

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
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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							
9							
10	62	110	123	148	132	92	666
11	7/1/2019						
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 \$ 0.5569	\$ 34.35	\$ 61.12	\$ 68.38	\$ 82.21	\$ 73.78	\$ 51.15
16	HB Threshold	-	-	-	-	-	-
17	Summer:						
18	Cust. Chg \$ 15.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
19	Headblock \$ 0.5569	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
20	Tailblock \$ 0.5569	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
21	HB Threshold	-	-	-	-	-	-
22	Total Base Rate Amount	\$ 49.55	\$ 76.32	\$ 83.58	\$ 97.41	\$ 88.98	\$ 66.35
23	COG Rate - (Seasonal)	\$ 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
25	LDAC	\$ 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
27	Total Bill	\$ 89.73	\$ 147.79	\$ 163.55	\$ 193.55	\$ 175.25	\$ 126.18
28							\$ 896.05

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							
37							
38	62	110	123	148	132	92	666
39	Winter:						
40	Cust. Chg \$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 15.02	\$ 90.12
41	Headblock \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
42	Tailblock \$ 33.94	\$ 60.38	\$ 67.56	\$ 81.22	\$ 72.89	\$ 50.54	\$ 366.53
43	HB Threshold	-	-	-	-	-	-
44	Summer:						
45	Cust. Chg \$ 15.02	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
46	Headblock \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
47	Tailblock \$ 33.94	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
48	HB Threshold	-	-	-	-	-	-
49	Total Base Rate Amount	\$ 48.96	\$ 75.40	\$ 82.58	\$ 96.24	\$ 87.91	\$ 65.56
50	COG Rate - (Seasonal)	\$ 0.7411	\$ 0.7411	\$ 0.7504	\$ 0.6715	\$ 0.5212	\$ 0.5825
51	COG amount	\$ 45.72	\$ 81.33	\$ 92.14	\$ 99.13	\$ 69.05	\$ 53.51
52	LDAC	\$ 0.0660	\$ 0.0660	\$ 0.0660	\$ 0.0660	\$ 0.0660	\$ 0.0660
53	LDAC amount	\$ 4.07	\$ 7.24	\$ 8.10	\$ 9.74	\$ 8.74	\$ 6.06
54	Total Bill	\$ 98.75	\$ 163.98	\$ 182.82	\$ 205.11	\$ 165.70	\$ 125.13
55							\$ 941.48

62 DIFFERENCE:

63	Total Bill	\$ (9.02)	\$ (16.19)	\$ (19.27)	\$ (11.56)	\$ 9.56	\$ 1.05	\$ (45.43)
64	% Change	-9.13%	-9.87%	-10.54%	-5.64%	5.77%	0.84%	-4.83%
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)	\$ (17.10)	\$ (20.28)	\$ (12.73)	\$ 8.49	\$ 0.25	\$ (50.98)
68	% Change	-19.31%	-19.31%	-20.23%	-11.69%	10.91%	0.43%	-10.51%
69	check	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 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
	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	\$ 0.6323
\$	22.59	\$ 12.38	\$ 8.83	\$ 7.54	\$ 7.64	\$ 11.45	\$ 70.43	\$ 511.30
\$	0.0660	\$ 0.0660	\$ 0.0660	\$ 0.0660	\$ 0.0660	\$ 0.0660	\$ 0.0660	\$ 0.0660
\$	3.35	\$ 1.84	\$ 1.05	\$ 0.90	\$ 0.91	\$ 1.36	\$ 9.40	\$ 53.37
\$	68.93	\$ 44.55	\$ 33.93	\$ 31.20	\$ 31.40	\$ 39.48	\$ 249.50	\$ 1,190.98

\$	(0.88)	\$ (0.40)	\$ (2.20)	\$ (1.88)	\$ (1.91)	\$ (2.86)	\$ (10.13)	\$ (55.56)
\$	-1.27%	\$ -0.90%	\$ -6.49%	\$ -6.03%	\$ -6.07%	\$ -7.23%	\$ -4.06%	\$ -4.67%
\$	0.52	\$ 0.37	\$ -	\$ -	\$ -	\$ -	\$ 0.89	\$ 6.43
\$	1.21%	\$ 1.21%	\$ 0.00%	\$ 0.00%	\$ 0.00%	\$ 0.00%	\$ 0.52%	\$ 1.03%
\$	(1.40)	\$ (0.77)	\$ (2.20)	\$ (1.88)	\$ (1.91)	\$ (2.86)	\$ (11.01)	\$ (61.99)
\$	-5.39%	\$ -5.39%	\$ -22.30%	\$ -22.30%	\$ -22.30%	\$ -22.30%	\$ -13.80%	\$ -10.98%
\$	(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
 3 Annual Bill Comparisons, May 19 - Oct 19 vs May 20 - Oct 20 - Commercial Rate G-41
 4
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6 November 1, 2019 - April 30, 2020
 7 Commercial Rate (G-41)

	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
33							

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)	\$ -

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	\$ 0.5521	\$ 0.5521	\$ 0.5521	\$ 0.5521	\$ 0.4829	\$ 0.6405
\$	67.47	\$ 17.11	\$ 14.51	\$ 18.53	\$ 13.84	\$ 16.13	\$ 147.58	\$ 1,447.17
\$	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	\$ 84.05	\$ 90.88	\$ 82.91	\$ 86.80	\$ 619.79	\$ 3,088.90

\$	(2.11)	\$ 0.00	\$ (3.48)	\$ (4.45)	\$ (3.32)	\$ (3.87)	\$ (17.23)	\$ (149.42)
\$	-1.14%	\$ 0.00%	\$ -4.14%	\$ -4.90%	\$ -4.01%	\$ -4.46%	\$ -2.78%	\$ -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)	\$ (3.48)	\$ (4.45)	\$ (3.32)	\$ (3.87)	\$ (19.37)	\$ (163.92)
\$	-4.28%	\$ -4.28%	\$ -21.12%	\$ -21.12%	\$ -21.12%	\$ -21.12%	\$ -11.35%	\$ -10.13%
\$	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	\$ 348.79	\$ 420.20	\$ 420.20	\$ 420.20	\$ 420.20	\$ 420.20	\$ 2,449.79
16 Tailblock	\$ 0.2800	\$ -	\$ 332.82	\$ 758.10	\$ 673.62	\$ 448.79	\$ 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
37 Typical Usage (Therms)	830	2,189	3,708	3,406	2,603	2,395	15,130
39 Winter:							
40							
41 Cust. Chg	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 167.06	\$ 1,002.36
42 Headblock	\$ 344.64	\$ 415.20	\$ 415.20	\$ 415.20	\$ 415.20	\$ 415.20	\$ 2,420.64
43 Tailblock	\$ -	\$ 328.78	\$ 748.90	\$ 665.44	\$ 443.34	\$ 385.83	\$ 2,572.28
44 HB Threshold							
45							
46 Summer:							
47 Cust. Chg							
48 Headblock							
49 Tailblock							
50 HB Threshold							
51							
52 Total Base Rate Amount	\$ 511.70	\$ 911.04	\$ 1,331.16	\$ 1,247.70	\$ 1,025.60	\$ 968.09	\$ 5,995.28
53							
54 COG Rate - (Seasonal)	\$ 0.7403	\$ 0.7403	\$ 0.7496	\$ 0.6707	\$ 0.5204	\$ 0.5817	\$ 0.6640
55 COG amount	\$ 614.49	\$ 1,620.25	\$ 2,779.15	\$ 2,284.26	\$ 1,354.50	\$ 1,393.11	\$ 10,045.76
56							
57 LDAC	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757	\$ 0.0757
58 LDAC amount	\$ 62.84	\$ 165.68	\$ 280.66	\$ 257.82	\$ 197.03	\$ 181.29	\$ 1,145.32
59							
60 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%	1.04%
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	\$ 0.5521	\$ 0.5521	\$ 0.5521	\$ 0.5521	\$ 0.4845	\$ 0.6347
\$	582.61	\$ 213.82	\$ 157.12	\$ 136.14	\$ 148.28	\$ 187.93	\$ 1,425.90	\$ 11,471.66
\$	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	\$ 467.34	\$ 427.50	\$ 450.56	\$ 525.81	\$ 3,747.88	\$ 20,934.25

\$	(22.09)	\$ (6.42)	\$ (37.73)	\$ (32.69)	\$ (35.61)	\$ (45.12)	\$ (179.65)	\$ (1,208.84)
\$	-1.74%	-1.06%	-8.07%	-7.65%	-7.90%	-8.58%	-4.79%	-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)	\$ (37.73)	\$ (32.69)	\$ (35.61)	\$ (45.12)	\$ (191.12)	\$ (1,293.26)
\$	-4.28%	-4.28%	-21.12%	-21.12%	-21.12%	-21.12%	-11.59%	-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)

Second 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							
13 Winter:							
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

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

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.

1

2 Off Peak 2020 Summer Cost of Gas Filing

3 Residential Heating

	Summer 2019	Summer 2020
4		
5 Customer Charge	\$ 15.20	\$ 15.20
6 First 20 Therms	\$ 0.5569	\$ 0.5569
7 Excess 20 Therms	\$ 0.5569	\$ 0.5569
8 LDAC	\$ 0.0660	\$ 0.0310
9 COG	\$ 0.4943	\$ 0.4520
10 Total Adjust	\$ 0.5603	\$ 0.4830

11

12

13

14

	Summer 2019 COG @	Summer 2020 Cog @
15		
16	\$ 0.5603	\$ 0.4830
17		
18 Cooking alone	5 \$ 2.80	\$ 20.40
19		
20	10 \$ 5.60	\$ 25.60
21		
22	20 \$ 11.21	\$ 36.00
23		
24 Water Heating alone	30 \$ 16.81	\$ 46.40
25		
26	45 \$ 25.21	\$ 61.99
27		
28	50 \$ 28.01	\$ 67.19
29		
30 Heating Alone	80 \$ 42.02	\$ 93.19
31		
32	125 \$ 74.51	\$ 153.50
33		
34	150 \$ 84.04	\$ 171.18
35		
36	200 \$ 112.05	\$ 223.17
37		

Total	Base Rate		COG		LDAC		
\$ Impact	% Impact	\$ Impact	% Impact	\$ Impact	% Impact	\$ Impact	% Impact
\$ (0.08)	-14%						
\$ 17.60	628%	\$ 17.98	642%	\$ (0.21)	-1%	\$ (0.18)	-6%
\$ 20.00	357%	\$ 20.77	371%	\$ (0.42)	-2%	\$ (0.35)	-6%
\$ 24.79	221%	\$ 26.34	235%	\$ (0.85)	-2%	\$ (0.70)	-6%
\$ 29.59	176%	\$ 31.91	190%	\$ (1.27)	-3%	\$ (1.05)	-6%
\$ 36.78	146%	\$ 40.26	160%	\$ (1.90)	-3%	\$ (1.58)	-6%
\$ 39.18	140%	\$ 43.05	154%	\$ (2.11)	-3%	\$ (1.75)	-6%
\$ 51.17	122%	\$ 56.97	136%	\$ (3.17)	-3%	\$ (2.63)	-6%
\$ 78.99	106%	\$ 89.27	120%	\$ (5.62)	-4%	\$ (4.66)	-6%
\$ 87.14	104%	\$ 98.74	117%	\$ (6.34)	-4%	\$ (5.25)	-6%
\$ 111.12	99%	\$ 126.58	113%	\$ (8.45)	-4%	\$ (7.01)	-6%