

NHPUC NO. 1 - GAS DELIVERY  
LIBERTY UTILITIES - KEENE DIVISION

Fourteenth Revised Page 90  
Superseding Thirteenth Revised Page 90

Period Covered: Summer Period May 1, 2021, through October 31, 2021

Projected Gas Sales - therms		311,740
Total Anticipated Cost of Sendout		\$391,712
Add: Prior Period Deficiency Uncollected Interest	\$0	\$0
Deduct: Prior Period Excess Collected Interest	(\$23,223)	\$18
Prior Period Adjustments and Interest		(\$23,205)
Total Anticipated Cost		<u>\$368,507</u>
Cost of Gas Rate - Beginning Period (per therm)		<u><u>\$1.1821</u></u>

Pursuant to tariff section 17(d), the Company may adjust the approved cost of gas rate upward on a monthly basis to the following rate:

Maximum Cost of Gas Rate (per therm)	<u><u>\$1.4776</u></u>
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Dated: April \_\_, 2019  
Effective: May 1, 2019

Issued By: /s/ Susan L. Fleck  
Susan L. Fleck  
Title: President

LIBERTY UTILITIES - KEENE DIVISION

CALCULATION OF COST OF GAS RATE  
SUPPLY / DEMAND BALANCE  
SUMMER PERIOD 2021

	(1) PRIOR	(2) May-21	(3) Jun-21	(4) Jul-21	(5) Aug-21	(6) Sep-21	(7) Oct-21	(8) TOTAL
<b>PROPANE COSTS</b>								
1 PROPANE FIRM SENDOUT (therms)								
2 COMPANY USE (therms)								
3 TOTAL PROPANE SENDOUT (therms)								
4 COST PER THERM (WACOG)		\$1,0998	\$1,0882	\$1,1287	\$1,1493	\$1,1648	\$1,1770	
5 TOTAL CALCULATED COST OF PROPANE		\$53,740	\$35,787	\$48,253	\$38,616	\$48,838	\$84,345	\$309,879
6 PROPANE ADJUSTMENTS		\$0	\$0	\$0	\$0	\$0	\$0	\$0
7 TOTAL COST OF PROPANE		\$53,740	\$35,787	\$48,253	\$38,616	\$48,838	\$84,345	\$309,879
<b>CNG COSTS</b>								
7 CNG SENDOUT (therms)								
8 COST PER THERM (WACOG)								
9 TOTAL CALCULATED COST OF CNG								
10 CNG DEMAND CHARGES								
11 CNG ADJUSTMENTS - Demand Charges Aug 2017 - Sep 2019 included in Col. 1, line 31								
12 TOTAL CNG COSTS								
13 ACCOUNTING ADJUSTMENT		\$0	\$0	\$0	\$0	\$0	\$0	\$0
14 FPO PREMIUM		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
15 TOTAL COSTS OF GAS								
16 RETURN ON INVENTORY		\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>REVENUES</b>								
17 BILLED FPO SALES (therms)		0	0	0	0	0	0	
18 COG FPO RATE		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0
19 BILLED NON-FPO SALES PRIOR MONTH (therms)		0	0	0	0	0	0	
20 COG NON-FPO RATE PRIOR MONTH		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0
21 BILLED NON-FPO SALES CURRENT MONTH (therms)		58,849	40,214	42,759	40,487	48,422	81,009	311,740
22 COG NON-FPO RATE CURRENT MONTH		\$1,1826	\$1,1826	\$1,1826	\$1,1826	\$1,1826	\$1,1826	\$388,649
23 BILLED SALES OTHER PRIOR PERIODS		0	0	0	0	0	0	
24 COG OTHER PRIOR PERIODS BLENDED RATE		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0
25 TOTAL SALES		58,849	40,214	42,759	40,487	48,422	81,009	311,740
26 TOTAL BILLED REVENUES		\$69,592	\$47,555	\$50,565	\$47,878	\$57,262	\$95,797	\$388,649
27 UNBILLED REVENUES (NET)		\$0	\$0	\$0	\$0	\$0	\$0	\$0
28 TOTAL REVENUES		\$69,592	\$47,555	\$50,565	\$47,878	\$57,262	\$95,797	\$388,649
29 (OVER)/UNDER COLLECTION		(\$2,698)	\$2,603	\$11,675	\$3,873	\$4,034	\$3,806	\$23,294
30 INTEREST AMOUNT			(\$67)	(\$48)	(\$27)	(\$16)	(\$6)	(\$231)
31 FINAL (OVER)/UNDER COLLECTION		(\$23,205)	(\$2,765)	\$2,536	\$11,627	\$3,846	\$3,800	(\$144)

SUBJECT TO CONFIDENTIAL TREATMENT

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
<b>PROPANE COSTS</b>								
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
<b>CNG COSTS</b>								
8	CNG SENDOUT (therms)							
9	COST PER THERM (WACOG)							
10	TOTAL CALCULATED COST OF CNG (line 8 * line 9)							
11	Less Incremental CNG Supply Costs (Staff DR 1-6) CNG ADJUSTMENTS	(\$2,444)	(\$2,769)	(\$2,732)	(\$3,324)	(\$3,762)	(\$1,183)	\$16,214
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
<b>REVENUES</b>								
17	BILLED FPO SALES (therms)	0	0	0	0	0	0	
18	COG FPO RATE	\$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	
21	COG NON-FPO RATE PRIOR MONTH	\$0.0000	\$0.6326	\$0.6816	\$0.7908	\$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	
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)	\$28,596	\$7,742	(\$2,566)	\$35,371	(\$8,877)	\$10,313	\$70,580
34	INTEREST AMOUNT	(\$111)	(\$52)	(\$82)	(\$29)	\$17	\$26	(\$232)
35	FINAL (OVER)/UNDER COLLECTION (line 33 + line 34)	(\$71,214)	\$28,485	(\$2,647)	\$35,342	(\$8,860)	\$10,339	(\$865)

SUBJECT TO CONFIDENTIAL TREATMENT

Summer 2020 Audi \$ (30,255.00)  
\$ (31,120.29)

SCHEDULE 1-2

LIBERTY UTILITIES - KEENE DIVISION  
Typical Residential Heating Bill - Non-Fixed Price Option Program  
Forecasted 2021 Summer Period vs. Actual 2020 Summer Period

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	Winter Nov-Apr	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Summer May-Oct	Total Nov-Oct
<b>12 MONTHS ENDED 10/2020</b>															
Typical Usage - therms (1)	39	69	81	103	89	66	447	35	18	9	7	7	11	87	534
<b>Residential Heating</b>															
Nov-19 - Apr-20															
Winter															
Customer Charge	\$15.20	\$15.20	\$15.20	\$15.20	\$15.20	\$15.20	\$91.20	\$15.20	\$15.20	\$15.50	\$15.50	\$15.50	\$15.50	\$92.40	\$183.60
Delivery Charge:															
All therms @	\$0.5569	\$0.5569	\$0.5678	\$0.5678	\$0.5678	\$0.5678	\$248.93	\$19.43	\$9.96	\$5.22	\$3.80	\$4.08	\$6.35	\$48.84	\$297.77
<b>Base Delivery Revenue Total</b>	<b>\$36.68</b>	<b>\$53.71</b>	<b>\$60.23</b>	<b>\$72.67</b>	<b>\$64.78</b>	<b>\$52.06</b>	<b>\$340.13</b>	<b>\$34.63</b>	<b>\$25.16</b>	<b>\$20.72</b>	<b>\$19.30</b>	<b>\$19.58</b>	<b>\$21.85</b>	<b>\$141.24</b>	<b>\$481.37</b>
Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
<b>Deferred Revenue Surcharge Total</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
COG Rates	0.9492	0.9492	0.9686	0.9352	0.6906	0.4408	0.8227	0.6326	0.6816	0.7908	0.7908	0.7908	0.7908	0.7049	0.8035
<b>Cost of Gas Total</b>	<b>\$36.61</b>	<b>\$65.64</b>	<b>\$78.31</b>	<b>\$96.50</b>	<b>\$61.48</b>	<b>\$29.18</b>	<b>\$367.72</b>	<b>\$22.08</b>	<b>\$12.19</b>	<b>\$7.26</b>	<b>\$5.29</b>	<b>\$5.68</b>	<b>\$8.85</b>	<b>\$61.35</b>	<b>\$429.07</b>
LDAC Rate	\$0.0660	\$0.0660	\$0.0660	\$0.0660	\$0.0660	\$0.0660		\$0.0660	\$0.0660	\$0.0660	\$0.0660	\$0.0660	\$0.0660		
<b>LDAC Total</b>	<b>\$2.55</b>	<b>\$4.56</b>	<b>\$5.34</b>	<b>\$6.81</b>	<b>\$5.88</b>	<b>\$4.37</b>	<b>\$29.50</b>	<b>\$2.30</b>	<b>\$1.18</b>	<b>\$0.61</b>	<b>\$0.44</b>	<b>\$0.47</b>	<b>\$0.74</b>	<b>\$5.74</b>	<b>\$35.25</b>
<b>Total Bill</b>	<b>\$76</b>	<b>\$124</b>	<b>\$144</b>	<b>\$176</b>	<b>\$132</b>	<b>\$86</b>	<b>\$737</b>	<b>\$59</b>	<b>\$39</b>	<b>\$29</b>	<b>\$25</b>	<b>\$26</b>	<b>\$31</b>	<b>\$208</b>	<b>\$946</b>
<b>12 MONTHS ENDED 10/2021</b>															
Typical Usage - therms (1)	39	69	81	103	89	66	447	35	18	9	7	7	11	87	534
<b>Residential Heating</b>															
Nov-20 - Apr-21															
Winter															
Customer Charge	\$15.50	\$15.50	\$15.50	\$15.50	\$15.50	\$15.50	\$93.00	\$15.50	\$15.50	\$15.50	\$15.50	\$15.50	\$15.50	\$93.00	\$186.00
Delivery Charge:															
All therms @	\$0.5678	\$0.5678	\$0.5678	\$0.5678	\$0.5678	\$0.5678	\$253.80	\$19.81	\$10.16	\$5.22	\$3.80	\$4.08	\$6.35	\$49.42	\$303.22
<b>Base Delivery Revenue Total</b>	<b>\$37.40</b>	<b>\$54.77</b>	<b>\$61.41</b>	<b>\$74.09</b>	<b>\$66.05</b>	<b>\$53.08</b>	<b>\$346.80</b>	<b>\$35.31</b>	<b>\$25.66</b>	<b>\$20.72</b>	<b>\$19.30</b>	<b>\$19.58</b>	<b>\$21.85</b>	<b>\$142.42</b>	<b>\$489.22</b>
Seasonal Base Delivery Difference from previous year							\$6.67							\$1.18	\$7.85
Seasonal Percent Change from previous year							2.0%							0.8%	1.6%
Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
<b>Deferred Revenue Surcharge Total</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
COG Rates	\$1.0253	\$1.0253	\$0.9970	\$0.9928	\$0.9928	\$0.9928	\$1.0014	\$1.1821	\$1.1821	\$1.1821	\$1.1821	\$1.1821	\$1.1821	\$1.1822	\$1.0309
<b>Cost of Gas Total</b>	<b>\$39.54</b>	<b>\$70.90</b>	<b>\$80.61</b>	<b>\$102.45</b>	<b>\$88.39</b>	<b>\$65.72</b>	<b>\$447.61</b>	<b>\$41.25</b>	<b>\$21.15</b>	<b>\$10.86</b>	<b>\$7.91</b>	<b>\$8.49</b>	<b>\$13.23</b>	<b>\$102.89</b>	<b>\$550.50</b>
LDAC Rate	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589		\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589		
<b>LDAC Total</b>	<b>\$2.27</b>	<b>\$4.07</b>	<b>\$4.76</b>	<b>\$6.08</b>	<b>\$5.24</b>	<b>\$3.90</b>	<b>\$26.32</b>	<b>\$2.06</b>	<b>\$1.05</b>	<b>\$0.54</b>	<b>\$0.39</b>	<b>\$0.42</b>	<b>\$0.66</b>	<b>\$5.12</b>	<b>\$31.44</b>
Seasonal COG Difference from previous year							\$79.89							\$41.54	\$121.43
Seasonal Percent Change from previous year							21.7%							67.7%	28.3%
<b>Total Bill</b>	<b>\$79</b>	<b>\$130</b>	<b>\$147</b>	<b>\$183</b>	<b>\$160</b>	<b>\$123</b>	<b>\$821</b>	<b>\$79</b>	<b>\$48</b>	<b>\$32</b>	<b>\$28</b>	<b>\$28</b>	<b>\$36</b>	<b>\$250</b>	<b>\$1,071</b>
Seasonal Total Bill Difference from previous year							\$83.28							\$42.10	\$125.47
Seasonal Percent Change from previous year							11.3%							20.2%	13.3%
Seasonal Percent Change resulting from Base Rates (incl. Def. Revenue Surch.)							-3.1%							-2.2%	-2.9%
Seasonal Percent Change resulting from COG							10.8%							19.9%	12.8%
Seasonal Percent Change resulting from LDAC							-0.4%							-0.3%	-0.4%

(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

LIBERTY UTILITIES - KEENE DIVISION  
CALCULATION OF PURCHASED GAS COSTS  
SUMMER PERIOD 2021

LINE NO.		May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	TOTAL
1	TOTAL SENDOUT (therms)	[REDACTED]						
2	CHANGE TO ENDING INVENTORY BALANCE (therms)	-	-	-	-	-	-	-
3	TOTAL REQUIRED PURCHASES (therms)	59,902	40,768	51,532	41,342	49,416	82,641	325,602
4	<b>PROPANE PURCHASE STABILIZATION PLAN DELIVERIES</b>							
5	Therms	-	-	-	-	-	-	-
6	<b>RATES</b> - 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	<b>AMHERST STORAGE PROPANE DELIVERIES</b>							
15	Therms	-	-	-	-	-	-	-
16	<b>RATES</b> - 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	<b>CNG DELIVERIES</b>							
22	Therms	[REDACTED]						
23	RATE	[REDACTED]						
24	PRICE	[REDACTED]						
25	COST PER Therm	[REDACTED]						
26	COST - CNG	[REDACTED]						
27	DEMAND FIXED	[REDACTED]						
28	COST PER Therm	[REDACTED]						
29	TOTAL CNG	[REDACTED]						
30	<b>SPOT PURCHASES</b>							
31	Therms	50,602	30,268	40,132	31,242	39,316	69,041	260,602
32	<b>RATES</b> - from Schedule C							
33	Mont Belvieu	[REDACTED]						
34	Broker Fee	[REDACTED]						
35	Pipeline Fee	[REDACTED]						
36	PERC Fee	[REDACTED]						
37	Supplier Charge	[REDACTED]						
38	Trucking Fee	[REDACTED]						
39	COST PER GALLON - Market Quotes	[REDACTED]						
40	COST PER THERM - Market Quotes	[REDACTED]						
41	TOTAL COST - Spot Purchases	[REDACTED]						
42	<b>OTHER ITEMS</b>							
43	Storage - Winter Period 2019-2020	\$0	\$0	\$0	\$0	\$0	\$0	\$0
44	Refund of Deferred Revenue Surcharge over collection	\$0	\$0	\$0	\$0	\$0	\$0	\$0
45	TOTAL OTHER ITEMS	\$0	\$0	\$0	\$0	\$0	\$0	\$0
46	<b>TOTAL</b>							
47	THERMS	59,902	40,768	51,532	41,342	49,416	82,641	325,602
48	SENDOUT THERMS	59,902	40,768	51,532	41,342	49,416	82,641	325,602
49	COST	\$76,308	\$51,073	\$61,734	\$49,950	\$59,163	\$97,275	\$395,501
50	COST PER THERM	\$1.2739	\$1 2528	\$1.1980	\$1.2082	\$1.1972	\$1.1771	\$1 2147

SUBJECT TO CONF DENTIAL TREATMENT

	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21
AGT CITYGATE as of 2/26/2021	2.3443	2 5271	2.5989	2.5206	2.1465	\$2.199
CNG USAGE MMBtu Therms 2 year Average	10,151 50	7,604.00	9,177 50	9,015.50	10,037.50	11,852 00