\$16,845)
24 TOTAL SALES		8,485	190,754	293,467	207,675	231,329	164,526	1,096,237
25 TOTAL BILLED REVENUES		\$8,077	\$181,368	\$279,533	\$200,811	\$159,756	\$113,622	\$943,166
26 UNBILLED REVENUES (NET)		\$154,760	\$41,801	(\$9,693)	(\$15,563)	\$0	\$0	\$171,304
27 TOTAL REVENUES		\$162,836	\$223,169	\$269,839	\$185,248	\$159,756	\$113,622	\$1,114,470
28 (OVER)/UNDER COLLECTION		\$17,899	\$39,528	(\$25,321)	\$29,031	\$43,617	\$27,263	\$133,521
29 INTEREST AMOUNT		(\$630)	(\$525)	(\$510)	(\$373)	(\$426)	(\$273)	(\$2,737)
30 FINAL (OVER)/UNDER COLLECTION	(\$170,381)	\$17,269	\$39,003	(\$25,831)	\$28,658	\$43,191	\$26,990	(\$41,101)

FORECASTED (OVER)/UNDER COLLECTION (before rate change)

DIVIDED BY REMAINING FORECASTED SALES FOR PERIOD

CHANGE TO NON-FPO COG RATE REQUIRED TO ELIMINATE FORECASTED OVER/UNDER COLLECTION

\*\* CURRENT NON-FPO COST OF GAS RATE

BEGINNING WINTER PERIOD NON-FPO COST OF GAS RATE

MAXIMUM ALLOWABLE NON-FPO COST OF GAS RATE

MAXIMUM ALLOWABLE INCREASE

REVISED NON-FPO COST OF GAS RATE

(\$41,101)

164,526

(\$0.2498)

\$0.6906

\$0.9492

\$1.1865

\$0.2373

\$0.4408

LIBERTY UTILITIES (ENERGNORTH NATURAL GAS) CORP D/B/A LIBERTY UTILITIES - KEENE DIVISION ELECTS TO IMPLEMENT A \$0.2498 DECREASE TO THE NON-FPO COST OF GAS RATE.

Mont Belvieu Futures Prices (per gallon)

Winter COG Filing - quotations

Winter COG Filing - quotations - 12/12/2019

Winter COG Filing - quotations - 01/21/2020

Winter COG Filing - quotations - 02/10/2020

Winter COG Filing - quotations - 03/18/2020

Nov-19

Dec-19

Jan-20

Feb-20

Mar-20

Apr-20

\$0.4656

\$0.4776

\$0.4894

\$0.4931

\$0.4794

\$0.4669

\$0.5190

\$0.5225

\$0.5275

\$0.5113

\$0.4956

\$0.4362

\$0.4250

\$0.4275

\$0.4294

\$0.3739

\$0.3769

\$0.3800

\$0.2892

\$0.2175