

**Liberty Utilities (EnergyNorth Natural Gas) Corp.
Off Peak 2016 Summer Cost of Gas Filing**

Filed Tariff Sheets

Proposed Thirteenth Revised Page 1
Check Sheet

Proposed Twelfth Revised Page 3
Check Sheet (Cont'd)

Proposed Eleventh Revised Page 74
Firm Rate Schedules

Proposed First Revised Page 74-A
Firm Rate Schedules

Proposed Tenth Revised Page 77
Calculation of Firm Sales Cost of Gas Rate

CHECK SHEET

The title page and pages 1-94 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

<u>Page</u>	<u>Revision</u>
Title	Original
1	Thirteenth Revised
2	First Revised
3	Twelfth Revised
4	Original
5	Original
6	Second Revised
7	Original
8	Original
9	First Revised
10	Second Revised
11	First Revised
12	First Revised
13	First Revised
14	Original
15	Original
16	Original
17	Original
18	Original
19	Original
20	Original
21	Original
22	Original
23	Original
24	Original
25	Original
26	Original
27	Original
28	Original
29	Original
30	Original

Issued: September 23, 2016
Effective: October 1, 2016

Issued by: /s/ David R. Swain
David R. Swain
Title: President

Issued in compliance with NHPUC Order No. 25,884 dated April 21, 2016 in Docket No. DG 16-315.

CHECK SHEET (Cont'd)

The title page and pages 1-94 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

<u>Page</u>	<u>Revision</u>
61	First Revised
62	Original
63	First Revised
64	Original
65	First Revised
66	Original
67	First Revised
68	Original
69	First Revised
70	Original
71	First Revised
72	Original
73	Original
74	Eleventh Revised
74-A	First Revised
75	Original
76	Second Revised
77	Tenth Revised
78	First Revised
79	First Revised
80	First Revised
81	First Revised
82	First Revised
83	Original
84	Original
85	Original
86	Original
87	Original
88	Original
89	First Revised
90	Original
91	Original
92	Original
93	Original
94	Original

Issued: September 23, 2016
Effective: October 1, 2016

Issued by: /s/ David R. Swain
David R. Swain
Title: President

II RATE SCHEDULES
FIRM RATE SCHEDULES

	<u>Winter Period</u>				<u>Summer Period</u>			
	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 77</u>	<u>LDAC Page 82</u>	<u>Total Rate</u>	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 77</u>	<u>LDAC Page 82</u>	<u>Total Rate</u>
<u>Residential Non Heating - R-1</u>								
Customer Charge per Month per Meter	\$ 15.27			\$ 15.27	\$ 15.27			\$ 15.27
All therms	\$ 0.2018	\$ 0.2634	\$ 0.1014	\$ 0.5666	\$ 0.2018	\$ 0.4890	\$ 0.1014	\$ 0.7922
<u>Residential Heating - R-3</u>								
Customer Charge per Month per Meter	\$22.10			\$ 22.10	\$ 22.10			\$ 22.10
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.3495	\$ 0.2634	\$ 0.1014	\$ 0.7143	\$ 0.3495	\$ 0.4890	\$ 0.1014	\$ 0.9399
All therms over the first block per month at	\$ 0.2892	\$ 0.2634	\$ 0.1014	\$ 0.6540	\$ 0.2892	\$ 0.4890	\$ 0.1014	\$ 0.8796
<u>Residential Heating - R-4</u>								
Customer Charge per Month per Meter	\$8.84			\$ 8.84	\$ 8.84			\$ 8.84
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.1398	\$ 0.2634	\$ 0.1014	\$ 0.5046	\$ 0.1398	\$ 0.4890	\$ 0.1014	\$ 0.7302
All therms over the first block per month at	\$ 0.1156	\$ 0.2634	\$ 0.1014	\$ 0.4804	\$ 0.1156	\$ 0.4890	\$ 0.1014	\$ 0.7060
<u>Commercial/Industrial - G-41</u>								
Customer Charge per Month per Meter	\$48.36			\$ 48.36	\$ 48.36			\$ 48.36
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.3965	\$ 0.2572	\$ 0.0685	\$ 0.7222	\$ 0.3965	\$ 0.4749	\$ 0.0685	\$ 0.9399
All therms over the first block per month at	\$ 0.2663	\$ 0.2572	\$ 0.0685	\$ 0.5920	\$ 0.2663	\$ 0.4749	\$ 0.0685	\$ 0.8097
<u>Commercial/Industrial - G-42</u>								
Customer Charge per Month per Meter	\$145.08			\$ 145.08	\$ 145.08			\$ 145.08
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$ 0.3606	\$ 0.2572	\$ 0.0685	\$ 0.6863	\$ 0.3606	\$ 0.4749	\$ 0.0685	\$ 0.9040
All therms over the first block per month at	\$ 0.2402	\$ 0.2572	\$ 0.0685	\$ 0.5659	\$ 0.2402	\$ 0.4749	\$ 0.0685	\$ 0.7836
<u>Commercial/Industrial - G-43</u>								
Customer Charge per Month per Meter	\$622.61			\$ 622.61	\$ 622.61			\$ 622.61
All therms over the first block per month at	\$ 0.2216	\$ 0.2572	\$ 0.0685	\$ 0.5473	\$ 0.1013	\$ 0.4749	\$ 0.0685	\$ 0.6447
<u>Commercial/Industrial - G-51</u>								
Customer Charge per Month per Meter	\$48.36			\$ 48.36	\$ 48.36			\$ 48.36
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$ 0.2390	\$ 0.2765	\$ 0.0685	\$ 0.5840	\$ 0.2390	\$ 0.5188	\$ 0.0685	\$ 0.8263
All therms over the first block per month at	\$ 0.1553	\$ 0.2765	\$ 0.0685	\$ 0.5003	\$ 0.1553	\$ 0.5188	\$ 0.0685	\$ 0.7426
<u>Commercial/Industrial - G-52</u>								
Customer Charge per Month per Meter	\$145.08			\$ 145.08	\$ 145.08			\$ 145.08
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$ 0.2052	\$ 0.2765	\$ 0.0685	\$ 0.5502	\$ 0.1487	\$ 0.5188	\$ 0.0685	\$ 0.7360
All therms over the first block per month at	\$ 0.1367	\$ 0.2765	\$ 0.0685	\$ 0.4817	\$ 0.0845	\$ 0.5188	\$ 0.0685	\$ 0.6718
<u>Commercial/Industrial - G-53</u>								
Customer Charge per Month per Meter	\$640.74			\$ 640.74	\$ 640.74			\$ 640.74
All therms over the first block per month at	\$ 0.1434	\$ 0.2765	\$ 0.0685	\$ 0.4884	\$ 0.0688	\$ 0.5188	\$ 0.0685	\$ 0.6561
<u>Commercial/Industrial - G-54</u>								
Customer Charge per Month per Meter	\$640.74			\$ 640.74	\$ 640.74			\$ 640.74
All therms over the first block per month at	\$ 0.0547	\$ 0.2765	\$ 0.0685	\$ 0.3997	\$ 0.0297	\$ 0.5188	\$ 0.0685	\$ 0.6170

Issued: September 23, 2016
Effective: October 1, 2016

Issued by: /s/ David R. Swain
David R. Swain
Title: President

II RATE SCHEDULES
FIRM RATE SCHEDULES

	Winter Period				Summer Period			
	Delivery Charge	Cost of Gas Rate Page 77	LDAC Page 82	Total Rate	Delivery Charge	Cost of Gas Rate Page 77	LDAC Page 82	Total Rate
Residential Non Heating - R-5								
Customer Charge per Month per Meter	\$ 19.85			\$ 19.85	\$ 19.85			\$ 19.85
All therms	\$ 0.2623	\$ 0.2634	\$ 0.1014	\$ 0.6271	\$ 0.2623	\$ 0.4890	\$ 0.1014	\$ 0.8527
Residential Heating - R-6								
Customer Charge per Month per Meter	\$28.73			\$ 28.73	\$28.73			\$ 28.73
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.4544	\$ 0.2634	\$ 0.1014	\$ 0.8192	\$ 0.4544	\$ 0.4890	\$ 0.1014	\$ 1.0448
All therms over the first block per month at	\$ 0.3760	\$ 0.2634	\$ 0.1014	\$ 0.7408	\$ 0.3760	\$ 0.4890	\$ 0.1014	\$ 0.9664
Residential Heating - R-7								
Customer Charge per Month per Meter	\$11.49			\$ 11.49	\$11.49			\$ 11.49
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.1817	\$ 0.2634	\$ 0.1014	\$ 0.5465	\$ 0.1817	\$ 0.4890	\$ 0.1014	\$ 0.7721
All therms over the first block per month at	\$ 0.1503	\$ 0.2634	\$ 0.1014	\$ 0.5151	\$ 0.1503	\$ 0.4890	\$ 0.1014	\$ 0.7407
Commercial/Industrial - G-44								
Customer Charge per Month per Meter	\$62.87			\$ 62.87	\$62.87			\$ 62.87
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.5155	\$ 0.2572	\$ 0.0685	\$ 0.8412	\$ 0.5155	\$ 0.4749	\$ 0.0685	\$ 1.0589
All therms over the first block per month at	\$ 0.3462	\$ 0.2572	\$ 0.0685	\$ 0.6719	\$ 0.3462	\$ 0.4749	\$ 0.0685	\$ 0.8896
Commercial/Industrial - G-45								
Customer Charge per Month per Meter	\$188.60			\$ 188.60	\$188.60			\$ 188.60
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$ 0.4688	\$ 0.2572	\$ 0.0685	\$ 0.7945	\$ 0.4688	\$ 0.4749	\$ 0.0685	\$ 1.0122
All therms over the first block per month at	\$ 0.3123	\$ 0.2572	\$ 0.0685	\$ 0.6380	\$ 0.3123	\$ 0.4749	\$ 0.0685	\$ 0.8557
Commercial/Industrial - G-46								
Customer Charge per Month per Meter	\$809.39			\$ 809.39	\$809.39			\$ 809.39
All therms over the first block per month at	\$ 0.2881	\$ 0.2572	\$ 0.0685	\$ 0.6138	\$ 0.1317	\$ 0.4749	\$ 0.0685	\$ 0.6751
Commercial/Industrial - G-55								
Customer Charge per Month per Meter	\$62.87			\$ 62.87	\$62.87			\$ 62.87
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$ 0.3107	\$ 0.2765	\$ 0.0685	\$ 0.6557	\$ 0.3107	\$ 0.5188	\$ 0.0685	\$ 0.8980
All therms over the first block per month at	\$ 0.2019	\$ 0.2765	\$ 0.0685	\$ 0.5469	\$ 0.2019	\$ 0.5188	\$ 0.0685	\$ 0.7892
Commercial/Industrial - G-56								
Customer Charge per Month per Meter	\$188.60			\$ 188.60	\$188.60			\$ 188.60
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$ 0.2667	\$ 0.2765	\$ 0.0685	\$ 0.6117	\$ 0.1933	\$ 0.5188	\$ 0.0685	\$ 0.7806
All therms over the first block per month at	\$ 0.1777	\$ 0.2765	\$ 0.0685	\$ 0.5227	\$ 0.1099	\$ 0.5188	\$ 0.0685	\$ 0.6972
Commercial/Industrial - G-57								
Customer Charge per Month per Meter	\$832.96			\$ 832.96	\$832.96			\$ 832.96
All therms over the first block per month at	\$ 0.1864	\$ 0.2765	\$ 0.0685	\$ 0.5314	\$ 0.0894	\$ 0.5188	\$ 0.0685	\$ 0.6767
Commercial/Industrial - G-58								
Customer Charge per Month per Meter	\$832.96			\$ 832.96	\$832.96			\$ 832.96
All therms over the first block per month at	\$ 0.0711	\$ 0.2765	\$ 0.0685	\$ 0.4161	\$ 0.0386	\$ 0.5188	\$ 0.0685	\$ 0.6259

Issued: September 23, 2016
Effective: October 1, 2016

Issued by: /s/ David R. Swain
David R. Swain
Title: President

CALCULATION OF FIRM SALES COST OF GAS RATE
PERIOD COVERED: SUMMER PERIOD, MAY 1, 2016 THROUGH OCTOBER 31, 2016
 (Refer to Text in Section 16 Cost of Gas Clause)

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 7,953,351	
Projected Prorated Sales (05/01/16 - 10/31/16)	19,992,221	
Direct Cost of Gas Rate		\$ 0.3978 per therm
Demand Cost of Gas Rate	\$ 4,602,902	\$ 0.2302 per therm
Commodity Cost of Gas Rate	2,086,877	\$ 0.1044 per therm
Adjustment Cost of Gas Rate	997,021	\$ 0.0499 per therm
Total Direct Cost of Gas Rate	\$ 7,686,800	\$ 0.3845 per therm
Total Anticipated Indirect Cost of Gas	\$ 278,635	
Projected Prorated Sales (05/01/16 - 10/31/16)	19,992,221	
Indirect Cost of Gas		\$ 0.0139 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/16		\$ 0.4117 per therm

RESIDENTIAL COST OF GAS RATE - 05/01/2016	COGsr	\$ 0.4117 /therm
Change in rate due to change in under/over recovery		\$ 0.0283
RESIDENTIAL COST OF GAS RATE - 06/01/2016	COGsr	\$ 0.4400 /therm
Change in rate due to change in under/over recovery		\$ (0.0200)
RESIDENTIAL COST OF GAS RATE - 08/01/2016	COGsr	\$ 0.4200 /therm
Change in rate due to change in under/over recovery		\$ 0.0690
RESIDENTIAL COST OF GAS RATE - 10/01/2016	COGsr	\$ 0.4890 /therm

Maximum (COG + 25%) \$ 0.5146

COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/2016	COGsl	\$ 0.4415 /therm
Change in rate due to change in under/over recovery		\$ 0.0283
COM/IND LOW WINTER USE COST OF GAS RATE - 06/01/2016	COGsl	\$ 0.4698 /therm
Change in rate due to change in under/over recovery		\$ (0.0200)
COM/IND LOW WINTER USE COST OF GAS RATE - 08/01/2016	COGsl	\$ 0.4498 /therm
Change in rate due to change in under/over recovery		\$ 0.0690
COM/IND LOW WINTER USE COST OF GAS RATE - 10/01/2016	COGsl	\$ 0.5188 /therm

Average Demand Cost of Gas Rate Effective 05/01/16	\$ 0.2302		
Times: Low Winter Use Ratio (Summer)	1.1635	Maximum (COG + 25%)	\$ 0.5519
Times: Correction Factor	0.9708		
Adjusted Demand Cost of Gas Rate	\$ 0.2600		
Commodity Cost of Gas Rate	\$ 0.1177		
Adjustment Cost of Gas Rate	\$ 0.0499		
Indirect Cost of Gas Rate	\$ 0.0139		
Adjusted Com/Ind Low Winter Use Cost of Gas Rate	\$ 0.4415		

COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/2016	COGsh	\$ 0.3976 /therm
Change in rate due to change in under/over recovery		\$ 0.0283
COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2016	COGsh	\$ 0.4259 /therm
Change in rate due to change in under/over recovery		\$ (0.0200)
COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2016	COGsl	\$ 0.4059 /therm
Change in rate due to change in under/over recovery		\$ 0.0690
COM/IND HIGH WINTER USE COST OF GAS RATE - 10/01/2016	COGsl	\$ 0.4749 /therm

Average Demand Cost of Gas Rate Effective 05/01/16	\$ 0.2302		
Times: High Winter Use Ratio (Summer)	0.9669	Maximum (COG + 25%)	\$ 0.4970
Times: Correction Factor	0.9708		
Adjusted Demand Cost of Gas Rate	\$ 0.2161		
Commodity Cost of Gas Rate	\$ 0.1177		
Adjustment Cost of Gas Rate	\$ 0.0499		
Indirect Cost of Gas Rate	\$ 0.0139		
Adjusted Com/Ind High Winter Use Cost of Gas Rate	\$ 0.3976		

Issued: September 23, 2016
Effective: October 1, 2016

Issued by: /s/ David R. Swain
David R. Swain
Title: President