

**Liberty Utilities (EnergyNorth Natural Gas) Corp.
Peak 2015 - 2016 Winter Cost of Gas Filing**

Filed Tariff Sheets

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Title: President

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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	\$ 15.24			\$ 15.24	\$ 15.24			\$ 15.24
All therms	\$ 0.2014	\$ 0.6256	\$ 0.1014	\$ 0.9284	\$ 0.2014	\$ 0.3796	\$ 0.0937	\$ 0.6747
<u>Residential Heating - R-3</u>								
Customer Charge per Month per Meter	\$22.04			\$ 22.04	\$ 22.04			\$ 22.04
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.3486	\$ 0.6256	\$ 0.1014	\$ 1.0756	\$ 0.3486	\$ 0.3796	\$ 0.0937	\$ 0.8219
All therms over the first block per month at	\$ 0.2885	\$ 0.6256	\$ 0.1014	\$ 1.0155	\$ 0.2885	\$ 0.3796	\$ 0.0937	\$ 0.7618
<u>Residential Heating - R-4</u>								
Customer Charge per Month per Meter	\$8.82			\$ 8.82	\$ 8.82			\$ 8.82
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.1394	\$ 0.6256	\$ 0.1014	\$ 0.8664	\$ 0.1394	\$ 0.3796	\$ 0.0937	\$ 0.6127
All therms over the first block per month at	\$ 0.1153	\$ 0.6256	\$ 0.1014	\$ 0.8423	\$ 0.1153	\$ 0.3796	\$ 0.0937	\$ 0.5886
<u>Commercial/Industrial - G-41</u>								
Customer Charge per Month per Meter	\$48.24			\$ 48.24	\$ 48.24			\$ 48.24
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.3956	\$ 0.6194	\$ 0.0685	\$ 1.0835	\$ 0.3956	\$ 0.3933	\$ 0.0793	\$ 0.8682
All therms over the first block per month at	\$ 0.2657	\$ 0.6194	\$ 0.0685	\$ 0.9536	\$ 0.2657	\$ 0.3933	\$ 0.0793	\$ 0.7383
<u>Commercial/Industrial - G-42</u>								
Customer Charge per Month per Meter	\$144.73			\$ 144.73	\$ 144.73			\$ 144.73
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$ 0.3598	\$ 0.6194	\$ 0.0685	\$ 1.0477	\$ 0.3598	\$ 0.3933	\$ 0.0793	\$ 0.8324
All therms over the first block per month at	\$ 0.2396	\$ 0.6194	\$ 0.0685	\$ 0.9275	\$ 0.2396	\$ 0.3933	\$ 0.0793	\$ 0.7122
<u>Commercial/Industrial - G-43</u>								
Customer Charge per Month per Meter	\$621.12			\$ 621.12	\$ 621.12			\$ 621.12
All therms over the first block per month at	\$ 0.2210	\$ 0.6194	\$ 0.0685	\$ 0.9089	\$ 0.1011	\$ 0.3933	\$ 0.0793	\$ 0.5737
<u>Commercial/Industrial - G-51</u>								
Customer Charge per Month per Meter	\$48.24			\$ 48.24	\$ 48.24			\$ 48.24
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$ 0.2384	\$ 0.6387	\$ 0.0685	\$ 0.9456	\$ 0.2384	\$ 0.3451	\$ 0.0793	\$ 0.6628
All therms over the first block per month at	\$ 0.1549	\$ 0.6387	\$ 0.0685	\$ 0.8621	\$ 0.1549	\$ 0.3451	\$ 0.0793	\$ 0.5793
<u>Commercial/Industrial - G-52</u>								
Customer Charge per Month per Meter	\$144.73			\$ 144.73	\$ 144.73			\$ 144.73
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$ 0.2047	\$ 0.6387	\$ 0.0685	\$ 0.9119	\$ 0.1484	\$ 0.3451	\$ 0.0793	\$ 0.5728
All therms over the first block per month at	\$ 0.1364	\$ 0.6387	\$ 0.0685	\$ 0.8436	\$ 0.0843	\$ 0.3451	\$ 0.0793	\$ 0.5087
<u>Commercial/Industrial - G-53</u>								
Customer Charge per Month per Meter	\$639.21			\$ 639.21	\$ 639.21			\$ 639.21
All therms over the first block per month at	\$ 0.1430	\$ 0.6387	\$ 0.0685	\$ 0.8502	\$ 0.0687	\$ 0.3451	\$ 0.0793	\$ 0.4931
<u>Commercial/Industrial - G-54</u>								
Customer Charge per Month per Meter	\$639.21			\$ 639.21	\$ 639.21			\$ 639.21
All therms over the first block per month at	\$ 0.0546	\$ 0.6387	\$ 0.0685	\$ 0.7618	\$ 0.0296	\$ 0.3451	\$ 0.0793	\$ 0.4540

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CALCULATION OF FIRM SALES COST OF GAS RATE
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2015 THROUGH APRIL 30, 2016
(Refer to Text in Section 16 Cost of Gas Clause)

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 59,426,348	
Projected Prorated Sales (11/01/15 - 04/30/16)	85,749,300	
Direct Cost of Gas Rate		\$ 0.6930 per therm
Demand Cost of Gas Rate	\$ 8,946,041	\$ 0.1043 per therm
Commodity Cost of Gas Rate	60,664,327	\$ 0.7075 per therm
Adjustment Cost of Gas Rate	(10,184,020)	\$ (0.1188) per therm
Total Direct Cost of Gas Rate	\$ 59,426,348	\$ 0.6930 per therm
Total Anticipated Indirect Cost of Gas	\$ 5,026,252	
Projected Prorated Sales (11/01/15 - 04/30/16)	85,749,300	
Indirect Cost of Gas		\$ 0.0586 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/15		\$ 0.7516 per therm

RESIDENTIAL COST OF GAS RATE - 11/01/15	COGwr	\$ 0.7516 /therm
Change in rate due to change in under/over recovery		\$ (0.1260)
RESIDENTIAL COST OF GAS RATE - 01/01/2016	COGsr	\$ 0.6256 /therm

Maximum (COG + 25%) \$ 0.9395

C&I LOW WINTER USE COST OF GAS RATE - 11/01/15	COGwl	\$ 0.7647 /therm
Change in rate due to change in under/over recovery		\$ (0.1260)
C&I LOW WINTER USE COST OF GAS RATE - 01/01/2016	COGsl	\$ 0.6387 /therm

Average Demand Cost of Gas Rate Effective 11/01/15	\$ 0.1043		
Times: Low Winter Use Ratio (Winter)	1.1498	Maximum (COG + 25%)	\$ 0.9559
Times: Correction Factor	<u>0.9794</u>		
Adjusted Demand Cost of Gas Rate	\$ 0.1174		
Commodity Cost of Gas Rate	\$ 0.7075		
Adjustment Cost of Gas Rate	\$ (0.1188)		
Indirect Cost of Gas Rate	<u>\$ 0.0586</u>		
Adjusted C&I Low Winter Use Cost of Gas Rate	\$ 0.7647		

C&I HIGH WINTER USE COST OF GAS RATE - 11/01/15	COGwh	\$ 0.7454 /therm
Change in rate due to change in under/over recovery		\$ (0.1260)
C&I HIGH WINTER USE COST OF GAS RATE - 01/01/2016	COGsh	\$ 0.6194 /therm

Average Demand Cost of Gas Rate Effective 11/01/15	\$ 0.1043		
Times: High Winter Use Ratio (Winter)	0.9607	Maximum (COG + 25%)	\$ 0.9318
Times: Correction Factor	<u>0.9794</u>		
Adjusted Demand Cost of Gas Rate	\$ 0.0981		
Commodity Cost of Gas Rate	\$ 0.7075		
Adjustment Cost of Gas Rate	\$ (0.1188)		
Indirect Cost of Gas Rate	<u>\$ 0.0586</u>		
Adjusted C&I High Winter Use Cost of Gas Rate	\$ 0.7454		

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