

Liberty Utilities (EnergyNorth Natural Gas) Corp.

1 d/b/a Liberty Utilities

2 Peak 2019 - 2020 Winter Cost of Gas Filing

3 Annual Bill Comparisons, Nov 18 - Apr 19 vs Nov 19 - Apr 20 - Residential Heating Rate R-3

4

5

6 November 1, 2019 - April 30, 2020

7 Residential Heating (R3)

8 PROPOSED

			Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	Winter Nov-Apr
average Usage (Therms)			62	110	123	148	132	92	666
11	5/1/2019	11/1/2019							
12	Winter:								
13	Cust. Chg	\$ 15.02 \$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 91.20
14	Headblock	\$ 0.5502 \$ 0.5569	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	Tailblock	\$ 0.5502 \$ 0.5569	\$ 34.35	\$ 61.12	\$ 68.38	\$ 82.21	\$ 73.78	\$ 51.15	\$ 370.99
16	HB Threshold	-							
17	Summer:								
18	Cust. Chg	\$ 15.02 \$ 15.20							
19	Headblock	\$ 0.5502 \$ 0.5569							
20	Tailblock	\$ 0.5502 \$ 0.5569							
21	HB Threshold	-							
22	Total Base Rate Amount		\$ 49.55	\$ 76.32	\$ 83.58	\$ 97.41	\$ 88.98	\$ 66.35	\$ 462.19
23	COG Rate - (Seasonal)		\$ 0.6203	\$ 0.6203	\$ 0.6203	\$ 0.6203	\$ 0.6203	\$ 0.6203	\$ 0.6203
24	COG amount		\$ 38.26	\$ 68.07	\$ 76.17	\$ 91.57	\$ 82.17	\$ 56.98	\$ 413.23
25	LDAC		\$ 0.0310	\$ 0.0310	\$ 0.0310	\$ 0.0310	\$ 0.0310	\$ 0.0310	\$ 0.0310
26	LDAC amount		\$ 1.91	\$ 3.40	\$ 3.80	\$ 4.57	\$ 4.10	\$ 2.84	\$ 20.63
27	Total Bill		\$ 89.73	\$ 147.79	\$ 163.55	\$ 193.55	\$ 175.25	\$ 126.18	\$ 896.05

34 November 1, 2018 - April 30, 2019

35 Residential Heating (R3)

36 CURRENT

			Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	Winter Nov-Apr
average Usage (Therms)			62	110	123	148	132	92	666
37	5/1/2018	11/1/2018							
38	Winter:								
39	Cust. Chg	\$ 24.43 \$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 90.12
40	Headblock	\$ 0.3863 \$ 0.5502	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
41	Tailblock	\$ 0.3197 \$ 0.5502	\$ 33.94	\$ 60.38	\$ 67.56	\$ 81.22	\$ 72.89	\$ 50.54	\$ 366.53
42	HB Threshold	100							
43	Summer:								
44	Cust. Chg	\$ 14.88 \$ 15.02							
45	Headblock	\$ 0.5580 \$ 0.5631							
46	Tailblock	\$ 0.5580 \$ 0.5631							
47	HB Threshold	-							
48	Total Base Rate Amount		\$ 48.96	\$ 75.40	\$ 82.58	\$ 96.24	\$ 87.91	\$ 65.56	\$ 456.65
49	COG Rate - (Seasonal)		\$ 0.7411	\$ 0.7504	\$ 0.7504	\$ 0.6715	\$ 0.5212	\$ 0.5825	\$ 0.6633
50	COG amount		\$ 45.72	\$ 82.35	\$ 92.14	\$ 99.13	\$ 69.05	\$ 53.51	\$ 441.89
51	LDAC		\$ 0.0660	\$ 0.0660	\$ 0.0660	\$ 0.0660	\$ 0.0660	\$ 0.0660	\$ 0.0660
52	LDAC amount		\$ 4.07	\$ 7.24	\$ 8.10	\$ 9.74	\$ 8.74	\$ 6.06	\$ 43.97
53	Total Bill		\$ 98.75	\$ 165.00	\$ 182.82	\$ 205.11	\$ 165.70	\$ 125.13	\$ 942.50

62 DIFFERENCE:

63	Total Bill		(\$9.02)	(\$17.21)	(\$19.27)	(\$11.56)	\$9.56	\$1.05	(\$46.46)
64	% Change		-9.13%	-10.43%	-10.54%	-5.64%	5.77%	0.84%	-4.93%
65	Base Rate		\$ 0.59	\$ 0.92	\$ 1.00	\$ 1.17	\$ 1.07	\$ 0.80	\$ 5.54
66	% Change		1.21%	1.21%	1.21%	1.21%	1.21%	1.21%	1.21%
67	COG & LDAC		\$ (9.61)	\$ (18.12)	\$ (20.28)	\$ (12.73)	\$ 8.49	\$ 0.25	\$ (52.00)
68	% Change		-21.03%	-22.01%	-22.01%	-12.84%	12.29%	0.48%	-11.77%

Liberty Utilities (EnergyNorth Natural Gas) Corp.

1 d/b/a Liberty Utilities

2 Peak 2019 - 2020 Winter Cost of Gas Filing

3 Annual Bill Comparisons, Nov 18 - Apr 19 vs Nov 19 - Apr 20 - Commercial Rate G-41

Revised Schedule 8
Page 2 of 5

4

5

6 November 1, 2019 - April 30, 2020

7 Commercial Rate (G-41)

8 PROPOSED

	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	Winter Nov-Apr
9 average Usage (Therms)	89	277	504	457	331	297	1,954
10 Winter:							
11 Cust. Chg	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 338.16
12 Headblock	\$ 0.4621	\$ 0.4566	\$ 0.4621	\$ 0.4621	\$ 0.4621	\$ 0.4621	\$ 272.04
13 Tailblock	\$ 0.3104	\$ 0.3067	\$ -	\$ 54.98	\$ 125.36	\$ 110.70	\$ 71.65
14 HB Threshold	100	100					
15 Summer:							
16 Cust. Chg	\$ 56.36	\$ 55.68					
17 Headblock	\$ 0.4621	\$ 0.4566					
18 Tailblock	\$ 0.3104	\$ 0.3067					
19 HB Threshold	20	20					
20 Total Base Rate Amount	\$ 97.35	\$ 157.55	\$ 227.93	\$ 213.27	\$ 174.22	\$ 163.66	\$ 1,033.97
21 COG Rate - (Seasonal)	\$ 0.6190	\$ 0.6190	\$ 0.6190	\$ 0.6190	\$ 0.6190	\$ 0.6190	\$ 0.6190
22 COG amount	\$ 54.91	\$ 171.54	\$ 311.89	\$ 282.65	\$ 204.78	\$ 183.73	\$ 1,209.50
23 LDAC	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478
24 LDAC amount	\$ 4.24	\$ 13.26	\$ 24.10	\$ 21.84	\$ 15.82	\$ 14.20	\$ 93.46
25 Total Bill	\$156.50	\$342.35	\$563.91	\$517.75	\$394.83	\$361.59	\$2,336.93

34 November 1, 2018 - April 30, 2019

35 Commercial Rate (G-41)

36 CURRENT

	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	Winter Nov-Apr
37 average Usage (Therms)	89	277	504	457	331	297	1,954
38 Winter:							
39 Cust. Chg	\$ 53.45	\$ 55.68	\$ 55.68	\$ 55.68	\$ 55.68	\$ 55.68	\$ 334.08
40 Headblock	\$ 0.4383	\$ 0.4566	\$ 40.50	\$ 45.66	\$ 45.66	\$ 45.66	\$ 268.80
41 Tailblock	\$ 0.2944	\$ 0.3067	\$ -	\$ 54.33	\$ 123.86	\$ 109.38	\$ 70.80
42 HB Threshold	100	100					
43 Summer:							
44 Cust. Chg	\$ 56.58	\$ 56.07					
45 Headblock	\$ 0.4639	\$ 0.4597					
46 Tailblock	\$ 0.3116	\$ 0.3088					
47 HB Threshold	20	20					
48 Total Base Rate Amount	\$ 96.18	\$ 155.67	\$ 225.20	\$ 210.72	\$ 172.14	\$ 161.71	\$ 1,021.60
49 COG Rate - (Seasonal)	\$ 0.7403	\$ 0.7403	\$ 0.7496	\$ 0.6707	\$ 0.5204	\$ 0.5817	\$ 0.6651
50 COG amount	\$ 65.67	\$ 205.16	\$ 377.69	\$ 306.26	\$ 172.16	\$ 172.66	\$ 1,299.59
51 LDAC	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757
52 LDAC amount	\$ 6.71	\$ 20.98	\$ 38.14	\$ 34.57	\$ 25.04	\$ 22.47	\$ 147.91
53 Total Bill	\$168.56	\$381.80	\$641.04	\$551.54	\$369.34	\$356.84	\$2,469.11

62 DIFFERENCE:

63 Total Bill	\$ (12.06)	\$ (39.45)	\$ (77.12)	\$ (33.78)	\$ 25.48	\$ 4.76	\$ (132.18)
64 % Change	-7.16%	-10.33%	-12.03%	-6.13%	6.90%	1.33%	-5.35%
65 Base Rate	\$ 1.17	\$ 1.89	\$ 2.72	\$ 2.55	\$ 2.08	\$ 1.96	\$ 12.37
66 % Change	1.21%	1.21%	1.21%	1.21%	1.21%	1.21%	1.21%
67 COG & LDAC	\$ (13.23)	\$ (41.34)	\$ (79.85)	\$ (36.33)	\$ 23.40	\$ 2.80	\$ (144.55)
68 % Change	-20.15%	-20.15%	-21.14%	-11.86%	13.59%	1.62%	-11.12%

Liberty Utilities (EnergyNorth Natural Gas) Corp.

1 d/b/a Liberty Utilities

2 Peak 2019 - 2020 Winter Cost of Gas Filing

71 Annual Bill Comparisons, Nov 18 - Apr 19 vs Nov 19 - Apr 20 - Commercial Rate G-42

Revised Schedule 8
Page 3 of 5

72

73

74 November 1, 2019 - April 30, 2020

75 C&I High Winter Use Medium G-42

76 PROPOSED

			Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	Winter Nov-Apr
average Usage (Therms)			830	2,189	3,708	3,406	2,603	2,395	15,130
7/1/2019 5/1/2019									
Winter:									
81	Cust. Chg	\$ 169.09 \$ 167.06	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 1,014.54
82	Headblock	\$ 0.4202 \$ 0.4152	\$ 348.79	\$ 420.20	\$ 420.20	\$ 420.20	\$ 420.20	\$ 420.20	\$ 2,449.79
83	Tailblock	\$ 0.2800 \$ 0.2766	\$ -	\$ 332.82	\$ 758.10	\$ 673.62	\$ 448.79	\$ 390.57	\$ 2,603.90
84	HB Threshold	1,000 1,000							
Summer:									
87	Cust. Chg	\$169.09 \$167.06							
88	Headblock	\$ 0.4202 \$ 0.4152							
89	Tailblock	\$ 0.2800 \$ 0.2766							
90	HB Threshold	400 400							
92	Total Base Rate Amount		\$ 517.88	\$ 922.11	\$ 1,347.39	\$ 1,262.91	\$ 1,038.08	\$ 979.86	\$ 6,068.23
94	COG Rate - (Seasonal)		\$ 0.6190	\$ 0.6190	\$ 0.6190	\$ 0.6190	\$ 0.6190	\$ 0.6190	\$ 0.6190
95	COG amount		\$ 513.81	\$ 1,354.77	\$ 2,294.95	\$ 2,108.18	\$ 1,611.14	\$ 1,482.44	\$ 9,365.28
97	LDAC		\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478
98	LDAC amount		\$ 39.70	\$ 104.68	\$ 177.33	\$ 162.90	\$ 124.49	\$ 114.55	\$ 723.66
100	Total Bill		\$ 1,071.39	\$ 2,381.56	\$ 3,819.67	\$ 3,533.99	\$ 2,773.71	\$ 2,576.85	\$ 16,157.17

101

102 November 1, 2018 - April 30, 2019

103 C&I High Winter Use Medium G-42

104 CURRENT

			Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	Winter Nov-Apr
average Usage (Therms)			830	2,189	3,708	3,406	2,603	2,395	15,130
5/1/2018 7/1/2018									
Winter:									
109	Cust. Chg	\$ 160.36 \$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 1,002.36
110	Headblock	\$ 0.3986 \$ 0.4152	\$ 344.64	\$ 415.20	\$ 415.20	\$ 415.20	\$ 415.20	\$ 415.20	\$ 2,420.64
111	Tailblock	\$ 0.2655 \$ 0.2766	\$ -	\$ 328.78	\$ 748.90	\$ 665.44	\$ 443.34	\$ 385.83	\$ 2,572.28
112	HB Threshold	1,000 1,000							
Summer:									
115	Cust. Chg	\$ 168.21 \$ 169.75							
116	Headblock	\$ 0.4181 \$ 0.4219							
117	Tailblock	\$ 0.2785 \$ 0.2811							
118	HB Threshold	400 400							
120	Total Base Rate Amount		\$ 511.70	\$ 911.04	\$ 1,331.16	\$ 1,247.70	\$ 1,025.60	\$ 968.09	\$ 5,995.28
122	COG Rate - (Seasonal)		\$ 0.7403	\$ 0.7403	\$ 0.7496	\$ 0.6707	\$ 0.5204	\$ 0.5817	\$0.6640
123	COG amount		\$ 614.49	\$ 1,620.25	\$ 2,779.15	\$ 2,284.26	\$ 1,354.50	\$ 1,393.11	\$ 10,045.76
125	LDAC		\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	0.0757
126	LDAC amount		\$ 62.84	\$ 165.68	\$ 280.66	\$ 257.82	\$ 197.03	\$ 181.29	\$ 1,145.32
128	Total Bill		\$ 1,189.03	\$ 2,696.97	\$ 4,390.97	\$ 3,789.78	\$ 2,577.13	\$ 2,542.49	\$ 17,186.36

129

130 DIFFERENCE:

131	Total Bill		\$ (117.64)	\$ (315.41)	\$ (571.29)	\$ (255.79)	\$ 196.58	\$ 34.36	\$ (1,029.19)
132	% Change		-9.89%	-11.69%	-13.01%	-6.75%	7.63%	1.35%	-5.99%
134	Base Rate		\$ 6.18	\$ 11.07	\$ 16.24	\$ 15.21	\$ 12.48	\$ 11.77	\$ 72.95
135	% Change		1.21%	1.22%	1.22%	1.22%	1.22%	1.22%	1.22%
137	COG & LDAC		\$ (123.82)	\$ (326.48)	\$ (587.53)	\$ (271.00)	\$ 184.10	\$ 22.58	\$ (1,102.14)
138	% Change		-20.15%	-20.15%	-21.14%	-11.86%	13.59%	1.62%	-10.97%

Liberty Utilities (EnergyNorth Natural Gas) Corp.

1 d/b/a Liberty Utilities
 2 Peak 2019 - 2020 Winter Cost of Gas Filing

139 Annual Bill Comparisons, Nov 18 - Apr 19 vs Nov 19 - Apr 20 - Commercial Rate G-52

140

141

142 November 1, 2019 - April 30, 2020

143 Commercial Rate (G-52)

144 PROPOSED

	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	Winter Nov-Apr
145 average Usage (Therms)	1,352	1,866	2,284	2,160	1,886	1,760	11,306
147 Winter:							
148 Cust. Chg	\$ 169.09	\$ 167.06	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 1,014.54
149 Headblock	\$ 0.2392	\$ 0.2363	\$ 0.2392	\$ 0.2392	\$ 0.2392	\$ 0.2392	\$ 1,435.20
151 Tailblock	\$ 0.1593	\$ 0.1574	\$ 0.1593	\$ 0.1593	\$ 0.1593	\$ 0.1593	\$ 845.32
152 HB Threshold	1,000	1,000					
153 Summer:							
154 Cust. Chg	\$ 169.09	\$ 167.06	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 1,014.54
155 Headblock	\$ 0.1733	\$ 0.1712	\$ 0.1733	\$ 0.1733	\$ 0.1733	\$ 0.1733	\$ 1,101.44
157 Tailblock	\$ 0.0985	\$ 0.0973	\$ 0.0985	\$ 0.0985	\$ 0.0985	\$ 0.0985	\$ 646.50
158 HB Threshold	1,000	1,000					
159 Total Base Rate Amount	\$ 464.32	\$ 546.23	\$ 612.77	\$ 593.02	\$ 549.36	\$ 529.37	\$ 3,295.06
160 COG Rate - (Seasonal)	\$ 0.6258	\$ 0.6258	\$ 0.6258	\$ 0.6258	\$ 0.6258	\$ 0.6258	\$ 0.6258
162 COG amount	\$ 845.92	\$ 1,167.69	\$ 1,429.07	\$ 1,351.49	\$ 1,179.97	\$ 1,101.44	\$ 7,075.59
164 LDAC	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478
165 LDAC amount	\$ 64.65	\$ 89.25	\$ 109.22	\$ 103.30	\$ 90.19	\$ 84.18	\$ 540.79
167 Total Bill	\$1,374.90	\$1,803.17	\$2,151.06	\$2,047.81	\$1,819.51	\$1,715.00	\$10,911.44

170 November 1, 2018 - April 30, 2019

171 Commercial Rate (G-52)

172 CURRENT

	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	Winter Nov-Apr
173 average Usage (Therms)	1,352	1,866	2,284	2,160	1,886	1,760	11,306
175 Winter:							
176 Cust. Chg	\$ 160.36	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 1,002.36
177 Headblock	\$ 0.2268	\$ 0.2363	\$ 0.2363	\$ 0.2363	\$ 0.2363	\$ 0.2363	\$ 1,417.80
178 Tailblock	\$ 0.1511	\$ 0.1574	\$ 0.1511	\$ 0.1511	\$ 0.1511	\$ 0.1511	\$ 835.24
180 HB Threshold	1,000	1,000					
181 Summer:							
182 Cust. Chg	\$ 168.21	\$ 169.75	\$ 168.21	\$ 168.21	\$ 168.21	\$ 168.21	\$ 1,002.36
183 Headblock	\$ 0.1724	\$ 0.1740	\$ 0.1724	\$ 0.1724	\$ 0.1724	\$ 0.1724	\$ 1,101.44
184 Tailblock	\$ 0.0980	\$ 0.0989	\$ 0.0980	\$ 0.0980	\$ 0.0980	\$ 0.0980	\$ 646.50
185 HB Threshold	1,000	1,000					
187 Total Base Rate Amount	\$ 458.72	\$ 539.65	\$ 605.40	\$ 585.88	\$ 542.74	\$ 522.99	\$ 3,255.40
188 COG Rate - (Seasonal)	\$ 0.7456	\$ 0.7456	\$ 0.7456	\$ 0.6760	\$ 0.5257	\$ 0.5870	\$ 0.6728
190 COG amount	\$ 1,007.86	\$ 1,391.23	\$ 1,723.88	\$ 1,459.91	\$ 991.23	\$ 1,033.15	\$ 7,607.26
192 LDAC	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757
193 LDAC amount	\$ 102.33	\$ 141.25	\$ 172.87	\$ 163.48	\$ 142.74	\$ 133.24	\$ 855.90
195 Total Bill	\$1,568.91	\$2,072.13	\$2,502.15	\$2,209.27	\$1,676.71	\$1,689.38	\$11,718.56

197 DIFFERENCE:

198 Total Bill	\$ (194.01)	\$ (268.96)	\$ (351.09)	\$ (161.47)	\$ 142.81	\$ 25.61	\$ (807.11)
199 % Change	-12.37%	-12.98%	-14.03%	-7.31%	8.52%	1.52%	-6.89%
201 Base Rate	\$ 5.60	\$ 6.58	\$ 7.37	\$ 7.13	\$ 6.61	\$ 6.37	\$ 39.66
202 % Change	1.22%	1.22%	1.22%	1.22%	1.22%	1.22%	1.22%
204 COG & LDAC	\$ (199.61)	\$ (275.54)	\$ (358.45)	\$ (168.60)	\$ 136.19	\$ 19.24	\$ (846.78)
205 % Change	-19.81%	-19.81%	-20.79%	-11.55%	13.74%	1.86%	-11.13%

Liberty Utilities (EnergyNorth Natural Gas) Corp.

1 d/b/a Liberty Utilities

2 Peak 2019 - 2020 Winter Cost of Gas Filing

207 Residential Heating

	Winter 2018-19	Winter 2019-20
208		
209 Customer Charge	\$ 15.02	\$ 15.20
210 First 100 Therms	\$ 0.5502	\$ 0.5569
211 Excess 100 Therms	\$ 0.5502	\$ 0.5569
212 LDAC	\$ 0.0660	\$ 0.0310
213 COG	\$ 0.6633	\$ 0.6203
214 Total Adjust	\$ 0.7293	\$ 0.6513

215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241

	Winter 2017-18 COG @	Winter 2018-19 CO	Total		Base Rate		COG		LDAC	
			\$ Impact	% Impact	\$ Impact	% Impact	\$ Impact	% Impact	\$ Impact	% Impact
220	\$0.7293	\$0.6513	(\$0.08)	-11%	\$0.00	0%	-\$0.22	-1%	-\$0.18	-1%
222 Cooking alone	5 \$21.42	\$21.03	(\$0.39)	-2%	\$0.00	0%	-\$0.43	-2%	-\$0.35	-1%
224	10 \$27.82	\$27.03	(\$0.78)	-3%	\$0.00	0%	-\$0.86	-2%	-\$0.70	-2%
226	20 \$40.61	\$39.05	(\$1.56)	-4%	\$0.00	0%	-\$1.29	-3%	-\$1.05	-2%
228 Water Heating alone	30 \$53.41	\$51.06	(\$2.34)	-4%	\$0.00	0%	-\$1.94	-3%	-\$1.58	-2%
230	45 \$72.60	\$69.09	(\$3.51)	-5%	\$0.00	0%	-\$2.15	-3%	-\$1.75	-2%
232	50 \$79.00	\$75.09	(\$3.90)	-5%	\$0.00	0%	-\$3.23	-3%	-\$2.63	-2%
234 Heating Alone	80 \$110.98	\$105.13	(\$5.85)	-5%	\$0.00	0%	-\$5.72	-3%	-\$4.66	-3%
236	125 \$185.20	\$174.82	(\$10.38)	-6%	\$0.00	0%	-\$6.45	-3%	-\$5.25	-3%
238	150 \$206.95	\$195.24	(\$11.71)	-6%	\$0.00	0%	-\$8.61	-3%	-\$7.01	-3%
240	200 \$270.93	\$255.31	(\$15.61)	-6%	\$0.00	0%				

**Liberty Utilities (Energy North Natural Gas) Corp. d/b/a Liberty Utilities
Revenue Decoupling Adjustment Factor (RDAF)
Allowed Base Revenue based on the intent of the RDAF**

**Revised Schedule 19
RDAF
Page 1 of 12**

THIS PAGE HAS BEEN WITHDRAWN

**Liberty Utilities (Energy North Natural Gas) Corp. d/b/a Liberty Utilities
Revenue Decoupling Adjustment Factor (RDAF)
Allowed Base Revenue based on the intent of the RDAF**

**Revised Schedule 19
RDAF
Page 2 of 12**

THIS PAGE HAS BEEN WITHDRAWN

**Liberty Utilities (Energy North Natural Gas) Corp. d/b/a Liberty Utilities
Revenue Decoupling Adjustment Factor (RDAF)
Allowed Base Revenue based on the intent of the RDAF**

**Revised Schedule 19
RDAF
Page 3 of 12**

SALES AND TRANSPORT DATA

CUSTOMER COMPONENT

THIS PAGE HAS BEEN WITHDRAWN

**Liberty Utilities (Energy North Natural Gas) Corp. d/b/a Liberty Utilities
Revenue Decoupling Adjustment Factor (RDAF)
Allowed Base Revenue based on the intent of the RDAF**

**Revised Schedule 19
RDAF
Page 4 of 12**

ENERGY COMPONENT

HEADBLOCK

THIS PAGE HAS BEEN WITHDRAWN

**Liberty Utilities (Energy North Natural Gas) Corp. d/b/a Liberty Utilities
Revenue Decoupling Adjustment Factor (RDAF)
Allowed Base Revenue based on the intent of the RDAF**

**Revised Schedule 19
RDAF
Page 5 of 12**

TAILBLOCK

THIS PAGE HAS BEEN WITHDRAWN

**Liberty Utilities (Energy North Natural Gas) Corp. d/b/a Liberty Utilities
Revenue Decoupling Adjustment Factor (RDAF)
Allowed Base Revenue based on the intent of the RDAF**

**Revised Schedule 19
RDAF
Page 6 of 12**

THIS PAGE HAS BEEN WITHDRAWN

Liberty Utilities (Energy North Natural Gas) Corp. d/b/a Liberty Utilities
Revenue Decoupling Adjustment Factor (RDAF)
Allowed Base Revenue based on the formula in the tariff

Revised Schedule 19
RDAF
Page 7 of 12

(1) (2) (3)

Residential Revenue Decoupling Adjustment Factor

1. Allowed Base Revenue	\$	40,585,321		
2. less: Actual and Estimated Base Revenue		<u>44,670,474</u>		
3. Revenue Deficiency / (Excess)	\$		(4,085,153)	
4. divided by: Forecasted Residential Sales			<u>65,525,887</u>	
5. Residential Revenue Decoupling Adjustment Factor	\$			<u><u>(0.0623)</u></u>

Commercial Revenue Decoupling Adjustment Factor

6. Allowed Base Revenue	\$	31,436,763		
7. less: Actual and Estimated Base Revenue		<u>34,368,401</u>		
8. Revenue Deficiency / (Excess)	\$		(2,931,638)	
9. divided by: Forecasted Commercial Sales			<u>121,652,799</u>	
10. Commercial Revenue Decoupling Adjustment Factor	\$			<u><u>(0.0241)</u></u>

Liberty Utilities (Energy North Natural Gas) Corp. d/b/a Liberty Utilities
 Revenue Decoupling Adjustment Factor (RDAF)
 Allowed Base Revenue based on the formula in the tariff

Revised Schedule 19
 RDAF
 Page 8 of 12

EnergyNorth Natural Gas Inc

2018-19 Customers (Equivalent Bills)

	S&T Nov-18	S&T Dec-18	S&T Jan-19	S&T Feb-19	S&T Mar-19	S&T Apr-19	S&T May-19	S&T Jun-19	S&T Jul-18	S&T Aug-18	S&T Total
R-1	3,492	3,607	3,611	3,258	3,608	3,489	3,605	3,481	3,574	3,586	35,311
R-3	71,747	74,482	74,676	67,598	74,949	72,450	74,670	72,069	73,360	73,237	729,238
R-4	5,948	6,205	6,210	5,599	6,170	5,875	5,956	5,679	5,777	5,675	59,095
Total Resid.	81,187	84,295	84,496	76,455	84,727	81,814	84,231	81,229	82,711	82,498	823,643
G-41	9,279	9,683	9,716	8,804	9,751	9,385	9,526	9,043	9,125	9,104	93,416
G-42	1,388	1,439	1,441	1,303	1,442	1,386	1,427	1,375	1,452	1,415	14,067
G-43	57	60	60	54	59	56	58	56	55	56	571
G-51	1,291	1,339	1,340	1,209	1,339	1,292	1,328	1,285	1,261	1,298	12,982
G-52	378	391	390	352	392	381	396	384	396	391	3,851
G-53	37	38	37	34	35	34	36	35	38	38	363
G-54	29	30	29	27	30	28	29	28	29	29	288
Total C/I	12,458	12,980	13,013	11,783	13,048	12,563	12,799	12,206	12,357	12,331	125,538
Total All	93,645	97,275	97,509	88,238	97,776	94,377	97,030	93,435	95,068	94,828	949,181

2018-19 Benchmark Base Revenue Per Bill

	S&T Nov-18	S&T Dec-18	S&T Jan-19	S&T Feb-19	S&T Mar-19	S&T Apr-19	S&T May-19	S&T Jun-19	S&T Jul-19	S&T Aug-19
R-1	\$ 23,348	\$ 25,283	\$ 26,012	\$ 25,753	\$ 24,068	\$ 21,406	\$ 20,682	\$ 19,317	\$ 18,581	\$ 18,520
R-3	\$ 57,780	\$ 77,468	\$ 88,801	\$ 83,856	\$ 71,842	\$ 45,379	\$ 33,218	\$ 25,573	\$ 22,855	\$ 22,974
R-4	\$ 22,047	\$ 29,563	\$ 33,409	\$ 31,062	\$ 28,369	\$ 19,541	\$ 12,971	\$ 10,385	\$ 9,239	\$ 9,352
G-41	\$ 139,367	\$ 185,085	\$ 211,254	\$ 201,863	\$ 172,188	\$ 118,730	\$ 88,674	\$ 72,229	\$ 67,581	\$ 67,203
G-42	\$ 821,458	\$ 1,125,575	\$ 1,259,787	\$ 1,167,405	\$ 983,555	\$ 684,624	\$ 472,419	\$ 349,595	\$ 296,514	\$ 289,956
G-43	\$ 6,550,598	\$ 7,502,097	\$ 8,664,543	\$ 7,626,280	\$ 6,553,396	\$ 4,286,167	\$ 2,095,245	\$ 1,460,169	\$ 1,276,137	\$ 1,310,918
G-51	\$ 115,703	\$ 127,293	\$ 130,854	\$ 125,983	\$ 115,870	\$ 99,796	\$ 94,811	\$ 85,816	\$ 86,305	\$ 87,102
G-52	\$ 627,414	\$ 664,356	\$ 662,625	\$ 649,692	\$ 593,999	\$ 514,744	\$ 372,278	\$ 338,050	\$ 345,377	\$ 356,854
G-53	\$ 5,223,263	\$ 6,402,732	\$ 5,376,660	\$ 5,441,929	\$ 5,316,353	\$ 4,644,882	\$ 2,523,664	\$ 2,138,370	\$ 2,145,270	\$ 2,343,537
G-54	\$ 4,462,745	\$ 4,980,221	\$ 4,323,529	\$ 3,728,568	\$ 2,872,867	\$ 3,248,080	\$ 2,004,687	\$ 2,363,392	\$ 2,360,857	\$ 2,675,881

2018-19 Allowed Base Revenue

	S&T Nov-18	S&T Dec-18	S&T Jan-19	S&T Feb-19	S&T Mar-19	S&T Apr-19	S&T May-19	S&T Jun-19	S&T Jul-19	S&T Aug-19	S&T Total
R-1	\$ 81,527	\$ 91,197	\$ 93,922	\$ 83,891	\$ 86,847	\$ 74,680	\$ 74,567	\$ 67,246	\$ 66,414	\$ 66,407	\$ 786,697
R-3	\$ 4,145,546	\$ 5,770,020	\$ 6,631,299	\$ 5,668,528	\$ 5,384,448	\$ 3,287,719	\$ 2,480,407	\$ 1,842,996	\$ 1,676,613	\$ 1,682,555	\$ 38,570,131
R-4	\$ 131,133	\$ 183,445	\$ 207,454	\$ 173,927	\$ 175,042	\$ 114,809	\$ 77,260	\$ 58,978	\$ 53,370	\$ 53,073	\$ 1,228,492
Total Resid.	\$ 4,358,207	\$ 6,044,662	\$ 6,932,675	\$ 5,926,346	\$ 5,646,337	\$ 3,477,208	\$ 2,632,234	\$ 1,969,220	\$ 1,796,397	\$ 1,802,035	\$ 40,585,321
G-41	\$ 1,293,228	\$ 1,792,221	\$ 2,052,443	\$ 1,777,158	\$ 1,678,971	\$ 1,114,268	\$ 844,671	\$ 653,195	\$ 616,699	\$ 611,821	\$ 12,434,674
G-42	\$ 1,139,946	\$ 1,619,826	\$ 1,815,459	\$ 1,521,121	\$ 1,418,584	\$ 948,585	\$ 673,921	\$ 480,758	\$ 430,461	\$ 410,240	\$ 10,458,902
G-43	\$ 370,546	\$ 453,128	\$ 519,296	\$ 412,836	\$ 387,525	\$ 240,740	\$ 121,245	\$ 81,867	\$ 70,230	\$ 73,193	\$ 2,730,605
G-51	\$ 149,337	\$ 170,455	\$ 175,348	\$ 152,337	\$ 155,124	\$ 128,940	\$ 125,890	\$ 110,257	\$ 108,874	\$ 113,043	\$ 1,389,604
G-52	\$ 236,995	\$ 259,433	\$ 258,532	\$ 228,906	\$ 232,868	\$ 196,359	\$ 147,437	\$ 129,752	\$ 136,923	\$ 139,482	\$ 1,966,686
G-53	\$ 193,261	\$ 240,528	\$ 200,011	\$ 182,849	\$ 188,021	\$ 160,248	\$ 90,936	\$ 74,629	\$ 82,021	\$ 89,601	\$ 1,502,104
G-54	\$ 129,420	\$ 149,240	\$ 127,207	\$ 100,837	\$ 86,090	\$ 91,487	\$ 58,002	\$ 66,175	\$ 68,308	\$ 77,422	\$ 954,188
Total C/I	\$ 3,512,731	\$ 4,684,830	\$ 5,148,296	\$ 4,376,043	\$ 4,147,181	\$ 2,880,627	\$ 2,062,103	\$ 1,596,633	\$ 1,513,516	\$ 1,514,802	\$ 31,436,763
Total All	\$ 7,870,938	\$ 10,729,492	\$ 12,080,971	\$ 10,302,389	\$ 9,793,519	\$ 6,357,835	\$ 4,694,336	\$ 3,565,853	\$ 3,309,912	\$ 3,316,837	\$ 72,022,084

Liberty Utilities (Energy North Natural Gas) Corp. d/b/a Liberty Utilities
Revenue Decoupling Adjustment Factor (RDAF)
Allowed Base Revenue based on the formula in the tariff

Revised Schedule 19
RDAF
Page 9 of 12

SALES AND TRANSPORT DATA

CUSTOMER COMPONENT

EnergyNorth Natural Gas Inc

2018-19 Customers (Equivalent Bills)

	S&T Nov-18	S&T Dec-18	S&T Jan-19	S&T Feb-19	S&T Mar-19	S&T Apr-19	S&T May-19	S&T Jun-19	S&T Jul-18	S&T Aug-18	S&T Total
R-1	3,492	3,607	3,611	3,258	3,608	3,489	3,605	3,481	3,574	3,586	35,311
R-3	71,747	74,482	74,676	67,598	74,949	72,450	74,670	72,069	73,360	73,237	729,238
R-4	5,948	6,205	6,210	5,599	6,170	5,875	5,956	5,679	5,777	5,675	59,095
Total Resid.	81,187	84,295	84,496	76,455	84,727	81,814	84,231	81,229	82,711	82,498	823,643
G-41	9,279	9,683	9,716	8,804	9,751	9,385	9,526	9,043	9,125	9,104	93,416
G-42	1,388	1,439	1,441	1,303	1,442	1,386	1,427	1,375	1,452	1,415	14,067
G-43	57	60	60	54	59	56	58	56	55	56	571
G-51	1,291	1,339	1,340	1,209	1,339	1,292	1,328	1,285	1,261	1,298	12,982
G-52	378	391	390	352	392	381	396	384	396	391	3,851
G-53	37	38	37	34	35	34	36	35	38	38	363
G-54	29	30	29	27	30	28	29	28	29	29	288
Total C/I	12,458	12,980	13,013	11,783	13,048	12,563	12,799	12,206	12,357	12,331	125,538
Total All	93,645	97,275	97,509	88,238	97,776	94,377	97,030	93,435	95,068	94,828	949,181

2018-19 Customer Charge

	S&T Nov-18	S&T Dec-18	S&T Jan-19	S&T Feb-19	S&T Mar-19	S&T Apr-19	S&T May-19	S&T Jun-19	S&T Jul-19	S&T Aug-19
R-1	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.20
R-3	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.20
R-4	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.20
G-41	\$ 55.68	\$ 55.68	\$ 55.68	\$ 55.68	\$ 55.68	\$ 55.68	\$ 55.68	\$ 55.68	\$ 56.36	\$ 56.36
G-42	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 169.09	\$ 169.09
G-43	\$ 716.95	\$ 716.95	\$ 716.95	\$ 716.95	\$ 716.95	\$ 716.95	\$ 716.95	\$ 716.95	\$ 725.66	\$ 725.66
G-51	\$ 55.68	\$ 55.68	\$ 55.68	\$ 55.68	\$ 55.68	\$ 55.68	\$ 55.68	\$ 55.68	\$ 56.36	\$ 56.36
G-52	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 169.09	\$ 169.09
G-53	\$ 737.84	\$ 737.84	\$ 737.84	\$ 737.84	\$ 737.84	\$ 737.84	\$ 737.84	\$ 737.84	\$ 746.81	\$ 746.81
G-54	\$ 737.84	\$ 737.84	\$ 737.84	\$ 737.84	\$ 737.84	\$ 737.84	\$ 737.84	\$ 737.84	\$ 746.81	\$ 746.81

2018-19 Customer Revenue

	S&T Nov-18	S&T Dec-18	S&T Jan-19	S&T Feb-19	S&T Mar-19	S&T Apr-19	S&T May-19	S&T Jun-19	S&T Jul-19	S&T Aug-19	S&T Total
R-1	\$ 52,451	\$ 54,183	\$ 54,237	\$ 48,932	\$ 54,202	\$ 52,404	\$ 54,158	\$ 52,291	\$ 54,337	\$ 54,511	\$ 531,706
R-3	\$ 1,077,733	\$ 1,118,817	\$ 1,121,723	\$ 1,015,408	\$ 1,125,820	\$ 1,088,293	\$ 1,121,628	\$ 1,082,561	\$ 1,115,259	\$ 1,113,383	\$ 10,980,626
R-4	\$ 89,344	\$ 93,209	\$ 93,275	\$ 84,110	\$ 92,684	\$ 88,256	\$ 89,469	\$ 85,305	\$ 87,820	\$ 86,280	\$ 889,752
Total Resid.	\$ 1,219,528	\$ 1,266,209	\$ 1,269,235	\$ 1,148,451	\$ 1,272,707	\$ 1,226,953	\$ 1,265,255	\$ 1,220,157	\$ 1,257,416	\$ 1,254,174	\$ 12,402,084
G-41	\$ 516,704	\$ 539,197	\$ 540,996	\$ 490,224	\$ 542,960	\$ 522,584	\$ 530,418	\$ 503,568	\$ 514,272	\$ 513,073	\$ 5,213,997
G-42	\$ 231,832	\$ 240,418	\$ 240,749	\$ 217,679	\$ 240,952	\$ 231,472	\$ 238,317	\$ 229,739	\$ 245,475	\$ 239,235	\$ 2,355,869
G-43	\$ 40,556	\$ 43,304	\$ 42,969	\$ 38,811	\$ 42,396	\$ 40,269	\$ 41,488	\$ 40,197	\$ 39,936	\$ 40,516	\$ 410,440
G-51	\$ 71,870	\$ 74,564	\$ 74,618	\$ 67,331	\$ 74,547	\$ 71,945	\$ 73,937	\$ 71,542	\$ 71,094	\$ 73,141	\$ 724,589
G-52	\$ 63,104	\$ 65,238	\$ 65,181	\$ 58,861	\$ 65,493	\$ 63,728	\$ 66,163	\$ 64,122	\$ 67,035	\$ 66,091	\$ 645,016
G-53	\$ 27,300	\$ 27,718	\$ 27,447	\$ 24,791	\$ 26,095	\$ 25,455	\$ 26,587	\$ 25,751	\$ 28,553	\$ 28,553	\$ 268,250
G-54	\$ 21,397	\$ 22,110	\$ 21,709	\$ 19,954	\$ 22,110	\$ 20,782	\$ 21,348	\$ 20,659	\$ 21,608	\$ 21,608	\$ 213,286
Total C/I	\$ 972,763	\$ 1,012,550	\$ 1,013,668	\$ 917,652	\$ 1,014,553	\$ 976,236	\$ 998,257	\$ 955,579	\$ 987,972	\$ 982,217	\$ 9,831,448
Total All	\$ 2,192,291	\$ 2,278,759	\$ 2,282,903	\$ 2,066,103	\$ 2,287,260	\$ 2,205,189	\$ 2,263,512	\$ 2,175,736	\$ 2,245,388	\$ 2,236,391	\$ 22,233,532

Liberty Utilities (Energy North Natural Gas) Corp. d/b/a Liberty Utilities
 Revenue Decoupling Adjustment Factor (RDAF)
 Allowed Base Revenue based on the formula in the tariff

Revised Schedule 19
 RDAF
 Page 10 of 12

ENERGY COMPONENT

HEADBLOCK

2018-19 Decoupling Year Volume Headblock

	S&T Nov-18	S&T Dec-18	S&T Jan-19	S&T Feb-19	S&T Mar-19	S&T Apr-19	S&T May-19	S&T Jun-19	S&T Jul-18	S&T Aug-18	S&T Total
R-1	66,792	87,822	99,362	85,620	83,304	65,051	51,933	39,449	32,291	32,765	644,390
R-3	6,221,642	9,273,573	10,904,070	9,354,740	7,899,041	4,508,297	2,467,008	1,285,515	990,721	989,518	53,894,124
R-4	491,772	735,019	873,656	741,408	632,293	360,273	194,913	104,523	79,984	78,607	4,292,449
Total Resid.	6,780,206	10,096,414	11,877,089	10,181,768	8,614,637	4,933,621	2,713,854	1,429,487	1,102,997	1,100,890	58,830,964
G-41	698,491	844,909	926,015	786,563	812,716	565,676	193,382	74,324	57,111	57,590	5,016,777
G-42	1,241,023	1,392,453	1,480,285	1,260,544	1,375,171	1,112,472	572,704	309,194	259,160	258,160	9,261,165
G-43	1,170,879	1,560,031	1,880,532	1,588,205	1,421,586	921,228	605,797	357,158	250,469	286,023	10,041,907
G-51	89,144	92,287	99,291	84,728	92,222	85,981	84,523	78,530	74,698	80,167	861,572
G-52	367,555	376,179	397,277	337,304	372,033	351,543	342,439	318,213	318,801	332,043	3,513,388
G-53	931,915	1,052,819	1,326,395	1,075,500	1,041,483	836,257	775,207	663,591	645,678	699,787	9,048,631
G-54	1,738,724	1,395,308	1,366,276	1,273,105	1,248,999	1,368,406	1,679,230	1,659,707	1,578,597	1,678,114	14,986,466
Total C/I	6,237,730	6,713,985	7,476,072	6,405,948	6,364,211	5,241,563	4,253,283	3,460,715	3,184,514	3,391,883	52,729,905
Total All	13,017,936	16,810,400	19,353,161	16,587,717	14,978,848	10,175,185	6,967,137	4,890,202	4,287,510	4,492,773	111,560,869

2018-19 Headblock Charge

	S&T Nov-18	S&T Dec-18	S&T Jan-19	S&T Feb-19	S&T Mar-19	S&T Apr-19	S&T May-19	S&T Jun-19	S&T Jul-19	S&T Aug-19
R-1	\$ 0.3741	\$ 0.3741	\$ 0.3741	\$ 0.3741	\$ 0.3741	\$ 0.3741	\$ 0.3741	\$ 0.3741	\$ 0.3786	\$ 0.3786
R-3	\$ 0.5502	\$ 0.5502	\$ 0.5502	\$ 0.5502	\$ 0.5502	\$ 0.5502	\$ 0.5502	\$ 0.5502	\$ 0.5569	\$ 0.5569
R-4	\$ 0.5502	\$ 0.5502	\$ 0.5502	\$ 0.5502	\$ 0.5502	\$ 0.5502	\$ 0.5502	\$ 0.5502	\$ 0.5569	\$ 0.5569
G-41	\$ 0.4566	\$ 0.4566	\$ 0.4566	\$ 0.4566	\$ 0.4566	\$ 0.4566	\$ 0.4566	\$ 0.4566	\$ 0.4621	\$ 0.4621
G-42	\$ 0.4152	\$ 0.4152	\$ 0.4152	\$ 0.4152	\$ 0.4152	\$ 0.4152	\$ 0.4152	\$ 0.4152	\$ 0.4202	\$ 0.4202
G-43	\$ 0.2552	\$ 0.2552	\$ 0.2552	\$ 0.2552	\$ 0.2552	\$ 0.2552	\$ 0.1167	\$ 0.1167	\$ 0.1181	\$ 0.1181
G-51	\$ 0.2752	\$ 0.2752	\$ 0.2752	\$ 0.2752	\$ 0.2752	\$ 0.2752	\$ 0.2752	\$ 0.2752	\$ 0.2785	\$ 0.2785
G-52	\$ 0.2363	\$ 0.2363	\$ 0.2363	\$ 0.2363	\$ 0.2363	\$ 0.2363	\$ 0.1712	\$ 0.1712	\$ 0.1733	\$ 0.1733
G-53	\$ 0.1652	\$ 0.1652	\$ 0.1652	\$ 0.1652	\$ 0.1652	\$ 0.1652	\$ 0.0792	\$ 0.0792	\$ 0.0802	\$ 0.0802
G-54	\$ 0.0630	\$ 0.0630	\$ 0.0630	\$ 0.0630	\$ 0.0630	\$ 0.0630	\$ 0.0342	\$ 0.0342	\$ 0.0346	\$ 0.0346

2018-19 Decoupling Year Volume Headblock Revenue

	S&T Nov-18	S&T Dec-18	S&T Jan-19	S&T Feb-19	S&T Mar-19	S&T Apr-19	S&T May-19	S&T Jun-19	S&T Jul-19	S&T Aug-19	S&T Total
R-1	\$ 24,988	\$ 32,856	\$ 37,173	\$ 32,032	\$ 31,165	\$ 24,337	\$ 19,429	\$ 14,759	\$ 12,227	\$ 12,406	\$ 241,372
R-3	\$ 3,422,977	\$ 5,102,066	\$ 5,999,121	\$ 5,146,722	\$ 4,345,836	\$ 2,480,341	\$ 1,357,280	\$ 707,255	\$ 551,719	\$ 551,049	\$ 29,664,365
R-4	\$ 270,560	\$ 404,388	\$ 480,662	\$ 407,903	\$ 347,870	\$ 198,212	\$ 107,236	\$ 57,505	\$ 44,542	\$ 43,775	\$ 2,362,653
Total Resid.	\$ 3,718,524	\$ 5,539,309	\$ 6,516,956	\$ 5,586,656	\$ 4,724,871	\$ 2,702,891	\$ 1,483,945	\$ 779,519	\$ 608,488	\$ 607,230	\$ 32,268,390
G-41	\$ 318,926	\$ 385,779	\$ 422,812	\$ 359,139	\$ 371,080	\$ 258,283	\$ 88,297	\$ 33,936	\$ 26,394	\$ 26,615	\$ 2,291,261
G-42	\$ 515,277	\$ 578,151	\$ 614,620	\$ 523,383	\$ 570,976	\$ 461,902	\$ 237,789	\$ 128,378	\$ 108,911	\$ 108,490	\$ 3,847,878
G-43	\$ 298,807	\$ 398,119	\$ 479,911	\$ 405,309	\$ 362,788	\$ 235,097	\$ 70,695	\$ 41,679	\$ 29,585	\$ 33,784	\$ 2,355,774
G-51	\$ 24,531	\$ 25,396	\$ 27,324	\$ 23,316	\$ 25,378	\$ 23,661	\$ 23,260	\$ 21,610	\$ 20,807	\$ 22,330	\$ 237,614
G-52	\$ 86,861	\$ 88,899	\$ 93,885	\$ 79,712	\$ 87,920	\$ 83,077	\$ 58,629	\$ 54,481	\$ 55,242	\$ 57,537	\$ 746,244
G-53	\$ 153,908	\$ 173,876	\$ 219,058	\$ 177,622	\$ 172,004	\$ 138,110	\$ 61,431	\$ 52,586	\$ 51,759	\$ 56,097	\$ 1,256,451
G-54	\$ 109,526	\$ 87,894	\$ 86,065	\$ 80,196	\$ 78,677	\$ 86,199	\$ 57,466	\$ 56,798	\$ 54,644	\$ 58,089	\$ 755,554
Total C/I	\$ 1,507,838	\$ 1,738,115	\$ 1,943,674	\$ 1,648,676	\$ 1,668,823	\$ 1,286,330	\$ 597,566	\$ 389,469	\$ 347,342	\$ 362,942	\$ 11,490,775
Total All	\$ 5,226,362	\$ 7,277,424	\$ 8,460,629	\$ 7,235,332	\$ 6,393,695	\$ 3,989,221	\$ 2,081,511	\$ 1,168,988	\$ 955,830	\$ 970,173	\$ 43,759,165

Liberty Utilities (Energy North Natural Gas) Corp. d/b/a Liberty Utilities
 Revenue Decoupling Adjustment Factor (RDAF)
 Allowed Base Revenue based on the formula in the tariff

Revised Schedule 19
 RDAF
 Page 11 of 12

TAILBLOCK

2018-19 Decoupling Year Volume Tailblock												
	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
2	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-18	Aug-18		Total
R-1	-	-	-	-	-	-	-	-	-	-	-	-
R-3	-	-	-	-	-	-	-	-	-	-	-	-
R-4	-	-	-	-	-	-	-	-	-	-	-	-
Total Resid.	-	-	-	-	-	-	-	-	-	-	-	-
G-41	1,938,614	3,343,950	4,166,822	3,576,457	2,740,654	1,255,821	668,596	279,273	188,281	175,600		18,334,069
G-42	2,451,369	4,101,210	4,969,759	4,330,009	3,389,239	1,645,906	909,929	385,250	248,064	272,512		22,703,247
G-43	-	-	-	-	-	-	-	-	-	-		-
G-51	263,711	349,540	410,409	357,324	332,444	250,801	213,310	170,693	144,292	154,724		2,647,724
G-52	488,052	651,357	760,745	660,694	606,499	430,589	314,228	245,164	222,157	241,924		4,621,407
G-53	-	-	-	-	-	-	-	-	-	-		-
G-54	-	-	-	-	-	-	-	-	-	-		-
Total C/I	5,141,746	8,446,056	10,307,734	8,924,483	7,068,836	3,583,117	2,106,064	1,080,380	802,794	844,759		48,305,971
Total All	5,141,746	8,446,056	10,307,734	8,924,483	7,068,836	3,583,117	2,106,064	1,080,380	802,794	844,759		48,305,971

2018-19 Tailblock Charge												
	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19		
R-1	\$ 0.3741	\$ 0.3741	\$ 0.3741	\$ 0.3741	\$ 0.3741	\$ 0.3741	\$ 0.3741	\$ 0.3741	\$ 0.3741	\$ 0.3786		\$ 0.3786
R-3	\$ 0.5502	\$ 0.5502	\$ 0.5502	\$ 0.5502	\$ 0.5502	\$ 0.5502	\$ 0.5502	\$ 0.5502	\$ 0.5502	\$ 0.5569		\$ 0.5569
R-4	\$ 0.2201	\$ 0.2201	\$ 0.2201	\$ 0.2201	\$ 0.2201	\$ 0.2201	\$ 0.2201	\$ 0.2201	\$ 0.2201	\$ 0.2228		\$ 0.2228
G-41	\$ 0.3067	\$ 0.3067	\$ 0.3067	\$ 0.3067	\$ 0.3067	\$ 0.3067	\$ 0.3067	\$ 0.3067	\$ 0.3067	\$ 0.3104		\$ 0.3104
G-42	\$ 0.2766	\$ 0.2766	\$ 0.2766	\$ 0.2766	\$ 0.2766	\$ 0.2766	\$ 0.2766	\$ 0.2766	\$ 0.2766	\$ 0.2800		\$ 0.2800
G-43	\$ 0.2552	\$ 0.2552	\$ 0.2552	\$ 0.2552	\$ 0.2552	\$ 0.2552	\$ 0.2552	\$ 0.1167	\$ 0.1167	\$ 0.1181		\$ 0.1181
G-51	\$ 0.1789	\$ 0.1789	\$ 0.1789	\$ 0.1789	\$ 0.1789	\$ 0.1789	\$ 0.1789	\$ 0.1789	\$ 0.1789	\$ 0.1811		\$ 0.1811
G-52	\$ 0.1574	\$ 0.1574	\$ 0.1574	\$ 0.1574	\$ 0.1574	\$ 0.1574	\$ 0.1574	\$ 0.0973	\$ 0.0973	\$ 0.0985		\$ 0.0985
G-53	\$ 0.1652	\$ 0.1652	\$ 0.1652	\$ 0.1652	\$ 0.1652	\$ 0.1652	\$ 0.1652	\$ 0.0792	\$ 0.0792	\$ 0.0802		\$ 0.0802
G-54	\$ 0.0630	\$ 0.0630	\$ 0.0630	\$ 0.0630	\$ 0.0630	\$ 0.0630	\$ 0.0630	\$ 0.0342	\$ 0.0342	\$ 0.0346		\$ 0.0346

2018-19 Decoupling Year Volume Tailblock Revenue												
	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19		Total
R-1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
R-3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
R-4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
Total Resid.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
G-41	\$ 594,541	\$ 1,025,534	\$ 1,277,895	\$ 1,096,840	\$ 840,513	\$ 385,139	\$ 205,047	\$ 85,648	\$ 58,448	\$ 54,511		\$ 5,624,116
G-42	\$ 678,050	\$ 1,134,397	\$ 1,374,638	\$ 1,197,683	\$ 937,465	\$ 455,258	\$ 251,687	\$ 106,560	\$ 69,448	\$ 76,293		\$ 6,281,480
G-43	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
G-51	\$ 47,173	\$ 62,526	\$ 73,415	\$ 63,919	\$ 59,468	\$ 44,864	\$ 38,157	\$ 30,534	\$ 26,128	\$ 28,017		\$ 474,200
G-52	\$ 76,809	\$ 102,510	\$ 119,726	\$ 103,980	\$ 95,451	\$ 67,766	\$ 30,579	\$ 23,858	\$ 21,879	\$ 23,825		\$ 666,383
G-53	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
G-54	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
Total C/I	\$ 1,396,573	\$ 2,324,967	\$ 2,845,673	\$ 2,462,421	\$ 1,932,897	\$ 953,028	\$ 525,471	\$ 246,601	\$ 175,902	\$ 182,645		\$ 13,046,179
Total All	\$ 1,396,573	\$ 2,324,967	\$ 2,845,673	\$ 2,462,421	\$ 1,932,897	\$ 953,028	\$ 525,471	\$ 246,601	\$ 175,902	\$ 182,645		\$ 13,046,179

Liberty Utilities (Energy North Natural Gas) Corp. d/b/a Liberty Utilities
 Revenue Decoupling Adjustment Factor (RDAF)
 Allowed Base Revenue based on the formula in the tariff

Revised Schedule 19
 RDAF
 Page 12 of 12

HEADBLOCK + TAILBLOCK

2018-19 Decoupling Year Volume Headblock + Tailblock	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-18	Aug-18	Total
R-1	66,792	87,822	99,362	85,620	83,304	65,051	51,933	39,449	32,291	32,765	644,390
R-3	6,221,642	9,273,573	10,904,070	9,354,740	7,899,041	4,508,297	2,467,008	1,285,515	990,721	989,518	53,894,124
R-4	491,772	735,019	873,656	741,408	632,293	360,273	194,913	104,523	79,984	78,607	4,292,449
Total Resid.	6,780,206	10,096,414	11,877,089	10,181,768	8,614,637	4,933,621	2,713,854	1,429,487	1,102,997	1,100,890	58,830,964
G-41	2,637,105	4,188,859	5,092,837	4,363,020	3,553,370	1,821,497	861,978	353,597	245,393	233,190	23,350,846
G-42	3,692,391	5,493,662	6,450,044	5,590,553	4,764,411	2,758,378	1,482,633	694,444	507,224	530,672	31,964,413
G-43	1,170,879	1,560,031	1,880,532	1,588,205	1,421,586	921,228	605,797	357,158	250,469	286,023	10,041,907
G-51	352,855	441,827	509,700	442,052	424,666	336,783	297,833	249,223	218,990	234,891	3,508,820
G-52	855,608	1,027,535	1,158,022	997,997	978,532	782,132	656,667	563,376	540,958	573,966	8,134,795
G-53	931,915	1,052,819	1,326,395	1,075,500	1,041,483	836,257	775,207	663,591	645,678	699,787	9,048,631
G-54	1,738,724	1,395,308	1,366,276	1,273,105	1,248,999	1,368,406	1,679,230	1,659,707	1,578,597	1,678,114	14,986,466
Total C/I	11,379,477	15,160,041	17,783,806	15,330,432	13,433,046	8,824,681	6,359,347	4,541,096	3,987,308	4,236,643	101,035,876
Total All	18,159,682	25,256,456	29,660,895	25,512,200	22,047,684	13,758,302	9,073,201	5,970,583	5,090,305	5,337,533	159,866,840

2018-19 Decoupling Year Volume Headblock + Tailblock Revenue	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Total
R-1	\$ 24,988	\$ 32,856	\$ 37,173	\$ 32,032	\$ 31,165	\$ 24,337	\$ 19,429	\$ 14,759	\$ 12,227	\$ 12,406	\$ 241,372
R-3	\$ 3,422,977	\$ 5,102,066	\$ 5,999,121	\$ 5,146,722	\$ 4,345,836	\$ 2,480,341	\$ 1,357,280	\$ 707,255	\$ 551,719	\$ 551,049	\$ 29,664,365
R-4	\$ 270,560	\$ 404,388	\$ 480,662	\$ 407,903	\$ 347,870	\$ 198,212	\$ 107,236	\$ 57,505	\$ 44,542	\$ 43,775	\$ 2,362,653
Total Resid.	\$ 3,718,524	\$ 5,539,309	\$ 6,516,956	\$ 5,586,656	\$ 4,724,871	\$ 2,702,891	\$ 1,483,945	\$ 779,519	\$ 608,488	\$ 607,230	\$ 32,268,390
G-41	\$ 913,467	\$ 1,411,313	\$ 1,700,707	\$ 1,455,979	\$ 1,211,593	\$ 643,423	\$ 293,344	\$ 119,584	\$ 84,842	\$ 81,126	\$ 7,915,378
G-42	\$ 1,193,327	\$ 1,712,548	\$ 1,989,258	\$ 1,721,065	\$ 1,508,442	\$ 917,161	\$ 489,476	\$ 234,939	\$ 178,359	\$ 184,783	\$ 10,129,358
G-43	\$ 298,807	\$ 398,119	\$ 479,911	\$ 405,309	\$ 362,788	\$ 235,097	\$ 70,695	\$ 41,679	\$ 29,585	\$ 33,784	\$ 2,355,774
G-51	\$ 71,704	\$ 87,923	\$ 100,738	\$ 87,235	\$ 84,847	\$ 68,525	\$ 61,417	\$ 52,144	\$ 46,934	\$ 50,346	\$ 711,813
G-52	\$ 163,671	\$ 191,410	\$ 213,611	\$ 183,692	\$ 183,370	\$ 150,843	\$ 89,208	\$ 78,339	\$ 77,120	\$ 81,362	\$ 1,412,626
G-53	\$ 153,908	\$ 173,876	\$ 219,058	\$ 177,622	\$ 172,004	\$ 138,110	\$ 61,431	\$ 52,586	\$ 51,759	\$ 56,097	\$ 1,256,451
G-54	\$ 109,526	\$ 87,894	\$ 86,065	\$ 80,196	\$ 78,677	\$ 86,199	\$ 57,466	\$ 56,798	\$ 54,644	\$ 58,089	\$ 755,554
Total C/I	\$ 2,904,411	\$ 4,063,082	\$ 4,789,347	\$ 4,111,097	\$ 3,601,720	\$ 2,239,358	\$ 1,123,037	\$ 636,070	\$ 523,244	\$ 545,588	\$ 24,536,954
Total All	\$ 6,622,935	\$ 9,602,391	\$ 11,306,303	\$ 9,697,754	\$ 8,326,592	\$ 4,942,248	\$ 2,606,982	\$ 1,415,589	\$ 1,131,732	\$ 1,152,818	\$ 56,805,344

TOTAL REVENUE

2018-19 Decoupling Year Base Revenue	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Total
R-1	\$ 77,439	\$ 87,039	\$ 91,410	\$ 80,964	\$ 85,368	\$ 76,741	\$ 73,587	\$ 67,049	\$ 66,563	\$ 66,917	\$ 773,078
R-3	\$ 4,500,710	\$ 6,220,883	\$ 7,120,844	\$ 6,162,130	\$ 5,471,656	\$ 3,568,634	\$ 2,478,908	\$ 1,789,816	\$ 1,666,978	\$ 1,664,432	\$ 40,644,991
R-4	\$ 359,903	\$ 497,596	\$ 573,936	\$ 492,013	\$ 440,554	\$ 286,468	\$ 196,705	\$ 142,811	\$ 132,362	\$ 130,055	\$ 3,252,404
Total Resid.	\$ 4,938,052	\$ 6,805,518	\$ 7,786,191	\$ 6,735,107	\$ 5,997,578	\$ 3,931,843	\$ 2,749,200	\$ 1,999,677	\$ 1,865,904	\$ 1,861,404	\$ 44,670,474
G-41	\$ 1,430,171	\$ 1,950,510	\$ 2,241,703	\$ 1,946,203	\$ 1,754,553	\$ 1,166,007	\$ 823,762	\$ 623,152	\$ 599,114	\$ 594,200	\$ 13,129,375
G-42	\$ 1,425,159	\$ 1,952,967	\$ 2,230,006	\$ 1,938,744	\$ 1,749,393	\$ 1,148,633	\$ 727,793	\$ 464,678	\$ 423,835	\$ 424,018	\$ 12,485,227
G-43	\$ 339,363	\$ 441,423	\$ 522,880	\$ 444,120	\$ 405,183	\$ 275,366	\$ 112,182	\$ 81,876	\$ 69,520	\$ 74,301	\$ 2,766,214
G-51	\$ 143,575	\$ 162,487	\$ 175,356	\$ 154,566	\$ 159,394	\$ 140,470	\$ 135,354	\$ 123,686	\$ 118,028	\$ 123,487	\$ 1,436,403
G-52	\$ 226,775	\$ 256,647	\$ 278,792	\$ 242,553	\$ 248,864	\$ 214,572	\$ 155,371	\$ 142,461	\$ 144,155	\$ 147,453	\$ 2,057,643
G-53	\$ 181,208	\$ 201,594	\$ 246,505	\$ 202,413	\$ 198,099	\$ 163,565	\$ 88,018	\$ 78,337	\$ 80,312	\$ 84,650	\$ 1,524,700
G-54	\$ 130,923	\$ 110,004	\$ 107,773	\$ 100,150	\$ 100,788	\$ 106,981	\$ 78,814	\$ 77,458	\$ 76,252	\$ 79,697	\$ 968,840
Total C/I	\$ 3,877,174	\$ 5,075,631	\$ 5,803,015	\$ 5,028,749	\$ 4,616,274	\$ 3,215,593	\$ 2,121,294	\$ 1,591,649	\$ 1,511,216	\$ 1,527,805	\$ 34,368,401
Total All	\$ 8,815,226	\$ 11,881,150	\$ 13,589,206	\$ 11,763,856	\$ 10,613,852	\$ 7,147,437	\$ 4,870,494	\$ 3,591,326	\$ 3,377,119	\$ 3,389,209	\$ 79,038,875

II RATE SCHEDULES
FIRM RATE SCHEDULES

Rates effective November 1, 2019 - April 30, 2020
Rates effective April 1, 2019 - April 30, 2019
Winter Period

Rates Effective May 1, 2020 - October 31, 2020
Rates Effective September 1, 2018 - October 31, 2018
Summer Period

	Delivery Charge	Cost of Gas Rate Page 89	LDAC Page 97	Total Rate	Delivery Charge	Cost of Gas Rate Page 89	LDAC Page 97	Total Rate
Residential Non Heating - R-1	\$ 15.02			\$ 15.02	\$ 15.02			\$ 15.02
Customer Charge per Month per Meter	\$ 15.20			\$ 15.20	\$ 15.20			\$ 15.20
All Therms	\$ 0.3786	\$ 0.6203	\$ 0.0310	\$ 1.0299	\$ 0.3786	\$ 0.4520	\$ 0.0310	\$ 0.8616
	\$ 0.3741	\$ 0.5825	\$ 0.0660	\$ 1.0226	\$ 0.3938	\$ 0.3916	\$ 0.0945	\$ 0.8799
Residential Heating - R-3	\$ 15.02			\$ 15.02	\$ 15.02			\$ 15.02
Customer Charge per Month per Meter	\$ 15.20			\$ 15.20	\$ 15.20			\$ 15.20
Size of the first block								
all therms								
Therms in the first block per month at	\$ 0.5569	\$ 0.6203	\$ 0.0310	\$ 1.2082	\$ 0.5569	\$ 0.4520	\$ 0.0310	\$ 1.0399
	\$ 0.5502	\$ 0.5825	\$ 0.0660	\$ 1.1987	\$ 0.5634	\$ 0.3916	\$ 0.0945	\$ 1.0492
Residential Heating - R-4	\$ 6.04			\$ 6.04	\$ 6.00			\$ 6.00
Customer Charge per Month per Meter	\$ 6.08			\$ 6.08	\$ 6.08			\$ 6.08
Size of the first block								
all therms								
20 therms	\$ 0.2228	\$ 0.6203	\$ 0.0310	\$ 0.8740	\$ 0.2228	\$ 0.4520	\$ 0.0310	\$ 0.7058
Therms in the first block per month at	\$ 0.2201	\$ 0.5825	\$ 0.0660	\$ 0.8686	\$ 0.2252	\$ 0.3916	\$ 0.0945	\$ 0.7113
Commercial/Industrial - G-41	\$ 56.68			\$ 56.68	\$ 56.58			\$ 56.58
Customer Charge per Month per Meter	\$ 56.36			\$ 56.36	\$ 56.36			\$ 56.36
Size of the first block								
100 therms								
20 therms	\$ 0.4621	\$ 0.6190	\$ 0.0478	\$ 1.1290	\$ 0.4621	\$ 0.4474	\$ 0.0478	\$ 0.9573
Therms in the first block per month at	\$ 0.4566	\$ 0.5817	\$ 0.0757	\$ 1.1140	\$ 0.4639	\$ 0.3855	\$ 0.0763	\$ 0.9257
	\$ 0.3104	\$ 0.6190	\$ 0.0478	\$ 0.9773	\$ 0.3104	\$ 0.4474	\$ 0.0478	\$ 0.8056
All therms over the first block per month at	\$ 0.3067	\$ 0.5817	\$ 0.0757	\$ 0.9641	\$ 0.3116	\$ 0.3855	\$ 0.0763	\$ 0.7734
Commercial/Industrial - G-42	\$ 167.06			\$ 167.06	\$ 169.09			\$ 169.09
Customer Charge per Month per Meter	\$ 169.09			\$ 169.09	\$ 169.09			\$ 169.09
Size of the first block								
1000 therms								
400 therms	\$ 0.4202	\$ 0.6190	\$ 0.0478	\$ 1.0871	\$ 0.4202	\$ 0.4474	\$ 0.0478	\$ 0.9154
Therms in the first block per month at	\$ 0.4152	\$ 0.5817	\$ 0.0757	\$ 1.0726	\$ 0.4219	\$ 0.3855	\$ 0.0763	\$ 0.8837
	\$ 0.2800	\$ 0.6190	\$ 0.0478	\$ 0.9468	\$ 0.2800	\$ 0.4474	\$ 0.0478	\$ 0.7752
All therms over the first block per month at	\$ 0.2766	\$ 0.5817	\$ 0.0757	\$ 0.9340	\$ 0.2814	\$ 0.3855	\$ 0.0763	\$ 0.7420
Commercial/Industrial - G-43	\$ 716.95			\$ 716.95	\$ 728.47			\$ 728.47
Customer Charge per Month per Meter	\$ 725.66			\$ 725.66	\$ 725.66			\$ 725.66
All therms over the first block per month at	\$ 0.2583	\$ 0.6190	\$ 0.0478	\$ 0.9251	\$ 0.1181	\$ 0.4474	\$ 0.0478	\$ 0.6133
	\$ 0.2552	\$ 0.5817	\$ 0.0757	\$ 0.9126	\$ 0.1185	\$ 0.3855	\$ 0.0763	\$ 0.5803
Commercial/Industrial - G-51	\$ 56.36			\$ 56.36	\$ 56.58			\$ 56.58
Customer Charge per Month per Meter	\$ 56.36			\$ 56.36	\$ 56.36			\$ 56.36
Size of the first block								
100 therms								
Therms in the first block per month at	\$ 0.2785	\$ 0.6258	\$ 0.0478	\$ 0.9522	\$ 0.2785	\$ 0.4591	\$ 0.0478	\$ 0.7854
	\$ 0.2752	\$ 0.5870	\$ 0.0757	\$ 0.9379	\$ 0.2796	\$ 0.4124	\$ 0.0763	\$ 0.7683
All therms over the first block per month at	\$ 0.1811	\$ 0.6258	\$ 0.0478	\$ 0.8547	\$ 0.1811	\$ 0.4591	\$ 0.0478	\$ 0.6880
	\$ 0.1789	\$ 0.5870	\$ 0.0757	\$ 0.8416	\$ 0.1817	\$ 0.4124	\$ 0.0763	\$ 0.6704
Commercial/Industrial - G-52	\$ 167.06			\$ 167.06	\$ 169.75			\$ 169.75
Customer Charge per Month per Meter	\$ 169.09			\$ 169.09	\$ 169.09			\$ 169.09
Size of the first block								
1000 therms								
1000 therms	\$ 0.2392	\$ 0.6258	\$ 0.0478	\$ 0.9128	\$ 0.1733	\$ 0.4591	\$ 0.0478	\$ 0.6802
Therms in the first block per month at	\$ 0.2363	\$ 0.5870	\$ 0.0757	\$ 0.8900	\$ 0.1740	\$ 0.4124	\$ 0.0763	\$ 0.6627
	\$ 0.1593	\$ 0.6258	\$ 0.0478	\$ 0.8329	\$ 0.0985	\$ 0.4591	\$ 0.0478	\$ 0.6054
All therms over the first block per month at	\$ 0.1574	\$ 0.5870	\$ 0.0757	\$ 0.8201	\$ 0.0989	\$ 0.4124	\$ 0.0763	\$ 0.5876
Commercial/Industrial - G-53	\$ 737.84			\$ 737.84	\$ 749.68			\$ 749.68
Customer Charge per Month per Meter	\$ 746.81			\$ 746.81	\$ 746.81			\$ 746.81
All therms over the first block per month at	\$ 0.1672	\$ 0.6258	\$ 0.0478	\$ 0.8408	\$ 0.0802	\$ 0.4591	\$ 0.0478	\$ 0.5871
	\$ 0.1652	\$ 0.5870	\$ 0.0757	\$ 0.8279	\$ 0.0805	\$ 0.4124	\$ 0.0763	\$ 0.5692
Commercial/Industrial - G-54	\$ 737.84			\$ 737.84	\$ 749.68			\$ 749.68
Customer Charge per Month per Meter	\$ 746.81			\$ 746.81	\$ 746.81			\$ 746.81
All therms over the first block per month at	\$ 0.0638	\$ 0.6258	\$ 0.0478	\$ 0.7374	\$ 0.0346	\$ 0.4591	\$ 0.0478	\$ 0.5415
	\$ 0.0630	\$ 0.5870	\$ 0.0757	\$ 0.7257	\$ 0.0347	\$ 0.4124	\$ 0.0763	\$ 0.5234

Issued: ~~October xx, 2018~~ October xx, 2019
Effective: ~~November 1, 2018~~ November 1, 2019

Issued by: _____
Susan L. Fleck
Title: President

Issued in compliance with NHPUC Order No. xx,xxx dated xxxx xx, 2019 in Docket DG 19-xxx.
~~Issued in compliance with NHPUC Order No. 26,188 dated November 01, 2018 in Docket DG 18-137.~~

Rates effective November 1, 2019 - April 30, 2020
Rates effective April 1, 2019 - April 30, 2019

Rates Effective May 1, 2020 - October 31, 2020
Rates Effective September 1, 2018 - October 31, 2018

	Winter Period				Summer Period			
	Delivery Charge	Cost of Gas Rate Page 92	LDAC Charge	Total Rate	Delivery Charge	Cost of Gas Rate Page 89	LDAC Page 97	Total Rate
Residential Non Heating - R-5	\$ 19.53			\$ 19.53	\$ 19.52			\$ 19.52
Customer Charge per Month per Meter	\$ 19.76			\$ 19.76	\$ 19.76			\$ 19.76
All therms	\$ 0.4922	\$ 0.6203	\$ 0.0310	\$ 1.1435	\$ 0.4922	\$ 0.4520	\$ 0.0310	\$ 0.9752
	\$ 0.4863	\$ 0.5825	\$ 0.0660	\$ 1.1348	\$ 0.5119	\$ 0.3916	\$ 0.0945	\$ 0.9980
Residential Heating - R-6	\$ 19.53			\$ 19.53	\$ 19.52			\$ 19.52
Customer Charge per Month per Meter	\$ 19.76			\$ 19.76	\$ 19.76			\$ 19.76
All therms	\$ 0.7240	\$ 0.6203	\$ 0.0310	\$ 1.3752	\$ 0.7240	\$ 0.4520	\$ 0.0310	\$ 1.2069
	\$ 0.7153	\$ 0.5825	\$ 0.0660	\$ 1.3638	\$ 0.7320	\$ 0.3916	\$ 0.0945	\$ 1.2184
Residential Heating - R-7	\$ 7.81			\$ 7.81	\$ 7.81			\$ 7.81
Customer Charge per Month per Meter	\$ 7.90			\$ 7.90	\$ 7.90			\$ 7.90
All therms	\$ 0.2896	\$ 0.6203	\$ 0.0310	\$ 0.9409	\$ 0.2896	\$ 0.4520	\$ 0.0310	\$ 0.7726
	\$ 0.2864	\$ 0.5825	\$ 0.0660	\$ 0.9346	\$ 0.2928	\$ 0.3916	\$ 0.0945	\$ 0.7789
Commercial/Industrial - G-44	\$ 72.38			\$ 72.38	\$ 73.56			\$ 73.56
Customer Charge per Month per Meter	\$ 73.26			\$ 73.26	\$ 73.26			\$ 73.26
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.6008	\$ 0.6190	\$ 0.0478	\$ 1.2676	\$ 0.5463	\$ 0.4474	\$ 0.0478	\$ 1.0415
	\$ 0.5936	\$ 0.5817	\$ 0.0757	\$ 1.2510	\$ 0.6031	\$ 0.3855	\$ 0.0763	\$ 1.0649
All therms over the first block per month a	\$ 0.4036	\$ 0.6190	\$ 0.0478	\$ 1.0704	\$ 0.3639	\$ 0.4474	\$ 0.0478	\$ 0.8591
	\$ 0.3987	\$ 0.5817	\$ 0.0757	\$ 1.0564	\$ 0.4051	\$ 0.3855	\$ 0.0763	\$ 0.8669
Commercial/Industrial - G-45	\$ 217.82			\$ 217.82	\$ 220.68			\$ 220.68
Customer Charge per Month per Meter	\$ 219.82			\$ 219.82	\$ 219.82			\$ 219.82
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$ 0.5463	\$ 0.6190	\$ 0.0478	\$ 1.2131	\$ 0.5463	\$ 0.4474	\$ 0.0478	\$ 1.0415
	\$ 0.5398	\$ 0.5817	\$ 0.0757	\$ 1.1972	\$ 0.5485	\$ 0.3855	\$ 0.0763	\$ 1.0403
All therms over the first block per month a	\$ 0.3639	\$ 0.6190	\$ 0.0478	\$ 1.0308	\$ 0.3639	\$ 0.4474	\$ 0.0478	\$ 0.8591
	\$ 0.3596	\$ 0.5817	\$ 0.0757	\$ 1.0170	\$ 0.3654	\$ 0.3855	\$ 0.0763	\$ 0.8272
Commercial/Industrial - G-46	\$ 932.04			\$ 932.04	\$ 947.01			\$ 947.01
Customer Charge per Month per Meter	\$ 943.36			\$ 943.36	\$ 943.36			\$ 943.36
All therms over the first block per month a	\$ 0.3358	\$ 0.6190	\$ 0.0478	\$ 1.0026	\$ 0.1535	\$ 0.4474	\$ 0.0478	\$ 0.6487
	\$ 0.3318	\$ 0.5817	\$ 0.0757	\$ 0.9892	\$ 0.1540	\$ 0.3855	\$ 0.0763	\$ 0.6158
Commercial/Industrial - G-55	\$ 72.38			\$ 72.38	\$ 73.56			\$ 73.56
Customer Charge per Month per Meter	\$ 73.26			\$ 73.26	\$ 73.26			\$ 73.26
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$ 0.3621	\$ 0.6258	\$ 0.0478	\$ 1.0357	\$ 0.3621	\$ 0.4591	\$ 0.0763	\$ 0.8975
	\$ 0.3578	\$ 0.5870	\$ 0.0757	\$ 1.0205	\$ 0.3635	\$ 0.4124	\$ 0.0763	\$ 0.8522
All therms over the first block per month a	\$ 0.2354	\$ 0.6258	\$ 0.0478	\$ 0.9090	\$ 0.2354	\$ 0.4591	\$ 0.0478	\$ 0.7423
	\$ 0.2326	\$ 0.5870	\$ 0.0757	\$ 0.8953	\$ 0.2363	\$ 0.4124	\$ 0.0763	\$ 0.7250
Commercial/Industrial - G-56	\$ 217.82			\$ 217.82	\$ 220.68			\$ 220.68
Customer Charge per Month per Meter	\$ 219.82			\$ 219.82	\$ 219.82			\$ 219.82
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$ 0.3109	\$ 0.6258	\$ 0.0478	\$ 0.9846	\$ 0.2253	\$ 0.4591	\$ 0.0478	\$ 0.7322
	\$ 0.3072	\$ 0.5870	\$ 0.0757	\$ 0.9699	\$ 0.2262	\$ 0.4124	\$ 0.0763	\$ 0.7149
All therms over the first block per month a	\$ 0.2071	\$ 0.6258	\$ 0.0478	\$ 0.8807	\$ 0.1280	\$ 0.4591	\$ 0.0478	\$ 0.6349
	\$ 0.2046	\$ 0.5870	\$ 0.0757	\$ 0.8673	\$ 0.1286			
Commercial/Industrial - G-57	\$ 959.19			\$ 959.19	\$ 974.59			\$ 974.59
Customer Charge per Month per Meter	\$ 970.84			\$ 970.84	\$ 970.84			\$ 970.84
All therms over the first block per month a	\$ 0.2174	\$ 0.6258	\$ 0.0478	\$ 0.8910	\$ 0.1043	\$ 0.4591	\$ 0.0478	\$ 0.6112
	\$ 0.2148	\$ 0.5870	\$ 0.0757	\$ 0.8775	\$ 0.1047	\$ 0.4124	\$ 0.0763	\$ 0.5934
Commercial/Industrial - G-58	\$ 959.19			\$ 959.19	\$ 974.59			\$ 974.59
Customer Charge per Month per Meter	\$ 970.84			\$ 970.84	\$ 970.84			\$ 970.84
All therms over the first block per month a	\$ 0.0829	\$ 0.6258	\$ 0.0478	\$ 0.7565	\$ 0.0450	\$ 0.4591	\$ 0.0478	\$ 0.5519
	\$ 0.0819	\$ 0.5870	\$ 0.0757	\$ 0.7446	\$ 0.0451	\$ 0.4124	\$ 0.0763	\$ 0.5338

Issued: ~~October xx, 2018~~

October xx, 2019

Issued by:

Susan L. Fleck
President

Effective: ~~November 1, 2018~~

November 1, 2019

Title:

Issued in compliance with NHPUC Order No. xx,xxx dated xxxx xx, 2019 in Docket DG 19-xxx.
~~Issued in compliance with NHPUC Order No. 26,188 dated November 01, 2018 in Docket DG 18-137~~

Liberty Utilities (EnergyNorth Natural Gas) Corp.

1
 2 Off Peak 2020 Summer Cost of Gas Filing
 3 Annual Bill Comparisons, May 19 - Oct 19 vs May 20 - Oct 20 - Residential Heating Rate R-3
 4
 5

6 November 1, 2019 - April 30, 2020
 7 Residential Heating (R3)

	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	Winter Nov-Apr
8 Typical Usage (Therms)	62	110	123	148	132	92	666
9							
10	7/1/2019						
11							
12 Winter:							
13 Cust. Chg	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 91.20
14 Headblock	\$ 0.5569	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15 Tailblock	\$ 34.35	\$ 61.12	\$ 68.38	\$ 82.21	\$ 73.78	\$ 51.15	\$ 370.99
16 HB Threshold	-	-	-	-	-	-	-
17							
18 Summer:							
19 Cust. Chg	\$ 15.20	-	-	-	-	-	-
20 Headblock	\$ 0.5569	-	-	-	-	-	-
21 Tailblock	\$ 0.5569	-	-	-	-	-	-
22 HB Threshold	-	-	-	-	-	-	-
23							
24 Total Base Rate Amount	\$ 49.55	\$ 76.32	\$ 83.58	\$ 97.41	\$ 88.98	\$ 66.35	\$ 462.19
25							
26 COG Rate - (Seasonal)	\$ 0.6203	\$ 0.6203	\$ 0.6203	\$ 0.6203	\$ 0.6203	\$ 0.6203	\$ 0.6203
27 COG amount	\$ 38.26	\$ 68.07	\$ 76.17	\$ 91.57	\$ 82.17	\$ 56.98	\$ 413.23
28							
29 LDAC	\$ 0.0310	\$ 0.0310	\$ 0.0310	\$ 0.0310	\$ 0.0310	\$ 0.0310	\$ 0.0310
30 LDAC amount	\$ 1.91	\$ 3.40	\$ 3.80	\$ 4.57	\$ 4.10	\$ 2.84	\$ 20.63
31							
32 Total Bill	\$ 89.73	\$ 147.79	\$ 163.55	\$ 193.55	\$ 175.25	\$ 126.18	\$ 896.05
33							

34 November 1, 2018 - April 30, 2019
 35 Residential Heating (R3)

	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	Winter Nov-Apr
36 Typical Usage (Therms)	62	110	123	148	132	92	666
37							
38							
39							
40 Winter:							
41 Cust. Chg	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 90.12
42 Headblock	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
43 Tailblock	\$ 33.94	\$ 60.38	\$ 67.56	\$ 81.22	\$ 72.89	\$ 50.54	\$ 366.53
44 HB Threshold	-	-	-	-	-	-	-
45							
46 Summer:							
47 Cust. Chg	-	-	-	-	-	-	-
48 Headblock	-	-	-	-	-	-	-
49 Tailblock	-	-	-	-	-	-	-
50 HB Threshold	-	-	-	-	-	-	-
51							
52 Total Base Rate Amount	\$ 48.96	\$ 75.40	\$ 82.58	\$ 96.24	\$ 87.91	\$ 65.56	\$ 456.65
53							
54 COG Rate - (Seasonal)	\$ 0.7411	\$ 0.7504	\$ 0.7504	\$ 0.8056	\$ 0.8056	\$ 0.8056	\$ 0.7804
55 COG amount	\$ 45.72	\$ 82.35	\$ 92.14	\$ 118.92	\$ 106.72	\$ 74.00	\$ 519.85
56							
57 LDAC	\$ 0.0660	\$ 0.0660	\$ 0.0660	\$ 0.0660	\$ 0.0660	\$ 0.0660	\$ 0.0660
58 LDAC amount	\$ 4.07	\$ 7.24	\$ 8.10	\$ 9.74	\$ 8.74	\$ 6.06	\$ 43.97
59							
60 Total Bill	\$ 98.75	\$ 165.00	\$ 182.82	\$ 224.90	\$ 203.37	\$ 145.62	\$ 1,020.47
61							

62 DIFFERENCE:							
63 Total Bill	\$ (9.02)	\$ (17.21)	\$ (19.27)	\$ (31.36)	\$ (28.12)	\$ (19.44)	\$ (124.42)
64 % Change	-9.13%	-10.43%	-10.54%	-13.94%	-13.83%	-13.35%	-12.19%
65							
66 Base Rate	\$ 0.59	\$ 0.92	\$ 1.00	\$ 1.17	\$ 1.07	\$ 0.80	\$ 5.54
67 % Change	1.21%	1.21%	1.21%	1.21%	1.21%	1.21%	1.21%
68							
69 COG & LDAC	\$ (9.61)	\$ (18.12)	\$ (20.28)	\$ (32.52)	\$ (29.19)	\$ (20.24)	\$ (129.96)
70 % Change	-19.31%	-20.23%	-20.23%	-25.28%	-25.28%	-25.28%	-23.05%
check	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

May 1, 2020 - October 31, 2020

	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Summer May-Oct	Total Nov-Oct
	51	28	16	14	14	21	142	809
\$	15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 91.20	\$ 182.40
\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$	28.31	\$ 15.51	\$ 8.85	\$ 7.56	\$ 7.65	\$ 11.47	\$ 79.35	\$ 450.34
\$	43.51	\$ 30.71	\$ 24.05	\$ 22.76	\$ 22.85	\$ 26.67	\$ 170.55	\$ 632.74
\$	0.4520	\$ 0.4520	\$ 0.4520	\$ 0.4520	\$ 0.4520	\$ 0.4520	\$ 0.4520	\$ 0.5906
\$	22.97	\$ 12.59	\$ 7.18	\$ 6.14	\$ 6.21	\$ 9.31	\$ 64.41	\$ 477.63
\$	0.0310	\$ 0.0310	\$ 0.0310	\$ 0.0310	\$ 0.0310	\$ 0.0310	\$ 0.0310	\$ 0.0310
\$	1.57	\$ 0.86	\$ 0.49	\$ 0.42	\$ 0.43	\$ 0.64	\$ 4.41	\$ 25.04
\$	68.06	\$ 44.15	\$ 31.73	\$ 29.32	\$ 29.49	\$ 36.62	\$ 239.37	\$ 1,135.42

May 1, 2019 - October 31, 2019

	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Summer May-Oct	Total Nov-Oct
	51	28	16	14	14	21	142	809
\$	15.02	\$ 15.02	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 90.84	\$ 180.96
\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$	27.97	\$ 15.32	\$ 8.85	\$ 7.56	\$ 7.65	\$ 11.47	\$ 78.83	\$ 445.35
\$	42.99	\$ 30.34	\$ 24.05	\$ 22.76	\$ 22.85	\$ 26.67	\$ 169.67	\$ 626.31
\$	0.4445	\$ 0.4445	\$ 0.5556	\$ 0.5556	\$ 0.5556	\$ 0.5556	\$ 0.4943	\$ 0.7299
\$	22.59	\$ 12.38	\$ 8.83	\$ 7.54	\$ 7.64	\$ 11.45	\$ 70.43	\$ 590.28
\$	0.0945	\$ 0.0945	\$ 0.0945	\$ 0.0945	\$ 0.0945	\$ 0.0945	\$ 0.0945	\$ 0.0710
\$	4.80	\$ 2.63	\$ 1.50	\$ 1.28	\$ 1.30	\$ 1.95	\$ 13.47	\$ 57.43
\$	70.38	\$ 45.35	\$ 34.38	\$ 31.59	\$ 31.79	\$ 40.07	\$ 253.56	\$ 1,274.03

\$	(2.33)	\$ (1.19)	\$ (2.66)	\$ (2.27)	\$ (2.30)	\$ (3.44)	\$ (14.19)	\$ (138.61)
\$	-3.31%	\$ -2.63%	\$ -7.73%	\$ -7.18%	\$ -7.23%	\$ -8.59%	\$ -5.60%	\$ -10.88%
\$	0.52	\$ 0.37	\$ -	\$ -	\$ -	\$ -	\$ 0.89	\$ 6.43
\$	1.21%	\$ 1.21%	\$ 0.00%	\$ 0.00%	\$ 0.00%	\$ 0.00%	\$ 0.52%	\$ 1.03%
\$	(2.85)	\$ (1.56)	\$ (2.66)	\$ (2.27)	\$ (2.30)	\$ (3.44)	\$ (15.07)	\$ (145.04)
\$	-10.40%	\$ -10.40%	\$ -25.71%	\$ -25.71%	\$ -25.71%	\$ -25.71%	\$ -17.97%	\$ -22.39%
\$	-	\$ 0.00	\$ -	\$ -	\$ -	\$ 0.00	\$ 0.00	\$ -

Liberty Utilities (EnergyNorth Natural Gas) Corp.

1
 2 Off Peak 2020 Summer Cost of Gas Filing
 3 Annual Bill Comparisons, May 19 - Oct 19 vs May 20 - Oct 20 - Commercial Rate G-41
 4
 5
 6 November 1, 2019 - April 30, 2020
 7 Commercial Rate (G-41)

Revised Schedule R
 Page 2 of 5

	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	Winter Nov-Apr
10 Typical Usage (Therms)	89	277	504	457	331	297	1,954
11							
12 Winter:							
13 Cust. Chg	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 338.16
14 Headblock	\$ 0.4621	\$ 46.21	\$ 46.21	\$ 46.21	\$ 46.21	\$ 46.21	\$ 272.04
15 Tailblock	\$ 0.3104	\$ -	\$ 54.98	\$ 125.36	\$ 110.70	\$ 71.65	\$ 61.09
16 HB Threshold	100						
17							
18 Summer:							
19 Cust. Chg	\$ 56.36						
20 Headblock	\$ 0.4621						
21 Tailblock	\$ 0.3104						
22 HB Threshold	20						
23							
24 Total Base Rate Amount	\$ 97.35	\$ 157.55	\$ 227.93	\$ 213.27	\$ 174.22	\$ 163.66	\$ 1,033.97
25							
26 COG Rate - (Seasonal)	\$ 0.6190	\$ 0.6190	\$ 0.6190	\$ 0.6190	\$ 0.6190	\$ 0.6190	\$ 0.6190
27 COG amount	\$ 54.91	\$ 171.54	\$ 311.89	\$ 282.65	\$ 204.78	\$ 183.73	\$ 1,209.50
28							
29 LDAC	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478
30 LDAC amount	\$ 4.24	\$ 13.26	\$ 24.10	\$ 21.84	\$ 15.82	\$ 14.20	\$ 93.46
31							
32 Total Bill	\$ 156.50	\$ 342.35	\$ 563.91	\$ 517.75	\$ 394.83	\$ 361.59	\$ 2,336.93

34 November 1, 2018 - April 30, 2019
 35 Commercial Rate (G-41)

	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	Winter Nov-Apr
36							
37 Typical Usage (Therms)	89	277	504	457	331	297	1,954
38							
39							
40 Winter:							
41 Cust. Chg	\$ 55.68	\$ 55.68	\$ 55.68	\$ 55.68	\$ 55.68	\$ 55.68	\$ 334.08
42 Headblock	\$ 40.50	\$ 45.66	\$ 45.66	\$ 45.66	\$ 45.66	\$ 45.66	\$ 268.80
43 Tailblock	\$ -	\$ 54.33	\$ 123.86	\$ 109.38	\$ 70.80	\$ 60.37	\$ 418.72
44 HB Threshold							
45							
46 Summer:							
47 Cust. Chg							
48 Headblock							
49 Tailblock							
50 HB Threshold							
51							
52 Total Base Rate Amount	\$ 96.18	\$ 155.67	\$ 225.20	\$ 210.72	\$ 172.14	\$ 161.71	\$ 1,021.60
53							
54 COG Rate - (Seasonal)	\$ 0.7403	\$ 0.7403	\$ 0.7496	\$ 0.6707	\$ 0.5204	\$ 0.5817	\$ 0.6651
55 COG amount	\$ 65.67	\$ 205.16	\$ 377.69	\$ 306.26	\$ 172.16	\$ 172.66	\$ 1,299.59
56							
57 LDAC	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757
58 LDAC amount	\$ 6.71	\$ 20.98	\$ 38.14	\$ 34.57	\$ 25.04	\$ 22.47	\$ 147.91
59							
60 Total Bill	\$ 168.56	\$ 381.80	\$ 641.04	\$ 551.54	\$ 369.34	\$ 356.84	\$ 2,469.11

61

62 DIFFERENCE:							
63 Total Bill	\$ (12.06)	\$ (39.45)	\$ (77.12)	\$ (33.78)	\$ 25.48	\$ 4.76	\$ (132.18)
64 % Change	-7.16%	-10.33%	-12.03%	-6.13%	6.90%	1.33%	-5.35%
65							
66 Base Rate	\$ 1.17	\$ 1.89	\$ 2.72	\$ 2.55	\$ 2.08	\$ 1.96	\$ 12.37
67 % Change	1.21%	1.21%	1.21%	1.21%	1.21%	1.21%	1.21%
68							
69 COG & LDAC	\$ (13.23)	\$ (41.34)	\$ (79.85)	\$ (36.33)	\$ 23.40	\$ 2.80	\$ (144.55)
70 % Change	-18.28%	-18.28%	-19.20%	-10.66%	11.87%	1.43%	-9.99%
check	\$ -	\$ -	\$ -	\$ -	\$ (0.00)	\$ (0.00)	\$ (0.00)

May 1, 2020 - October 31, 2020

	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Summer May-Oct	Total Nov-Oct
	153	39	26	34	25	29	306	2,260
\$	56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 338.16	\$ 676.32
\$	9.24	\$ 9.24	\$ 9.24	\$ 9.24	\$ 9.24	\$ 9.24	\$ 55.45	\$ 327.49
\$	41.20	\$ 5.81	\$ 1.95	\$ 4.21	\$ 1.57	\$ 2.86	\$ 57.61	\$ 481.38
\$	106.81	\$ 71.42	\$ 67.55	\$ 69.81	\$ 67.17	\$ 68.46	\$ 451.22	\$ 1,485.19
\$	0.4474	\$ 0.4474	\$ 0.4474	\$ 0.4474	\$ 0.4474	\$ 0.4474	\$ 0.4474	\$ 0.5958
\$	68.34	\$ 17.33	\$ 11.76	\$ 15.02	\$ 11.21	\$ 13.07	\$ 136.72	\$ 1,346.22
\$	0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478
\$	7.31	\$ 1.85	\$ 1.26	\$ 1.61	\$ 1.20	\$ 1.40	\$ 14.62	\$ 108.07
\$	182.45	\$ 90.59	\$ 80.56	\$ 86.44	\$ 79.59	\$ 82.93	\$ 602.56	\$ 2,939.49

May 1, 2019 - October 31, 2019

	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Summer May-Oct	Total Nov-Oct
	153	39	26	34	25	29	306	2,260
\$	55.68	\$ 55.68	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 336.80	\$ 670.88
\$	9.13	\$ 9.13	\$ 9.24	\$ 9.24	\$ 9.24	\$ 9.24	\$ 55.23	\$ 324.03
\$	40.71	\$ 5.74	\$ 1.95	\$ 4.21	\$ 1.57	\$ 2.86	\$ 57.05	\$ 475.77
\$	105.52	\$ 70.56	\$ 67.55	\$ 69.81	\$ 67.17	\$ 68.46	\$ 449.08	\$ 1,470.68
\$	0.4417	\$ 0.4417	\$ 0.5517	\$ 0.5517	\$ 0.5517	\$ 0.5517	\$ 0.4828	\$ 0.6404
\$	67.47	\$ 17.11	\$ 14.50	\$ 18.52	\$ 13.83	\$ 16.12	\$ 147.53	\$ 1,447.13
\$	0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757
\$	11.56	\$ 2.93	\$ 1.99	\$ 2.54	\$ 1.90	\$ 2.21	\$ 23.13	\$ 171.05
\$	184.55	\$ 90.59	\$ 84.03	\$ 90.87	\$ 82.90	\$ 86.79	\$ 619.74	\$ 3,088.86

\$	(2.11)	\$ 0.00	\$ (3.47)	\$ (4.44)	\$ (3.31)	\$ (3.86)	\$ (17.19)	\$ (149.37)
\$	-1.14%	\$ 0.00%	\$ -4.13%	\$ -4.88%	\$ -4.00%	\$ -4.45%	\$ -2.77%	\$ -4.84%
\$	1.28	\$ 0.86	\$ -	\$ -	\$ -	\$ -	\$ 2.14	\$ 14.51
\$	1.21%	\$ 1.22%	\$ 0.00%	\$ 0.00%	\$ 0.00%	\$ 0.00%	\$ 0.48%	\$ 0.99%
\$	(3.39)	\$ (0.86)	\$ (3.47)	\$ (4.44)	\$ (3.31)	\$ (3.86)	\$ (19.33)	\$ (163.88)
\$	-4.28%	\$ -4.28%	\$ -21.07%	\$ -21.07%	\$ -21.07%	\$ -21.07%	\$ -11.33%	\$ -10.13%
\$	0.00	\$ (0.00)	\$ 0.00	\$ -	\$ (0.00)	\$ 0.00	\$ (0.00)	\$ (0.00)

Liberty Utilities (EnergyNorth Natural Gas) Corp.

1
 2 Off Peak 2020 Summer Cost of Gas Filing
 4 Annual Bill Comparisons, May 19 - Oct 19 vs May 20 - Oct 20 - Commercial Rate G-42

7 November 1, 2019 - April 30, 2020
 8 C&I High Winter Use Medium G-42

	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	Winter Nov-Apr
10 Typical Usage (Therms)	830	2,189	3,708	3,406	2,603	2,395	15,130
12 7/1/2019							
13 Winter:							
14 Cust. Chg	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 1,014.54
15 Headblock	\$ 0.4202	\$ 0.4202	\$ 0.4202	\$ 0.4202	\$ 0.4202	\$ 0.4202	\$ 2,449.79
16 Tailblock	\$ 0.2800	\$ 0.2800	\$ 0.2800	\$ 0.2800	\$ 0.2800	\$ 0.2800	\$ 2,603.90
17 HB Threshold	1,000						
18							
19 Summer:							
20 Cust. Chg	\$ 169.09						
21 Headblock	\$ 0.4202						
22 Tailblock	\$ 0.2800						
23 HB Threshold	400						
24							
25 Total Base Rate Amount	\$ 517.88	\$ 922.11	\$ 1,347.39	\$ 1,262.91	\$ 1,038.08	\$ 979.86	\$ 6,068.23
26							
27 COG Rate - (Seasonal)	\$ 0.6190	\$ 0.6190	\$ 0.6190	\$ 0.6190	\$ 0.6190	\$ 0.6190	\$ 0.6190
28 COG amount	\$ 513.81	\$ 1,354.77	\$ 2,294.95	\$ 2,108.18	\$ 1,611.14	\$ 1,482.44	\$ 9,365.28
29							
30 LDAC	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478
31 LDAC amount	\$ 39.70	\$ 104.68	\$ 177.33	\$ 162.90	\$ 124.49	\$ 114.55	\$ 723.66
32							
33 Total Bill	\$ 1,071.39	\$ 2,381.56	\$ 3,819.67	\$ 3,533.99	\$ 2,773.71	\$ 2,576.85	\$ 16,157.17

35 November 1, 2018 - April 30, 2019
 36 C&I High Winter Use Medium G-42

	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	Winter Nov-Apr
38 Typical Usage (Therms)	830	2,189	3,708	3,406	2,603	2,395	15,130
40							
41 Winter:							
42 Cust. Chg	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 1,002.36
43 Headblock	\$ 0.4202	\$ 0.4202	\$ 0.4202	\$ 0.4202	\$ 0.4202	\$ 0.4202	\$ 2,420.64
44 Tailblock	\$ 0.2800	\$ 0.2800	\$ 0.2800	\$ 0.2800	\$ 0.2800	\$ 0.2800	\$ 2,572.28
45 HB Threshold	1,000						
46							
47 Summer:							
48 Cust. Chg	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 1,010.48
49 Headblock	\$ 0.4202	\$ 0.4202	\$ 0.4202	\$ 0.4202	\$ 0.4202	\$ 0.4202	\$ 2,012.84
50 Tailblock	\$ 0.2800	\$ 0.2800	\$ 0.2800	\$ 0.2800	\$ 0.2800	\$ 0.2800	\$ 2,231.89
51 HB Threshold	400						\$ 277.46
52							
53 Total Base Rate Amount	\$ 511.70	\$ 911.04	\$ 1,331.16	\$ 1,247.70	\$ 1,025.60	\$ 968.09	\$ 5,995.28
54							
55 COG Rate - (Seasonal)	\$ 0.7403	\$ 0.7403	\$ 0.7496	\$ 0.6707	\$ 0.5204	\$ 0.5817	\$ 0.6640
56 COG amount	\$ 614.49	\$ 1,620.25	\$ 2,779.15	\$ 2,284.26	\$ 1,354.50	\$ 1,393.11	\$ 10,045.76
57							
58 LDAC	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757
59 LDAC amount	\$ 62.84	\$ 165.68	\$ 280.66	\$ 257.82	\$ 197.03	\$ 181.29	\$ 1,145.32
60							
61 Total Bill	\$ 1,189.03	\$ 2,696.97	\$ 4,390.97	\$ 3,789.78	\$ 2,577.13	\$ 2,542.49	\$ 17,186.36

63 DIFFERENCE:

64 Total Bill	\$ (117.64)	\$ (315.41)	\$ (571.29)	\$ (255.79)	\$ 196.58	\$ 34.36	\$ (1,029.19)
65 % Change	-9.89%	-11.69%	-13.01%	-6.75%	7.63%	1.35%	-5.99%
66							
67 Base Rate	\$ 6.18	\$ 11.07	\$ 16.24	\$ 15.21	\$ 12.48	\$ 11.77	\$ 72.95
68 % Change	1.21%	1.22%	1.22%	1.22%	1.22%	1.22%	1.22%
69							
70 COG & LDAC	\$ (123.82)	\$ (326.48)	\$ (587.53)	\$ (271.00)	\$ 184.10	\$ 22.58	\$ (1,102.14)
71 % Change	-18.28%	-18.28%	-19.20%	-10.66%	11.87%	1.43%	-9.85%
check	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

May 1, 2020 - October 31, 2020

	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Summer May-Oct	Total Nov-Oct
	1,319	484	285	247	269	340	2,943	18,073
\$	169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 1,014.54	\$ 2,029.08
\$	168.08	\$ 168.08	\$ 119.59	\$ 103.61	\$ 112.86	\$ 143.03	\$ 815.24	\$ 3,265.04
\$	257.32	\$ 23.55	\$ -	\$ -	\$ -	\$ -	\$ 280.87	\$ 2,884.77
\$	594.49	\$ 360.72	\$ 288.68	\$ 272.70	\$ 281.95	\$ 312.12	\$ 2,110.65	\$ 8,178.88
\$	0.4474	\$ 0.4474	\$ 0.4474	\$ 0.4474	\$ 0.4474	\$ 0.4474	\$ 0.4474	\$ 0.5911
\$	590.12	\$ 216.58	\$ 127.33	\$ 110.32	\$ 120.16	\$ 152.29	\$ 1,316.80	\$ 10,682.09
\$	0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478
\$	63.09	\$ 23.15	\$ 13.61	\$ 11.79	\$ 12.85	\$ 16.28	\$ 140.78	\$ 864.43
\$	1,247.71	\$ 600.45	\$ 429.61	\$ 394.82	\$ 414.95	\$ 480.69	\$ 3,568.23	\$ 19,725.40

May 1, 2019 - October 31, 2019

	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Summer May-Oct	Total Nov-Oct
	1,319	484	285	247	269	340	2,943	18,073
\$	167.06	\$ 167.06	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 1,010.48	\$ 2,012.84
\$	166.08	\$ 166.08	\$ 119.59	\$ 103.61	\$ 112.86	\$ 143.03	\$ 811.24	\$ 3,231.89
\$	254.20	\$ 23.26	\$ -	\$ -	\$ -	\$ -	\$ 277.46	\$ 2,849.74
\$	587.34	\$ 356.40	\$ 288.68	\$ 272.70	\$ 281.95	\$ 312.12	\$ 2,099.18	\$ 8,094.46
\$	0.4417	\$ 0.4417	\$ 0.5517	\$ 0.5517	\$ 0.5517	\$ 0.5517	\$ 0.4843	\$ 0.6347
\$	582.61	\$ 213.82	\$ 157.01	\$ 136.04	\$ 148.17	\$ 187.79	\$ 1,425.44	\$ 11,471.21
\$	0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757
\$	99.85	\$ 36.65	\$ 21.54	\$ 18.67	\$ 20.33	\$ 25.77	\$ 222.80	\$ 1,368.12
\$	1,269.79	\$ 606.87	\$ 467.23	\$ 427.41	\$ 450.45	\$ 525.68	\$ 3,747.43	\$ 20,933.79

\$	(22.09)	\$ (6.42)	\$ (37.61)	\$ (32.59)	\$ (35.50)	\$ (44.99)	\$ (179.19)	\$ (1,208.39)
\$	-1.74%	-1.06%	-8.05%	-7.63%	-7.88%	-8.56%	-4.78%	-5.77%
\$	7.15	\$ 4.32	\$ -	\$ -	\$ -	\$ -	\$ 11.47	\$ 84.42
\$	1.22%	1.21%	0.00%	0.00%	0.00%	0.00%	0.55%	1.04%
\$	(29.24)	\$ (10.73)	\$ (37.61)	\$ (32.59)	\$ (35.50)	\$ (44.99)	\$ (190.67)	\$ (1,292.81)
\$	-4.28%	-4.28%	-21.07%	-21.07%	-21.07%	-21.07%	-11.57%	-10.07%
\$	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Liberty Utilities (EnergyNorth Natural Gas) Corp.

1
 2 Off Peak 2020 Summer Cost of Gas Filing
 4 Annual Bill Comparisons, May 19 - Oct 19 vs May 20 - Oct 20 - Commercial Rate G-52
 5
 6
 7 November 1, 2019 - April 30, 2020
 8 Commercial Rate (G-52)

Revised Schedule 8
 Page 4 of 5

	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	Winter Nov-Apr
10 Typical Usage (Therms)	1,352	1,866	2,284	2,160	1,886	1,760	11,306
12 Winter:	7/1/2019						
14 Cust. Chg	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 1,014.54
15 Headblock	\$ 239.20	\$ 239.20	\$ 239.20	\$ 239.20	\$ 239.20	\$ 239.20	\$ 1,435.20
16 Tailblock	\$ 56.03	\$ 137.94	\$ 204.48	\$ 184.73	\$ 141.07	\$ 121.08	\$ 845.32
17 HB Threshold	1,000						
18							
19 Summer:							
20 Cust. Chg	\$ 169.09						
21 Headblock	\$ 0.1733						
22 Tailblock	\$ 0.0985						
23 HB Threshold	1,000						
24							
25 Total Base Rate Amount	\$ 464.32	\$ 546.23	\$ 612.77	\$ 593.02	\$ 549.36	\$ 529.37	\$ 3,295.06
26							
27 COG Rate - (Seasonal)	\$ 0.6258	\$ 0.6258	\$ 0.6258	\$ 0.6258	\$ 0.6258	\$ 0.6258	\$ 0.6258
28 COG amount	\$ 845.92	\$ 1,167.69	\$ 1,429.07	\$ 1,351.49	\$ 1,179.97	\$ 1,101.44	\$ 7,075.59
29							
30 LDAC	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478
31 LDAC amount	\$ 64.65	\$ 89.25	\$ 109.22	\$ 103.30	\$ 90.19	\$ 84.18	\$ 540.79
32							
33 Total Bill	\$ 1,374.90	\$ 1,803.17	\$ 2,151.06	\$ 2,047.81	\$ 1,819.51	\$ 1,715.00	\$ 10,911.44
34							

35 November 1, 2018 - April 30, 2019
 36 Commercial Rate (G-52)

	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	Winter Nov-Apr
38 Typical Usage (Therms)	1,352	1,866	2,284	2,160	1,886	1,760	11,306
40							
41 Winter:							
42 Cust. Chg	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 1,002.36
43 Headblock	\$ 236.30	\$ 236.30	\$ 236.30	\$ 236.30	\$ 236.30	\$ 236.30	\$ 1,417.80
44 Tailblock	\$ 55.36	\$ 136.29	\$ 202.04	\$ 182.52	\$ 139.38	\$ 119.63	\$ 835.24
45 HB Threshold							
46							
47 Summer:							
48 Cust. Chg							
49 Headblock							
50 Tailblock							
51 HB Threshold							
52							
53 Total Base Rate Amount	\$ 458.72	\$ 539.65	\$ 605.40	\$ 585.88	\$ 542.74	\$ 522.99	\$ 3,255.40
54							
55 COG Rate - (Seasonal)	\$ 0.7456	\$ 0.7456	\$ 0.7549	\$ 0.6760	\$ 0.5257	\$ 0.5870	\$ 0.6728
56 COG amount	\$ 1,007.86	\$ 1,391.23	\$ 1,723.88	\$ 1,459.91	\$ 991.23	\$ 1,033.15	\$ 7,607.26
57							
58 LDAC	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757
59 LDAC amount	\$ 102.33	\$ 141.25	\$ 172.87	\$ 163.48	\$ 142.74	\$ 133.24	\$ 855.90
60							
61 Total Bill	\$ 1,568.91	\$ 2,072.13	\$ 2,502.15	\$ 2,209.27	\$ 1,676.71	\$ 1,689.38	\$ 11,718.56
62							

63 DIFFERENCE:

64 Total Bill	\$ (194.01)	\$ (268.96)	\$ (351.09)	\$ (161.47)	\$ 142.81	\$ 25.61	\$ (807.11)
65 % Change	-12.37%	-12.98%	-14.03%	-7.31%	8.52%	1.52%	-6.89%
66							
67 Base Rate	\$ 5.60	\$ 6.58	\$ 7.37	\$ 7.13	\$ 6.61	\$ 6.37	\$ 39.66
68 % Change	1.22%	1.22%	1.22%	1.22%	1.22%	1.22%	1.22%
69							
70 COG & LDAC	\$ (199.61)	\$ (275.54)	\$ (358.45)	\$ (168.60)	\$ 136.19	\$ 19.24	\$ (846.78)
71 % Change	-17.98%	-17.98%	-18.90%	-10.39%	12.01%	1.65%	-10.01%
check	\$ -	\$ -	\$ -	\$ 0.00	\$ -	\$ (0.00)	\$ (0.00)

May 1, 2020 - October 31, 2020

	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Summer May-Oct	Total Nov-Oct
	1,497	1,128	1,032	1,025	1,050	897	6,628	17,935
\$	169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 1,014.54	\$ 2,029.08
\$	173.30	\$ 173.30	\$ 173.30	\$ 173.30	\$ 173.30	\$ 155.41	\$ 1,021.91	\$ 2,457.11
\$	48.96	\$ 12.58	\$ 3.15	\$ 2.47	\$ 4.90	\$ -	\$ 72.06	\$ 917.38
\$	391.35	\$ 354.97	\$ 345.54	\$ 344.86	\$ 347.29	\$ 324.50	\$ 2,108.51	\$ 5,403.57
\$	0.4591	\$ 0.4591	\$ 0.4591	\$ 0.4591	\$ 0.4591	\$ 0.4591	\$ 0.4591	\$ 0.5642
\$	687.28	\$ 517.74	\$ 473.77	\$ 470.60	\$ 481.96	\$ 411.71	\$ 3,043.06	\$ 10,118.66
\$	0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478
\$	71.60	\$ 53.94	\$ 49.36	\$ 49.03	\$ 50.21	\$ 42.89	\$ 317.03	\$ 857.83
\$	1,150.22	\$ 926.66	\$ 868.66	\$ 864.48	\$ 879.47	\$ 779.11	\$ 5,468.61	\$ 16,380.05

May 1, 2019 - October 31, 2019

	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Summer May-Oct	Total Nov-Oct
	1,497	1,128	1,032	1,025	1,050	897	6,628	17,935
\$	167.06	\$ 167.06	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 1,010.48	\$ 2,012.84
\$	171.20	\$ 171.20	\$ 173.30	\$ 173.30	\$ 173.30	\$ 155.41	\$ 1,017.71	\$ 2,435.51
\$	48.96	\$ 12.58	\$ 3.15	\$ 2.47	\$ 4.90	\$ -	\$ 72.06	\$ 907.30
\$	387.22	\$ 350.84	\$ 345.54	\$ 344.86	\$ 347.29	\$ 324.50	\$ 2,100.25	\$ 5,355.65
\$	0.4506	\$ 0.4506	\$ 0.5633	\$ 0.5633	\$ 0.5633	\$ 0.5633	\$ 0.5187	\$ 0.6159
\$	674.55	\$ 508.16	\$ 581.30	\$ 577.41	\$ 591.35	\$ 505.16	\$ 3,437.93	\$ 11,045.19
\$	0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757
\$	113.32	\$ 85.37	\$ 78.12	\$ 77.60	\$ 79.47	\$ 67.89	\$ 501.76	\$ 1,357.66
\$	1,175.09	\$ 944.37	\$ 1,004.95	\$ 999.86	\$ 1,018.11	\$ 897.55	\$ 6,039.94	\$ 17,758.50

\$	(24.87)	\$ (17.71)	\$ (136.29)	\$ (135.38)	\$ (138.65)	\$ (118.44)	\$ (571.33)	\$ (1,378.45)
\$	-2.12%	\$ -1.88%	\$ -13.56%	\$ -13.54%	\$ -13.62%	\$ -13.20%	\$ -9.46%	\$ -7.76%
\$	4.13	\$ 4.13	\$ -	\$ -	\$ -	\$ -	\$ 8.26	\$ 47.92
\$	1.07%	\$ 1.18%	\$ 0.00%	\$ 0.00%	\$ 0.00%	\$ 0.00%	\$ 0.39%	\$ 0.89%
\$	(29.00)	\$ (21.84)	\$ (136.29)	\$ (135.38)	\$ (138.65)	\$ (118.44)	\$ (579.59)	\$ (1,426.37)
\$	-3.68%	\$ -3.68%	\$ -20.67%	\$ -20.67%	\$ -20.67%	\$ -20.67%	\$ -14.71%	\$ -11.50%
\$	(0.00)	\$ (0.00)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (0.00)

Liberty Utilities (EnergyNorth Natural Gas) Corp.

2 Off Peak 2020 Summer Cost of Gas Filing

3 Residential Heating

	Summer 2019	Summer 2020
4 Customer Charge	\$ 15.20	\$ 15.20
6 First 20 Therms	\$ 0.5569	\$ 0.5569
7 Excess 20 Therms	\$ 0.5569	\$ 0.5569
8 LDAC	\$ 0.0945	\$ 0.0310
9 COG	\$ 0.4943	\$ 0.4520
10 Total Adjust	\$ 0.5888	\$ 0.4830

	Summer 2019 COG @	Summer 2020 Cog @
15	\$ 0.5888	\$ 0.4830
16		
17		
18 Cooking alone	5 \$ 2.94	\$ 20.40
19		
20	10 \$ 5.89	\$ 25.60
21		
22	20 \$ 11.78	\$ 36.00
23		
24 Water Heating alone	30 \$ 17.66	\$ 46.40
25		
26	45 \$ 26.49	\$ 61.99
27		
28	50 \$ 29.44	\$ 67.19
29		
30 Heating Alone	80 \$ 44.16	\$ 93.19
31		
32	125 \$ 78.31	\$ 153.50
33		
34	150 \$ 88.31	\$ 171.18
35		
36	200 \$ 117.75	\$ 223.17
37		

Total	Base Rate		COG		LDAC		
\$ Impact	% Impact	\$ Impact	% Impact	\$ Impact	% Impact	\$ Impact	% Impact
\$ (0.11)	-18%						
\$ 17.46	593%	\$ 17.98	611%	\$ (0.21)	-1%	\$ (0.32)	-11%
\$ 19.71	335%	\$ 20.77	353%	\$ (0.42)	-2%	\$ (0.64)	-11%
\$ 24.22	206%	\$ 26.34	224%	\$ (0.85)	-2%	\$ (1.27)	-11%
\$ 28.73	163%	\$ 31.91	181%	\$ (1.27)	-3%	\$ (1.91)	-11%
\$ 35.50	134%	\$ 40.26	152%	\$ (1.90)	-3%	\$ (2.86)	-11%
\$ 37.76	128%	\$ 43.05	146%	\$ (2.11)	-3%	\$ (3.18)	-11%
\$ 49.03	111%	\$ 56.97	129%	\$ (3.17)	-3%	\$ (4.76)	-11%
\$ 75.20	96%	\$ 89.27	114%	\$ (5.62)	-4%	\$ (8.45)	-11%
\$ 82.87	94%	\$ 98.74	112%	\$ (6.34)	-4%	\$ (9.53)	-11%
\$ 105.42	90%	\$ 126.58	107%	\$ (8.45)	-4%	\$ (12.71)	-11%