

LIBERTY UTILITIES - KEENE DIVISION

CALCULATION OF COST OF GAS RATE
SUPPLY / DEMAND BALANCE
SUMMER PERIOD 2020

	PRIOR	Actual May-20	Actual Jun-20	Actual Jul-20	Actual Aug-20	Actual Sep-20	Actual Oct-20	TOTAL
PROPANE COSTS								
1	PROPANE FIRM SENDOUT (therms)							
2	COMPANY USE (therms)							
3	TOTAL PROPANE SENDOUT (therms) (line 1 + line 2)							
4	COST PER THERM (WACOG)							
5	TOTAL CALCULATED COST OF PROPANE (line 3 * line 4)							
6	PROPANE ADJUSTMENTS	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7	TOTAL COST OF PROPANE (line 5 + line 6)	\$51,013	\$29,746	\$28,316	\$26,183	\$33,048	\$62,249	\$230,555
CNG COSTS								
8	CNG SENDOUT (therms)							
9	COST PER THERM (WACOG)							
10	TOTAL CALCULATED COST OF CNG (line 8 * line 9)							
11	CNG ADJUSTMENTS							
12	TOTAL COST OF CNG (line 10 + line 11)							
13	ACCOUNTING ADJUSTMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0
14	TOTAL COSTS OF GAS (line 7 + line 12 + line 13)							
15	FPO PREMIUM	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
16	RETURN ON INVENTORY	\$0	\$0	\$0	\$0	\$0	\$0	\$0
REVENUES								
17	BILLED FPO SALES (therms)	0	0	0	0	0	0	0
18	COG FPO RATE	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
19	BILLED FPO SALES (line 17 * line 18)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20	BILLED NON-FPO SALES PRIOR MONTH (therms)	0	52,944	26,148	0	0	0	0
21	COG NON-FPO RATE PRIOR MONTH	\$0.0000	\$0.6326	\$0.6816	\$0.7908	\$0.0000	\$0.0000	\$0.0000
22	BILLED NON-FPO SALES PRIOR MONTH (line 20 * line 21)	\$0	\$33,492	\$17,822	\$0	\$0	\$0	\$51,315
23	BILLED NON-FPO SALES CURRENT MONTH (therms)	11,545	14,977	32,217	40,730	53,526	59,572	212,567
24	COG NON-FPO RATE CURRENT MONTH	\$0.6326	\$0.6816	\$0.7908	\$0.7908	\$0.7908	\$0.7908	\$0.7908
25	BILLED NON-FPO SALES CURRENT MONTH (line 23 * line 24)	\$7,303	\$10,208	\$25,477	\$32,209	\$42,328	\$47,110	\$164,636
26	BILLED SALES OTHER PRIOR PERIODS	(18,478)	0	140	260	2,926	(2,751)	
27	COG OTHER PRIOR PERIODS BLENDED RATE	\$0.4843	\$0.0000	\$0.6326	\$0.6761	\$0.6612	\$0.6613	
28	BILLED SALES OTHER PRIOR PERIODS (line 26 * line 27)	(\$8,949)	\$0	\$89	\$176	\$1,935	(\$1,819)	(\$8,569)
29	TOTAL SALES (line 17 + line 20 + line 23 + line 26)	(6,933)	67,921	58,505	40,990	56,452	56,821	273,756
30	TOTAL BILLED REVENUES (line 19 + line 22 + line 25 + line 28)	(\$1,646)	\$43,701	\$43,388	\$32,385	\$44,263	\$45,290	\$207,381
31	UNBILLED REVENUES (NET)	\$30,643	(\$16,733)	(\$5,380)	(\$110)	\$3,766	\$18,071	\$30,257
32	TOTAL REVENUES (line 30 + line 31)	\$28,997	\$26,968	\$38,008	\$32,275	\$48,029	\$63,361	\$237,638
33	(OVER)/UNDER COLLECTION (line 14 + line 15 + line 16 - line 32)	\$31,040	\$10,511	\$166	\$38,695	(\$5,115)	\$11,496	\$86,794
34	INTEREST AMOUNT	(\$111)	(\$52)	(\$82)	(\$29)	\$17	\$26	(\$232)
35	FINAL (OVER)/UNDER COLLECTION (line 33 + line 34)	(\$71,214)	\$30,929	\$10,459	\$85	\$38,666	(\$5,098)	\$15,349

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LIBERTY UTILITIES - KEENE DIVISION

CALCULATION OF COST OF GAS RATE
SUMMER PERIOD 2020

LINE NO.		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
		<u>Therms</u>	<u>Cost</u>	<u>Therm</u>	<u>Gal.</u>	<u>CNG therms</u>	<u>Cost</u>	<u>Total Sendout</u>	<u>Total Cost</u>	<u>Therm Rate</u>
								(1)+(5)	(2)+(6)	(8) / (7)
1	May 2020 (actual)									
2	Beginning Balance	63,622	\$58,846	\$0.9249	\$0.8463					
3	Purchases Received	55,502	\$49,501	\$0.8919	\$0.8161					
4	Total Available	119,124	\$108,347	\$0.9095	\$0.8322					
5	Less Sendout	56,087	\$51,013	\$0.9095	\$0.8322					
6	Ending Balance	63,037	\$57,334	\$0.9095	\$0.8322					ok
7	June 2020 (actual)									
8	Beginning Balance	63,037	\$57,334	\$0.9095	\$0.8322					
9	Purchases Received	18,314	\$15,366	\$0.8391	\$0.7678					
10	Total Available	81,351	\$72,700	\$0.8937	\$0.8177					
11	Less Sendout	33,286	\$29,746	\$0.8937	\$0.8177					
12	Ending Balance	48,066	\$42,954	\$0.8937	\$0.8177					ok
13	July 2020 (actual)									
14	Beginning Balance	48,066	\$42,954	\$0.8937	\$0.8177					
15	Purchases Received	36,564	\$29,895	\$0.8176	\$0.7481					
16	Total Available	84,630	\$72,849	\$0.8608	\$0.7876					
17	Less Sendout	32,895	\$28,316	\$0.8608	\$0.7876					
18	Ending Balance	51,735	\$44,533	\$0.8608	\$0.7876					ok
19	August 2020 (actual)									
20	Beginning Balance	51,735	\$44,533	\$0.8608	\$0.7876					
21	Purchases Received	131,267	\$100,417	\$0.7650	\$0.7000					
22	Total Available	183,002	\$144,950	\$0.7921	\$0.7248					
23	Less Sendout	33,056	\$26,183	\$0.7921	\$0.7248					
24	Ending Balance	149,946	\$118,767	\$0.7921	\$0.7248					ok
25	September 2020 (actual)									
26	Beginning Balance	149,946	\$118,767	\$0.7921	\$0.7248					
27	Purchases Received	59,967	\$46,040	\$0.7678	\$0.7025					
28	Total Available	209,913	\$164,807	\$0.7851	\$0.7184					
29	Less Sendout	42,093	\$33,048	\$0.7851	\$0.7184					
30	Ending Balance	167,820	\$131,759	\$0.7851	\$0.7184					ok
31	October 2020 (actual)									
32	Beginning Balance	167,820	\$131,759	\$0.7851	\$0.7184					
33	Purchases Received	64,729	\$63,162	\$0.9758	\$0.8929					
34	Total Available	232,549	\$194,921	\$0.8382	\$0.7670					
35	Less Sendout	74,266	\$62,249	\$0.8382	\$0.7670					
36	Ending Balance	158,283	\$132,672	\$0.8382	\$0.7670					ok
37	AVERAGE SUMMER RATE - SENDOUT									
	propane sendout summer	271,683	\$230,555		cng sendout	64,810	\$	71,926.91		

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CALCULATION OF COST OF GAS RATE

LIBERTY UTILITIES - KEENE DIVISION
 CALCULATION OF PURCHASED GAS COSTS
 SUMMER PERIOD 2020

LINE NO.		Final May-20	Final Jun-20	Final Jul-20	Final Aug-20	Final Sep-20	Final Oct-20	TOTAL
1	TOTAL REQUIRED PURCHASES (therms)	[REDACTED]						
2	PROPANE PURCHASE STABILIZATION PLAN DELIVERIES							
3	Therms	-	-	-	-	-	-	-
4	<u>RATES</u> - from Schedule D							
5	Contract Price	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
6	Broker Fee	incl.	incl.	incl.	incl.	incl.	incl.	
7	Pipeline Fee	incl.	incl.	incl.	incl.	incl.	incl.	
8	PERC Fee	incl.	incl.	incl.	incl.	incl.	incl.	
9	Trucking Fee	incl.	incl.	incl.	incl.	incl.	incl.	
10	COST PER GALLON	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
11	TOTAL COST - Propane Purchase Stabilization Plan Deliveries	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12	AMHERST STORAGE PROPANE DELIVERIES							
13	Therms	-	-	-	-	-	-	-
14	<u>RATES</u> - from Schedule F							
15	WACOG Price	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
16	Trucking Fee	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
17	COST PER GALLON	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
18	TOTAL COST - Amherst Storage Propane Deliveries	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	CNG DELIVERIES							
20	Therms	[REDACTED]						
21	RATE	[REDACTED]						
22	(INDEX (AGT + 4.95) + 1.25	[REDACTED]						
23	COST PER THERM	[REDACTED]						
24	COST - CNG	[REDACTED]						
25	DEMAND FIXED	[REDACTED]						
26	TOTAL CNG	[REDACTED]						
27	SPOT PURCHASES							
28	Therms	[REDACTED]						
29	<u>RATES</u> - from Schedule E							
30	COST PER THERM	\$0.8919	\$0.8391	\$0.8176	\$0.7650	\$0.7678	\$0.9758	\$0.8309
31	TOTAL COST - Spot Purchases	[REDACTED]						
32	OTHER ITEMS							
33	Inject/withdraw from storage	585	14,972	(3,669)	(98,211)	(17,874)	9,537	
34	Storage - summer Period 2020	\$0.9095	\$0.8937	\$0.8608	\$0.7921	\$0.7851	\$0.8382	
35	TOTAL cost inject/withdraw	\$532	\$13,379	(\$3,158)	(\$77,790)	(\$14,033)	\$7,994	
36	TOTAL							
37	THERMS	[REDACTED]						
38	COST	[REDACTED]						
39	THERMS FROM CNG	[REDACTED]						
40	COST	[REDACTED]						
41	COST PER THERM	\$0.9434	\$0.9478	\$0.9098	\$0.8781	\$0.8540	\$0.8729	\$0.8989