

Liberty Utilities (EnergyNorth Natural Gas) Corp.

1 d/b/a Liberty Utilities
 2 Peak 2020 - 2021 Winter Cost of Gas Filing
 3 Annual Bill Comparisons, Nov 19 - Apr 20 vs Nov 20 - Apr 21 - Residential Heating Rate R-3
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6 November 1, 2020 - April 30, 2021
 7 Residential Heating (R3)

8 PROPOSED		Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	Winter Nov-Apr
10 average Usage (Therms)		62	110	123	148	132	92	667
	7/1/2020 - Current							
12 Winter:								
13 Cust. Chg	\$ 15.50	\$ 15.50	\$ 15.50	\$ 15.50	\$ 15.50	\$ 15.50	\$ 15.50	\$ 93.00
14 Headblock	\$ 0.5678							
15 Tailblock	\$ 0.5678	\$ 35.20	\$ 62.46	\$ 69.84	\$ 84.03	\$ 74.95	\$ 52.24	\$ 378.72
16 HB Threshold	-							
24 Total Base Rate Amount		\$ 50.70	\$ 77.96	\$ 85.34	\$ 99.53	\$ 90.45	\$ 67.74	\$ 471.72
26 COG Rate - (Seasonal)		\$ 0.5571	\$ 0.5571	\$ 0.5571	\$ 0.5571	\$ 0.5571	\$ 0.5571	\$ 0.5571
27 COG amount		\$ 34.54	\$ 61.28	\$ 68.52	\$ 82.45	\$ 73.54	\$ 51.25	\$ 371.59
29 LDAC		\$ 0.0589	\$ 0.0589	\$ 0.0589	\$ 0.0589	\$ 0.0589	\$ 0.0589	\$ 0.0589
30 LDAC amount		\$ 3.65	\$ 6.48	\$ 7.24	\$ 8.72	\$ 7.78	\$ 5.42	\$ 39.29
32 Total Bill		\$ 88.90	\$ 145.72	\$ 161.11	\$ 190.70	\$ 171.76	\$ 124.41	\$ 882.60

34 November 1, 2019 - April 30, 2020
 35 Residential Heating (R3)

36 CURRENT		Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	Winter Nov-Apr
38 average Usage (Therms)		62	110	123	148	132	92	667
	7/1/19 - 6/30/20 7/1/2020 - Current							
40 Winter:								
41 Cust. Chg	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 91.20
42 Headblock	\$ 0.5569	\$ 0.5678						
43 Tailblock	\$ 0.5569	\$ 0.5678	\$ 34.53	\$ 61.26	\$ 68.50	\$ 82.42	\$ 73.51	\$ 371.45
44 HB Threshold	-							
52 Total Base Rate Amount		\$ 49.73	\$ 76.46	\$ 83.70	\$ 97.62	\$ 88.71	\$ 66.43	\$ 462.65
54 COG Rate - (Seasonal)		\$ 0.6203	\$ 0.6203	\$ 0.5653	\$ 0.4184	\$ 0.3499	\$ 0.2679	\$ 0.4632
55 COG amount		\$ 38.46	\$ 68.23	\$ 69.53	\$ 61.92	\$ 46.19	\$ 24.65	\$ 308.98
57 LDAC		\$ 0.0310	\$ 0.0310	\$ 0.0310	\$ 0.0310	\$ 0.0310	\$ 0.0310	\$ 0.0310
58 LDAC amount		\$ 1.92	\$ 3.41	\$ 3.81	\$ 4.59	\$ 4.09	\$ 2.85	\$ 20.68
60 Total Bill		\$ 90.11	\$ 148.10	\$ 157.04	\$ 164.13	\$ 138.99	\$ 93.93	\$ 792.31

62 DIFFERENCE:

63 Total Bill		(\$1.21)	(\$2.38)	\$4.06	\$26.57	\$32.77	\$30.48	\$90.29
64 % Change		-1.35%	-1.61%	2.59%	16.19%	23.58%	32.44%	11.40%
66 Base Rate		\$ 0.98	\$ 1.50	\$ 1.64	\$ 1.91	\$ 1.74	\$ 1.30	\$ 9.07
67 % Change		1.96%	1.96%	1.96%	1.96%	1.96%	1.96%	1.96%
69 COG & LDAC		\$ (2.19)	\$ (3.88)	\$ 2.42	\$ 24.66	\$ 31.03	\$ 29.17	\$ 81.22
70 % Change		-5.69%	-5.69%	3.49%	39.82%	67.19%	118.37%	26.29%

Liberty Utilities (EnergyNorth Natural Gas) Corp.

1 d/b/a Liberty Utilities

2 Peak 2020 - 2021 Winter Cost of Gas Filing

3 Annual Bill Comparisons, Nov 19 - Apr 20 vs Nov 20 - Apr 21 - Commercial Rate G-41

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6 November 1, 2020 - April 30, 2021

7 Commercial Rate (G-41)

8 PROPOSED

		Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	Winter Nov-Apr
9		89	277	504	457	331	297	1,955
10	average Usage (Therms)							
11								
12	Winter:							
13	Cust. Chg	\$ 57.46	\$ 57.46	\$ 57.46	\$ 57.46	\$ 57.46	\$ 57.46	\$ 344.76
14	Headblock	\$ 0.4711	\$ 0.4711	\$ 0.4711	\$ 0.4711	\$ 0.4711	\$ 0.4711	\$ 277.48
15	Tailblock	\$ 0.3165	\$ 0.3165	\$ 0.3165	\$ 0.3165	\$ 0.3165	\$ 0.3165	\$ 200.00
16	HB Threshold	100	100	100	100	100	100	100
17								
24	Total Base Rate Amount	\$ 99.39	\$ 160.59	\$ 232.44	\$ 217.56	\$ 177.68	\$ 166.92	\$ 1,054.58
25								
26	COG Rate - (Seasonal)	\$ 0.5552	\$ 0.5552	\$ 0.5552	\$ 0.5552	\$ 0.5552	\$ 0.5552	\$ 0.5552
27	COG amount	\$ 49.41	\$ 153.79	\$ 279.82	\$ 253.73	\$ 183.77	\$ 164.89	\$ 1,085.42
28								
29	LDAC	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555
30	LDAC amount	\$ 4.94	\$ 15.37	\$ 27.96	\$ 25.35	\$ 18.36	\$ 16.47	\$ 108.44
31								
32	Total Bill	\$153.74	\$329.75	\$540.21	\$496.64	\$379.81	\$348.29	\$2,248.44

34 November 1, 2019 - April 30, 2020

35 Commercial Rate (G-41)

36 CURRENT

		Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	Winter Nov-Apr
37		89	277	504	457	331	297	1,955
38	average Usage (Therms)							
39								
40	Winter:							
41	Cust. Chg	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 338.16
42	Headblock	\$ 0.4621	\$ 0.4621	\$ 0.4621	\$ 0.4621	\$ 0.4621	\$ 0.4621	\$ 272.18
43	Tailblock	\$ 0.3104	\$ 0.3104	\$ 0.3104	\$ 0.3104	\$ 0.3104	\$ 0.3104	\$ 200.00
44	HB Threshold	100	100	100	100	100	100	100
45								
52	Total Base Rate Amount	\$ 97.49	\$ 157.51	\$ 227.97	\$ 213.38	\$ 174.27	\$ 163.72	\$ 1,034.34
53								
54	COG Rate - (Seasonal)	\$ 0.6190	\$ 0.6190	\$ 0.5640	\$ 0.4171	\$ 0.3486	\$ 0.2666	\$ 0.4583
55	COG amount	\$ 55.09	\$ 171.46	\$ 284.26	\$ 190.61	\$ 115.39	\$ 79.18	\$ 895.99
56								
57	LDAC	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478
58	LDAC amount	\$ 4.25	\$ 13.24	\$ 24.09	\$ 21.84	\$ 15.82	\$ 14.20	\$ 93.45
59								
60	Total Bill	\$156.83	\$342.21	\$536.32	\$425.84	\$305.48	\$257.10	\$2,023.78

62 DIFFERENCE:

63	Total Bill	\$ (3.09)	\$ (12.47)	\$ 3.90	\$ 70.79	\$ 74.33	\$ 91.19	\$ 224.65
64	% Change	-1.97%	-3.64%	0.73%	16.62%	24.33%	35.47%	11.10%
65								
66	Base Rate	\$ 1.90	\$ 3.08	\$ 4.46	\$ 4.18	\$ 3.41	\$ 3.20	\$ 20.23
67	% Change	1.95%	1.96%	1.96%	1.96%	1.96%	1.96%	1.96%
68								
69	COG & LDAC	\$ (5.00)	\$ (15.55)	\$ (0.57)	\$ 66.62	\$ 70.92	\$ 87.99	\$ 204.42
70	% Change	-9.07%	-9.07%	-0.20%	34.95%	61.47%	111.13%	22.81%

Liberty Utilities (EnergyNorth Natural Gas) Corp.

1 d/b/a Liberty Utilities
 2 Peak 2020 - 2021 Winter Cost of Gas Filing
 71 Annual Bill Comparisons, Nov 19 - Apr 20 vs Nov 20 - Apr 21 - Commercial Rate G-42
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74 November 1, 2020 - April 30, 2021
 75 C&I High Winter Use Medium G-42

76 PROPOSED			Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	Winter
77			830	2,189	3,708	3,406	2,603	2,395	Nov-Apr
78	average Usage (Therms)								15,131
79		<u>7/1/2020 - Current</u>							
80	Winter:								
81	Cust. Chg	\$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 1,034.34
82	Headblock	\$ 0.4284	\$ 355.57	\$ 428.40	\$ 428.40	\$ 428.40	\$ 428.40	\$ 428.40	\$ 2,497.57
83	Tailblock	\$ 0.2855	\$ -	\$ 339.46	\$ 773.13	\$ 686.91	\$ 457.66	\$ 398.27	\$ 2,655.44
84	HB Threshold	1,000							
85									
92	Total Base Rate Amount		\$ 527.96	\$ 940.25	\$ 1,373.92	\$ 1,287.70	\$ 1,058.45	\$ 999.06	\$ 6,187.35
93									
94	COG Rate - (Seasonal)		\$ 0.5552	\$ 0.5552	\$ 0.5552	\$ 0.5552	\$ 0.5552	\$ 0.5552	\$ 0.5552
95	COG amount		\$ 460.82	\$ 1,215.33	\$ 2,058.68	\$ 1,891.01	\$ 1,445.19	\$ 1,329.70	\$ 8,400.73
96									
97	LDAC		\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555
98	LDAC amount		\$ 46.04	\$ 121.42	\$ 205.68	\$ 188.93	\$ 144.39	\$ 132.85	\$ 839.32
99									
100	Total Bill		\$ 1,034.82	\$ 2,277.01	\$ 3,638.29	\$ 3,367.65	\$ 2,648.02	\$ 2,461.62	\$ 15,427.40

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

104 CURRENT			Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	Winter
105			830	2,189	3,708	3,406	2,603	2,395	Nov-Apr
106	average Usage (Therms)								15,131
107									
108	Winter:	<u>7/1/19 - 6/30/20</u> <u>7/1/2020 - Current</u>							
109	Cust. Chg	\$ 169.09 \$ 172.39	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 1,014.54
110	Headblock	\$ 0.4202 \$ 0.4284	\$ 348.77	\$ 420.20	\$ 420.20	\$ 420.20	\$ 420.20	\$ 420.20	\$ 2,449.77
111	Tailblock	\$ 0.2800 \$ 0.2855	\$ -	\$ 332.92	\$ 758.24	\$ 673.68	\$ 448.84	\$ 390.60	\$ 2,604.28
112	HB Threshold	1,000 1,000							
113									
120	Total Base Rate Amount		\$ 517.86	\$ 922.21	\$ 1,347.53	\$ 1,262.97	\$ 1,038.13	\$ 979.89	\$ 6,068.59
121									
122	COG Rate - (Seasonal)		\$ 0.6190	\$ 0.6190	\$ 0.5640	\$ 0.4171	\$ 0.3486	\$ 0.2666	\$0.4578
123	COG amount		\$ 513.77	\$ 1,354.99	\$ 2,091.31	\$ 1,420.64	\$ 907.41	\$ 638.51	\$ 6,926.63
124									
125	LDAC		\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	0.0478
126	LDAC amount		\$ 39.67	\$ 104.63	\$ 177.24	\$ 162.81	\$ 124.42	\$ 114.48	\$ 723.26
127									
128	Total Bill		\$ 1,071.30	\$ 2,381.84	\$ 3,616.08	\$ 2,846.42	\$ 2,069.96	\$ 1,732.88	\$ 13,718.48

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 130 DIFFERENCE:

131	Total Bill		\$ (36.48)	\$ (104.83)	\$ 22.21	\$ 521.23	\$ 578.06	\$ 728.74	\$ 1,708.92
132	% Change		-3.41%	-4.40%	0.61%	18.31%	27.93%	42.05%	12.46%
133									
134	Base Rate		\$ 10.11	\$ 18.04	\$ 26.39	\$ 24.73	\$ 20.32	\$ 19.17	\$ 118.76
135	% Change		1.95%	1.96%	1.96%	1.96%	1.96%	1.96%	1.96%
136									
137	COG & LDAC		\$ (46.59)	\$ (122.87)	\$ (4.19)	\$ 496.49	\$ 557.75	\$ 709.57	\$ 1,590.16
138	% Change		-9.07%	-9.07%	-0.20%	34.95%	61.47%	111.13%	22.96%

Liberty Utilities (EnergyNorth Natural Gas) Corp.

1 d/b/a Liberty Utilities

2 Peak 2020 - 2021 Winter Cost of Gas Filing

139 Annual Bill Comparisons, Nov 19 - Apr 20 vs Nov 20 - Apr 21 - Commercial Rate G-52

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142 November 1, 2020 - April 30, 2021

143 Commercial Rate (G-52)

144 PROPOSED

		Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	Winter Nov-Apr
145	average Usage (Therms)	1,352	1,866	2,284	2,160	1,886	1,760	11,308
147	Winter:	<u>7/1/2020 - Current</u>						
149	Cust. Chg	\$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 1,034.34
150	Headblock	\$ 0.2439	\$ 0.2439	\$ 0.2439	\$ 0.2439	\$ 0.2439	\$ 0.2439	\$ 1,463.40
151	Tailblock	\$ 0.1624	\$ 0.1624	\$ 0.1624	\$ 0.1624	\$ 0.1624	\$ 0.1624	\$ 862.02
152	HB Threshold	1,000	1,000	1,000	1,000	1,000	1,000	
153								
160	Total Base Rate Amount	\$ 473.45	\$ 556.93	\$ 624.81	\$ 604.67	\$ 560.18	\$ 539.71	\$ 3,359.76
161								
162	COG Rate - (Seasonal)	\$0.5660	\$0.5660	\$0.5660	\$0.5660	\$0.5660	\$0.5660	\$ 0.5660
163	COG amount	\$ 765.23	\$ 1,056.16	\$ 1,292.74	\$ 1,222.56	\$ 1,067.48	\$ 996.16	\$ 6,400.33
164								
165	LDAC	\$0.0555	\$0.0555	\$0.0555	\$0.0555	\$0.0555	\$0.0555	\$ 0.0555
166	LDAC amount	\$ 75.00	\$ 103.51	\$ 126.69	\$ 119.82	\$ 104.62	\$ 97.63	\$ 627.26
167								
168	Total Bill	\$1,313.68	\$1,716.59	\$2,044.25	\$1,947.05	\$1,732.27	\$1,633.50	\$10,387.35

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170 November 1, 2019 - April 30, 2020

171 Commercial Rate (G-52)

172 CURRENT

		Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	Winter Nov-Apr
173	average Usage (Therms)	1,352	1,866	2,284	2,160	1,886	1,760	11,308
175	Winter:	<u>7/1/19 - 6/30/20</u> <u>7/1/2020 - Current</u>						
177	Cust. Chg	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 1,014.54
178	Headblock	\$ 0.2392	\$ 0.2392	\$ 0.2392	\$ 0.2392	\$ 0.2392	\$ 0.2392	\$ 1,435.20
179	Tailblock	\$ 0.1593	\$ 0.1593	\$ 0.1593	\$ 0.1593	\$ 0.1593	\$ 0.1593	\$ 845.56
180	HB Threshold	1,000	1,000	1,000	1,000	1,000	1,000	
181								
188	Total Base Rate Amount	\$ 464.36	\$ 546.24	\$ 612.83	\$ 593.08	\$ 549.43	\$ 529.36	\$ 3,295.30
189								
190	COG Rate - (Seasonal)	\$ 0.6258	\$ 0.6258	\$ 0.5708	\$ 0.4239	\$ 0.3554	\$ 0.2734	\$ 0.4762
191	COG amount	\$ 846.08	\$ 1,167.74	\$ 1,303.71	\$ 915.62	\$ 670.28	\$ 481.18	\$ 5,384.62
192								
193	LDAC	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478
194	LDAC amount	\$ 64.63	\$ 89.19	\$ 109.18	\$ 103.25	\$ 90.15	\$ 84.13	\$ 540.52
195								
196	Total Bill	\$1,375.07	\$1,803.18	\$2,025.71	\$1,611.95	\$1,309.87	\$1,094.67	\$9,220.45

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198 DIFFERENCE:

199	Total Bill	\$ (61.39)	\$ (86.59)	\$ 18.54	\$ 335.10	\$ 422.40	\$ 538.83	\$ 1,166.90
200	% Change	-4.46%	-4.80%	0.92%	20.79%	32.25%	49.22%	12.66%
201								
202	Base Rate	\$ 9.09	\$ 10.68	\$ 11.98	\$ 11.60	\$ 10.75	\$ 10.36	\$ 64.45
203	% Change	1.96%	1.96%	1.95%	1.96%	1.96%	1.96%	1.96%
204								
205	COG & LDAC	\$ (70.48)	\$ (97.27)	\$ 6.56	\$ 323.50	\$ 411.66	\$ 528.48	\$ 1,102.44
206	% Change	-8.33%	-8.33%	0.50%	35.33%	61.42%	109.83%	20.47%

Liberty Utilities (EnergyNorth Natural Gas) Corp.

1 **d/b/a Liberty Utilities**

2 **Peak 2020 - 2021 Winter Cost of Gas Filing**

207 **Residential Heating**

	Winter 2018-19	Winter 2019-20
208		
209 Customer Charge	\$ 15.50	\$ 15.50
210 First 100 Therms	\$ 0.5678	\$ 0.5678
211 Excess 100 Therms	\$ 0.5678	\$ 0.5678
212 LDAC	\$ 0.0310	\$ 0.0589
213 COG	\$ 0.4632	\$ 0.5571
214 Total Adjust	\$ 0.4942	\$ 0.6160

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	Winter 2017-18 COG @	Winter 2018-19 CO	Total		Base Rate		COG		LDAC	
			\$ Impact	% Impact	\$ Impact	% Impact	\$ Impact	% Impact	\$ Impact	% Impact
	\$0.4942	\$0.6160	\$0.12	25%						
222 Cooking alone	5 \$20.81	\$3.08	(\$17.73)	-85%	-\$18.34	-88%	\$0.47	15%	\$0.14	1%
224	10 \$26.12	\$6.16	(\$19.96)	-76%	-\$21.18	-81%	\$0.94	15%	\$0.28	1%
226	20 \$36.74	\$12.32	(\$24.42)	-66%	-\$26.86	-73%	\$1.88	15%	\$0.56	2%
228 Water Heating alone	30 \$47.36	\$18.48	(\$28.88)	-61%	-\$32.53	-69%	\$2.82	15%	\$0.84	2%
230	45 \$63.29	\$27.72	(\$35.57)	-56%	-\$41.05	-65%	\$4.22	15%	\$1.26	2%
232	50 \$68.60	\$30.80	(\$37.80)	-55%	-\$43.89	-64%	\$4.69	15%	\$1.40	2%
234 Heating Alone	80 \$95.15	\$46.20	(\$48.95)	-51%	-\$58.09	-61%	\$7.04	15%	\$2.09	2%
236	125 \$156.75	\$81.93	(\$74.82)	-48%	-\$91.02	-58%	\$12.48	15%	\$3.71	2%
238	150 \$174.81	\$92.40	(\$82.41)	-47%	-\$100.67	-58%	\$14.08	15%	\$4.19	2%
240	200 \$227.91	\$123.20	(\$104.71)	-46%	-\$129.06	-57%	\$18.77	15%	\$5.58	2%

Liberty Utilities (Energy North Natural Gas) Corp. d/b/a Liberty Utilities
Revenue Decoupling Adjustment Factor (RDAF)
For LDAC effective November 1, 2020 - October 31, 2021

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RDAF
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Residential

1	Residential Projected November 1, 2020 Reconciliation Balance - RDAF Page 2	(\$441,556)
2	Residential Revenue Decoupling Deficiency / (Excess) - RDAF Page 3	<u>(\$3,150,744)</u>
3	Total Residential Revenue Decoupling Deficiency / (Excess)	(\$3,592,300)
4	Estimated Residential November 2020 - October 2021 Sales (therms)	63,939,354
5	Residential Revenue Decoupling rate per therm November 2020 - October 2021	(\$0.0562)

Commercial

6	Commercial Projected November 1, 2020 Reconciliation Balance - RDAF Page 2	(\$568,542)
7	Commercial Revenue Decoupling Deficiency / (Excess) - RDAF Page 3	<u>(\$1,815,203)</u>
8	Total Commercial Revenue Decoupling Deficiency / (Excess)	(\$2,383,746)
9	Estimated Commercial November 2020 - October 2021 Sales (therms)	115,635,325
10	Commercial Revenue Decoupling rate per therm November 2020 - October 2021	(\$0.0206)

Liberty Utilities (EnergyNorth Natural Gas) Corp.
NOVEMBER 2019 THROUGH OCTOBER 2020
REVENUE DECOUPLING RECONCILIATION BY SECTOR

RESIDENTIAL		(Actual)	(Actual)	(Actual)	(Actual)	(Actual)	(Actual)	(Actual)	(Actual)	(Estimate)	(Estimate)	(Estimate)	(Estimate)
1	FOR THE MONTH OF:	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20
2	DAYS IN MONTH	30	31	31	29	31	30	31	30	31	31	30	31
3	Beginning Balance	\$ (4,066,854)	\$ (3,997,206)	\$ (3,475,260)	\$ (2,831,905)	\$ (2,243,566)	\$ (1,703,013)	\$ (1,291,637)	\$ (994,280)	\$ (860,469)	\$ (780,674)	\$ (715,149)	\$ (616,895)
4													
5	Less: Reconcile RDAF estimate to actual	\$ (15,139)											
6													
7	Add: Collected Revenue	100,498	536,989	656,052	597,898	548,497	415,370	300,508	136,285	82,056	67,587	100,031	176,798
8													
9	Ending Balance Pre-Interest	\$ (3,981,495)	\$ (3,460,217)	\$ (2,819,208)	\$ (2,234,007)	\$ (1,695,069)	\$ (1,287,643)	\$ (991,129)	\$ (857,995)	\$ (778,412)	\$ (713,088)	\$ (615,118)	\$ (440,097)
10													
11	Month's Average Balance	\$ (4,024,175)	\$ (3,728,712)	\$ (3,147,234)	\$ (2,532,956)	\$ (1,969,317)	\$ (1,495,328)	\$ (1,141,383)	\$ (926,137)	\$ (819,441)	\$ (746,881)	\$ (665,134)	\$ (528,496)
12													
13	Interest Rate	4.75%	4.75%	4.75%	4.75%	4.75%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%
14													
15	Interest Applied	\$ (15,711)	\$ (15,043)	\$ (12,697)	\$ (9,559)	\$ (7,945)	\$ (3,994)	\$ (3,151)	\$ (2,474)	\$ (2,262)	\$ (2,062)	\$ (1,777)	\$ (1,459)
16													
17	Ending Balance	\$ (3,997,206)	\$ (3,475,260)	\$ (2,831,905)	\$ (2,243,566)	\$ (1,703,013)	\$ (1,291,637)	\$ (994,280)	\$ (860,469)	\$ (780,674)	\$ (715,149)	\$ (616,895)	\$ (441,556)

COMMERCIAL & INDUSTRIAL		(Actual)	(Actual)	(Actual)	(Actual)	(Actual)	(Actual)	(Actual)	(Actual)	(Estimate)	(Estimate)	(Estimate)	(Estimate)
18	FOR THE MONTH OF:	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20
19	DAYS IN MONTH	30	31	31	29	31	30	31	30	31	31	30	31
20	Beginning Balance	\$ (2,949,937)	\$ (2,932,797)	\$ (2,627,674)	\$ (2,249,156)	\$ (1,905,938)	\$ (1,583,568)	\$ (1,334,451)	\$ (1,139,693)	\$ (1,020,164)	\$ (934,293)	\$ (832,805)	\$ (719,585)
21													
22	Less: Reconcile RDAF estimate to actual	\$ (10,982)											
23													
24	Add: Collected Revenue	39,583	316,316	388,335	351,044	329,395	253,009	198,168	122,410	88,565	103,924	115,290	152,818
25													
26	Ending Balance Pre-Interest	\$ (2,921,335)	\$ (2,616,481)	\$ (2,239,339)	\$ (1,898,113)	\$ (1,576,544)	\$ (1,330,559)	\$ (1,136,283)	\$ (1,017,283)	\$ (931,599)	\$ (830,369)	\$ (717,514)	\$ (566,767)
27													
28	Month's Average Balance	\$ (2,935,636)	\$ (2,774,639)	\$ (2,433,507)	\$ (2,073,635)	\$ (1,741,241)	\$ (1,457,064)	\$ (1,235,367)	\$ (1,078,488)	\$ (975,882)	\$ (882,331)	\$ (775,160)	\$ (643,176)
29													
30	Interest Rate	4.75%	4.75%	4.75%	4.75%	4.75%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%
31													
32	Interest Applied	\$ (11,461)	\$ (11,194)	\$ (9,817)	\$ (7,826)	\$ (7,025)	\$ (3,892)	\$ (3,410)	\$ (2,881)	\$ (2,694)	\$ (2,435)	\$ (2,071)	\$ (1,775)
33													
34	Ending Balance	\$ (2,932,797)	\$ (2,627,674)	\$ (2,249,156)	\$ (1,905,938)	\$ (1,583,568)	\$ (1,334,451)	\$ (1,139,693)	\$ (1,020,164)	\$ (934,293)	\$ (832,805)	\$ (719,585)	\$ (568,542)

35	Total Ending Balance	\$ (6,930,003)	\$ (6,102,934)	\$ (5,081,061)	\$ (4,149,504)	\$ (3,286,582)	\$ (2,626,089)	\$ (2,133,973)	\$ (1,880,633)	\$ (1,714,967)	\$ (1,547,954)	\$ (1,336,480)	\$ (1,010,099)
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Liberty Utilities (Energy North Natural Gas) Corp. d/b/a Liberty Utilities
 Revenue Decoupling Adjustment Factor (RDAF)
 Allowed Base Revenue

Revised Schedule 19
 RDAF
 Page 4 of 15

EnergyNorth Natural Gas Inc

2019-20 Customers (Equivalent Bills)

	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-20	S&T Feb-20	S&T Mar-20	S&T Apr-20	S&T May-20	S&T Jun-20	S&T Jul-19	S&T Aug-19	S&T Total
R-1	3,497	3,611	3,503	3,627	3,630	3,403	3,645	3,520	3,633	3,514	3,605	3,613	42,801
R-3	72,511	75,302	73,218	76,274	76,471	71,695	76,753	74,366	76,831	73,589	74,635	74,652	896,299
R-4	5,314	5,687	5,939	5,943	5,921	5,522	5,814	5,486	5,610	5,356	5,713	5,574	67,879
Total Resid.	81,322	84,600	82,660	85,844	86,022	80,620	86,212	83,372	86,074	82,459	83,953	83,840	1,006,979
G-41	8,868	9,414	9,424	9,851	9,899	9,280	9,918	9,534	9,722	9,135	9,210	9,149	113,403
G-42	1,409	1,467	1,434	1,483	1,487	1,394	1,492	1,442	1,486	1,419	1,441	1,457	17,411
G-43	56	59	58	64	63	59	63	61	63	60	59	56	721
G-51	1,306	1,353	1,311	1,350	1,347	1,260	1,346	1,298	1,340	1,272	1,345	1,357	15,886
G-52	392	409	401	417	419	393	421	406	419	402	401	406	4,886
G-53	33	34	33	34	34	32	34	33	34	33	34	33	402
G-54	26	27	26	28	29	26	29	28	28	27	28	27	329
Total C/I	12,091	12,763	12,687	13,226	13,279	12,443	13,302	12,802	13,092	12,348	12,519	12,485	153,037
Total All	93,413	97,363	95,347	99,070	99,300	93,063	99,514	96,174	99,166	94,807	96,472	96,325	1,160,016

2019-20 Benchmark Base Revenue Per Bill

	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-20	S&T Feb-20	S&T Mar-20	S&T Apr-20	S&T May-20	S&T Jun-20	S&T Jul-19	S&T Aug-19
R-1	\$ 18,859	\$ 20,743	\$ 23,630	\$ 25,588	\$ 26,326	\$ 26,064	\$ 24,359	\$ 21,665	\$ 20,932	\$ 19,551	\$ 18,941	\$ 18,879
R-3	\$ 25,472	\$ 36,363	\$ 58,483	\$ 78,412	\$ 89,883	\$ 84,877	\$ 72,716	\$ 45,931	\$ 33,622	\$ 25,883	\$ 23,299	\$ 23,420
R-4	\$ 9,916	\$ 14,057	\$ 22,321	\$ 29,930	\$ 33,822	\$ 31,446	\$ 28,720	\$ 19,784	\$ 13,134	\$ 10,516	\$ 9,417	\$ 9,531
G-41	\$ 72,158	\$ 91,992	\$ 141,061	\$ 187,336	\$ 213,824	\$ 204,320	\$ 174,282	\$ 120,172	\$ 89,749	\$ 73,104	\$ 68,903	\$ 68,518
G-42	\$ 350,138	\$ 536,208	\$ 831,437	\$ 1,139,248	\$ 1,275,090	\$ 1,181,586	\$ 995,503	\$ 692,940	\$ 478,158	\$ 353,842	\$ 302,305	\$ 295,617
G-43	\$ 1,571,363	\$ 1,527,764	\$ 6,630,216	\$ 7,593,280	\$ 8,769,856	\$ 7,718,973	\$ 6,633,048	\$ 4,338,262	\$ 2,120,739	\$ 1,477,930	\$ 1,300,970	\$ 1,336,424
G-51	\$ 89,704	\$ 101,446	\$ 117,110	\$ 128,843	\$ 132,447	\$ 127,517	\$ 117,280	\$ 101,009	\$ 95,963	\$ 86,858	\$ 87,995	\$ 88,807
G-52	\$ 364,914	\$ 437,330	\$ 635,041	\$ 672,436	\$ 670,683	\$ 657,599	\$ 601,232	\$ 521,003	\$ 376,781	\$ 342,142	\$ 352,146	\$ 363,849
G-53	\$ 2,344,638	\$ 2,881,035	\$ 5,288,039	\$ 6,482,182	\$ 5,443,345	\$ 5,509,426	\$ 5,382,287	\$ 4,702,462	\$ 2,553,307	\$ 2,163,553	\$ 2,187,837	\$ 2,390,070
G-54	\$ 2,869,470	\$ 3,362,856	\$ 4,517,444	\$ 5,041,273	\$ 4,376,519	\$ 3,774,254	\$ 2,908,047	\$ 3,287,867	\$ 2,028,236	\$ 2,391,070	\$ 2,406,224	\$ 2,727,255

2019-20 Allowed Base Revenue

	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-20	S&T Feb-20	S&T Mar-20	S&T Apr-20	S&T May-20	S&T Jun-20	S&T Jul-19	S&T Aug-19	S&T Total
R-1	\$ 65,957	\$ 74,907	\$ 82,768	\$ 92,799	\$ 95,563	\$ 88,684	\$ 88,792	\$ 76,262	\$ 76,047	\$ 68,708	\$ 68,278	\$ 68,211	\$ 946,976
R-3	\$ 1,846,975	\$ 2,738,202	\$ 4,282,002	\$ 5,980,759	\$ 6,873,453	\$ 6,085,300	\$ 5,581,209	\$ 3,415,684	\$ 2,583,185	\$ 1,904,687	\$ 1,738,889	\$ 1,748,397	\$ 44,778,744
R-4	\$ 52,692	\$ 79,937	\$ 132,570	\$ 177,882	\$ 200,249	\$ 173,658	\$ 166,968	\$ 108,535	\$ 73,683	\$ 56,324	\$ 53,796	\$ 53,132	\$ 1,329,427
Total Resid.	\$ 1,965,623	\$ 2,893,046	\$ 4,497,340	\$ 6,251,440	\$ 7,169,264	\$ 6,347,643	\$ 5,836,969	\$ 3,600,482	\$ 2,732,916	\$ 2,029,720	\$ 1,860,963	\$ 1,869,741	\$ 47,055,148
G-41	\$ 639,934	\$ 866,012	\$ 1,329,324	\$ 1,845,424	\$ 2,116,677	\$ 1,896,072	\$ 1,728,486	\$ 1,145,681	\$ 872,510	\$ 667,785	\$ 634,584	\$ 626,868	\$ 14,369,358
G-42	\$ 493,300	\$ 786,658	\$ 1,192,054	\$ 1,689,567	\$ 1,895,734	\$ 1,646,593	\$ 1,484,906	\$ 999,164	\$ 710,642	\$ 502,140	\$ 435,741	\$ 430,853	\$ 12,267,352
G-43	\$ 88,677	\$ 90,189	\$ 387,205	\$ 482,174	\$ 556,009	\$ 457,992	\$ 419,430	\$ 264,634	\$ 132,900	\$ 88,085	\$ 76,627	\$ 74,662	\$ 3,118,584
G-51	\$ 117,144	\$ 137,262	\$ 153,583	\$ 173,920	\$ 178,445	\$ 160,626	\$ 157,868	\$ 131,160	\$ 128,557	\$ 110,508	\$ 118,379	\$ 120,531	\$ 1,687,983
G-52	\$ 143,140	\$ 178,850	\$ 254,475	\$ 280,270	\$ 280,973	\$ 258,723	\$ 252,859	\$ 211,546	\$ 157,870	\$ 137,540	\$ 141,230	\$ 147,704	\$ 2,445,180
G-53	\$ 77,295	\$ 98,243	\$ 174,505	\$ 221,042	\$ 185,617	\$ 175,751	\$ 183,715	\$ 155,338	\$ 87,153	\$ 71,397	\$ 75,116	\$ 78,952	\$ 1,584,123
G-54	\$ 74,606	\$ 90,348	\$ 117,454	\$ 140,483	\$ 126,627	\$ 96,329	\$ 83,977	\$ 92,060	\$ 57,331	\$ 64,559	\$ 68,417	\$ 73,272	\$ 1,085,462
Total C/I	\$ 1,634,096	\$ 2,247,562	\$ 3,608,600	\$ 4,832,881	\$ 5,340,082	\$ 4,692,086	\$ 4,311,241	\$ 2,999,583	\$ 2,146,964	\$ 1,642,014	\$ 1,550,094	\$ 1,552,841	\$ 36,558,043
Total All	\$ 3,599,719	\$ 5,140,608	\$ 8,105,940	\$ 11,084,321	\$ 12,509,347	\$ 11,039,729	\$ 10,148,210	\$ 6,600,065	\$ 4,879,879	\$ 3,671,734	\$ 3,411,057	\$ 3,422,582	\$ 83,613,191

II RATE SCHEDULES
FIRM RATE SCHEDULES

Rates effective November 1, 2020 - April 30, 2021

Rates Effective May 1, 2021 - October 31, 2021

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

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

Winter Period

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	\$ 15.20			\$ 15.20	\$ 15.50			\$ 15.50
Customer Charge per Month per Meter	\$ 15.50			\$ 15.50	\$ 15.50			\$ 15.50
All Therms	\$ 0.3860	\$ 0.5571	\$ 0.0589	\$ 1.0020	\$ 0.3860	\$ 0.3148	\$ -0.0603	\$ 0.7597
	\$ 0.3786	\$ 0.5825	\$ 0.0660	\$ 1.0271	\$ 0.3860	\$ 0.4914	\$ 0.0310	\$ 0.9084
Residential Heating - R-3	\$ 15.20			\$ 15.20	\$ 15.50			\$ 15.50
Customer Charge per Month per Meter	\$ 15.50			\$ 15.50	\$ 15.50			\$ 15.50
Size of the first block								
all therms								
Therms in the first block per month at	\$ 0.5678	\$ 0.5571	\$ 0.0589	\$ 1.1838	\$ 0.5678	\$ 0.3148	\$ -0.0603	\$ 0.9415
	\$ 0.5569	\$ 0.5825	\$ 0.0660	\$ 1.2054	\$ 0.5678	\$ 0.4914	\$ 0.0310	\$ 1.0902
Residential Heating - R-4	\$ 6.08			\$ 6.08	\$ 6.20			\$ 6.20
Customer Charge per Month per Meter	\$ 8.52			\$ 8.52	\$ 15.50			\$ 15.50
Size of the first block								
all therms								
Therms in the first block per month at	\$ 0.3123	\$ 0.3064	\$ 0.0589	\$ 0.6776	\$ 0.3123	\$ 0.3148	\$ 0.0589	\$ 0.9415
	\$ 0.2228	\$ 0.5825	\$ 0.0660	\$ 0.8713	\$ 0.2272	\$ 0.4914	\$ 0.0310	\$ 0.7496
Commercial/Industrial - G-41	\$ 56.36			\$ 56.36	\$ 57.46			\$ 57.46
Customer Charge per Month per Meter	\$ 57.46			\$ 57.46	\$ 57.46			\$ 57.46
Size of the first block								
100 therms								
Therms in the first block per month at	\$ 0.4711	\$ 0.5552	\$ 0.0555	\$ 1.0818	\$ 0.4711	\$ 0.3109	\$ -0.0549	\$ 0.8375
	\$ 0.4624	\$ 0.5817	\$ 0.0757	\$ 1.1195	\$ 0.4711	\$ 0.4868	\$ 0.0478	\$ 1.0057
All therms over the first block per month at	\$ 0.3165	\$ 0.5552	\$ 0.0555	\$ 0.9272	\$ 0.3165	\$ 0.3109	\$ 0.0555	\$ 0.6828
	\$ 0.3104	\$ 0.5817	\$ 0.0757	\$ 0.9678	\$ 0.3165	\$ 0.4868	\$ 0.0478	\$ 0.8511
Commercial/Industrial - G-42	\$ 169.09			\$ 169.09	\$ 172.39			\$ 172.39
Customer Charge per Month per Meter	\$ 172.39			\$ 172.39	\$ 172.39			\$ 172.39
Size of the first block								
1000 therms								
Therms in the first block per month at	\$ 0.4284	\$ 0.5552	\$ 0.0555	\$ 1.0391	\$ 0.4284	\$ 0.3109	\$ -0.0549	\$ 0.7948
	\$ 0.4202	\$ 0.5817	\$ 0.0757	\$ 1.0776	\$ 0.4284	\$ 0.4868	\$ 0.0478	\$ 0.9630
All therms over the first block per month at	\$ 0.2855	\$ 0.5552	\$ 0.0555	\$ 0.8962	\$ 0.2855	\$ 0.3109	\$ 0.0555	\$ 0.6518
	\$ 0.2800	\$ 0.5817	\$ 0.0757	\$ 0.9374	\$ 0.2855	\$ 0.4868	\$ 0.0478	\$ 0.8204
Commercial/Industrial - G-43	\$ 725.66			\$ 725.66	\$ 739.83			\$ 739.83
Customer Charge per Month per Meter	\$ 739.83			\$ 739.83	\$ 739.83			\$ 739.83
All therms over the first block per month at	\$ 0.2633	\$ 0.5552	\$ 0.0555	\$ 0.8740	\$ 0.1204	\$ 0.3109	\$ -0.0549	\$ 0.4868
	\$ 0.2583	\$ 0.5817	\$ 0.0757	\$ 0.9157	\$ 0.1204	\$ 0.4868	\$ 0.0478	\$ 0.6550
Commercial/Industrial - G-51	\$ 56.36			\$ 56.36	\$ 57.46			\$ 57.46
Customer Charge per Month per Meter	\$ 57.46			\$ 57.46	\$ 57.46			\$ 57.46
Size of the first block								
100 therms								
Therms in the first block per month at	\$ 0.2839	\$ 0.5660	\$ 0.0555	\$ 0.9054	\$ 0.2839	\$ 0.3199	\$ -0.0549	\$ 0.6593
	\$ 0.2785	\$ 0.5870	\$ 0.0757	\$ 0.9412	\$ 0.2839	\$ 0.4985	\$ 0.0478	\$ 0.8302
All therms over the first block per month at	\$ 0.1846	\$ 0.5660	\$ 0.0555	\$ 0.8061	\$ 0.1846	\$ 0.3199	\$ 0.0555	\$ 0.5600
	\$ 0.1811	\$ 0.5870	\$ 0.0757	\$ 0.8438	\$ 0.1846	\$ 0.4985	\$ 0.0478	\$ 0.7309
Commercial/Industrial - G-52	\$ 169.09			\$ 169.09	\$ 172.39			\$ 172.39
Customer Charge per Month per Meter	\$ 172.39			\$ 172.39	\$ 172.39			\$ 172.39
Size of the first block								
1000 therms								
Therms in the first block per month at	\$ 0.2439	\$ 0.5660	\$ 0.0555	\$ 0.8654	\$ 0.1767	\$ 0.3199	\$ -0.0549	\$ 0.5521
	\$ 0.2392	\$ 0.5870	\$ 0.0757	\$ 0.9019	\$ 0.1767	\$ 0.4985	\$ 0.0478	\$ 0.7230
All therms over the first block per month at	\$ 0.1624	\$ 0.5660	\$ 0.0555	\$ 0.7839	\$ 0.1004	\$ 0.3199	\$ 0.0555	\$ 0.4758
	\$ 0.1593	\$ 0.5870	\$ 0.0757	\$ 0.8220	\$ 0.1004	\$ 0.4985	\$ 0.0478	\$ 0.6467
Commercial/Industrial - G-53	\$ 746.81			\$ 746.81	\$ 761.39			\$ 761.39
Customer Charge per Month per Meter	\$ 761.39			\$ 761.39	\$ 761.39			\$ 761.39
All therms over the first block per month at	\$ 0.1705	\$ 0.5660	\$ 0.0555	\$ 0.7920	\$ 0.0818	\$ 0.3199	\$ -0.0549	\$ 0.4571
	\$ 0.1672	\$ 0.5870	\$ 0.0757	\$ 0.8299	\$ 0.0818	\$ 0.4985	\$ 0.0478	\$ 0.6281
Commercial/Industrial - G-54	\$ 746.81			\$ 746.81	\$ 761.39			\$ 761.39
Customer Charge per Month per Meter	\$ 761.39			\$ 761.39	\$ 761.39			\$ 761.39
All therms over the first block per month at	\$ 0.0650	\$ 0.5660	\$ 0.0555	\$ 0.6865	\$ 0.0353	\$ 0.3199	\$ -0.0549	\$ 0.4106
	\$ 0.0638	\$ 0.5870	\$ 0.0757	\$ 0.7265	\$ 0.0353	\$ 0.4985	\$ 0.0478	\$ 0.5816

Issued: ~~October xx, 2019~~ October xx, 2020
Effective: ~~November 1, 2019~~ November 1, 2020

Issued by: _____
Susan L. Fleck
Title: President

Issued in compliance with NHPUC Order No. xx,xxx dated xxxx xx, 2020 in Docket DG 20-xxx.
~~Issued in compliance with NHPUC Order No. 26,306 dated October 31, 2019 in Docket DG 19-145~~

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

Rates Effective May 1, 2021 - October 31, 2021
Rates Effective September 1, 2020 - October 31, 2020

	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	\$ 19.76			\$ 19.76	\$ 20.15			\$ 20.15
Customer Charge per Month per Meter	\$ 20.15			\$ 20.15	\$ 20.15		\$ -0.0603	\$ 20.15
All therms	\$ 0.5018	\$ 0.5571	\$ 0.0589	\$ 1.1178	\$ 0.5018	\$ 0.3148	\$ 0.0589	\$ 0.8755
	\$ 0.4922	\$ 0.2679	\$ 0.0310	\$ 0.7914	\$ 0.5018	\$ 0.4914	\$ 0.0310	\$ 1.0242
Residential Heating - R-6	\$ 19.76			\$ 19.76	\$ 20.15			\$ 20.15
Customer Charge per Month per Meter	\$ 20.15			\$ 20.15	\$ 20.15		\$ -0.0603	\$ 20.15
All therms	\$ 0.7381	\$ 0.5571	\$ 0.0589	\$ 1.3541	\$ 0.7381	\$ 0.3148	\$ 0.0589	\$ 1.1118
	\$ 0.7240	\$ 0.2679	\$ 0.0310	\$ 1.0229	\$ 0.7381	\$ 0.4914	\$ 0.0310	\$ 1.2605
Residential Heating - R-7	\$ 7.90			\$ 7.90	\$ 8.06			\$ 8.06
Customer Charge per Month per Meter	\$ 11.08			\$ 11.08	\$ 11.08		\$ -0.0603	\$ 11.08
All therms	\$ 0.4059	\$ 0.5571	\$ 0.0589	\$ 1.0219	\$ 0.4059	\$ 0.3148	\$ 0.0589	\$ 0.7796
	\$ 0.2896	\$ 0.2679	\$ 0.0310	\$ 0.5885	\$ 0.2953	\$ 0.4914	\$ 0.0310	\$ 0.8177
Commercial/Industrial - G-44	\$ 73.26			\$ 73.26	\$ 74.69			\$ 74.69
Customer Charge per Month per Meter	\$ 74.69			\$ 74.69	\$ 74.69			\$ 74.69
Size of the first block	100 therms				20 therms		\$ -0.0549	
Therms in the first block per month at	\$ 0.6126	\$ 0.5552	\$ 0.0555	\$ 1.2233	\$ 0.5569	\$ 0.3109	\$ 0.0555	\$ 0.9233
All therms over the first block per month a	\$ 0.6908	\$ 0.2666	\$ 0.0478	\$ 0.9452	\$ 0.5569	\$ 0.4868	\$ 0.0478	\$ 1.0915
	\$ 0.4114	\$ 0.5552	\$ 0.0555	\$ 1.0221	\$ 0.3711	\$ 0.3109	\$ 0.0555	\$ 0.7375
	\$ 0.4035	\$ 0.2666	\$ 0.0478	\$ 0.7179	\$ 0.3711	\$ 0.4868	\$ 0.0478	\$ 0.9067
Commercial/Industrial - G-45	\$ 219.82			\$ 219.82	\$ 224.11			\$ 224.11
Customer Charge per Month per Meter	\$ 224.11			\$ 224.11	\$ 224.11		\$ -0.0549	\$ 224.11
Size of the first block	1000 therms				400 therms		\$ -0.0549	
Therms in the first block per month at	\$ 0.5569	\$ 0.5552	\$ 0.0555	\$ 1.1676	\$ 0.5569	\$ 0.3109	\$ 0.0555	\$ 0.9233
All therms over the first block per month a	\$ 0.5463	\$ 0.2666	\$ 0.0478	\$ 0.8607	\$ 0.5569	\$ 0.4868	\$ 0.0478	\$ 1.0915
	\$ 0.3711	\$ 0.5552	\$ 0.0555	\$ 0.9818	\$ 0.3711	\$ 0.3109	\$ 0.0555	\$ 0.7375
	\$ 0.3640	\$ 0.2666	\$ 0.0478	\$ 0.6784	\$ 0.3711	\$ 0.4868	\$ 0.0478	\$ 0.9057
Commercial/Industrial - G-46	\$ 943.36			\$ 943.36	\$ 961.78			\$ 961.78
Customer Charge per Month per Meter	\$ 961.78			\$ 961.78	\$ 961.78		\$ -0.0549	\$ 961.84
All therms over the first block per month a	\$ 0.3423	\$ 0.5552	\$ 0.0555	\$ 0.9530	\$ 0.1565	\$ 0.3109	\$ 0.0555	\$ 0.5229
	\$ 0.3358	\$ 0.2666	\$ 0.0478	\$ 0.6502	\$ 0.1565	\$ 0.4868	\$ 0.0478	\$ 0.6911
Commercial/Industrial - G-55	\$ 73.26			\$ 73.26	\$ 74.69			\$ 74.69
Customer Charge per Month per Meter	\$ 74.69			\$ 74.69	\$ 74.69			\$ 74.69
Size of the first block	100 therms				100 therms		\$ -0.0549	
Therms in the first block per month at	\$ 0.3691	\$ 0.5660	\$ 0.0555	\$ 0.9906	\$ 0.3691	\$ 0.3199	\$ 0.0555	\$ 0.7445
All therms over the first block per month a	\$ 0.3624	\$ 0.2734	\$ 0.0478	\$ 0.6833	\$ 0.3691	\$ 0.4985	\$ 0.0478	\$ 0.9154
	\$ 0.2400	\$ 0.5660	\$ 0.0555	\$ 0.8615	\$ 0.2400	\$ 0.3199	\$ 0.0555	\$ 0.6154
	\$ 0.2354	\$ 0.2734	\$ 0.0478	\$ 0.5566	\$ 0.2400	\$ 0.4985	\$ 0.0478	\$ 0.7863
Commercial/Industrial - G-56	\$ 219.82			\$ 219.82	\$ 224.11			\$ 224.11
Customer Charge per Month per Meter	\$ 224.11			\$ 224.11	\$ 224.11		\$ -0.0549	\$ 224.11
Size of the first block	1000 therms				1000 therms		\$ -0.0549	
Therms in the first block per month at	\$ 0.3171	\$ 0.5660	\$ 0.0555	\$ 0.9386	\$ 0.2297	\$ 0.3199	\$ 0.0555	\$ 0.6051
All therms over the first block per month a	\$ 0.3140	\$ 0.2734	\$ 0.0478	\$ 0.6322	\$ 0.2297	\$ 0.4985	\$ 0.0478	\$ 0.7760
	\$ 0.2111	\$ 0.5660	\$ 0.0555	\$ 0.8326	\$ 0.1304	\$ 0.3199	\$ 0.0555	\$ 0.5058
	\$ 0.2074	\$ 0.2734	\$ 0.0478	\$ 0.5283	\$ 0.1304		\$ -0.0549	
Commercial/Industrial - G-57	\$ 970.84			\$ 970.84	\$ 989.80			\$ 989.80
Customer Charge per Month per Meter	\$ 989.80			\$ 989.80	\$ 989.80		\$ -0.0549	\$ 989.86
All therms over the first block per month a	\$ 0.2216	\$ 0.5660	\$ 0.0555	\$ 0.8431	\$ 0.1063	\$ 0.3199	\$ 0.0555	\$ 0.4817
	\$ 0.2174	\$ 0.2734	\$ 0.0478	\$ 0.5386	\$ 0.1063	\$ 0.4985	\$ 0.0478	\$ 0.6526
Commercial/Industrial - G-58	\$ 970.84			\$ 970.84	\$ 970.84			\$ 970.84
Customer Charge per Month per Meter	\$ 989.80			\$ 989.80	\$ 970.84		\$ -0.0549	\$ 970.89
All therms over the first block per month a	\$ 0.0846	\$ 0.5660	\$ 0.0555	\$ 0.7061	\$ 0.0459	\$ 0.3199	\$ 0.0555	\$ 0.4212
	\$ 0.0829	\$ 0.2734	\$ 0.0478	\$ 0.4044	\$ 0.0459	\$ 0.4985	\$ 0.0478	\$ 0.5922

Issued: ~~October xx, 2019~~

October xx, 2020

Issued by:

Susan L. Fleck
President

Effective: ~~November 1, 2019~~

November 1, 2020

Title:

Issued in compliance with NHPUC Order No. xx,xxx dated xxxx xx, 2020 in Docket DG 20-xxx.
~~Issued in compliance with NHPUC Order No. 26,306 dated October 31, 2019 in Docket DG 19-145~~

Liberty Utilities (EnergyNorth Natural Gas) Corp.

1
 2 Off Peak 2021 Summer Cost of Gas Filing
 3 Annual Bill Comparisons, May 20 - Oct 20 vs May 21 - Oct 21 - Residential Heating Rate R-3

4
 5
 6 November 1, 2020 - April 30, 2021
 7 Residential Heating (R3)

		Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	Winter Nov-Apr
10 Typical Usage (Therms)		62	110	123	148	132	92	667
11	7/1/2020 - Current							
12 Winter:								
13 Cust. Chg	\$ 15.50	\$ 15.50	\$ 15.50	\$ 15.50	\$ 15.50	\$ 15.50	\$ 15.50	\$ 93.00
14 Headblock	\$ 0.5678	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15 Tailblock	\$ 0.5678	\$ 35.20	\$ 62.46	\$ 69.84	\$ 84.03	\$ 74.95	\$ 52.24	\$ 378.72
16 HB Threshold	-							
17								
18 Summer:	7/1/2020 - Current							
19 Cust. Chg	\$ 15.50							
20 Headblock	\$ 0.5678							
21 Tailblock	\$ 0.5678							
22 HB Threshold	-							
23								
24 Total Base Rate Amount		\$ 50.70	\$ 77.96	\$ 85.34	\$ 99.53	\$ 90.45	\$ 67.74	\$ 471.72
25								
26 COG Rate - (Seasonal)		\$ 0.5571	\$ 0.5571	\$ 0.5571	\$ 0.5571	\$ 0.5571	\$ 0.5571	\$ 0.5571
27 COG amount		\$ 34.54	\$ 61.28	\$ 68.52	\$ 82.45	\$ 73.54	\$ 51.25	\$ 371.59
28								
29 LDAC		\$ 0.0589	\$ 0.0589	\$ 0.0589	\$ 0.0589	\$ 0.0589	\$ 0.0589	\$ 0.0589
30 LDAC amount		\$ 3.65	\$ 6.48	\$ 7.24	\$ 8.72	\$ 7.78	\$ 5.42	\$ 39.29
31								
32 Total Bill		\$ 88.90	\$ 145.72	\$ 161.11	\$ 190.70	\$ 171.76	\$ 124.41	\$ 882.60

34 November 1, 2019 - April 30, 2020
 35 Residential Heating (R3)

		Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	Winter Nov-Apr
37 Typical Usage (Therms)		62	110	123	148	132	92	667
38								
39	7/1/19 - 6/30/20							
40 Winter:								
41 Cust. Chg	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 91.20
42 Headblock	\$ 0.5569	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
43 Tailblock	\$ 0.5569	\$ 34.53	\$ 61.26	\$ 68.50	\$ 82.42	\$ 73.51	\$ 51.23	\$ 371.45
44 HB Threshold	-	\$ 34.53						
45								
46 Summer:	7/1/19 - 6/30/20							
47 Cust. Chg	\$ 15.20	\$ 15.20						
48 Headblock	\$ 0.5569	\$ 0.5678						
49 Tailblock	\$ 0.5569	\$ 0.5678						
50 HB Threshold	-							
51								
52 Total Base Rate Amount		\$ 49.73	\$ 76.46	\$ 83.70	\$ 97.62	\$ 88.71	\$ 66.43	\$ 462.65
53								
54 COG Rate - (Seasonal)		\$ 0.6203	\$ 0.6203	\$ 0.5653	\$ 0.4184	\$ 0.3499	\$ 0.2679	\$ 0.4632
55 COG amount		\$ 38.46	\$ 68.23	\$ 69.53	\$ 61.92	\$ 46.19	\$ 24.65	\$ 308.98
56								
57 LDAC		\$ 0.0310	\$ 0.0310	\$ 0.0310	\$ 0.0310	\$ 0.0310	\$ 0.0310	\$ 0.0310
58 LDAC amount		\$ 1.92	\$ 3.41	\$ 3.81	\$ 4.59	\$ 4.09	\$ 2.85	\$ 20.68
59								
60 Total Bill		\$ 90.11	\$ 148.10	\$ 157.04	\$ 164.13	\$ 138.99	\$ 93.93	\$ 792.31

62 DIFFERENCE:

63 Total Bill		\$ (1.21)	\$ (2.38)	\$ 4.06	\$ 26.57	\$ 32.77	\$ 30.48	\$ 90.29
64 % Change		-1.35%	-1.61%	2.59%	16.19%	23.58%	32.44%	11.40%
65								
66 Base Rate		\$ 0.98	\$ 1.50	\$ 1.64	\$ 1.91	\$ 1.74	\$ 1.30	\$ 9.07
67 % Change		1.96%	1.96%	1.96%	1.96%	1.96%	1.96%	1.96%
68								
69 COG & LDAC		\$ (2.19)	\$ (3.88)	\$ 2.42	\$ 24.66	\$ 31.03	\$ 29.17	\$ 81.22
70 % Change		-5.42%	-5.42%	3.30%	37.07%	61.72%	106.09%	24.64%
check		\$ (0.00)	\$ (0.00)	\$ (0.00)	\$ -	\$ -	\$ -	\$ -

May 1, 2021 - October 31, 2021

	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Summer May-Oct	Total Nov-Oct
	51	28	16	14	14	21	144	811
\$	15.50	15.50	15.50	15.50	15.50	15.50	93.00	186.00
\$	-	-	-	-	-	-	-	-
\$	28.96	15.90	9.08	7.95	7.95	11.92	81.76	460.49
\$	44.46	31.40	24.58	23.45	23.45	27.42	174.76	646.49
\$	0.3148	0.3148	0.3148	0.3148	0.3148	0.3148	0.3148	0.5141
\$	16.05	8.81	5.04	4.41	4.41	6.61	45.33	416.92
\$	0.0589	0.0589	0.0589	0.0589	0.0589	0.0589	0.0589	0.0589
\$	3.00	1.65	0.94	0.82	0.82	1.24	8.48	47.77
\$	63.52	41.86	30.56	28.68	28.68	35.27	228.58	1,111.17

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	144	811
\$	15.20	15.20	15.50	15.50	15.50	15.50	92.40	183.60
\$	-	-	-	-	-	-	-	-
\$	28.40	15.59	9.08	7.95	7.95	11.92	80.90	452.35
\$	43.60	30.79	24.58	23.45	23.45	27.42	173.30	635.95
\$	0.2550	0.2550	0.3715	0.4757	0.4757	0.4757	0.3430	0.4419
\$	13.01	7.14	5.94	6.66	6.66	9.99	49.40	358.38
\$	0.0310	0.0310	0.0310	0.0310	0.0310	0.0310	0.0310	0.0310
\$	1.58	0.87	0.50	0.43	0.43	0.65	4.46	25.14
\$	58.19	38.80	31.02	30.54	30.54	38.06	227.16	1,019.47

\$	5.33	3.06	(0.46)	(1.86)	(1.86)	(2.79)	1.41	91.70
\$	9.16%	7.89%	-1.49%	-6.10%	-6.10%	-7.34%	0.62%	8.99%
\$	0.86	0.61	-	-	-	-	1.46	10.53
\$	1.96%	1.97%	0.00%	0.00%	0.00%	0.00%	0.84%	1.66%
\$	4.47	2.46	(0.46)	(1.86)	(1.86)	(2.79)	(0.05)	81.17
\$	30.66%	30.66%	-7.15%	-26.25%	-26.25%	-26.25%	-0.09%	21.16%
\$	0.00	-	(0.00)	0.00	0.00	0.00	(0.00)	(0.00)

Liberty Utilities (EnergyNorth Natural Gas) Corp.

1
 2 Off Peak 2021 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, 2020 - April 30, 2021
 7 Commercial Rate (G-41)

	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	Winter Nov-Apr
10 Typical Usage (Therms)	89	277	504	457	331	297	1,955
11							
12 Winter:							
13 Cust. Chg	\$ 57.46	\$ 57.46	\$ 57.46	\$ 57.46	\$ 57.46	\$ 57.46	\$ 344.76
14 Headblock	\$ 0.4711	\$ 41.93	\$ 47.11	\$ 47.11	\$ 47.11	\$ 47.11	\$ 277.48
15 Tailblock	\$ 0.3165	\$ -	\$ 56.02	\$ 127.87	\$ 112.99	\$ 73.11	\$ 432.34
16 HB Threshold	100	\$41.93	\$47.11	\$47.11	\$47.11	\$47.11	
17							
18 Summer:							
19 Cust. Chg	\$ 57.46						
20 Headblock	\$ 0.4711						
21 Tailblock	\$ 0.3165						
22 HB Threshold	20						
23							
24 Total Base Rate Amount	\$ 99.39	\$ 160.59	\$ 232.44	\$ 217.56	\$ 177.68	\$ 166.92	\$ 1,054.58
25							
26 COG Rate - (Seasonal)	\$ 0.5552	\$ 0.5552	\$ 0.5552	\$ 0.5552	\$ 0.5552	\$ 0.5552	\$ 0.5552
27 COG amount	\$ 49.41	\$ 153.79	\$ 279.82	\$ 253.73	\$ 183.77	\$ 164.89	\$ 1,085.42
28							
29 LDAC	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555
30 LDAC amount	\$ 4.94	\$ 15.37	\$ 27.96	\$ 25.35	\$ 18.36	\$ 16.47	\$ 108.44
31							
32 Total Bill	\$ 153.74	\$ 329.75	\$ 540.21	\$ 496.64	\$ 379.81	\$ 348.29	\$ 2,248.44
33							

34 November 1, 2019 - April 30, 2020
 35 Commercial Rate (G-41)

	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	Winter Nov-Apr
38 Typical Usage (Therms)	89	277	504	457	331	297	1,955
39							
40 Winter:							
41 Cust. Chg	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 338.16
42 Headblock	\$ 0.4621	\$ 41.13	\$ 46.21	\$ 46.21	\$ 46.21	\$ 46.21	\$ 272.18
43 Tailblock	\$ 0.3104	\$ -	\$ 54.94	\$ 125.40	\$ 110.81	\$ 71.70	\$ 424.01
44 HB Threshold	100	100					
45							
46 Summer:							
47 Cust. Chg	\$ 56.36	\$ 57.46					
48 Headblock	\$ 0.4621	\$ 0.4711					
49 Tailblock	\$ 0.3104	\$ 0.3165					
50 HB Threshold	20	20					
51							
52 Total Base Rate Amount	\$ 97.49	\$ 157.51	\$ 227.97	\$ 213.38	\$ 174.27	\$ 163.72	\$ 1,034.34
53							
54 COG Rate - (Seasonal)	\$ 0.6190	\$ 0.6190	\$ 0.5640	\$ 0.4171	\$ 0.3486	\$ 0.2666	\$ 0.4583
55 COG amount	\$ 55.09	\$ 171.46	\$ 284.26	\$ 190.61	\$ 115.39	\$ 79.18	\$ 895.99
56							
57 LDAC	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478
58 LDAC amount	\$ 4.25	\$ 13.24	\$ 24.09	\$ 21.84	\$ 15.82	\$ 14.20	\$ 93.45
59							
60 Total Bill	\$ 156.83	\$ 342.21	\$ 536.32	\$ 425.84	\$ 305.48	\$ 257.10	\$ 2,023.78
61							

62 DIFFERENCE:

63 Total Bill	\$ (3.09)	\$ (12.47)	\$ 3.90	\$ 70.79	\$ 74.33	\$ 91.19	\$ 224.65
64 % Change	-1.97%	-3.64%	0.73%	16.62%	24.33%	35.47%	11.10%
65							
66 Base Rate	\$ 1.90	\$ 3.08	\$ 4.46	\$ 4.18	\$ 3.41	\$ 3.20	\$ 20.23
67 % Change	1.95%	1.96%	1.96%	1.96%	1.96%	1.96%	1.96%
68							
69 COG & LDAC	\$ (5.00)	\$ (15.55)	\$ (0.57)	\$ 66.62	\$ 70.92	\$ 87.99	\$ 204.42
70 % Change	-8.42%	-8.42%	-0.18%	31.36%	54.05%	94.23%	20.66%
check	\$ -	\$ (0.00)	\$ (0.00)	\$ -	\$ -	\$ -	\$ -

May 1, 2021 - October 31, 2021

	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Summer May-Oct	Total Nov-Oct
	153	39	26	34	25	29	306	2,261
\$	57.46	57.46	57.46	57.46	57.46	57.46	344.76	689.52
\$	9.42	9.42	9.42	9.42	9.42	9.42	56.53	334.01
\$	42.09	6.01	1.90	4.43	1.58	2.85	58.87	491.21
\$	108.98	72.90	68.78	71.31	68.46	69.73	460.16	1,514.74
\$	0.3109	0.3109	0.3109	0.3109	0.3109	0.3109	0.3109	0.5221
\$	47.57	12.13	8.08	10.57	7.77	9.02	95.14	1,180.55
\$	0.0555	0.0555	0.0555	0.0555	0.0555	0.0555	0.0555	0.0555
\$	8.49	2.16	1.44	1.89	1.39	1.61	16.97	125.42
\$	165.03	87.18	78.31	83.77	77.62	80.36	572.27	2,820.71

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	2,261
\$	56.36	56.36	57.46	57.46	57.46	57.46	342.56	680.72
\$	9.24	9.24	9.42	9.42	9.42	9.42	56.17	328.35
\$	41.28	5.90	1.90	4.43	1.58	2.85	57.94	481.95
\$	106.89	71.50	68.78	71.31	68.46	69.73	456.67	1,491.02
\$	0.2504	0.2504	0.3669	0.4711	0.4711	0.4711	0.3238	0.4401
\$	38.31	9.77	9.54	16.02	11.78	13.66	99.07	995.06
\$	0.0478	0.0478	0.0478	0.0478	0.0478	0.0478	0.0478	0.0478
\$	7.31	1.86	1.24	1.63	1.20	1.39	14.63	108.08
\$	152.51	83.13	79.56	88.96	81.44	84.78	570.37	2,594.16

\$	12.52	4.05	(1.26)	(5.19)	(3.81)	(4.42)	1.90	226.55
\$	8.21%	4.88%	-1.58%	-5.83%	-4.68%	-5.22%	0.33%	8.73%
\$	2.09	1.40	-	-	-	-	3.49	23.72
\$	1.96%	1.95%	0.00%	0.00%	0.00%	0.00%	0.76%	1.59%
\$	10.43	2.66	(1.26)	(5.19)	(3.81)	(4.42)	(1.59)	202.83
\$	22.86%	22.86%	-11.65%	-29.39%	-29.39%	-29.39%	-1.40%	18.39%
\$	(0.00)	(0.00)	0.00	0.00	0.00	0.00	0.00	-

Liberty Utilities (EnergyNorth Natural Gas) Corp.

1
 2 Off Peak 2021 Summer Cost of Gas Filing
 4 Annual Bill Comparisons, May 19 - Oct 19 vs May 20 - Oct 20 - Commercial Rate G-42
 5
 6

Revised Schedule B
 Page 3 of 5

7 November 1, 2020 - April 30, 2021
 8 C&I High Winter Use Medium G-42

May 1, 2021 - October 31, 2021

	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	Winter Nov-Apr
11 Typical Usage (Therms)	830	2,189	3,708	3,406	2,603	2,395	15,131
12							
13 Winter:	7/1/2020 - Current						
14 Cust. Chg	\$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 1,034.34
15 Headblock	\$ 0.4284	\$ 355.57	\$ 428.40	\$ 428.40	\$ 428.40	\$ 428.40	\$ 2,497.57
16 Tailblock	\$ 0.2855	\$ -	\$ 339.46	\$ 773.13	\$ 686.91	\$ 457.66	\$ 2,655.44
17 HB Threshold	1,000						
18							
19 Summer:	7/1/2020 - Current						
20 Cust. Chg	\$ 172.39						
21 Headblock	\$ 0.4284						
22 Tailblock	\$ 0.2855						
23 HB Threshold	400						
24							
25 Total Base Rate Amount	\$ 527.96	\$ 940.25	\$ 1,373.92	\$ 1,287.70	\$ 1,058.45	\$ 999.06	\$ 6,187.35
26							
27 COG Rate - (Seasonal)	\$ 0.5552	\$ 0.5552	\$ 0.5552	\$ 0.5552	\$ 0.5552	\$ 0.5552	\$ 0.5552
28 COG amount	\$ 460.82	\$ 1,215.33	\$ 2,058.68	\$ 1,891.01	\$ 1,445.19	\$ 1,329.70	\$ 8,400.73
29							
30 LDAC	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555
31 LDAC amount	\$ 46.04	\$ 121.42	\$ 205.68	\$ 188.93	\$ 144.39	\$ 132.85	\$ 839.32
32							
33 Total Bill	\$ 1,034.82	\$ 2,277.01	\$ 3,638.29	\$ 3,367.65	\$ 2,648.02	\$ 2,461.62	\$ 15,427.40

	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Summer May-Oct	Total Nov-Oct
	1,319	484	285	247	269	340	2,944	18,075
	\$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 1,034.34	\$ 2,068.68
	\$ 171.36	\$ 171.36	\$ 122.09	\$ 105.81	\$ 115.24	\$ 145.66	\$ 831.52	\$ 3,329.10
	\$ 262.37	\$ 23.98	\$ -	\$ -	\$ -	\$ -	\$ 286.36	\$ 2,941.79
	\$ 606.12	\$ 367.73	\$ 294.48	\$ 278.20	\$ 287.63	\$ 318.05	\$ 2,152.22	\$ 8,339.57
	\$ 0.3109	\$ 0.3109	\$ 0.3109	\$ 0.3109	\$ 0.3109	\$ 0.3109	\$ 0.3109	\$ 0.5154
	\$ 410.08	\$ 150.48	\$ 88.61	\$ 76.79	\$ 83.63	\$ 105.71	\$ 915.29	\$ 9,316.02
	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555
	\$ 73.17	\$ 26.85	\$ 15.81	\$ 13.70	\$ 14.92	\$ 18.86	\$ 163.30	\$ 1,002.63
	\$ 1,089.37	\$ 545.06	\$ 398.90	\$ 368.70	\$ 386.18	\$ 442.61	\$ 3,230.82	\$ 18,658.22

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

May 1, 2020 - October 31, 2020

	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	Winter Nov-Apr
37 Typical Usage (Therms)	830	2,189	3,708	3,406	2,603	2,395	15,131
38							
39 Winter:	7/1/19 - 6/30/20		7/1/2020 - Current				
40							
41 Cust. Chg	\$ 169.09	\$ 172.39	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 1,014.54
42 Headblock	\$ 0.4202	\$ 348.77	\$ 420.20	\$ 420.20	\$ 420.20	\$ 420.20	\$ 2,449.77
43 Tailblock	\$ 0.2800	\$ 0.2855	\$ 332.92	\$ 758.24	\$ 673.68	\$ 448.84	\$ 2,604.28
44 HB Threshold	1,000	1,000					
45							
46							
47 Summer:	7/1/19 - 6/30/20		7/1/2020 - Current				
48 Cust. Chg	\$ 169.09	\$ 172.39					
49 Headblock	\$ 0.4202	\$ 0.4284					
50 Tailblock	\$ 0.2800	\$ 0.2855					
51 HB Threshold	400	400					
52							
53 Total Base Rate Amount	\$ 517.86	\$ 922.21	\$ 1,347.53	\$ 1,262.97	\$ 1,038.13	\$ 979.89	\$ 6,068.59
54							
55 COG Rate - (Seasonal)	\$ 0.6190	\$ 0.6190	\$ 0.5640	\$ 0.4171	\$ 0.3486	\$ 0.2666	\$ 0.4578
56 COG amount	\$ 513.77	\$ 1,354.99	\$ 2,091.31	\$ 1,420.64	\$ 907.41	\$ 638.51	\$ 6,926.63
57							
58 LDAC	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478
59 LDAC amount	\$ 39.67	\$ 104.63	\$ 177.24	\$ 162.81	\$ 124.42	\$ 114.48	\$ 723.26
60							
61 Total Bill	\$ 1,071.30	\$ 2,381.84	\$ 3,616.08	\$ 2,846.42	\$ 2,069.96	\$ 1,732.88	\$ 13,718.48

	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	2,944	18,075
	\$ 169.09	\$ 169.09	\$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 1,027.74	\$ 2,042.28
	\$ 168.08	\$ 168.08	\$ 122.09	\$ 105.81	\$ 115.24	\$ 145.66	\$ 824.96	\$ 3,274.73
	\$ 257.32	\$ 23.52	\$ -	\$ -	\$ -	\$ -	\$ 280.84	\$ 2,885.12
	\$ 594.49	\$ 360.69	\$ 294.48	\$ 278.20	\$ 287.63	\$ 318.05	\$ 2,133.54	\$ 8,202.13
	\$ 0.2504	\$ 0.2504	\$ 0.3669	\$ 0.4711	\$ 0.4711	\$ 0.4711	\$ 0.3258	\$ 0.4363
	\$ 330.28	\$ 121.19	\$ 104.57	\$ 116.36	\$ 126.73	\$ 160.17	\$ 959.30	\$ 7,885.93
	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478
	\$ 63.05	\$ 23.14	\$ 13.62	\$ 11.81	\$ 12.86	\$ 16.25	\$ 140.72	\$ 863.99
	\$ 987.82	\$ 505.02	\$ 412.67	\$ 406.37	\$ 427.21	\$ 494.47	\$ 3,233.57	\$ 16,952.04

63 DIFFERENCE:

64 Total Bill	\$ (36.48)	\$ (104.83)	\$ 22.21	\$ 521.23	\$ 578.06	\$ 728.74	\$ 1,708.92
65 % Change	-3.41%	-4.40%	0.61%	18.31%	27.93%	42.05%	12.46%
66							
67 Base Rate	\$ 10.11	\$ 18.04	\$ 26.39	\$ 24.73	\$ 20.32	\$ 19.17	\$ 118.76
68 % Change	1.96%	1.96%	1.96%	1.96%	1.96%	1.96%	1.96%
69							
70 COG & LDAC	\$ (46.59)	\$ (122.87)	\$ (4.19)	\$ 496.49	\$ 557.75	\$ 709.57	\$ 1,590.16
71 % Change	-8.42%	-8.42%	-0.18%	31.36%	54.05%	94.23%	20.79%
check	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

	\$ 101.55	\$ 40.04	\$ (13.77)	\$ (37.67)	\$ (41.03)	\$ (51.86)	\$ (2.75)	\$ 1,706.17
	10.28%	7.93%	-3.34%	-9.27%	-9.60%	-10.49%	-0.09%	10.06%
	\$ 11.63	\$ 7.04	\$ -	\$ -	\$ -	\$ -	\$ 18.68	\$ 137.44
	1.96%	1.95%	0.00%	0.00%	0.00%	0.00%	0.88%	1.68%
	\$ 89.92	\$ 32.99	\$ (13.77)	\$ (37.67)	\$ (41.03)	\$ (51.86)	\$ (21.43)	\$ 1,568.74
	22.86%	22.86%	-11.65%	-29.39%	-29.39%	-29.39%	-1.95%	17.93%
	\$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 2021 Summer Cost of Gas Filing
 4 Annual Bill Comparisons, May 19 - Oct 19 vs May 20 - Oct 20 - Commercial Rate G-52

7 November 1, 2020 - April 30, 2021
 8 Commercial Rate (G-52)

	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	Winter Nov-Apr
9 Typical Usage (Therms)	1,352	1,866	2,284	2,160	1,886	1,760	11,308
10							
11							
12							
13 Winter: 7/1/2020 - Current							
14 Cust. Chg \$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 1,034.34
15 Headblock \$ 0.2439	\$ 243.90	\$ 243.90	\$ 243.90	\$ 243.90	\$ 243.90	\$ 243.90	\$ 1,463.40
16 Tailblock \$ 0.1624	\$ 57.16	\$ 140.64	\$ 208.52	\$ 188.38	\$ 143.89	\$ 123.42	\$ 862.02
17 HB Threshold 1,000							
18							
19 Summer: 7/1/2020 - Current							
20 Cust. Chg \$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 1,034.34
21 Headblock \$ 0.1767	\$ 176.70	\$ 176.70	\$ 176.70	\$ 176.70	\$ 176.70	\$ 176.70	\$ 1,042.00
22 Tailblock \$ 0.1004	\$ 100.40	\$ 100.40	\$ 100.40	\$ 100.40	\$ 100.40	\$ 100.40	\$ 602.40
23 HB Threshold 1,000							
24							
25 Total Base Rate Amount	\$ 473.45	\$ 556.93	\$ 624.81	\$ 604.67	\$ 560.18	\$ 539.71	\$ 3,359.76
26							
27 COG Rate - (Seasonal)	\$ 0.5660	\$ 0.5660	\$ 0.5660	\$ 0.5660	\$ 0.5660	\$ 0.5660	\$ 0.5660
28 COG amount	\$ 765.23	\$ 1,056.16	\$ 1,292.74	\$ 1,222.56	\$ 1,067.48	\$ 996.16	\$ 6,400.33
29							
30 LDAC	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555
31 LDAC amount	\$ 75.00	\$ 103.51	\$ 126.69	\$ 119.82	\$ 104.62	\$ 97.63	\$ 627.26
32							
33 Total Bill	\$ 1,313.68	\$ 1,716.59	\$ 2,044.25	\$ 1,947.05	\$ 1,732.27	\$ 1,633.50	\$ 10,387.35
34							

35 November 1, 2019 - April 30, 2020
 36 Commercial Rate (G-52)

	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	Winter Nov-Apr
37 Typical Usage (Therms)	1,352	1,866	2,284	2,160	1,886	1,760	11,308
38							
39							
40							
41 Winter: 7/1/19 - 6/30/20 7/1/2020 - Current							
42 Cust. Chg \$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 1,014.54
43 Headblock \$ 0.2392	\$ 239.20	\$ 239.20	\$ 239.20	\$ 239.20	\$ 239.20	\$ 239.20	\$ 1,435.20
44 Tailblock \$ 0.1593	\$ 56.07	\$ 137.95	\$ 204.54	\$ 184.79	\$ 141.14	\$ 121.07	\$ 845.56
45 HB Threshold 1,000							
46							
47 Summer: 7/1/19 - 6/30/20 7/1/2020 - Current							
48 Cust. Chg \$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 1,014.54
49 Headblock \$ 0.1733	\$ 173.30	\$ 173.30	\$ 173.30	\$ 173.30	\$ 173.30	\$ 173.30	\$ 1,035.20
50 Tailblock \$ 0.0985	\$ 98.50	\$ 98.50	\$ 98.50	\$ 98.50	\$ 98.50	\$ 98.50	\$ 591.00
51 HB Threshold 1,000							
52							
53 Total Base Rate Amount	\$ 464.36	\$ 546.24	\$ 612.83	\$ 593.08	\$ 549.43	\$ 529.36	\$ 3,295.30
54							
55 COG Rate - (Seasonal)	\$ 0.6258	\$ 0.6258	\$ 0.5708	\$ 0.4239	\$ 0.3554	\$ 0.2734	\$ 0.4762
56 COG amount	\$ 846.08	\$ 1,167.74	\$ 1,303.71	\$ 915.62	\$ 670.28	\$ 481.18	\$ 5,384.62
57							
58 LDAC	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478
59 LDAC amount	\$ 64.63	\$ 89.19	\$ 109.18	\$ 103.25	\$ 90.15	\$ 84.13	\$ 540.52
60							
61 Total Bill	\$ 1,375.07	\$ 1,803.18	\$ 2,025.71	\$ 1,611.95	\$ 1,309.87	\$ 1,094.67	\$ 9,220.45
62							

63 DIFFERENCE:							
64 Total Bill	\$ (61.39)	\$ (86.59)	\$ 18.54	\$ 335.10	\$ 422.40	\$ 538.83	\$ 1,166.90
65 % Change	-4.46%	-4.80%	0.92%	20.79%	32.25%	49.22%	12.66%
66							
67 Base Rate	\$ 9.09	\$ 10.68	\$ 11.98	\$ 11.60	\$ 10.75	\$ 10.36	\$ 64.45
68 % Change	1.96%	1.96%	1.95%	1.96%	1.96%	1.96%	1.96%
69							
70 COG & LDAC	\$ (70.48)	\$ (97.27)	\$ 6.56	\$ 323.50	\$ 411.66	\$ 528.48	\$ 1,102.44
71 % Change	-7.74%	-7.74%	0.46%	31.75%	54.13%	93.48%	18.61%
check	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (0.00)

May 1, 2021 - October 31, 2021

	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Summer May-Oct	Total Nov-Oct
1,497	1,128	1,032	1,025	1,050	897	6,629	17,937	
\$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 1,034.34	\$ 2,068.68	
\$ 176.70	\$ 176.70	\$ 176.70	\$ 176.70	\$ 176.70	\$ 158.50	\$ 1,042.00	\$ 2,505.40	
\$ 49.90	\$ 12.85	\$ 3.21	\$ 2.51	\$ 5.02	\$ -	\$ 73.49	\$ 935.51	
\$ 398.99	\$ 361.94	\$ 352.30	\$ 351.60	\$ 354.11	\$ 330.89	\$ 2,149.83	\$ 5,509.59	
\$ 0.3199	\$ 0.3199	\$ 0.3199	\$ 0.3199	\$ 0.3199	\$ 0.3199	\$ 0.3199	\$ 0.4750	
\$ 478.89	\$ 360.85	\$ 330.14	\$ 327.90	\$ 335.90	\$ 286.95	\$ 2,120.62	\$ 8,520.95	
\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555	\$ 0.0555	
\$ 83.04	\$ 62.57	\$ 57.25	\$ 56.86	\$ 58.24	\$ 49.76	\$ 367.71	\$ 994.97	
\$ 960.92	\$ 785.36	\$ 739.69	\$ 736.35	\$ 748.25	\$ 667.60	\$ 4,638.16	\$ 15,025.51	

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	6,629	17,937	
\$ 169.09	\$ 169.09	\$ 172.39	\$ 172.39	\$ 172.39	\$ 172.39	\$ 1,027.74	\$ 2,042.28	
\$ 173.30	\$ 173.30	\$ 176.70	\$ 176.70	\$ 176.70	\$ 158.50	\$ 1,035.20	\$ 2,470.40	
\$ 48.95	\$ 12.61	\$ 3.21	\$ 2.51	\$ 5.02	\$ -	\$ 72.31	\$ 917.87	
\$ 391.34	\$ 355.00	\$ 352.30	\$ 351.60	\$ 354.11	\$ 330.89	\$ 2,135.25	\$ 5,430.55	
\$ 0.2621	\$ 0.2621	\$ 0.3786	\$ 0.4828	\$ 0.4828	\$ 0.4828	\$ 0.3792	\$ 0.4403	
\$ 392.36	\$ 295.65	\$ 390.72	\$ 494.87	\$ 506.94	\$ 433.07	\$ 2,513.61	\$ 7,898.23	
\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	\$ 0.0478	
\$ 71.56	\$ 53.92	\$ 49.33	\$ 49.00	\$ 50.19	\$ 42.88	\$ 316.87	\$ 857.39	
\$ 855.26	\$ 704.57	\$ 792.35	\$ 895.47	\$ 911.24	\$ 806.84	\$ 4,965.72	\$ 14,186.17	

\$ 105.65	\$ 80.79	\$ (52.66)	\$ (159.11)	\$ (162.99)	\$ (139.24)	\$ (327.56)	\$ 839.34
12.35%	11.47%	-6.65%	-17.77%	-17.89%	-17.26%	-6.60%	5.92%
\$ 7.64	\$ 6.94	\$ -	\$ -	\$ -	\$ -	\$ 14.59	\$ 79.04
1.95%	1.96%	0.00%	0.00%	0.00%	0.00%	0.68%	1.46%
\$ 98.01	\$ 73.85	\$ (52.66)	\$ (159.11)	\$ (162.99)	\$ (139.24)	\$ (342.15)	\$ 760.30
21.13%	21.13%	-11.97%	-29.26%	-29.26%	-29.26%	-12.09%	8.68%
\$ -	\$ -	\$ 0.00	\$ -	\$ -	\$ -	\$ (0.00)	\$ (0.00)

Liberty Utilities (EnergyNorth Natural Gas) Corp.

Off Peak 2021 Summer Cost of Gas Filing

Residential Heating

	Summer 2019	Summer 2020
Customer Charge	\$ 15.50	\$ 15.50
First 20 Therms	\$ 0.5678	\$ 0.5678
Excess 20 Therms	\$ 0.5678	\$ 0.5678
LDAC	\$ 0.0310	\$ 0.0589
COG	\$ 0.3430	\$ 0.3148
Total Adjust	\$ 0.3740	\$ 0.3737

	Summer 2019 COG @	Summer 2020 Cgg @
	\$ 0.3740	\$ 0.3737
Cooking alone	5 \$ 19.85	\$ 20.21
	10 \$ 24.51	\$ 24.92
	20 \$ 33.82	\$ 34.33
Water Heating alone	30 \$ 43.13	\$ 43.75
	45 \$ 57.09	\$ 57.87
	50 \$ 61.75	\$ 62.58
Heating Alone	80 \$ 85.02	\$ 86.11
	125 \$ 139.02	\$ 140.72
	150 \$ 154.84	\$ 156.73
	200 \$ 201.39	\$ 203.80

Total \$ Impact	% Impact	Base Rate \$ Impact	% Impact	COG \$ Impact	% Impact	LDAC \$ Impact	% Impact
\$ (0.00)	0%						
\$ 0.35	2%	\$ 0.35	2%	\$ (0.14)	-1%	\$ 0.14	1%
\$ 0.41	2%	\$ 0.41	2%	\$ (0.28)	-1%	\$ 0.28	1%
\$ 0.51	2%	\$ 0.52	2%	\$ (0.56)	-2%	\$ 0.56	2%
\$ 0.62	1%	\$ 0.63	1%	\$ (0.85)	-2%	\$ 0.84	2%
\$ 0.78	1%	\$ 0.79	1%	\$ (1.27)	-2%	\$ 1.26	2%
\$ 0.83	1%	\$ 0.84	1%	\$ (1.41)	-2%	\$ 1.40	2%
\$ 1.09	1%	\$ 1.12	1%	\$ (2.12)	-2%	\$ 2.09	2%
\$ 1.70	1%	\$ 1.75	1%	\$ (3.76)	-3%	\$ 3.71	3%
\$ 1.88	1%	\$ 1.94	1%	\$ (4.24)	-3%	\$ 4.19	3%
\$ 2.41	1%	\$ 2.48	1%	\$ (5.65)	-3%	\$ 5.58	3%