# Liberty Utilities (EnergyNorth Natural Gas) Corp. Peak 2014 - 2015 Winter Cost of Gas Filing

#### Filed Tariff Sheets

Twenty-Fifth Revised Page 1
Check Sheet

Twenty-Third Revised Page 3 Check Sheet (Cont'd)

Twenty-Third Revised Page 76
Firm Rate Schedules

Twentieth Revised Page 87
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>	Revision
Title	Original
1	Twenty-Fifth Revised
2	Fourth Revised
3	Twenty-Third Revised
4	Second Revised
5	Third Revised
6	Original
7	Original
8	Original
9	Original
10	Second Revised
11	First Revised
12	First Revised
12.1	Original
13	Original
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

Dated: February 23, 2015 Issued by: /s/ Daniel G. Saad

Effective: March 1, 2015

Daniel G. Saad

Title: President

#### **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.

Page	Revision
61	Third Revised
62	Original
63	Third Revised
64	Original
65	Third Revised
66	Original
67	Third Revised
68	Original
69	Third Revised
70	Original
71	Third Revised
72	Original
73	Original
74	Original
75	Original
76	Twenty-Third Revised
77	Original
78	Original
79	Original
80	Original
81	Original
82	Original
83	Original
84	Original
85	Original
86	Fifth Revised
87	Twentieth Revised
88	Third Revised
89	Third Revised
90	Original
91	Third Revised
92	Third Revised
93	Original
94	Third Revised

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Daniel G. Saad

Title: President

Issued in compliance with NHPUC Order No. 25,730 dated October 31, 2014 in Docket No. DG 14-220.

## II RATE SCHEDULES FIRM RATE SCHEDULES

	Winter Period				Summer Period							
	Delivery <u>Charge</u>	Cost of Gas Rate Page 87	LDAC Page 94	Total <u>Rate</u>	Delivery <u>Charge</u>	G	Cost of as Rate	LDAC Page 94	Total <u>Rate</u>			
Residential Non Heating - R-1 Customer Charge per Month per Meter All therms	\$13.7 \$ 0.181	2 3 \$ 0.8722	\$ 0.0772	\$ 13.72 \$ 1.1307	\$ 13.72 \$ 0.1813		0.3936	\$ 0.0772	\$ 13.72 \$ 0.6521			
Residential Heating - R-3 Customer Charge per Month per Meter Size of the first block	\$19.8 100 therm			\$ 19.85	\$ 19.89 20 therm				\$ 19.85			
Therms in the first block per month at All therms over the first block per month at	\$ 0.314	0 \$ 0.8722	\$ 0.0772 \$ 0.0772		\$ 0.3140 \$ 0.2594	\$		\$ 0.0772 \$ 0.0772				
Residential Heating - R-4 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at All therms over the first block per month at	\$7.9 100 therm \$ 0.125 \$ 0.103	ns 6 \$ 0.8722	\$ 0.0772 \$ 0.0772		\$ 7.94 20 therm \$ 0.1256 \$ 0.1038	s 5 \$	0.3936 0.3936	\$ 0.0772 \$ 0.0772	•			
Commercial/Industrial - G-41 Customer Charge per Month per Meter Size of the first block	\$46.7 100 therm			\$ 46.71	\$ 46.7° 20 therm				\$ 46.71			
Therms in the first block per month at All therms over the first block per month at	\$ 0.372 \$ 0.242		\$ 0.0628 \$ 0.0628	\$ 1.3113 \$ 1.1810	\$ 0.372° \$ 0.2424		0.3956 0.3956	\$ 0.0628 \$ 0.0628	\$ 0.8311 \$ 0.7008			
Commercial/Industrial - G-42 Customer Charge per Month per Meter Size of the first block	\$140.1 1000 therm			\$ 140.13	\$ 140.13 400 therm				\$ 140.13			
Therms in the first block per month at All therms over the first block per month at	\$ 0.348	3 \$ 0.8758	\$ 0.0628 \$ 0.0628	\$ 1.2869 \$ 1.1688	\$ 0.3483 \$ 0.2302	3 \$	0.3956 0.3956	\$ 0.0628 \$ 0.0628	\$ 0.8067 \$ 0.6886			
Commercial/Industrial - G-43 Customer Charge per Month per Meter All therms over the first block per month at	\$601.3 \$ 0.214		\$ 0.0628	\$ 601.38 \$ 1.1526	\$ 601.38 \$ 0.2140		0.3956	\$ 0.0628	\$ 601.38 \$ 0.6724			
Commercial/Industrial - G-51 Customer Charge per Month per Meter Size of the first block	\$46.7 100 therm			\$ 46.71	\$ 46.7°				\$ 46.71			
Therms in the first block per month at All therms over the first block per month at	\$ 0.199	5 \$ 0.8476	\$ 0.0628 \$ 0.0628	\$ 1.1099 \$ 1.0392	\$ 0.1998 \$ 0.1288	5 \$	0.3877 0.3877	\$ 0.0628 \$ 0.0628	\$ 0.6500 \$ 0.5793			
Commercial/Industrial - G-52 Customer Charge per Month per Meter Size of the first block	\$140.1 1000 therm			\$ 140.13	\$ 140.13 1000 therm				\$ 140.13			
Therms in the first block per month at All therms over the first block per month at	\$ 0.192 \$ 0.130		\$ 0.0628 \$ 0.0628		\$ 0.1929 \$ 0.1309			\$ 0.0628 \$ 0.0628	\$ 0.6434 \$ 0.5814			
Commercial/Industrial - G-53 Customer Charge per Month per Meter All therms over the first block per month at	\$618.8 \$ 0.137	9 7 \$ 0.8476	\$ 0.0628	\$ 618.89 \$ 1.0481	\$ 618.89 \$ 0.137		0.3877	\$ 0.0628	\$ 618.89 \$ 0.5882			
Commercial/Industrial - G-54 Customer Charge per Month per Meter All therms over the first block per month at	\$618.8 \$ 0.047		\$ 0.0628	\$ 618.89 \$ 0.9579	\$ 618.89 \$ 0.047		0.3877	\$ 0.0628	\$ 618.89 \$ 0.4980			

Dated: February 23, 2015 Effective: March 1, 2015 Issued by: /s/ Daniel G. Saad

Daniel G. Saad

Title: President

### CALCULATION OF FIRM SALES COST OF GAS RATE PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2014 THROUGH APRIL 30, 2015 (Refer to Text in Section 16 Cost of Gas Clause)

(Col 1)			(0	Col 2)	(	(Col 3)	
Total Anticipated Direct Cost of Gas Projected Prorated Sales (11/01/14 - 04/30/15) Direct Cost of Gas Rate				85,888,675 76,121,808	\$	1 1283	per therm
Demand Cost of Gas Rate Commodity Cost of Gas Rate				9,370,185 65,194,063	\$	0.1231 0.8564	per therm
Adjustment Cost of Gas Rate				11,324,427			per therm
Total Direct Cost of Gas Rate			\$	85,888,675	Ъ	1.1283	per therm
Total Anticipated Indirect Cost of Gas			\$	2,643,707			
Projected Prorated Sales (11/01/14 - 04/30/15) Indirect Cost of Gas				76,121,808	\$	0.0347	per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/14					\$	1.1630	per therm
RESIDENTIAL COST OF GAS RATE - 11/01/14			COGwr		\$	1.1630	/therm
Change in rate due to change in under/over recovery					\$	-	
RESIDENTIAL COST OF GAS RATE - 12/01/14			COGwr	•	\$		/therm
Change in rate due to change in under/over recovery			000		-	(0.0931)	
RESIDENTIAL COST OF GAS RATE - 1/01/15 Change in rate due to change in under/over recovery			COGwr	•	\$	(0.1460)	/therm
RESIDENTIAL COST OF GAS RATE - 2/01/15			COGwr		\$		/therm
Change in rate due to change in under/over recovery			COGWI		\$	(0.0517)	
RESIDENTIAL COST OF GAS RATE - 3/01/15			COGwr		\$		/therm
		Maximum	(COG +	25%)	\$	1.4538	
C&I LOW WINTER USE COST OF GAS RATE - 11/01/14			COGwl		\$	1.1384	/therm
Change in rate due to change in under/over recovery					\$	-	-
C&I LOW WINTER USE COST OF GAS RATE - 12/01/2014			COGsl		\$	1.1384	/therm
Change in Rate due to change in under/over recovery					\$	(0.0931)	
C&I LOW WINTER USE COST OF GAS RATE - 1/01/2015			COGsl		\$	1.0453	/therm
Change in rate due to change in under/over recovery					\$	(0.1460)	1
C&I LOW WINTER USE COST OF GAS RATE - 2/01/2015			COC		•	0.8003	/therm
CAI LOW WINTER USE COST OF GAS RATE - 2/01/2015			COGwr		\$	0.0333	/uiciiii
Change in rate due to change in under/over recovery			COGWI		\$	(0.0517)	
			COGwr		_	(0.0517)	
Change in rate due to change in under/over recovery  C&I LOW WINTER USE COST OF GAS RATE - 3/01/2015  Average Demand Cost of Gas Rate Effective 11/01/14 Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate	\$ 0.1231 0.8113 0.9864 \$ 0.0985 \$ 0.8564 \$ 0.1488		COGwr		\$	(0.0517)	
Change in rate due to change in under/over recovery  C&I LOW WINTER USE COST OF GAS RATE - 3/01/2015  Average Demand Cost of Gas Rate Effective 11/01/14 Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate	0.8113 0.9864 \$ 0.0985 \$ 0.8564 \$ 0.1488		COGwr		\$	(0.0517) 0.8476	
Change in rate due to change in under/over recovery  C&I LOW WINTER USE COST OF GAS RATE - 3/01/2015  Average Demand Cost of Gas Rate Effective 11/01/14 Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate	0.8113 0.9864 \$ 0.0985 \$ 0.8564		COGwr		\$	(0.0517) 0.8476	
Change in rate due to change in under/over recovery  C&I LOW WINTER USE COST OF GAS RATE - 3/01/2015  Average Demand Cost of Gas Rate Effective 11/01/14 Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted C&I Low Winter Use Cost of Gas Rate	0.8113 0.9864 \$ 0.0985 \$ 0.8564 \$ 0.1488 \$ 0.0347	Maximum	COGwr	25%)	\$ \$	(0.0517) 0.8476 1.4230	/therm
Change in rate due to change in under/over recovery  C&I LOW WINTER USE COST OF GAS RATE - 3/01/2015  Average Demand Cost of Gas Rate Effective 11/01/14 Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted C&I Low Winter Use Cost of Gas Rate  C&I HIGH WINTER USE COST OF GAS RATE - 11/01/14	0.8113 0.9864 \$ 0.0985 \$ 0.8564 \$ 0.1488 \$ 0.0347	Maximum	COGwr	25%)	\$ \$ \$	(0.0517) 0.8476 1.4230	
Change in rate due to change in under/over recovery  C&I LOW WINTER USE COST OF GAS RATE - 3/01/2015  Average Demand Cost of Gas Rate Effective 11/01/14 Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Low Winter Use Cost of Gas Rate  C&I Low Winter Use Cost of Gas Rate Adjusted C&I Low Winter Use Cost of Gas Rate  C&I HIGH WINTER USE COST OF GAS RATE - 11/01/14 Change in rate due to change in under/over recovery	0.8113 0.9864 \$ 0.0985 \$ 0.8564 \$ 0.1488 \$ 0.0347	Maximum	COGWI	25%)	\$ \$ \$ \$	(0.0517) 0.8476 1.4230	/therm
Change in rate due to change in under/over recovery  C&I LOW WINTER USE COST OF GAS RATE - 3/01/2015  Average Demand Cost of Gas Rate Effective 11/01/14 Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted C&I Low Winter Use Cost of Gas Rate  C&I HIGH WINTER USE COST OF GAS RATE - 11/01/14 Change in rate due to change in under/over recovery  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/2014	0.8113 0.9864 \$ 0.0985 \$ 0.8564 \$ 0.1488 \$ 0.0347	Maximum	COGwr	25%)	\$ \$ \$ \$ \$	1.4230 1.4666 1.1666	/therm /therm
Change in rate due to change in under/over recovery  C&I LOW WINTER USE COST OF GAS RATE - 3/01/2015  Average Demand Cost of Gas Rate Effective 11/01/14 Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted C&I Low Winter Use Cost of Gas Rate  C&I HIGH WINTER USE COST OF GAS RATE - 11/01/14  Change in rate due to change in under/over recovery  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/2014  Change in Rate due to change in under/over recovery	0.8113 0.9864 \$ 0.0985 \$ 0.8564 \$ 0.1488 \$ 0.0347	Maximum	COGWIT	25%)	\$ \$ \$ \$ \$	1.1666 - 1.1666 (0.0931)	/therm /therm /therm
Change in rate due to change in under/over recovery  C&I LOW WINTER USE COST OF GAS RATE - 3/01/2015  Average Demand Cost of Gas Rate Effective 11/01/14 Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted C&I Low Winter Use Cost of Gas Rate  C&I HIGH WINTER USE COST OF GAS RATE - 11/01/14  Change in rate due to change in under/over recovery  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/2014  Change in Rate due to change in under/over recovery  C&I HIGH WINTER USE COST OF GAS RATE - 1/01/2015	0.8113 0.9864 \$ 0.0985 \$ 0.8564 \$ 0.1488 \$ 0.0347	Maximum	COGWI	25%)	\$ \$ \$ \$ \$ \$	1.1666 - 1.1666 (0.0931) 1.0735	/therm /therm /therm /therm
Change in rate due to change in under/over recovery  C&I LOW WINTER USE COST OF GAS RATE - 3/01/2015  Average Demand Cost of Gas Rate Effective 11/01/14 Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted C&I Low Winter Use Cost of Gas Rate  C&I HIGH WINTER USE COST OF GAS RATE - 11/01/14  Change in rate due to change in under/over recovery  C&I HIGH WINTER USE COST OF GAS RATE - 12/01/2014  Change in Rate due to change in under/over recovery  C&I HIGH WINTER USE COST OF GAS RATE - 1/01/2015  Change in rate due to change in under/over recovery	0.8113 0.9864 \$ 0.0985 \$ 0.8564 \$ 0.1488 \$ 0.0347	Maximum	COGWIT COGWIT COGWIT	25%)	\$ \$ \$ \$ \$ \$	1.1666 - 1.1666 (0.0931) 1.0735 (0.1460)	/therm /therm /therm
Change in rate due to change in under/over recovery  C&I LOW WINTER USE COST OF GAS RATE - 3/01/2015  Average Demand Cost of Gas Rate Effective 11/01/14 Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted C&I Low Winter Use Cost of Gas Rate  C&I HIGH WINTER USE COST OF GAS RATE - 11/01/14 Change in rate due to change in under/over recovery  C&I HIGH WINTER USE COST OF GAS RATE - 1/201/2014  Change in Rate due to change in under/over recovery  C&I HIGH WINTER USE COST OF GAS RATE - 1/01/2015  Change in rate due to change in under/over recovery	0.8113 0.9864 \$ 0.0985 \$ 0.8564 \$ 0.1488 \$ 0.0347	Maximum	COGWIT	25%)	\$ \$ \$ \$ \$ \$ \$	1.4230 1.4230 1.4666 1.1666 (0.0931) 1.0735 (0.1460) 0.9275	/therm /therm /therm /therm
Change in rate due to change in under/over recovery  C&I LOW WINTER USE COST OF GAS RATE - 3/01/2015  Average Demand Cost of Gas Rate Effective 11/01/14 Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted C&I Low Winter Use Cost of Gas Rate  C&I HIGH WINTER USE COST OF GAS RATE - 11/01/14  Change in rate due to change in under/over recovery  C&I HIGH WINTER USE COST OF GAS RATE - 1/01/2015  Change in rate due to change in under/over recovery  C&I HIGH WINTER USE COST OF GAS RATE - 1/01/2015  Change in rate due to change in under/over recovery  C&I HIGH WINTER USE COST OF GAS RATE - 2/01/2015  Change in rate due to change in under/over recovery	0.8113 0.9864 \$ 0.0985 \$ 0.8564 \$ 0.1488 \$ 0.0347	Maximum	COGWII COGWII COGWII COGWII COGWII	25%)	\$ \$ \$ \$ \$ \$ \$ \$	1.4230 1.4230 1.4230 1.1666 - 1.1666 (0.0931) 1.0735 (0.1460) 0.9275 (0.0517)	/therm /therm /therm /therm
Change in rate due to change in under/over recovery  C&I LOW WINTER USE COST OF GAS RATE - 3/01/2015  Average Demand Cost of Gas Rate Effective 11/01/14 Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted C&I Low Winter Use Cost of Gas Rate  C&I HIGH WINTER USE COST OF GAS RATE - 11/01/14 Change in rate due to change in under/over recovery  C&I HIGH WINTER USE COST OF GAS RATE - 1/201/2014  Change in Rate due to change in under/over recovery  C&I HIGH WINTER USE COST OF GAS RATE - 1/01/2015  Change in rate due to change in under/over recovery	0.8113 0.9864 \$ 0.0985 \$ 0.8564 \$ 0.1488 \$ 0.0347	Maximum	COGWIT COGWIT COGWIT	25%)	\$ \$ \$ \$ \$ \$ \$	1.4230 1.4230 1.4230 1.1666 - 1.1666 (0.0931) 1.0735 (0.1460) 0.9275 (0.0517)	/therm /therm /therm /therm
Change in rate due to change in under/over recovery  C&I LOW WINTER USE COST OF GAS RATE - 3/01/2015  Average Demand Cost of Gas Rate Effective 11/01/14 Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted C&I Low Winter Use Cost of Gas Rate  C&I HIGH WINTER USE COST OF GAS RATE - 11/01/14  Change in rate due to change in under/over recovery  C&I HIGH WINTER USE COST OF GAS RATE - 1/01/2015  Change in rate due to change in under/over recovery  C&I HIGH WINTER USE COST OF GAS RATE - 1/01/2015  Change in rate due to change in under/over recovery  C&I HIGH WINTER USE COST OF GAS RATE - 1/01/2015  Change in rate due to change in under/over recovery  C&I HIGH WINTER USE COST OF GAS RATE - 2/01/2015  Change in rate due to change in under/over recovery	0.8113 0.9864 \$ 0.0985 \$ 0.8564 \$ 0.1488 \$ 0.0347	Maximum	COGWII COGWII COGWII COGWII COGWII COGWII	25%)	\$ \$ \$ \$ \$ \$ \$ \$	1.4230 1.4230 1.4230 1.1666 - 1.1666 (0.0931) 1.0735 (0.1460) 0.9275 (0.0517)	/therm /therm /therm /therm

February 23, 2015 Issued by: /s/ Daniel G. Saad Daniel G. Saad Dated: Effective: March 1, 2015

President Title: