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January 19, 2023

## Via Electronic Mail Only

Daniel Goldner, Chairman New Hampshire Public Utilities Commission 21 South Fruit Street, Suite 10 Concord, New Hampshire 03301-2429

## Re: Docket No. DG 20-105; Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Compliance Tariff

Dear Chairman Goldner:

On July 27, 2022, the Commission issued Order No. 26,654 approving Liberty's June 1, 2022, recoupment proposal and associated distribution rate change request related to its first step adjustment for effect on August 1, 2022. On August 16, 2022, Liberty filed the following clean and redlined tariff pages reflecting the approved rates outlined in the above-referenced order.

- First Revised Page i, iii, 2, 33, 34, 47, 49, 51, 53, 55, 57, 59, 61, 63, 65, 67, 69, 71, 75, 77, 79, 81, 83, and 85
- Twenty-seventh Revised Page 1
- Twenty-fifth Revised Page 3
- Twenty-fourth Revised Page 4
- Second Revised Page 42 and 73
- Third Revised Page 43
- Fourteenth Revised Page 87 and 89
- Fifteenth Revised Page 88
- Sixth Revised Page 101

The Tariff Administrator of the New Hampshire Public Utilities Commission reviewed the Company's tariff filing and determined that the following pages needed to be revised because the charges included in the compliance tariff filing differed from the amounts approved by the Commission in Order No. 26,654. On September 15, 2022, Liberty received a letter requesting the following pages be revised:

- Tariff pages 65 and 89 (Rate class G-44):
  - All over 100 therms per 30-day rate approved 0.4509, compliance tariff 0.4510.
- Tariff page 69 (Rate class G-46): Winter Period:
  - All therms per 30-day month approved 0.3659, compliance tariff 0.3658.
- Tariff pages 79 and 89 (Rate class G-55):
  - Customer Charge Per Meter approved 80.64, compliance tariff 80.70.

While preparing the August 16, 2022, compliance tariff filing, the Company determined that the rates associated with the Managed Expansion Program ("MEP") were not calculated properly in Attachment CAM-1, Bates 011 through 017, in the Company's June 1, 2022, filing. As defined in the Company's tariff on Page 9, the MEP premium is 30% above the rates that would otherwise be applied absent the Managed Expansion Program. The Company adjusted the MEP rates that were not calculated properly and therefore the compliance tariff filing differed from the rates originally filed in Attachment CAM-1 and Attachment CAM-ELM-2. The Company is providing the revised Attachment CAM-1 and CAM-2 to this letter as support for the compliance tariff pages filed on August 16, 2022.

Additionally, the Company identified a few other adjustments to the tariff unrelated to the rates approved for effect on August 1, 2022. Clean and redline tariff pages 87 and 89 (Fourteenth revised) and page 88 (Fifteen revised) are provided reflecting the following changes.

- Page 87: the header for the winter period should read April 1, 2022, instead of April 1, 2021.
- Page 88: Rate R-4 Winter period cost of gas rate should read \$1.3659 instead of
   \$2.4835 and the total rate should read \$1.8075 instead of \$2.9251.
- Page 88: Rate G-42 Winter period customer charge per month per meter should read \$171.19 instead of \$0.00 and the total rate should read \$171.19 instead of \$0.00.
- Page 89: the header for the winter period should read April 1, 2022, instead of April 1, 2021
- Page 89: Rate G-44 Summer period size of first block should read 20 therms instead of 40 therms.

Thank you for your attention to this matter. Please do not hesitate to contact me if you have any questions.

Daniel Goldner, Chairman January 19, 2023

Sincerely,

Mituken

Michael J. Sheehan

Enclosures

Cc: Service List

Docket No. DG 20-105 Attachment CAM-1 Page 1 of 7

## Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Base Distribution Rates

Line No.	Rate				Current		o 1 Increase Recoupment 2021	s	tep 1 Increase for 2022	F	Rates Effective 8/1/22		Decrease for	Ra	tes Effective 8/1/23
1	R1	Customer Charg	8	\$	15.39	\$	-	\$		\$	15.39	\$	-	\$	15.39
2		Winter	Charge for 1st Therms	\$	0.3844		0.0515		0.0515		0.4873		(0.0515)	•	0.4358
3		LDAC Charge		\$	0.1318	Ŷ	0.0010	Ŷ	0.0070	Ŷ	0.1010	Ŷ	(0.0010)	Ŷ	011000
4		Energy Charge	Charge for Therms over 1st	\$	0.3844	\$	0.0515	\$	0.0515	\$	0.4873	\$	(0.0515)	Ś	0.4358
5		Block Size	Cutoff for First Block	·	-					·	-	-	(,		-
6		Cost of Gas	Cost of Gas Rate	\$	1.1747										
7		Summer	Charge for 1st Therms	\$	0.3844	\$	0.0515	\$	0.0515	\$	0.4873	\$	(0.0515)	\$	0.4358
8		LDAC Charge	5	\$	0.1318					·		,	(,	•	
9		Energy Charge	Charge for Therms over 1st	\$	0.3844	\$	0.0515	\$	0.0515	\$	0.4873	\$	(0.0515)	\$	0.4358
10		Block Size	Cutoff for First Block		-						-		. ,		-
11		Cost of Gas	Cost of Gas Rate	\$	1.2295										
12	R3	Customer Charg	e	\$	15.39	\$	-	\$	-	\$	15.39	\$	-	\$	15.39
13		Winter	Charge for 1st Therms	\$	0.5632	\$	0.0352	\$	0.0352	\$	0.6337	\$	(0.0352)	\$	0.5985
14		LDAC Charge		\$	0.1318										
15		Energy Charge	Charge for Therms over 1st	\$	0.5632	\$	0.0352	\$	0.0352	\$	0.6337	\$	(0.0352)	\$	0.5985
16		Block Size	Cutoff for First Block		-						-				-
17		Cost of Gas	Cost of Gas Rate	\$	1.1747										
18		<u>Summer</u>	Charge for 1st Therms	\$	0.5632	\$	0.0352	\$	0.0352	\$	0.6337	\$	(0.0352)	\$	0.5985
19		LDAC Charge		\$	0.1318										
20		Energy Charge	Charge for Therms over 1st	\$	0.5632	\$	0.0352	\$	0.0352	\$	0.6337	\$	(0.0352)	\$	0.5985
21		Block Size	Cutoff for First Block		-						-				-
22		Cost of Gas	Cost of Gas Rate	\$	1.2295										
23	R4	Winter Customer	0	\$	÷	\$	-	\$	-	\$	8.47	\$	-	\$	8.47
24		Summer Custom	er Charge	\$	15.39	\$	-	\$	-	\$	15.39	\$	-	\$	15.39
25		<u>Winter</u>	Charge for 1st Therms	\$	0.3098	\$	0.0194	\$	0.0194	\$	0.3485	\$	(0.0194)	\$	0.3292
26		LDAC Charge		\$	0.1318										
27		Energy Charge	Charge for Therms over 1st	\$	0.3098	\$	0.0194	\$	0.0194	\$	0.3485	\$	(0.0194)	\$	0.3292
28		Block Size	Cutoff for First Block		-						-				-
29		Cost of Gas	Cost of Gas Rate	\$	0.6461										
30		<u>Summer</u>	Charge for 1st Therms	\$	0.5632	\$	0.0352	\$	0.0352	\$	0.6337	\$	(0.0352)	\$	0.5985
31		LDAC Charge		\$	0.1318										
32		Energy Charge	Charge for Therms over 1st	\$	0.5632	\$	0.0352	\$	0.0352	\$	0.6337	\$	(0.0352)	\$	0.5985
33		Block Size	Cutoff for First Block		-						-				-
34		Cost of Gas	Cost of Gas Rate	\$	1.2295										

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Line No.	Rate			c	urrent	Step 1 Increase for Recoupment 2021	Ste	p 1 Increase for 2022	Ra	ates Effective 8/1/22	Step 1 Decrease for Recoupment 2021	Rates Effective 8/1/23
35	41	Customer Charge	e	\$	57.06	\$ 2.48	\$	2.48	\$	62.03	\$ (2.48)	\$ 59.55
36		Winter	Charge for 1st Therms	\$	0.4688	\$ 0.0160	\$	0.0160	\$	0.5007	\$ (0.0160)	\$ 0.4848
37		LDAC Charge		\$	0.0991							
38		Energy Charge	Charge for Therms over 1st	\$	0.3149	\$ 0.0160	\$	0.0160	\$	0.3469	\$ (0.0160)	\$ 0.3309
39		Block Size	Cutoff for First Block		100					100		100
40		Cost of Gas	Cost of Gas Rate	\$	1.1749							
41		Summer	Charge for 1st Therms	\$	0.4688	\$ 0.0160	\$	0.0160	\$	0.5007	\$ (0.0160)	\$ 0.4848
42		LDAC Charge		\$	0.0991							
43		Energy Charge	Charge for Therms over 1st	\$	0.3149	\$ 0.0160	\$	0.0160	\$	0.3469	\$ (0.0160)	\$ 0.3309
44		Block Size	Cutoff for First Block		20					20		20
45		Cost of Gas	Cost of Gas Rate	\$	1.2303							
46	42	Customer Charge		\$	171.19	•	\$	7.42		186.03		
47		Winter	Charge for 1st Therms	\$	0.4261	\$ 0.0149	\$	0.0149	\$	0.4558	\$ (0.0149)	\$ 0.4409
48		LDAC Charge		\$	0.0991							
49		Energy Charge	Charge for Therms over 1st	\$	0.2839	\$ 0.0149	\$	0.0149	\$	0.3136	\$ (0.0149)	
50		Block Size	Cutoff for First Block		1,000					1,000		1,000
51		Cost of Gas	Cost of Gas Rate	\$	1.1749							
52		<u>Summer</u>	Charge for 1st Therms	\$	0.4261	\$ 0.0149	\$	0.0149	\$	0.4558	\$ (0.0149)	\$ 0.4409
53		LDAC Charge		\$	0.0991							
54		Energy Charge	Charge for Therms over 1st	\$	0.2839	\$ 0.0149	\$	0.0149	\$	0.3136	\$ (0.0149)	\$ 0.2988
55		Block Size	Cutoff for First Block		400					400		400
56		Cost of Gas	Cost of Gas Rate	\$	1.2303							
57	43	Customer Charge	e	\$	734.69		\$	30.82		796.32		
58		<u>Winter</u>	Charge for 1st Therms	\$	0.2620	\$ 0.0097	\$	0.0097	\$	0.2814	\$ (0.0097)	\$ 0.2717
59		LDAC Charge		\$	0.0991							
60		Energy Charge	Charge for Therms over 1st	\$	0.2620	\$ 0.0097	\$	0.0097	\$	0.2814	\$ (0.0097)	\$ 0.2717
61		Block Size	Cutoff for First Block		-					-		-
62		Cost of Gas	Cost of Gas Rate	\$	1.1749							
63		Summer	Charge for 1st Therms	\$	0.1198	\$ 0.0097	\$	0.0097	\$	0.1392	\$ (0.0097)	\$ 0.1295
64		LDAC Charge		\$	0.0991							
65		Energy Charge	Charge for Therms over 1st	\$	0.1198	\$ 0.0097	\$	0.0097	\$	0.1392	\$ (0.0097)	\$ 0.1295
66		Block Size	Cutoff for First Block		-					-		-
67		Cost of Gas	Cost of Gas Rate	\$	1.2303							

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Line No.	Rate			c	Current	Step 1 Increase for Recoupment 2021	Step 1 Increase for 2022	Rates Effective 8/1/22	Step 1 Decrease for Recoupment 2021	Rates Effective 8/1/23
68	51	Customer Charge	e	\$	57.06	\$ 2.51	\$ 2.51	\$ 62.08	\$ (2.51)	\$ 59.57
69		Winter	Charge for 1st Therms	\$	0.2819	\$ 0.0101	\$ 0.0101	\$ 0.3020	\$ (0.0101)	\$ 0.2920
70		LDAC Charge		\$	0.0991					
71		Energy Charge	Charge for Therms over 1st	\$	0.1833	\$ 0.0101	\$ 0.0101	\$ 0.2034	\$ (0.0101)	\$ 0.1934
72		Block Size	Cutoff for First Block		100			100		100
73		Cost of Gas	Cost of Gas Rate	\$	1.1732					
74		<u>Summer</u>	Charge for 1st Therms	\$	0.2819	\$ 0.0101	\$ 0.0101	\$ 0.3020	\$ (0.0101)	\$ 0.2920
75		LDAC Charge		\$	0.0991					
76		Energy Charge	Charge for Therms over 1st	\$	0.1833	\$ 0.0101	\$ 0.0101			\$ 0.1934
77		Block Size	Cutoff for First Block		100			100		100
78		Cost of Gas	Cost of Gas Rate	\$	1.2284					
79	52	Customer Charge		\$	171.19	\$ 7.30	*	\$ 185.80	, , , , , , , , , , , , , , , , , , , ,	
80		Winter	Charge for 1st Therms	\$	0.2428	\$ 0.0087	\$ 0.0087	\$ 0.2602	\$ (0.0087)	\$ 0.2515
81		LDAC Charge		\$	0.0991					
82		Energy Charge	Charge for Therms over 1st	\$	0.1617	\$ 0.0087	\$ 0.0087		, , , , , , , , , , , , , , , , , , , ,	
83		Block Size	Cutoff for First Block		1,000			1,000		1,000
84		Cost of Gas	Cost of Gas Rate	\$	1.1732					
85		Summer	Charge for 1st Therms	\$	0.1759	\$ 0.0087	\$ 0.0087	\$ 0.1933	\$ (0.0087)	\$ 0.1846
86		LDAC Charge		\$	0.0991					
87		Energy Charge	Charge for Therms over 1st	\$	0.1000	\$ 0.0087	\$ 0.0087	\$ 0.1174	\$ (0.0087)	\$ 0.1087
88		Block Size	Cutoff for First Block		1,000			1,000		1,000
89		Cost of Gas	Cost of Gas Rate	\$	1.2284					
90	53	Customer Charge		\$	756.10	\$ 32.77		\$ 821.64	, , , ,	
91		<u>Winter</u>	Charge for 1st Therms	\$	0.1697	\$ 0.0061	\$ 0.0061	\$ 0.1819	\$ (0.0061)	\$ 0.1758
92		LDAC Charge		\$	0.0991					
93		Energy Charge	Charge for Therms over 1st	\$	0.1697	\$ 0.0061	\$ 0.0061	\$ 0.1819	\$ (0.0061)	\$ 0.1758
94		Block Size	Cutoff for First Block		-					-
95		Cost of Gas	Cost of Gas Rate	\$	1.1732					
96		<u>Summer</u>	Charge for 1st Therms	\$	0.0814	\$ 0.0061	\$ 0.0061	\$ 0.0936	\$ (0.0061)	\$ 0.0875
97		LDAC Charge		\$	0.0991					
98		Energy Charge	Charge for Therms over 1st	\$	0.0814	\$ 0.0061	\$ 0.0061	\$ 0.0936	\$ (0.0061)	\$ 0.0875
99		Block Size	Cutoff for First Block		-				•	-
100		Cost of Gas	Cost of Gas Rate	\$	1.2284					

	1						1					1	1
Line No.	Rate				Current	Step 1 Increase for Recoupment 2021	s	Step 1 Increase for 2022	R	ates Effective 8/1/22	Step 1 Decrease for Recoupment 2021		s Effective 8/1/23
101	54	Customer Charge	e	\$	756.10	\$ 32.77	\$	32.77	\$	821.64	\$ (32.77)	\$	788.87
102		<u>Winter</u>	Charge for 1st Therms	\$	0.0648	\$ 0.0023	\$	0.0023	\$	0.0693	\$ (0.0023)	\$	0.0670
103		LDAC Charge		\$	0.0991								
104		Energy Charge	Charge for Therms over 1st	\$	0.0648	\$ 0.0023	\$	0.0023	\$	0.0693	\$ (0.0023)	\$	0.0670
105		Block Size	Cutoff for First Block		-					-			-
106		Cost of Gas	Cost of Gas Rate	\$	1.1732								
107		<u>Summer</u>	Charge for 1st Therms	\$	0.0352	\$ 0.0023	\$	0.0023	\$	0.0397	\$ (0.0023)	\$	0.0374
108		LDAC Charge		\$	0.0991								
109		Energy Charge	Charge for Therms over 1st	\$	0.0352	\$ 0.0023	\$	0.0023	\$	0.0397	\$ (0.0023)	\$	0.0374
110		Block Size	Cutoff for First Block		-					-			-
111		Cost of Gas	Cost of Gas Rate	\$	1.2284								
112	R5	Customer Charge	e	\$	20.01	\$-	\$	-	\$	20.01	\$-	\$	20.01
113		<u>Winter</u>	Charge for 1st Therms	\$	0.4997	\$ 0.0669	\$	0.0669	\$	0.6335	\$ (0.0669)	\$	0.5666
114		LDAC Charge		\$	0.1318								
115		Energy Charge	Charge for Therms over 1st	\$	0.4997	\$ 0.0669	\$	0.0669	\$	0.6335	\$ (0.0669)	\$	0.5666
116		Block Size	Cutoff for First Block							-			-
117		Cost of Gas	Cost of Gas Rate	\$	1.1747		_						
118		Summer	Charge for 1st Therms	\$	0.4997	\$ 0.0669	\$	0.0669	\$	0.6335	\$ (0.0669)	Ş	0.5666
119		LDAC Charge		\$	0.1318		~	0.0000	<b>^</b>	0 0005	¢ (0.0000		0.5666
120		Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.4997	\$ 0.0669	\$	0.0669	\$	0.6335	\$ (0.0669)	Ş	0.5666
121 122		BIOCK SIZE Cost of Gas	Cutoff for First Block Cost of Gas Rate	\$	- 1.2295					-			-
122	R6	Customer Charge		۵ ۶	20.01	\$-	\$	_	\$	20.01	\$ -	Ś	20.01
123	I TO	Winter	Charge for 1st Therms	φ \$	0.7322	\$ 0.0458	\$ \$	- 0.0458		0.8238	\$ (0.0458		0.7780
124		LDAC Charge	Charge for 13t mennis	\$	0.1318	φ 0.0430	Ψ	0.0400	Ψ	0.0250	φ (0.0400)	Ļ	0.7780
125		Energy Charge	Charge for Therms over 1st	\$	0.7322	\$ 0.0458	\$	0.0458	\$	0.8238	\$ (0.0458	Ś	0.7780
127		Block Size	Cutoff for First Block	Ŷ	-	• • • • • • • • •	Ŷ	0.0100	Ŷ	-	¢ (0.0100)	Ŷ	-
128		Cost of Gas	Cost of Gas Rate	\$	1.1747								
129		Summer	Charge for 1st Therms	\$	0.7322	\$ 0.0458	\$	0.0458	\$	0.8238	\$ (0.0458	\$	0.7780
130		LDAC Charge	, and the second s	\$	0.1318								
131		Energy Charge	Charge for Therms over 1st	\$	0.7322	\$ 0.0458	\$	0.0458	\$	0.8238	\$ (0.0458)	\$	0.7780
132		Block Size	Cutoff for First Block		-					-			-
133		Cost of Gas	Cost of Gas Rate	\$	1.2295								

						Step 1 Increase						
						for Recoupment	Step	1 Increase for	R	ates Effective	Step 1 Decrease for	Rates Effective
Line No.	Rate			0	Current	2021	-	2022		8/1/22	Recoupment 2021	8/1/23
134	R7	Winter Customer		\$	11.01	\$-	\$	-	\$	11.01	\$-	\$ 11.01
135		Summer Custom	er Charge	\$	20.01				\$	20.01		\$ 20.01
136		<u>Winter</u>	Charge for 1st Therms	\$	0.4027	\$ 0.0252	\$	0.0252	\$	0.4531	\$ (0.0252)	\$ 0.4279
137		LDAC Charge		\$	0.1318							
138		Energy Charge	Charge for Therms over 1st	\$	0.4027	\$ 0.0252	\$	0.0252	\$	0.4531	\$ (0.0252)	\$ 0.4279
139		Block Size	Cutoff for First Block		-					-		-
140		Cost of Gas	Cost of Gas Rate	\$	0.6461							
141		Summer	Charge for 1st Therms	\$	0.7322	\$ 0.0458	\$	0.0458	\$	0.8238	\$ (0.0458)	\$ 0.7780
142		LDAC Charge		\$	0.1318							
143		Energy Charge	Charge for Therms over 1st	\$	0.7322	\$ 0.0458	\$	0.0458	\$	0.8238	\$ (0.0458)	\$ 0.7780
144		Block Size	Cutoff for First Block		-					-		-
145		Cost of Gas	Cost of Gas Rate	\$	1.2295							
146	44	Customer Charge	e	\$	74.18		\$	3.23	\$	80.64	\$ (3.23)	\$ 77.41
147		Winter	Charge for 1st Therms	\$	0.6094	\$ 0.0208	\$	0.0208	\$	0.6509	\$ (0.0208)	\$ 0.6302
148		LDAC Charge		\$	0.0991							
149		Energy Charge	Charge for Therms over 1st	\$	0.4094	\$ 0.0208	\$	0.0208	\$	0.4510	\$ (0.0208)	\$ 0.4302
150		Block Size	Cutoff for First Block		100					100		100
151		Cost of Gas	Cost of Gas Rate	\$	1.1749							
152		Summer	Charge for 1st Therms	\$	0.6094	\$ 0.0208	\$	0.0208	\$	0.6509	\$ (0.0208)	\$ 0.6302
153		LDAC Charge		\$	0.0991							
154		Energy Charge	Charge for Therms over 1st	\$	0.4094	\$ 0.0208	\$	0.0208	\$	0.4510	\$ (0.0208)	\$ 0.4302
155		Block Size	Cutoff for First Block		20					20		20
156		Cost of Gas	Cost of Gas Rate	\$	1.2303							
157	45	Customer Charge	e	\$	222.55	\$ 9.64	\$	9.64	\$	241.83	\$ (9.64)	\$ 232.19
158		Winter	Charge for 1st Therms	\$	0.5539	\$ 0.0193	\$	0.0193	\$	0.5925	\$ (0.0193)	\$ 0.5732
159		LDAC Charge		\$	0.0991							
160		Energy Charge	Charge for Therms over 1st	\$	0.3691	\$ 0.0193	\$	0.0193	\$	0.4077	\$ (0.0193)	\$ 0.3884
161		Block Size	Cutoff for First Block		1,000					1,000		1,000
162		Cost of Gas	Cost of Gas Rate	\$	1.1749							
163		Summer	Charge for 1st Therms	\$	0.5539	\$ 0.0193	\$	0.0193	\$	0.5925	\$ (0.0193)	\$ 0.5732
164		LDAC Charge	-	\$	0.0991							
165		Energy Charge	Charge for Therms over 1st	\$	0.3691	\$ 0.0193	\$	0.0193	\$	0.4077	\$ (0.0193)	\$ 0.3884
166		Block Size	Cutoff for First Block		400					400	. ,	400
167		Cost of Gas	Cost of Gas Rate	\$	1.2303							

							1					<u> </u>	
						Step 1 Increase							
						for Recoupment	St	tep 1 Increase for	Ra	ates Effective	Step 1 Decrease for		s Effective
Line No.	Rate			(	Current	2021		2022		8/1/22	Recoupment 2021		8/1/23
168	46	Customer Charge		\$	955.10	\$ 40.06	\$	40.06	Ŧ	1,035.22	\$ (40.06)		995.16
169		Winter	Charge for 1st Therms	\$	0.3406	\$ 0.0127	\$	0.0127	\$	0.3658	\$ (0.0127)	\$	0.3532
170		LDAC Charge		\$	0.0991								
171		Energy Charge	Charge for Therms over 1st	\$	0.3406	\$ 0.0127	\$	0.0127	\$	0.3658	\$ (0.0127)	\$	0.3532
172		Block Size	Cutoff for First Block		-					-			-
173		Cost of Gas	Cost of Gas Rate	\$	1.1749								
174		<u>Summer</u>	Charge for 1st Therms	\$	0.1557	\$ 0.0126	\$	0.0126	\$	0.1810	\$ (0.0126)	\$	0.1684
175		LDAC Charge		\$	0.0991								
176		Energy Charge	Charge for Therms over 1st	\$	0.1557	\$ 0.0126	\$	0.0126	\$	0.1810	\$ (0.0126)	\$	0.1684
177		Block Size	Cutoff for First Block		-					-			-
178		Cost of Gas	Cost of Gas Rate	\$	1.2303								
179	55	Customer Charge	e	\$	74.18	\$ 3.26	\$	3.26	\$	80.70	\$ (3.26)	\$	77.44
180		Winter	Charge for 1st Therms	\$	0.3665	\$ 0.0131	\$	0.0131	\$	0.3927	\$ (0.0131)	\$	0.3796
181		LDAC Charge		\$	0.0991								
182		Energy Charge	Charge for Therms over 1st	\$	0.2383	\$ 0.0131	\$	0.0131	\$	0.2645	\$ (0.0131)	\$	0.2514
183		Block Size	Cutoff for First Block		100					100			100
184		Cost of Gas	Cost of Gas Rate	\$	1.1732								
185		Summer	Charge for 1st Therms	\$	0.3665	\$ 0.0131	\$	0.0131	\$	0.3927	\$ (0.0131)	\$	0.3796
186		LDAC Charge		\$	0.0991								
187		Energy Charge	Charge for Therms over 1st	\$	0.2383	\$ 0.0131	\$	0.0131	\$	0.2645	\$ (0.0131)	\$	0.2514
188		Block Size	Cutoff for First Block		100					100			100
189		Cost of Gas	Cost of Gas Rate	\$	1.2284								
190	56	Customer Charge	e	\$	222.55	\$ 9.49	\$	9.49	\$	241.54	\$ (9.49)	\$	232.04
191		Winter	Charge for 1st Therms	\$	0.3157	\$ 0.0113	\$	0.0113	\$	0.3383	\$ (0.0113)	\$	0.3270
192		LDAC Charge		\$	0.0991								
193		Energy Charge	Charge for Therms over 1st	\$	0.2102	\$ 0.0113	\$	0.0113	\$	0.2328	\$ (0.0113)	\$	0.2215
194		Block Size	Cutoff for First Block		1,000					1,000			1,000
195		Cost of Gas	Cost of Gas Rate	\$	1.1732								
196		<u>Summer</u>	Charge for 1st Therms	\$	0.2287	\$ 0.0113	\$	0.0113	\$	0.2513	\$ (0.0113)	\$	0.2400
197		LDAC Charge		\$	0.0991								
198	1	Energy Charge	Charge for Therms over 1st	\$	0.1300	\$ 0.0113	\$	0.0113	\$	0.1526	\$ (0.0113)	\$	0.1413
199	1	Block Size	Cutoff for First Block		1,000					1,000			1,000
200		Cost of Gas	Cost of Gas Rate	\$	1.2284								

				-		1								
Line No.	Rate				Current	Step 1 Ir for Reco 202	upment	S	itep 1 Increase for 2022	R	ates Effective 8/1/22	Step 1 Decrease for Recoupment 2021	Rat	es Effective 8/1/23
201	57	Customer Charge	9	\$	982.93	\$	42.60	\$	42.60	\$	1,068.14	\$ (42.60)	\$	1,025.54
202		<u>Winter</u>	Charge for 1st Therms	\$	0.2207	\$	0.0079	\$	0.0079	\$	0.2365	\$ (0.0079)	\$	0.2286
203		LDAC Charge		\$	0.0991									
204		Energy Charge	Charge for Therms over 1st	\$	0.2207	\$	0.0079	\$	0.0079	\$	0.2365	\$ (0.0079)	\$	0.2286
205		Block Size	Cutoff for First Block		-						-			-
206		Cost of Gas	Cost of Gas Rate	\$	1.1732									
207		Summer	Charge for 1st Therms	\$	0.1059	\$	0.0079	\$	0.0079	\$	0.1217	\$ (0.0079)	\$	0.1138
208		LDAC Charge		\$	0.0991									
209		Energy Charge	Charge for Therms over 1st	\$	0.1059	\$	0.0079	\$	0.0079	\$	0.1217	\$ (0.0079)	\$	0.1138
210		Block Size	Cutoff for First Block		-						-			-
211		Cost of Gas	Cost of Gas Rate	\$	1.2284									
212	58	Customer Charge	9	\$	982.93	\$	42.61	\$	42.61	\$	1,068.14	\$ (42.61)	\$	1,025.54
213		<u>Winter</u>	Charge for 1st Therms	\$	0.0842	\$	0.0029	\$	0.0029	\$	0.0901	\$ (0.0029)	\$	0.0871
214		LDAC Charge		\$	0.0991									
215		Energy Charge	Charge for Therms over 1st	\$	0.0842	\$	0.0029	\$	0.0029	\$	0.0901	\$ (0.0029)	\$	0.0871
216		Block Size	Cutoff for First Block		-						-			-
217		Cost of Gas	Cost of Gas Rate	\$	1.1732									
218		<u>Summer</u>	Charge for 1st Therms	\$	0.0457	\$	0.0029	\$	0.0029	\$	0.0516	\$ (0.0029)	\$	0.0487
219		LDAC Charge		\$	0.0991									
220		Energy Charge	Charge for Therms over 1st	\$	0.0457	\$	0.0029	\$	0.0029	\$	0.0516	\$ (0.0029)	\$	0.0487
221		Block Size	Cutoff for First Block		-						-			-
222		Cost of Gas	Cost of Gas Rate	\$	1.2284									

### Winter Season (Jan. - Apr., Nov. - Dec.) Residential Non-Heating (R1) 1

2

Summer Season (May - Oct.)	
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Docket No.	DG 20-105
Attachm	nent CAM-2
P	age 1 of 10

2	Residential Non-Heating (R	.1)																	
3	PROPOSED	R1		Nov-22	Dec 22	lan 22	Eab 22	Max 22	A	Winter		May 22	lum 22	1.1.02	Aug 22	Sen 22	0 -+ 22	Cummer	Total
4		RI	F		Dec-22	Jan-23	Feb-23	Mar-23	Apr-23			May-23	Jun-23	Jul-23	Aug-22	Sep-22	Oct-22	Summer	
5	average Usage (Therms)			20	26	27	26	23	19	140		14	11	9	9	11	13	69	209
6																			
7	Winter:																		
8	Cust. Chg	_CST	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.35									
9	Headblock	RATE1w	\$0.4873	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00									
10	Tailblock	RATE2w	\$0.4873	\$9.57	\$12.49	\$13.27	\$12.71	\$11.18	\$9.11	\$68.33									
11	HB Threshold	BLOCKw	-																
12		-																	
13	Summer:																		
14	Cust. Chg	_CST	\$15.39									\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.35	\$184.71
15	Headblock	RATE1s	\$0.4873									\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	Tailblock	RATE2s	\$0.4873									\$7.05	\$5.57	\$4.51	\$4.62	\$5.15	\$6.52	\$33.42	\$101.75
17	HB Threshold	BLOCKs										<i></i>	<i>Q</i> 0.01	¢ 1.0 T	\$ 1.0L	<i><b>Q</b></i> <b>0</b> .10	\$0.0L	\$00.1 <u>2</u>	\$101.10
18		_BEOOKS																	
19	Total Base Rate Amount			\$24.96	\$27.88	\$28.67	\$28.10	\$26.57	\$24.50	\$160.68		\$22.45	\$20.96	\$19.91	\$20.01	\$20.54	\$21.91	\$125.78	\$286.46
20	Total Base Rate Amount			φ <b>2</b> 4.90	φ21.00	φ20.07	φ20.10	φ20.57	φ <b>2</b> 4.00	\$100.00		φ22.4J	φ20.90	φ19.91	φ20.01	φ20.04	φ21.91	φ123.70	φ200.40
	COG Rate - (Winter)	COGw	\$1,1747	\$1.1747	\$1.1747	\$1,1747	\$1.1747	\$1.1747	\$1.1747	\$1,1747									
		_000w	φ1.1747			\$32.00	\$30.63	\$26.95											
	COG amount - Winter			\$23.06	\$30.11	\$32.00	\$30.63	\$26.95	\$21.97	\$164.71									
23															A4 0005		A4 0005		A4 4007
24	COG Rate - (Summer)	_COGs	\$1.2295									\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.1927
25	COG amount - Summer											\$17.80	\$14.04	\$11.39	\$11.66	\$12.99	\$16.45	\$84.33	\$249.04
26											_LDACs								
27	LDAC	_LDACw	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318
28	LDAC amount			\$2.59	\$3.38	\$3.59	\$3.44	\$3.02	\$2.46	\$18.48		\$1.91	\$1.51	\$1.22	\$1.25	\$1.39	\$1.76	\$9.04	\$27.52
29																			
30	Total Bill			\$50.60	\$61.36	\$64.25	\$62.17	\$56.55	\$48.94	\$343.87		\$42.15	\$36.50	\$32.52	\$32.92	\$34.93	\$40.12	\$219.14	\$563.01

## 31 Winter Season (Jan. - Apr., Nov. - Dec.) 32 Residential Non-Heating (R1)

32	Residential Non-Heating (	KI)	-								-								
33	CURRENT																		
34	Cur	R1		Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	Winter		May-22	Jun-22	Jul-22	Aug-21	Sep-21	Oct-21	Summer	Total
35	average Usage (Therms)			20	26	27	26	23	19	140		14	11	9	9	11	13	69	209
36	,																		
37	Winter:																		
38	Cust. Chg	_CST	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.34									
39	Headblock	RATE1w	\$0.3844	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00									
39		RATE2w	\$0.3844	\$0.00 \$7.55	\$9.85	\$10.47	\$0.00 \$10.02	\$8.82	\$7.19	\$53.90									
40	Tailblock HB Threshold		<b>\$0.3044</b>	\$7.55	\$9.00	\$10.47	\$10.0Z	\$0.0Z	φ <i>1</i> .19	\$53.90									
41	HB I hreshold	_BLOCKw	-																
42	-																		
43	Summer:																		
44	Cust. Chg	_CST	\$15.39									\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.34	\$184.68
45	Headblock	_RATE1s	\$0.3844									\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
46	Tailblock	_RATE2s	\$0.3844									\$5.56	\$4.39	\$3.56	\$3.65	\$4.06	\$5.14	\$26.36	\$80.26
47	HB Threshold	_BLOCKs	-																
48																			
49	Total Base Rate Amount			\$22.94	\$25.24	\$25.86	\$25.41	\$24.21	\$22.58	\$146.24		\$20.95	\$19.78	\$18.95	\$19.04	\$19.45	\$20.53	\$118.70	\$264.94
50																			
51	COG Rate - (Winter)		\$1.1829	\$1.1339	\$1.0173	\$0.7246	\$0.5956	\$0,7743	\$1.1747	\$0.8796									
52	COG amount - Winter			\$22.26	\$26.07	\$19.74	\$15.53	\$17.76	\$21.97	\$123.33									
53				<b><i><i>v</i></i></b> <i>zz.zv</i>	φ <u>2</u> 0.01	<b></b>	<b></b>	<b>\$</b> 11.1 <b>0</b>	<b>\$2</b> 1.07	\$120.00									
54	COG Rate - (Summer)	COGs	\$1.2295									\$1.2295	\$1.2295	\$1.2295	\$0.3935	\$0.3935	\$1.1339	\$0.9665	\$0.9081
55	COG amount - Summer	_0003	ψ1.2200									\$17.80	\$14.04	\$11.39	\$3.73	\$4.16	\$15.17	\$66.28	\$189.61
56	COG aniount - Summer										LDACs	φ17.00	φ14.04	φ11.39	φ <b>3.7</b> 5	φ4.10	φ10.1 <i>1</i>	φ00.20	\$109.01
50	LDAC	LDACW	\$0.1318	\$0.1397	\$0.1517	\$0.1012	\$0.1154	\$0.1539	\$0.1318	\$0.1312	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.0589	\$0.0589	\$0.0589	\$0.0963	\$0.1197
	LDAC amount	_LDACW	<b>Ф</b> 0.1310	\$0.1397 \$2.74	\$3.89	\$2.76	\$0.1154 \$3.01	\$3.53	\$2.46	\$18.39	φU.1310	\$0.1318 \$1.91	\$1.51	\$1.22	\$0.0589	\$0.0569	\$0.0569	\$6.60	\$24.99
58	LDAC amount			φ <b>2</b> .74	\$3.09	¢∠.70	\$3.01	<b>\$</b> 3.33	φ <u>2</u> .40	\$10.59		\$1.91	\$1.51	\$1.ZZ	\$0.56	\$U.0Z	\$0.79	\$0.00	φ <b>2</b> 4.99
59				<u></u>					<b>•</b> • <b>•</b> • • •									····	
	Total Bill			\$47.94	\$55.20	\$48.35	\$43.95	\$45.50	\$47.01	\$287.96	]	\$40.66	\$35.33	\$31.56	\$23.32	\$24.23	\$36.49	\$191.59	\$479.55
61																			
	DIFFERENCE:										-								
	Total Bill			\$2.67	\$6.16	\$15.90	\$18.21	\$11.04	\$1.93	\$55.91		\$1.49	\$1.18	\$0.96	\$9.60	\$10.69	\$3.63	\$27.55	\$83.46
64	% Change			5.57%	11.17%	32.88%	41.44%	24.27%	4.10%	19.42%		3.67%	3.33%	3.03%	41.14%	44.13%	9.96%	14.38%	17.40%
65																			
66	Base Rate			\$2.02	\$2.64	\$2.81	\$2.69	\$2.36	\$1.93	\$14.44		\$1.49	\$1.18	\$0.96	\$0.98	\$1.09	\$1.38	\$7.07	\$21.51
67	% Change			8.82%	10.46%	10.85%	10.57%	9.76%	8.53%	9.88%		7.12%	5.95%	5.04%	5.14%	5.60%	6.72%	5.96%	8.12%
68																			
69	COG & LDAC			\$0.65	\$3.52	\$13.09	\$15.53	\$8.68	\$0.00	\$41.47		\$0.00	\$0.00	\$0.00	\$8.62	\$9.60	\$2.25	\$20.48	\$61.95
70	% Change			2.58%	11.76%	58.21%	83.76%	40.76%	0.00%	29.26%		0.00%	0.00%	0.00%	200.91%	200.91%	14.13%	28.09%	28.87%
	check			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
				+	÷ 5.00	+ - 100	+	+	+	÷ 2.00		+	+1.00	+1.00	+	+	+	+1.00	+1.00



Summer Season (May - Oct.)

## 71 Winter Season (Jan. - Apr., Nov. - Dec.) 72 Residential Heating (R3)

# Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Bill Impact Analysis - Cost of Gas Filing Methodology

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Summer Season (May - Oct.)

Summer Season (May - Oct.)

12	Residential Heating (R3)																		
73	PROPOSED																		
74	Prop_	R3		Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter		May-23	Jun-23	Jul-23	Aug-22	Sep-22	Oct-22	Summer	Total
	average Usage (Therms)			83	122	145	139	105	62	657		33	18	13	14	18	38	134	791
76																			
77	Winter:																		
78	Cust. Chg	_CST	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.35									
79	Headblock	_RATE1w	\$0.6337	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00									
80	Tailblock	RATE2w	\$0.6337	\$52.77	\$77.26	\$92.13	\$87.78	\$66.80	\$39.58	\$416.32									
81	HB Threshold	BLOCKw	-																
82																			
83	Summer:																		
84	Cust. Chg	_CST	\$15.39									\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.35	\$184.71
85	Headblock	RATE1s	\$0.6337									\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
86	Tailblock	RATE2s	\$0.6337									\$20.97	\$11.32	\$8.48	\$8.64	\$11.20	\$24.36	\$84.96	\$501.28
87	HB Threshold	BLOCKs	-														,		
88																			
89	Total Base Rate Amount			\$68.16	\$92.65	\$107.52	\$103.18	\$82.19	\$54.97	\$508.67		\$36.36	\$26.71	\$23.87	\$24.03	\$26.60	\$39.75	\$177.32	\$685.99
90								+										•••••	
91	COG Rate - (Winter)	COGw	\$1.1747	\$1.1747	\$1.1747	\$1.1747	\$1.1747	\$1.1747	\$1.1747	\$1.1747									
92	COG amount - Winter	_0000	<b>•</b>	\$97.82	\$143.22	\$170.79	\$162.72	\$123.83	\$73.36	\$771.74									
93				ψ01.0 <u>2</u>	ψ140.22	ψ170.75	ψ102.72	ψ120.00	ψ10.00	ψ//1./ <del>4</del>									
90	COG Rate - (Summer)	COGs	\$1.2295									\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.1840
05	COG amount - Summer	_0005	ψ1.2200									\$40.68	\$21.95	\$16.45	\$16.75	\$21.74	\$47.26	\$164.85	\$936.59
96	COO amount - Summer										LDACs	φ-+0.00	ψ21.90	φ10.45	φ10.75	ψ21.74	φ <del>4</del> 7.20	φ10 <del>4</del> .05	<i>\$550.58</i>
90 97	LDAC	LDACW	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318
97 98		_LDACW	φυ. Ι 3 Ι ο			\$0.1318 \$19.16	\$0.1318 \$18.26	\$0.1318 \$13.89	\$8.23	\$86.59	φυ. 1310		\$0.1316 \$2.35	\$0.1316 \$1.76	\$0.1318 \$1.80	\$2.33	\$0.1318 \$5.07		
	LDAC amount			\$10.98	\$16.07	\$19.10	φ10.20	a19.88	<b>ф0.23</b>	900.59		\$4.36	¢∠.35	φ1.70	φ1.8U	¢∠.33	ຈວ.07	\$17.67	\$104.26
99	Total Bill			£476.06	6254.04	£207 47	600446	6240.02	\$436 EC	64 267 00		604 44	¢ = 1 00	\$42.09	640 59	\$50.00	602.08	6250.02	64 706 94
100	Total Bill			\$176.96	\$251.94	\$297.47	\$284.16	\$219.92	\$136.56	\$1,367.00		\$81.41	\$51.02	<b>⊅</b> 4∠.09	\$42.58	\$50.66	\$92.08	\$359.83	\$1,726.84

## 101 Winter Season (Jan. - Apr., Nov. - Dec.) 102 Residential Heating (R3)

103	CURRENT																		
	Cur	R3		Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	Winter		May-22	Jun-22	Jul-22	Aug-21	Sep-21	Oct-21	Summer	Total
	average Usage (Therms)			83	122	145	139	105	62	657		33	18	13	14	18	38	134	791
106																			
	Winter:																		
	Cust. Chg	CST	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.34									
	Headblock	RATE1w	\$0.5632	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00									
	Tailblock	RATE2w	\$0.5632	\$46.90	\$68.67	\$81.88	\$78.02	\$59.37	\$35.17	\$370.00									
	HB Threshold	BLOCKw	ψ0.0002 -	φ <del>4</del> 0.30	ψ00.07	ψ01.00	ψ10.0Z	φ <b>3</b> 3.57	ψ00.17	\$570.00									
112	HB THreshold	_BLOCKW	-																
	Summer:																		
	Cust. Chg	CST	\$15.39									\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.34	\$184.68
	Headblock	RATE1s	\$0.5632									\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$92.34	\$0.00
	Tailblock	_RATE2s	\$0.5632									\$18.64	\$10.06	\$7.54	\$7.67	\$9.96	\$21.65	\$75.51	\$445.52
	HB Threshold	_BLOCKs	-																
118	Total Base Rate Amount			¢00.00	604.00	¢07.07	¢00.44	<b>\$74.70</b>	¢50.50	\$462.34		\$34.03	COF 45	¢00.00	¢00.00	¢05.05	<b>\$07.04</b>	\$167.85	\$630.20
119	I otal Base Rate Amount			\$62.29	\$84.06	\$97.27	\$93.41	\$74.76	\$50.56	\$462.34		\$34.03	\$25.45	\$22.93	\$23.06	\$25.35	\$37.04	\$107.85	\$630.20
120					<b>.</b>	AA 70.40		A0 77 10	A. 1717										
	COG Rate - (Winter)			\$1.1339	\$1.0173	\$0.7246	\$0.5956	\$0.7743	\$1.1747	\$0.8544									
	COG amount - Winter			\$94.42	\$124.03	\$105.35	\$82.50	\$81.62	\$73.36	\$561.29									
123														<b>a</b> a aaa (	A0 0005	<b>*</b> *****	<b>*</b> 4 4000	AA 7504	AA AA7A
	COG Rate - (Summer)	_COGs										\$0.6984	\$0.6984	\$0.6984	\$0.3935	\$0.3935	\$1.1339	\$0.7521	\$0.8370
	COG amount - Summer											\$23.11	\$12.47	\$9.35	\$5.36	\$6.96	\$43.59	\$100.83	\$662.12
126											_LDACs								
	LDAC	_LDACw		\$0.1397	\$0.1517	\$0.1012	\$0.1154	\$0.1539	\$0.1318	\$0.1298	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.0589	\$0.0589	\$0.0589	\$0.0939	\$0.1237
	LDAC amount			\$11.63	\$18.50	\$14.71	\$15.99	\$16.22	\$8.23	\$85.28		\$4.36	\$2.35	\$1.76	\$0.80	\$1.04	\$2.26	\$12.59	\$97.87
129																			
	Total Bill			\$168.34	\$226.58	\$217.33	\$191.90	\$172.60	\$132.15	\$1,108.91		\$61.50	\$40.27	\$34.04	\$29.23	\$33.35	\$82.89	\$281.27	\$1,390.19
131																			
	DIFFERENCE:																		
	Total Bill			\$8.61	\$25.36	\$80.14	\$92.26	\$47.31	\$4.41	\$258.09		\$19.91	\$10.74	\$8.05	\$13.35	\$17.32	\$9.19	\$78.56	\$336.65
	% Change			5.12%	11.19%	36.87%	48.08%	27.41%	3.33%	23.27%		32.37%	26.68%	23.66%	45.67%	51.93%	11.09%	27.93%	24.22%
135																			
	Base Rate			\$5.87	\$8.60	\$10.25	\$9.77	\$7.43	\$4.41	\$46.33		\$2.33	\$1.26	\$0.95	\$0.96	\$1.25	\$2.71	\$9.46	\$55.79
	% Change			9.43%	10.23%	10.54%	10.46%	9.94%	8.71%	10.02%		6.86%	4.95%	4.12%	4.17%	4.93%	7.32%	5.64%	8.85%
138																			
	COG & LDAC			\$2.74	\$16.76	\$69.89	\$82.49	\$39.88	\$0.00	\$211.76		\$17.57	\$9.48	\$7.11	\$12.39	\$16.07	\$6.48	\$69.10	\$280.86
	% Change			2.58%	11.76%	58.21%	83.76%	40.76%	0.00%	32.75%		63.97%	63.97%	63.97%	200.91%	200.91%	14.13%	60.92%	36.96%
	check			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Line No

## 141 Winter Season (Jan. - Apr., Nov. - Dec.) 142 Low Income Residential Heating (R4)

# Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Bill Impact Analysis - Cost of Gas Filing Methodology

Summer Season (May - Oct.)

142	Low Income Residential H	leating (R4)									-								
	PROPOSED																		
	Prop_	R4		Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter		May-23	Jun-23	Jul-23	Aug-22	Sep-22	Oct-22	Summer	Total
	average Usage (Therms)			81	118	140	133	103	62	636		33	18	14	14	18	38	134	770
146																			
147	Winter:																		
	Cust. Chg	_CST	\$8.47	\$8.47	\$8.47	\$8.47	\$8.47	\$8.47	\$8.47	\$50.79									
	Headblock	_RATE1w	\$0.3485	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00									
	Tailblock	_RATE2w	\$0.3485	\$28.06	\$41.10	\$48.95	\$46.34	\$35.74	\$21.50	\$221.69									
	HB Threshold	_BLOCKw	-																
152																			
	Summer:																		
	Cust. Chg	_CST	\$15.39									\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.35	\$143.15
	Headblock	_RATE1s	\$0.6337									\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
156		_RATE2s	\$0.6337									\$20.80	\$11.66	\$8.76	\$8.90	\$11.18	\$23.79	\$85.08	\$306.77
	HB Threshold	_BLOCKs	-																
158																			
	Total Base Rate Amount			\$36.53	\$49.56	\$57.41	\$54.81	\$44.21	\$29.97	\$272.49		\$36.19	\$27.06	\$24.15	\$24.29	\$26.57	\$39.18	\$177.44	\$449.92
160																			
	COG Rate - (Winter)	_COGw	\$0.6461	\$0.6461	\$0.6461	\$0.6461	\$0.6461	\$0.6461	\$0.6461	\$0.6461									
	COG amount - Winter			\$52.02	\$76.19	\$90.75	\$85.91	\$66.26	\$39.86	\$410.99									
163																			
	COG Rate - (Summer)	_COGs	\$1.2295									\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$0.7478
	COG amount - Summer											\$40.35	\$22.63	\$17.00	\$17.26	\$21.68	\$46.15	\$165.08	\$576.07
166		1540									_LDACs		<b>6</b> 0 4040	<b>6</b> 0 4040					
	LDAC	_LDACw	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318
	LDAC amount			\$10.61	\$15.54	\$18.51	\$17.53	\$13.52	\$8.13	\$83.84		\$4.33	\$2.43	\$1.82	\$1.85	\$2.32	\$4.95	\$17.70	\$101.54
169						A 4 6 6 6 7	•··•• • ·							• · • • • <b>-</b>	A				
170	Total Bill			\$99.16	\$141.30	\$166.67	\$158.24	\$123.99	\$77.96	\$767.32	l	\$80.87	\$52.11	\$42.97	\$43.40	\$50.58	\$90.27	\$360.21	\$1,127.53

## 171 Winter Season (Jan. - Apr., Nov. - Dec.) 172 Low Income Residential Heating (R4)

173	CURRENT										1								
174	Cur_	R4		Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	Winter		May-22	Jun-22	Jul-23	Aug-21	Sep-21	Oct-21	Summer	Total
175	average Usage (Therms)		ľ	81	118	140	133	103	62	636		33	18	14	14	18	38	134	770
176																			
177	Winter:																		
178	Cust. Chg	CST	\$8.47	\$8.47	\$8.47	\$8.47	\$8.47	\$8.47	\$8.47	\$50.82									
	Headblock	RATE1w	\$0.3098	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00									
180	Tailblock	RATE2w	\$0.3098	\$24.94	\$36.53	\$43.51	\$41.19	\$31.77	\$19.11	\$197.07									
	HB Threshold	BLOCKw	-				• • • • •												
182																			
	Summer:																		
	Cust. Chg	_CST	\$15.39									\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.34	\$143.16
	Headblock	RATE1s	\$0.5632									\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Tailblock	RATE2s	\$0.5632									\$18.49	\$10.37	\$7.79	\$7.91	\$9.93	\$21.14	\$75.62	\$272.69
	HB Threshold	BLOCKs	φ0.0002 -									ψ10. <del>4</del> 3	φ10.57	ψ1.15	ψ1.51	ψ5.55	Ψ21.14	ψ10.0Z	ψ212.03
188	TID THIESHOL	_DLOOKS	-																
189	Total Base Rate Amount			\$33.41	\$45.00	\$51.98	\$49.66	\$40.24	\$27.58	\$247.89		\$33.88	\$25.76	\$23.18	\$23.30	\$25.32	\$36.53	\$167.96	\$415.85
109	Total Base Rate Allount			φ <b>33.4</b> Ι	φ <del>4</del> 5.00	φ <b>31.90</b>	\$ <del>4</del> 9.00	φ <del>4</del> 0.24	φ21.00	φ <b>2</b> 47.09		<b>\$33.00</b>	φ25.70	φ23.10	φ23.30	φ20.3Z	φ30.33	\$107.90	φ <del>4</del> 10.00
	COG Rate - (Winter)		\$0.6506	\$0.6506	\$0.6506	\$0.6506	\$0.6506	\$0.6506	\$0.6506	\$0.6506									
	COG amount - Winter		\$0.0500	\$0.0500	\$76.72	\$91.38	\$0.0500 \$86.51	\$66.73	\$0.8508 \$40.14	\$413.87									
192 193	COG amount - Winter			\$0Z.30	\$70.72	\$91.30	1 C.00¢	\$00.75	<b>\$40.14</b>	φ413.0 <i>1</i>									
	COG Rate - (Summer)	0000	\$0.6984									\$0.6984	\$0.6984	\$0.6984	\$0.6984	\$0.6984	\$0.6984	\$0.6984	\$0.6589
	COG amount - Summer	_COGs	\$0.0964																
	COG amount - Summer										1.540	\$22.92	\$12.85	\$9.66	\$9.81	\$12.32	\$26.21	\$93.77	\$507.64
196	1040	L D A O	¢0.4040	CO 4040	60 4040	CO 4040	CO 4040	60 4040	¢0.4040	0 4040	_LDACs	¢0.4040	¢0.4040	<b>*</b> 0 4040	60 4040	CO 4040	CO 4040	60 4040	00 4040
	LDAC	_LDACw	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318
	LDAC amount			\$10.61	\$15.54	\$18.51	\$17.53	\$13.52	\$8.13	\$83.84		\$4.33	\$2.43	\$1.82	\$1.85	\$2.32	\$4.95	\$17.70	\$101.54
199																			
	Total Bill			\$96.41	\$137.27	\$161.88	\$153.70	\$120.49	\$75.86	\$745.60		\$61.12	\$41.04	\$34.65	\$34.95	\$39.96	\$67.69	\$279.42	\$1,025.02
201																			
	DIFFERENCE:									AA 4 3 A	1	A40 ==			<b>A</b> A / <b>-</b>		AAA 50	AAA =0	A100 F1
	Total Bill			\$2.75	\$4.03	\$4.80	\$4.54	\$3.50	\$2.10	\$21.72		\$19.75	\$11.08	\$8.32	\$8.45	\$10.61	\$22.58	\$80.79	\$102.51
	% Change			2.85%	2.93%	2.96%	2.95%	2.91%	2.77%	2.91%		32.31%	26.99%	24.01%	24.17%	26.55%	33.36%	28.91%	10.00%
205																			
	Base Rate			\$3.11	\$4.56	\$5.43	\$5.14	\$3.96	\$2.38	\$24.59		\$2.32	\$1.30	\$0.98	\$0.99	\$1.25	\$2.65	\$9.48	\$34.07
207	% Change			9.31%	10.13%	10.45%	10.35%	9.85%	8.64%	9.92%		6.84%	5.05%	4.22%	4.26%	4.92%	7.25%	5.64%	8.19%
208																			
	COG & LDAC			(\$0.36)	(\$0.53)	(\$0.63)	(\$0.60)	(\$0.46)	(\$0.28)	(\$2.87)		\$17.43	\$9.78	\$7.34	\$7.46	\$9.37	\$19.93	\$71.31	\$68.44
	% Change			-0.58%	-0.58%	-0.58%	-0.58%	-0.58%	-0.58%	-0.58%		63.97%	63.97%	63.97%	63.97%	63.97%	63.97%	63.97%	11.23%
	check			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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Summer Season (May - Oct.)

Line No

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211	Winter Season (Jan Apr., Nov Dec.)
212	Commercial/Industrial - Low Annual Use, High Winter Use (G-41)

Summer Season (May - Oct.)

Summer Season (May - Oct.)

212	Commercial/muustrial - Lo	Alinaal 030	, mgn <b>m</b> ia	ci 03c (0-∓i)							-								
213	PROPOSED																		
	Prop_	41		Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter		May-23	Jun-23	Jul-23	Aug-22	Sep-22	Oct-22	Summer	Total
215	average Usage (Therms)			272	423	521	496	364	196	2,273		91	39	26	26	40	108	330	2,603
216																			
217	Winter:																		
218	Cust. Chg	_CST	\$62.03	\$62.03	\$62.03	\$62.03	\$62.03	\$62.03	\$62.03	\$372.18									
219	Headblock	_RATE1w	\$0.5007	\$50.07	\$50.07	\$50.07	\$50.07	\$50.07	\$50.07	\$300.42									
220	Tailblock	_RATE2w	\$0.3469	\$59.73	\$112.03	\$146.19	\$137.35	\$91.72	\$33.27	\$580.27									
221		_BLOCKw	100																
222																			
223	Summer:																		
224	Cust. Chg	_CST	\$62.03									\$62.03	\$62.03	\$62.03	\$62.03	\$62.03	\$62.03	\$372.18	\$744.36
225	Headblock	_RATE1s	\$0.5007									\$10.01	\$10.01	\$10.01	\$10.01	\$10.01	\$10.01	\$60.08	\$360.50
226	Tailblock	_RATE2s	\$0.3469									\$24.55	\$6.61	\$1.97	\$2.25	\$6.89	\$30.50	\$72.77	\$653.04
227	HB Threshold	_BLOCKs	20																
228																			
229				\$171.83	\$224.13	\$258.29	\$249.45	\$203.82	\$145.37	\$1,252.87		\$96.59	\$78.65	\$74.02	\$74.29	\$78.94	\$102.55	\$505.03	\$1,757.91
230																			
231		_COGw	\$1.1749	\$1.1749	\$1.1749	\$1.1749	\$1.1749	\$1.1749	\$1.1749	\$1.1749									
232	COG amount - Winter			\$319.78	\$496.90	\$612.61	\$582.66	\$428.13	\$230.16	\$2,670.24									
233																			
	COG Rate - (Summer)	_COGs	\$1.2303									\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.1819
	COG amount - Summer											\$111.66	\$48.05	\$31.60	\$32.58	\$49.05	\$132.78	\$405.71	\$3,075.95
236											_LDACs								
237		_LDACw	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991
238				\$26.97	\$41.91	\$51.67	\$49.15	\$36.11	\$19.41	\$225.23		\$8.99	\$3.87	\$2.55	\$2.62	\$3.95	\$10.70	\$32.68	\$257.91
239																			
240	Total Bill			\$518.59	\$762.94	\$922.57	\$881.25	\$668.06	\$394.93	\$4,148.35		\$217.25	\$130.57	\$108.16	\$109.49	\$131.94	\$246.02	\$943.42	\$5,091.77

 241
 Winter Season (Jan. - Apr., Nov. - Dec.)

 242
 Commercial/Industrial - Low Annual Use, High Winter Use (G-41)

243	CURRENT																		
244	Cur_	41		Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	Winter		May-22	Jun-22	Jul-23	Aug-21	Sep-21	Oct-21	Summer	Total
	average Usage (Therms)			272	423	521	496	364	196	2,273		91	39	26	26	40	108	330	2,603
246																			
247	Winter:																		
248	Cust. Chg	_CST	\$57.06	\$57.06	\$57.06	\$57.06	\$57.06	\$57.06	\$57.06	\$342.36									
249	Headblock	_RATE1w	\$0.4688	\$46.88	\$46.88	\$46.88	\$46.88	\$46.88	\$46.88	\$281.28									
250	Tailblock	_RATE2w	\$0.3149	\$54.22	\$101.69	\$132.70	\$124.68	\$83.26	\$30.20	\$526.75									
251	HB Threshold	_BLOCKw	100																
252																			
253	Summer:																		
254	Cust. Chg	_CST	\$57.06									\$57.06	\$57.06	\$57.06	\$57.06	\$57.06	\$57.06	\$342.36	\$684.72
255	Headblock	_RATE1s	\$0.4688									\$9.38	\$9.38	\$9.38	\$9.38	\$9.38	\$9.38	\$56.26	\$337.54
256	Tailblock	_RATE2s	\$0.3149									\$22.28	\$6.00	\$1.79	\$2.04	\$6.26	\$27.69	\$66.06	\$592.80
257	HB Threshold	_BLOCKs	20																
258																			
259	Total Base Rate Amount			\$158.16	\$205.63	\$236.64	\$228.62	\$187.20	\$134.14	\$1,150.39		\$88.72	\$72.44	\$68.23	\$68.48	\$72.69	\$94.12	\$464.67	\$1,615.06
260																			
261	COG Rate - (Winter)		\$1.1831	\$1.1831	\$1.1831	\$1.1831	\$1.1831	\$1.1831	\$1.1831	\$1.1831									
262	COG amount - Winter			\$322.02	\$500.37	\$616.89	\$586.73	\$431.12	\$231.76	\$2,688.88									
263																			
264	COG Rate - (Summer)	_COGs	\$1.2303									\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.1891
265	COG amount - Summer											\$111.66	\$48.05	\$31.60	\$32.58	\$49.05	\$132.78	\$405.71	\$3,094.59
266											_LDACs								
267	LDAC	_LDACw	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991
	LDAC amount			\$26.97	\$41.91	\$51.67	\$49.15	\$36.11	\$19.41	\$225.23		\$8.99	\$3.87	\$2.55	\$2.62	\$3.95	\$10.70	\$32.68	\$257.91
269																			
	Total Bill			\$507.15	\$747.92	\$905.20	\$864.49	\$654.43	\$385.31	\$4,064.49		\$209.37	\$124.35	\$102.37	\$103.68	\$125.69	\$237.60	\$903.06	\$4,967.56
271 272	DIFFERENCE:																		
	Total Bill			\$11.44	\$15.03	\$17.37	\$16.76	\$13.63	\$9.62	\$83.85	1	\$7.87	\$6.22	\$5.79	\$5.82	\$6.24	\$8.42	\$40.36	\$124.21
	% Change			2.26%	2.01%	1.92%	1.94%	2.08%	2.50%	2.06%		3.76%	5.00%	5.66%	\$5.82 5.61%	4.97%	3.54%	4.47%	2.50%
274	% Change			2.20 /0	2.0170	1.32 /6	1.3478	2.00 /8	2.50 /8	2.00 /8		5.70%	5.00 /8	3.00 /8	5.0176	4.37 /6	5.5478	4.47 /0	2.50 /6
	Base Rate			\$13.67	\$18.49	\$21.65	\$20.83	\$16.62	\$11.23	\$102.49		\$7.87	\$6.22	\$5.79	\$5.82	\$6.24	\$8.42	\$40.36	\$142.85
270	% Change			8.64%	8.99%	9.15%	9.11%	8.88%	8.37%	8.91%		8.87%	8.58%	8.49%	8.49%	8.59%	\$0.42 8.95%	8.69%	8.84%
278	70 Ghange			0.0470	0.0070	5.1570	0.1170	0.00 /0	0.0770	0.0170		0.0770	0.0070	0.4070	0.4070	0.0070	0.0070	0.0070	0.0470
	COG & LDAC			(\$2.23)	(\$3.47)	(\$4.28)	(\$4.07)	(\$2.99)	(\$1.61)	(\$18.64)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$18.64)
280	% Change			-0.64%	-0.64%	-0.64%	-0.64%	-0.64%	-0.64%	-0.64%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.56%
200	check			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
				÷ = 100	+ - 100	+	+ - 100	+	+1.00	÷1.00		+1.00	+	+ - 100	÷ = 100	÷ = . 0 0	+1.00	÷ 1.00	÷1.90

Line

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281	Winter Season (Jan Apr., Nov Dec.)
282	Commercial/Industrial - Medium Annual Use, High Winter Use (G-42)

### Summer Season (May - Oct.)

Summer Season (May - Oct.)

202	oominici ciui/industriui - inc	alamitaali	eee, mgn r	111101 000 (0															
283	PROPOSED																		
284	Prop_	42		Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	Winter		May-22	Jun-22	Feb-00	Aug-21	Sep-21	Oct-21	Dec-00	685
285	average Usage (Therms)			2,568	3,796	4,442	4,284	3,296	2,004	20,390		1,039	507	4,284	368	548	1,203	7,948	28,338
286																			
287	Winter:																		
288	Cust. Chg	_CST	\$186.03	\$186.03	\$186.03	\$186.03	\$186.03	\$186.03	\$186.03	\$1,116.18									
289	Headblock	RATE1w	\$0.4558	\$455.80	\$455.80	\$455.80	\$455.80	\$455.80	\$455.80	\$2,734.80									
290	Tailblock	RATE2w	\$0.3136	\$491.64	\$876.94	\$1,079.55	\$1,029.75	\$719.89	\$315.01	\$4,512.78									
291	HB Threshold	BLOCKw	1,000																
292		-																	
293	Summer:																		
294	Cust. Chg	_CST	\$186.03									\$186.03	\$186.03	\$186.03	\$186.03	\$186.03	\$186.03	\$1,116.18	\$2,232.36
295	Headblock	RATE1s	\$0.4558									\$182.32	\$182.32	\$182.32	\$167.84	\$182.32	\$182.32	\$1,079.44	\$3,814.24
296	Tailblock	RATE2s	\$0.3136									\$200.41	\$33.44	\$1,217.91	\$0.00	\$46.26	\$251.81	\$1,749.84	\$6,262.62
297	HB Threshold	BLOCKs	400									-					-		
298																			
299	Total Base Rate Amount			\$1.133.47	\$1.518.77	\$1,721.38	\$1.671.58	\$1,361.72	\$956.84	\$8,363.76		\$568.76	\$401.79	\$1,586.26	\$353.87	\$414.61	\$620.16	\$3,945.45	\$12,309.22
300												-					-		
301	COG Rate - (Winter)	COGw	\$1.1749	\$1.1749	\$1.1749	\$1.1749	\$1.1749	\$1.1749	\$1.1749	\$1.1749									
302	COG amount - Winter	-		\$3,016.82	\$4,460.34	\$5,219.44	\$5,032.85	\$3,871.96	\$2,355.09	\$23,956.50									
303																			
304	COG Rate - (Summer)	_COGs	\$1.2303									\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.1904
305	COG amount - Summer	-										\$1,278.36	\$623.33	\$5,270.16	\$453.03	\$673.62	\$1,480.00	\$9,778.50	\$33,735.00
306											LDACs								
307	LDAC	LDACw	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991
308	LDAC amount	-		\$254.46	\$376.22	\$440.25	\$424.51	\$326.59	\$198.65	\$2,020.67		\$102.97	\$50.21	\$424.51	\$36.49	\$54.26	\$119.21	\$787.65	\$2,808.33
309																			
310	Total Bill			\$4,404.76	\$6,355.33	\$7,381.07	\$7,128.94	\$5,560.27	\$3,510.57	\$34,340.94		\$1,950.09	\$1,075.33	\$7,280.93	\$843.39	\$1,142.50	\$2,219.37	\$14,511.60	\$48,852.54
										•								•	•

 311
 Winter Season (Jan. - Apr., Nov. - Dec.)

 312
 Commercial/Industrial - Medium Annual Use, High Winter Use (G-42)

313	CURRENT																		
314	Cur_	42		Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	Winter		May-22	Jun-22	Feb-00	Aug-21	Sep-21	Oct-21	Dec-00	685
315	average Usage (Therms)			2,568	3,796	4,442	4,284	3,296	2,004	20,390		1,039	507	4,284	368	548	1,203	7,948	28,338
316																			
317	Winter:																		
318	Cust. Chg	CST	\$171.19	\$171.19	\$171.19	\$171.19	\$171.19	\$171.19	\$171.19	\$1,027.14									
319	Headblock	RATE1w	\$0.4261	\$426.10	\$426.10	\$426.10	\$426.10	\$426.10	\$426.10	\$2,556.60									
320	Tailblock	RATE2w	\$0.2839	\$445.08	\$793.89	\$977.31	\$932.23	\$651.71	\$285.18	\$4,085.39									
321	HB Threshold	BLOCKw	1,000																
322		-																	
323	Summer:																		
324	Cust. Chg	CST	\$171.19									\$171.19	\$171.19	\$171.19	\$171.19	\$171.19	\$171.19	\$1,027.14	\$2,054.28
325	Headblock	RATE1s	\$0.4261									\$170.44	\$170.44	\$170.44	\$156.90	\$170.44	\$170.44	\$1,009,10	\$3,565.70
326	Tailblock	RATE2s	\$0.2839									\$181.43	\$30.28	\$1,102.57	\$0.00	\$41.88	\$227.96	\$1,584.12	\$5,669.51
327	HB Threshold	BLOCKs	400																
328		-																	
329	Total Base Rate Amount			\$1,042.37	\$1,391.18	\$1,574.60	\$1,529.52	\$1,249.00	\$882.47	\$7,669.13		\$523.06	\$371.91	\$1,444.20	\$328.09	\$383.51	\$569.59	\$3,620.36	\$11,289.49
330																			
331	COG Rate - (Winter)		\$1.1831	\$1,1831	\$1.1831	\$1,1831	\$1,1831	\$1.1831	\$1,1831	\$1,1831									
332	COG amount - Winter		•	\$3,037.88	\$4,491.47	\$5,255.87	\$5,067.98	\$3,898.98	\$2,371.52	\$24,123.70									
333																			
334	COG Rate - (Summer)	_COGs	\$1.2303									\$1,2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.1963
335	COG amount - Summer		• • • • •									\$1,278.36	\$623.33	\$5,270.16	\$453.03	\$673.62	\$1,480.00	\$9,778.50	\$33,902.20
336											LDACs								
337	LDAC	LDACw	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991
338	LDAC amount			\$254.46	\$376.22	\$440.25	\$424.51	\$326.59	\$198.65	\$2.020.67		\$102.97	\$50.21	\$424.51	\$36.49	\$54.26	\$119.21	\$787.65	\$2.808.33
339												,							
340	Total Bill			\$4,334.71	\$6,258.87	\$7,270.72	\$7,022.00	\$5,474.58	\$3,452.64	\$33,813.51		\$1,904.39	\$1,045.44	\$7,138.87	\$817.61	\$1,111.40	\$2,168.80	\$14,186.51	\$48,000.01
341											-								
342	DIFFERENCE:																		
343	Total Bill			\$70.05	\$96.46	\$110.35	\$106.94	\$85.69	\$57.94	\$527.43		\$45.70	\$29.89	\$142.06	\$25.78	\$31.10	\$50.57	\$325.10	\$852.53
344	% Change			1.62%	1.54%	1.52%	1.52%	1.57%	1.68%	1.56%		2.40%	2.86%	1.99%	3.15%	2.80%	2.33%	2.29%	1.78%
345	-																		
346	Base Rate			\$91.10	\$127.59	\$146.78	\$142.06	\$112.72	\$74.37	\$694.63		\$45.70	\$29.89	\$142.06	\$25.78	\$31.10	\$50.57	\$325.10	\$1,019.73
347	% Change			8.74%	9.17%	9.32%	9.29%	9.02%	8.43%	9.06%		8.74%	8.04%	9.84%	7.86%	8.11%	8.88%	8.98%	9.03%
348																			
349	COG & LDAC			(\$21.06)	(\$31.13)	(\$36.43)	(\$35.13)	(\$27.02)	(\$16.44)	(\$167.20)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$167.20)
350	% Change			-0.64%	-0.64%	-0.64%	-0.64%	-0.64%	-0.64%	-0.64%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.46%
	check			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Line

Line No

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### Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Bill Impact Analysis - Cost of Gas Filing Methodology

351 Winter Season (Jan. - Apr., Nov. - Dec.) 352 Commercial/Industrial - High Annual Use, High Winter Use (G-43)

### Summer Season (May - Oct.)

Summer Season (May - Oct.)

552	commercial/muustrial - mg	In Annual 050	, ingh tin																
353	PROPOSED																		
354	Prop_	43		Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter		May-23	Jun-23	Jul-23	Aug-22	Sep-22	Oct-22	Summer	Total
355	average Usage (Therms)			23,661	31,955	31,276	29,903	24,765	17,078	158,638		11,030	6,524	5,278	6,059	7,044	12,595	48,531	207,169
356																			
357	Winter:																		
358	Cust. Chg	_CST	\$796.32	\$796.32	\$796.32	\$796.32	\$796.32	\$796.32	\$796.32	\$4,777.92									
359	Headblock	_RATE1w	\$0.2814	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00									
360	Tailblock	_RATE2w	\$0.2814	\$6,658.24	\$8,992.19	\$8,801.03	\$8,414.59	\$6,968.88	\$4,805.75	\$44,640.67									
361	HB Threshold	_BLOCKw	-																
362																			
363	Summer:																		
364	Cust. Chg	_CST	\$796.32									\$796.32	\$796.32	\$796.32	\$796.32	\$796.32	\$796.32	\$4,777.92	\$9,555.84
365	Headblock	_RATE1s	\$0.1392									\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
366	Tailblock	_RATE2s	\$1.3920									\$15,353.28	\$9,081.89	\$7,347.09	\$8,434.41	\$9,805.90	\$17,532.37	\$67,554.95	\$112,195.62
367	HB Threshold	_BLOCKs	-																
368																			
369	Total Base Rate Amount			\$7,454.56	\$9,788.51	\$9,597.35	\$9,210.91	\$7,765.20	\$5,602.07	\$49,418.59		\$16,149.60	\$9,878.21	\$8,143.41	\$9,230.73	\$10,602.22	\$18,328.69	\$72,332.87	\$121,751.46
370																			
371	COG Rate - (Winter)	_COGw	\$1.1749	\$1.1749	\$1.1749	\$1.1749	\$1.1749	\$1.1749	\$1.1749	\$1.1749									
372	COG amount - Winter			\$27,799.47	\$37,544.14	\$36,746.00	\$35,132.55	\$29,096.42	\$20,064.96	\$186,383.54									
373																			
374	COG Rate - (Summer)	_COGs	\$1.2303									\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.1879
375	COG amount - Summer											\$13,569.79	\$8,026.90	\$6,493.63	\$7,454.64	\$8,666.81	\$15,495.75	\$59,707.51	\$246,091.05
376											_LDACs								
377	LDAC	_LDACw	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991
378	LDAC amount			\$2,344.82	\$3,166.76	\$3,099.44	\$2,963.35	\$2,454.21	\$1,692.43	\$15,721.01		\$1,093.04	\$646.56	\$523.06	\$600.47	\$698.11	\$1,248.17	\$4,809.41	\$20,530.41
379																			
380	Total Bill			\$37,598.85	\$50,499.41	\$49,442.78	\$47,306.80	\$39,315.83	\$27,359.46	\$251,523.14		\$30,812.43	\$18,551.67	\$15,160.09	\$17,285.84	\$19,967.13	\$35,072.61	\$136,849.78	\$388,372.92

### Winter Season (Jan. - Apr., Nov. - Dec.) 381

Commercial/Industrial - High Annual Use, High Winter Use (G-43) 382

383 CURRENT 43 384 Cur Nov-21 Dec-21 Jan-22 Feb-22 Mar-22 Apr-22 Winter May-22 Jun-22 Jul-23 Aug-21 Sep-21 Oct-21 Summer Total 207,169 385 average Usage (Therms) 23,661 31,955 31,276 29,903 24,765 17,078 158,638 11,030 6,524 5,278 6,059 7,044 12,595 48.531 386 387 Winter: 388 Cust. Chg CST \$734.69 \$734.69 \$734.69 \$734.69 \$734.69 \$734.69 \$734.69 \$4,408.14 389 leadblock RATE1w \$0.2620 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 390 ailblock \$0.2620 \$6.199.22 \$8.372.26 \$8,194,27 \$7.834.48 \$6.488.43 \$4.474.44 \$41.563.10 391 HB Threshold BLOCKw 392 393 Summer 394 Cust. Chg CST \$734.69 \$734.69 \$734.69 \$734.69 \$734.69 \$734.69 \$734.69 \$4,408.14 \$8,816.28 RATE1s \$0.1198 \$0.00 \$0.00 \$0.00 \$0.00 395 Headblock \$0.00 \$0.00 \$0.00 \$0.00 396 Tailblock RATE2s \$0.1198 \$1,321.35 \$781.62 \$632.31 \$725.89 \$843.93 \$1,508.89 \$5,814.00 \$47,377.10 397 HB Threshold BLOCKs 398 399 Total Base Rate Amount \$6.933.91 \$9.106.95 \$8.928.96 \$8.569.17 \$7.223.12 \$5.209.13 \$45.971.24 \$2.056.04 \$1.516.31 \$1.367.00 \$1.460.58 \$1.578.62 \$2.243.58 \$10.222.14 \$56.193.38 400 401 COG Rate - (Winter) \$1.1831 \$1.1831 \$1.1831 \$1.1831 \$1.1831 \$1.1831 \$1.1831 \$1.1831 402 COG amount - Winter \$27,993.49 \$37,806.18 \$37,002.46 \$35,377.75 \$29,299.49 \$20,205.00 \$187,684.37 403 404 COG Rate - (Summer) COGs \$1.2303 \$1 2303 \$1 2303 \$1 2303 \$1 2303 \$1 2303 \$1 2303 \$1 2303 \$1 1942 405 COG amount - Summer \$13,569.79 \$8,026.90 \$6,493.63 \$7,454.64 \$8,666.81 \$15,495.75 \$59,707.51 \$247,391.88 406 I DAC \$0.0991 \$0.0991 407 DAC LDACw \$0.099 \$0.0991 \$0.0991 \$0.0991 \$0.0991 \$0.0991 \$0.0991 \$0.0991 \$0.0991 \$0.0991 \$0.0991 \$0.0991 \$0.0991 \$0.0991 \$0.0991 DAC amount \$3,166.76 \$3,099.44 \$2,454.21 \$1,692.43 \$15,721.01 \$1,093.04 \$646.56 \$523.06 \$600.47 \$698.11 \$1,248.17 \$4,809.41 \$20,530.41 408 \$2,344.82 \$2,963.35 409 410 Total Bill \$37,272.22 \$50,079.88 \$49,030.86 \$46,910.27 \$38,976.83 \$27,106.56 \$249,376.62 \$16,718.87 \$10,189.77 \$8,383.69 \$9,515.69 \$10,943.53 \$18,987.50 \$74,739.05 \$324,115.67 411 412 DIFFERENCE: 413 Total Bill \$326.63 \$419.53 \$411.92 \$396.54 \$339.00 \$252.90 \$2,146.52 \$14,093.56 \$8,361.90 \$6,776.41 \$7,770.15 \$9,023.60 \$16,085.11 \$62,110.73 \$64.257.25 414 % Change 0.88% 0.84% 0.84% 0.85% 0.87% 0.93% 0.86% 84.30% 82.06% 80.83% 81.66% 82.46% 84.71% 83.10% 19.83% 415 \$520.66 \$681.56 \$668.38 \$641 74 \$542.07 \$392.94 \$3,447.35 \$14 093 56 \$8 361 90 \$6 776 41 \$7 770 15 \$9 023 60 \$16 085 11 \$62 110 73 \$65 558 08 416 Base Rate 7.48% 417 % Change 7.51% 7.49% 7.49% 7.50% 7.54% 7.50% 685.47% 551.47% 495.71% 531.99% 571.61% 716.94% 607.61% 116.67% 418 COG & LDAC (\$194.02) (\$262.03) (\$256.46) (\$245.20) (\$203.07) (\$140.04) (\$1,300.83) \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 (\$1,300.83) 419 420 % Change -0.64% -0.64% -0.64% -0.64% -0.64% -0.64% -0.64% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% -0.49% check \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00

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421 Winter Season (Jan Apr., Nov Dec.)	421	Winter Season (Jan Apr., Nov Dec.)
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Summer Season (May - Oct.)

Summer Season (May - Oct.)

421	Winter Ocusion (Juni - Apr.,											ounner ocu	son (may - oc						
422	Commercial/Industrial - Lov	w Annual Use	, Low Winte	er Use (G-51)							_								
423	PROPOSED																		
424	Prop_	51		Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter		May-23	Jun-23	Jul-23	Aug-22	Sep-22	Oct-22	Summer	Total
	average Usage (Therms)			279	339	379	366	317	261	1,942		225	194	173	191	195	212	1,190	3,133
426																			
427	Winter:																		
428	Cust. Chg	_CST	\$62.08	\$62.08	\$62.08	\$62.08	\$62.08	\$62.08	\$62.08	\$372.48									
429	Headblock	_RATE1w	\$0.3020	\$30.20	\$30.20	\$30.20	\$30.20	\$30.20	\$30.20	\$181.20									
430	Tailblock	_RATE2w	\$0.2034	\$36.48	\$48.64	\$56.84	\$54.10	\$44.16	\$32.80	\$273.02									
431	HB Threshold	BLOCKw	100																
432																			
433	Summer:																		
434	Cust. Chg	_CST	\$62.08									\$62.08	\$62.08	\$62.08	\$62.08	\$62.08	\$62.08	\$372.48	\$744.96
435	Headblock	_RATE1s	\$0.3020									\$30.20	\$30.20	\$30.20	\$30.20	\$30.20	\$30.20	\$181.20	\$362.40
436	Tailblock	_RATE2s	\$0.2034									\$25.40	\$19.20	\$14.85	\$18.54	\$19.36	\$22.73	\$120.09	\$393.10
437	HB Threshold	_BLOCKs	100																
438																			
439	Total Base Rate Amount			\$128.76	\$140.92	\$149.12	\$146.38	\$136.44	\$125.08	\$826.70		\$117.68	\$111.48	\$107.13	\$110.82	\$111.64	\$115.01	\$673.77	\$1,500.46
440																			
441	COG Rate - (Winter)	_COGw	\$1.1732		\$1.1732	\$1.1732	\$1.1732	\$1.1732	\$1.1732	\$1.1732									
	COG amount - Winter			\$327.72	\$397.90	\$445.15	\$429.34	\$372.04	\$306.51	\$2,278.66									
443																			
		_COGs	\$1.2284									\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.1942
	COG amount - Summer											\$276.25	\$238.79	\$212.50	\$234.83	\$239.79	\$260.12	\$1,462.28	\$3,740.95
446		1540	<b>AA AAA</b>						<b>*</b> *****	<b>*</b> *****	_LDACs	<b>*</b> ******	<b>*</b> *****	<b>A</b> A AAA (			<b>A</b> A AAAA	<b>*</b> *****	
447	LDAC	_LDACw	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991
	LDAC amount			\$27.68	\$33.61	\$37.60	\$36.27	\$31.43	\$25.89	\$192.48		\$22.29	\$19.26	\$17.14	\$18.94	\$19.34	\$20.98	\$117.97	\$310.45
449				A					·· ··										
450	Total Bill			\$484.16	\$572.43	\$631.87	\$611.98	\$539.91	\$457.48	\$3,297.84	]	\$416.22	\$369.54	\$336.77	\$364.60	\$370.77	\$396.11	\$2,254.02	\$5,551.86

451 Winter Season (Jan. - Apr., Nov. - Dec.) 452 Commercial/Industrial - Low Annual Use, Low Winter Use (G-51) 453 CUBRENT

453	CURRENT																		
454	Cur_	51		Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	Winter		May-22	Jun-22	Jul-23	Aug-21	Sep-21	Oct-21	Summer	Total
455	average Usage (Therms)			279	339	379	366	317	261	1,942		225	194	173	191	195	212	1,190	3,133
456																			
457	Winter:																		
458	Cust. Chg	CST	\$57.06	\$57.06	\$57.06	\$57.06	\$57.06	\$57.06	\$57.06	\$342.36									
459	Headblock	RATE1w	\$0.2819	\$28.19	\$28.19	\$28.19	\$28.19	\$28.19	\$28.19	\$169.14									
460	Tailblock	RATE2w	\$0.1833	\$32.87	\$43.84	\$51.22	\$48.75	\$39.80	\$29.56	\$246.04									
461	HB Threshold	BLOCKw	100																
462																			
463	Summer:																		
464	Cust. Chg	_CST	\$57.06									\$57.06	\$57.06	\$57.06	\$57.06	\$57.06	\$57.06	\$342.36	\$684.72
465	Headblock	RATE1s	\$0.2819									\$28.19	\$28.19	\$28.19	\$28.19	\$28.19	\$28.19	\$169.14	\$338.28
466	Tailblock	RATE2s	\$0.1833									\$22.89	\$17.30	\$13.38	\$16.71	\$17.45	\$20.48	\$108.22	\$354.26
467	HB Threshold	BLOCKs	100													• · · · · •	+=++++	*	
468																			
469	Total Base Rate Amount			\$118.12	\$129.09	\$136.47	\$134.00	\$125.05	\$114.81	\$757.54		\$108.14	\$102.55	\$98.63	\$101.96	\$102.70	\$105.73	\$619.72	\$1,377.26
470									-										
471	COG Rate - (Winter)		\$1.1814	\$1.1814	\$1.1814	\$1.1814	\$1.1814	\$1.1814	\$1,1814	\$1.1814									
472	COG amount - Winter			\$330.01	\$400.68	\$448.26	\$432.34	\$374.64	\$308.65	\$2,294.59									
473									-										
474	COG Rate - (Summer)	COGs	\$1.2284									\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.1993
475	COG amount - Summer	-										\$276.25	\$238.79	\$212.50	\$234.83	\$239.79	\$260.12	\$1,462.28	\$3,756.87
476											LDACs	-							
477	LDAC	LDACw	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991
478	LDAC amount	-		\$27.68	\$33.61	\$37.60	\$36.27	\$31.43	\$25.89	\$192.48		\$22.29	\$19.26	\$17.14	\$18.94	\$19.34	\$20.98	\$117.97	\$310.45
479									-										
480	Total Bill			\$475.82	\$563.37	\$622.33	\$602.61	\$531.12	\$449.35	\$3,244.61		\$406.68	\$360.61	\$328.27	\$355.73	\$361.83	\$386.84	\$2,199.97	\$5,444.58
481	<u></u>																		· · · · · · · · · · · · · · · · · · ·
482	DIFFERENCE:										_								
483	Total Bill			\$8.34	\$9.06	\$9.54	\$9.37	\$8.79	\$8.13	\$53.23		\$9.54	\$8.93	\$8.50	\$8.86	\$8.94	\$9.28	\$54.05	\$107.28
484	% Change			1.75%	1.61%	1.53%	1.56%	1.66%	1.81%	1.64%		2.35%	2.48%	2.59%	2.49%	2.47%	2.40%	2.46%	1.97%
485																			
486	Base Rate			\$10.63	\$11.84	\$12.65	\$12.38	\$11.39	\$10.27	\$69.16		\$9.54	\$8.93	\$8.50	\$8.86	\$8.94	\$9.28	\$54.05	\$123.21
487	% Change			9.00%	9.17%	9.27%	9.24%	9.11%	8.95%	9.13%		8.82%	8.71%	8.62%	8.69%	8.71%	8.77%	8.72%	8.95%
488											1								
489	COG & LDAC			(\$2.29)	(\$2.78)	(\$3.11)	(\$3.00)	(\$2.60)	(\$2.14)	(\$15.93)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$15.93)
490	% Change			-0.64%	-0.64%	-0.64%	-0.64%	-0.64%	-0.64%	-0.64%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.39%

Line

Line

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Bill Impact Analysis - Cost of Gas Filing Methodology

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Summer Season (May - Oct.)

491	Winter Season (Jan Apr., Commercial/Industrial - Me	Summer Season (May - Oct.)																	
493	PROPOSED	ululii Alilluai	036, LOW W		52)						1								
494	Prop_	52		Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter		May-23	Jun-23	Jul-23	Aug-22	Sep-22	Oct-22	Summer	Total
495	average Usage (Therms)			2,236	2,594	2,953	2,830	2,492	2,049	15,155		1,655	1,433	1,349	1,430	1,501	1,720	9,088	24,242
496																			
497	Winter:																		
	Cust. Chg	_CST	\$185.80	\$185.80	\$185.80	\$185.80	\$185.80	\$185.80	\$185.80	\$1,114.80									
	Headblock	_RATE1w	\$0.2602	\$260.20	\$260.20	\$260.20	\$260.20	\$260.20	\$260.20	\$1,561.20									
500	Tailblock	_RATE2w	\$0.1791	\$221.35	\$285.50	\$349.80	\$327.83	\$267.26	\$187.84	\$1,639.58									
501	HB Threshold	_BLOCKw	1,000																
502	-																		
503	Summer:	007	A 4 9 5 9 9										A 4 9 5 9 9		A 4 9 5 9 9				<b>*</b> ** ***
504	Cust. Chg	_CST	\$185.80									\$185.80	\$185.80	\$185.80	\$185.80	\$185.80	\$185.80	\$1,114.80	\$2,229.60
505	Headblock Tailblock	_RATE1s RATE2s	\$0.1933 \$0.1174									\$193.30 \$76.95	\$193.30 \$50.82	\$193.30 \$41.01	\$193.30 \$50.48	\$193.30 \$58.78	\$193.30 \$84.48	\$1,159.80 \$362.51	\$2,721.00 \$2,002.09
506 507	HB Threshold	BLOCKs	\$0.1174 1,000									\$70.95	\$00.6Z	φ41.01	\$30.46	\$30.70	\$04.40	\$302.51	\$2,002.09
508	FIB THIESHOLD	_BLOCKS	1,000																
508	Total Base Rate Amount			\$667.35	\$731.50	\$795.80	\$773.83	\$713.26	\$633.84	\$4,315.58		\$456.05	\$429.92	\$420.11	\$429.58	\$437.88	\$463.58	\$2,637.11	\$6,952.69
510	Total Dase Nate Amount			ψ007.55	ψ/51.50	ψ135.00	ψ115.05	φ/ 15.20	ψ000.0 <del>4</del>	φ4,515.50		φ+30.03	ψ423.32	φ420.11	ψ <del>4</del> 23.50	φ457.00	φ+05.50	φ2,007.11	φ0,352.03
511	COG Rate - (Winter)	COGw	\$1.1732	\$1.1732	\$1,1732	\$1.1732	\$1,1732	\$1.1732	\$1.1732	\$1,1732									
512	COG amount - Winter	_0000	¢02	\$2.623.18	\$3.043.39	\$3,464.57	\$3,320.63	\$2,923.92	\$2,403.63	\$17,779.32									
513				+=,-=				+-,		• ,									
	COG Rate - (Summer)	COGs	\$1.2284									\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.1939
515	COG amount - Summer											\$2,033.51	\$1,760.13	\$1,657.52	\$1,756.60	\$1,843.40	\$2,112.31	\$11,163.47	\$28,942.79
516											_LDACs								
517	LDAC	_LDACw	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991
518	LDAC amount			\$221.58	\$257.07	\$292.65	\$280.49	\$246.98	\$203.03	\$1,501.82		\$164.05	\$142.00	\$133.72	\$141.71	\$148.71	\$170.41	\$900.60	\$2,402.42
519																			
520	Total Bill			\$3,512.11	\$4,031.97	\$4,553.02	\$4,374.95	\$3,884.16	\$3,240.50	\$23,596.72		\$2,653.61	\$2,332.04	\$2,211.35	\$2,327.90	\$2,429.99	\$2,746.29	\$14,701.19	\$38,297.90

521 Winter Season (Jan. - Apr., Nov. - Dec.) 522 Commercial/Industrial - Medium Annual Use, Low Winter Use (G-52) 523 [CIIBERNT

523	CURRENT																		
524	Cur_	52		Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	Winter		May-22	Jun-22	Jul-23	Aug-21	Sep-21	Oct-21	Summer	Total
525	average Usage (Therms)			2,236	2,594	2,953	2,830	2,492	2,049	15,155	1	1,655	1,433	1,349	1,430	1,501	1,720	9,088	24,242
526																			
527	Winter:																		
	Cust. Chg	CST	\$171.19	\$171.19	\$171.19	\$171.19	\$171.19	\$171.19	\$171.19	\$1.027.14									
529	Headblock	RATE1w	\$0.2428	\$242.80	\$242.80	\$242.80	\$242.80	\$242.80	\$242.80	\$1,456.80									
530	Tailblock	RATE2w	\$0.1617	\$199.85	\$257.76	\$315.82	\$295.98	\$241.30	\$169.59	\$1,480.29									
531	HB Threshold	BLOCKw	1,000	φ100.00	φ201.10	\$010.02	φ200.00	φ2+1.00	φ100.00	ψ1, <del>4</del> 00.20									
532	TD THeatold		1,000																
	Summer:																		
534	Cust. Chg	CST	\$171.19									\$171.19	\$171.19	\$171.19	\$171.19	\$171.19	\$171.19	\$1,027.14	\$2,054.28
535	Headblock	RATE1s	\$0.1749									\$174.90	\$174.90	\$174.90	\$174.90	\$174.90	\$174.90	\$1,049.40	\$2,506.20
	Tailblock	RATE2s	\$0.1749									\$65.54	\$43.29		\$43.00	\$50.07	\$71.96	\$308.78	
	HB Threshold	BLOCKs	\$0.1000 1,000									\$05.54	\$43.29	\$34.93	\$43.00	\$50.07	φ/1.90	\$300.70	\$1,789.07
537 538	HB THreshold	_BLUCKS	1,000																
539	Total Base Rate Amount			\$613.84	\$671.75	\$729.81	\$709.97	\$655.29	\$583.58	\$3,964.23		\$411.63	\$389.38	\$381.02	\$389.09	\$396.16	\$418.05	\$2,385.32	\$6,349.55
539 540	Total Base Rate Allount			<b>4013.04</b>	φ0/1./J	\$129.01	\$109.91	φ000.29	φ000.00	φ3,904.23		φ411.03	<b>\$309.30</b>	φ301.0Z	\$309.09	\$390.TO	φ <del>4</del> 10.05	φ2,303.32	\$0,349.33
			\$1,1732	\$1.1732	\$1.1732	\$1,1732	\$1.1732	\$1.1732	\$1,1732	\$1.1732									
541	COG Rate - (Winter)		\$1.1732	\$1.1732			\$1.1732 \$3,320.63												
542 543	COG amount - Winter			\$2,623.18	\$3,043.39	\$3,464.57	\$3,320.63	\$2,923.92	\$2,403.63	\$17,779.32									
	000 Data (0	000-	¢4.000.4									64 0004	¢4 0004	¢4.000.4	¢4.000.4	¢4.000.4	¢4.0004	£4.0004	¢4 4000
544	COG Rate - (Summer)	_COGs	\$1.2284									\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.1939
	COG amount - Summer											\$2,033.51	\$1,760.13	\$1,657.52	\$1,756.60	\$1,843.40	\$2,112.31	\$11,163.47	\$28,942.79
546										<b>*</b> ******	_LDACs	AA AAA4	<b>A</b> A AAA4	<b>A</b> A AAA4					
	LDAC	_LDACw	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991
	LDAC amount			\$221.58	\$257.07	\$292.65	\$280.49	\$246.98	\$203.03	\$1,501.82		\$164.05	\$142.00	\$133.72	\$141.71	\$148.71	\$170.41	\$900.60	\$2,402.42
549																			
	Total Bill			\$3,458.60	\$3,972.22	\$4,487.03	\$4,311.09	\$3,826.19	\$3,190.24	\$23,245.37	1	\$2,609.20	\$2,291.50	\$2,172.26	\$2,287.40	\$2,388.27	\$2,700.76	\$14,449.40	\$37,694.77
551	DIFFERENCE																		
552 553	DIFFERENCE: Total Bill			AF0 F4	***	<b>*</b> ~~ ~~	£00.00	<b>*-7 0</b> 0	650.00	£054.05	1	¢ 4 4 4 4	¢ 40 E 4	£00.00	¢ 40, 40	£ 44 <b>7</b> 0	£45 50	£054 70	6000.44
	% Change			\$53.51 1.55%	\$59.75 1.50%	\$65.99 1.47%	\$63.86 1.48%	\$57.98 1.52%	\$50.26 1.58%	\$351.35 1.51%		\$44.41 1.70%	\$40.54 1.77%	\$39.09 1.80%	\$40.49 1.77%	\$41.72 1.75%	\$45.53 1.69%	\$251.79 1.74%	\$603.14 1.60%
554	% Change			1.55%	1.50%	1.47%	1.40%	1.52%	1.30%	1.51%		1.70%	1.77%	1.00%	1.7770	1.75%	1.09%	1.74%	1.00%
555	Dava Data			<b>*</b> 50.54	<b>*</b> 50.75	<b>*</b> ~~ ~~	<b>*</b> ~~ ~~	<b>*-7 00</b>	¢50.00	<b>6054 05</b>		644.44	¢40.54	<b>*</b> 20.00	¢ 40, 40	¢ 44 70	¢45 50	CO54 70	0000 44
	Base Rate			\$53.51	\$59.75	\$65.99	\$63.86	\$57.98	\$50.26	\$351.35		\$44.41	\$40.54	\$39.09	\$40.49	\$41.72	\$45.53	\$251.79	\$603.14
557	% Change			8.72%	8.89%	9.04%	8.99%	8.85%	8.61%	8.86%		10.79%	10.41%	10.26%	10.41%	10.53%	10.89%	10.56%	9.50%
558	000 8 1 8 40			<b>*</b> 0.00	<b>*</b> 0.00	<b>*</b> 0.00	¢0.00	<b>*</b> 0.00	¢0.00	¢0.00		<b>*</b> 0.00	<b>*</b> 0.00	<b>60.00</b>	<b>60.00</b>	<b>60.00</b>	¢0.00	<b>*</b> 0.00	¢0.00
	COG & LDAC			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
560	% Change			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	]	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	check			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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### Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Bill Impact Analysis - Cost of Gas Filing Methodology

561 Winter Season (Jan. - Apr., Nov. - Dec.) 562 Commercial/Industrial - High Annual Use, Load Factor Less Than 90% (G-53)

### Summer Season (May - Oct.)

Summer Season (May - Oct.)

002	Commercial/muustrial - Hig	II Allilual 03e	, Loau i ac		1 30 % (0-33)														
563	PROPOSED																		
564	Prop_	53		Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter		May-23	Jun-23	Jul-23	Aug-22	Sep-22	Oct-22	Summer	Total
	average Usage (Therms)			27,160	31,349	35,590	32,054	29,450	24,278	179,882		21,519	19,047	19,313	21,119	19,654	22,956	123,608	303,490
566																			
567	Winter:																		
568	Cust. Chg	_CST	\$821.64	\$821.64	\$821.64	\$821.64	\$821.64	\$821.64	\$821.64	\$4,929.84									
569	Headblock	_RATE1w	\$0.1819	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00									
570	Tailblock	_RATE2w	\$0.1819	\$4,940.44	\$5,702.44	\$6,473.83	\$5,830.59	\$5,357.00	\$4,416.18	\$32,720.48									
571	HB Threshold	_BLOCKw	-																
572																			
573	Summer:																		
574	Cust. Chg	_CST	\$821.64									\$821.64	\$821.64	\$821.64	\$821.64	\$821.64	\$821.64	\$4,929.84	\$9,859.68
575	Headblock	_RATE1s	\$0.0936									\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
576	Tailblock	_RATE2s	\$0.0936									\$2,014.13	\$1,782.81	\$1,807.73	\$1,976.78	\$1,839.57	\$2,148.70	\$11,569.73	\$44,290.21
577	HB Threshold	_BLOCKs	-																
578																			
579	Total Base Rate Amount			\$5,762.08	\$6,524.08	\$7,295.47	\$6,652.23	\$6,178.64	\$5,237.82	\$37,650.32		\$2,835.77	\$2,604.45	\$2,629.37	\$2,798.42	\$2,661.21	\$2,970.34	\$16,499.57	\$54,149.89
580																			
581	COG Rate - (Winter)	_COGw	\$1.1732	\$1.1732	\$1.1732	\$1.1732	\$1.1732	\$1.1732	\$1.1732	\$1.1732									
582	COG amount - Winter			\$31,864.35	\$36,779.03	\$41,754.22	\$37,605.55	\$34,551.05	\$28,483.02	\$211,037.22									
583																			
584	COG Rate - (Summer)	_COGs	\$1.2284									\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.1957
585	COG amount - Summer											\$26,433.33	\$23,397.50	\$23,724.51	\$25,943.13	\$24,142.43	\$28,199.45	\$151,840.35	\$362,877.57
586											_LDACs								
587	LDAC	_LDACw	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991
588	LDAC amount			\$2,691.58	\$3,106.72	\$3,526.97	\$3,176.53	\$2,918.52	\$2,405.96	\$17,826.28		\$2,132.48	\$1,887.57	\$1,913.95	\$2,092.94	\$1,947.67	\$2,274.96	\$12,249.58	\$30,075.85
589																			
590	Total Bill			\$40,318.01	\$46,409.83	\$52,576.66	\$47,434.31	\$43,648.21	\$36,126.80	\$266,513.82		\$31,401.59	\$27,889.52	\$28,267.83	\$30,834.48	\$28,751.32	\$33,444.76	\$180,589.50	\$447,103.32

### Winter Season (Jan. - Apr., Nov. - Dec.) 591

Commercial/Industrial - High Annual Use, Load Factor Less Than 90% (G-53) 592

593 CURRENT 594 Cur 53 Nov-21 Dec-21 Jan-22 Feb-22 Mar-22 Apr-22 Winter May-22 Jun-22 Jul-23 Aug-21 Sep-21 Oct-21 Summer Total 595 average Usage (Therms) 27,160 31,349 35,590 32,054 29,450 24,278 179,882 21,519 19,047 19,313 21,119 19,654 22,956 123,608 303.490 596 Winter: 597 598 Cust. Chg CST \$756.10 \$756.10 \$756.10 \$756.10 \$756.10 \$756.10 \$756.10 \$4,536.60 599 leadblock RATE1w \$0.1697 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 600 Tailblock \$0.1697 \$4.609.09 \$5.319.98 \$6.039.63 \$5.439.53 \$4.997.71 \$4.119.99 \$30.525.93 601 HB Threshold BLOCKw 602 603 Summer: 604 Cust. Chg CST \$756.10 \$756.10 \$756.10 \$756.10 \$756.10 \$756.10 \$756.10 \$4,536.60 \$9,073.20 RATE1s \$0.081 \$0.00 \$0.00 605 Headblock \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 606 Tailblock RATE2s \$0.0814 \$1,751.61 \$1,550.44 \$1,572.11 \$1,719.12 \$1,599.80 \$1,868.64 \$10,061.71 \$40,587.64 607 HB Threshold BLOCKs 608 609 Total Base Rate Amount \$5.365.19 \$6.076.08 \$6.795.73 \$6.195.63 \$5.753.81 \$4.876.09 \$35.062.53 \$2.507.71 \$2,306.54 \$2.328.21 \$2.475.22 \$2.355.90 \$2.624.74 \$14.598.31 \$49.660.84 610 611 COG Rate - (Winter) \$1.1814 \$1.1814 \$1.1814 \$1.1814 \$1.1814 \$1.1814 \$1.1814 \$1.1814 COG amount - Winter \$32,087.07 \$37,036.09 \$42,046.06 \$37,868.39 \$34,792.54 \$28,682.10 \$212,512.25 612 613 614 COG Rate - (Summer) COGs \$1.2284 \$1 2284 \$1 2284 \$1 2284 \$1 2284 \$1 2284 \$1 2284 \$1 2284 \$1 2005 615 COG amount - Summer \$26,433.33 \$23,397.50 \$23,724.51 \$25,943.13 \$24,142.43 \$28,199.45 \$151,840.35 \$364,352.60 616 I DAC \$0.0991 \$0.0991 \$0.0991 617 DAC LDACw \$0.099 \$0.0991 \$0.0991 \$0.0991 \$0.0991 \$0.0991 \$0.0991 \$0.0991 \$0.0991 \$0.0991 \$0.0991 \$0.0991 \$0.0991 \$0.0991 DAC amount \$3,106.72 \$3,526.97 \$3,176.53 \$2,918.52 \$2,405.96 \$17,826.28 \$2,132.48 \$1,887.57 \$2,092.94 \$1,947.67 \$2,274.96 \$12,249.58 \$30,075.85 618 \$2,691.58 \$1,913.95 619 620 Total Bill \$40,143.83 \$46,218.89 \$52,368.76 \$47,240.56 \$43,464.87 \$35,964.14 \$265,401.05 \$31,073.52 \$27,591.61 \$27,966.67 \$30,511.29 \$28,446.00 \$33,099.16 \$178,688.24 \$444,089.29 621 622 DIFFERENCE: 623 Total Bill \$174.18 \$190.94 \$207.90 \$193.76 \$183.34 \$162.65 \$1,112.77 \$328.07 \$297.92 \$301.16 \$323.20 \$305.31 \$345.61 \$1,901.26 \$3,014.03 624 % Change 0.43% 0.41% 0.40% 0.41% 0.42% 0.45% 0.42% 1.06% 1.08% 1.08% 1.06% 1.07% 1.04% 1.06% 0.68% 625 \$448.00 \$499.74 \$456.60 \$424.83 \$361.73 \$2,587.80 \$297 92 \$301 16 \$323.20 \$305.31 \$345.61 \$1,901.26 \$4.489.06 626 Base Rate \$396.89 \$328.07 13.17% 627 % Change 7.40% 7.37% 7.35% 7.37% 7.38% 7.42% 7.38% 13.08% 12.92% 12.94% 13.06% 12.96% 13.02% 9.04% 628 COG & LDAC (\$222.71) (\$257.06) (\$291.84) (\$262.84) (\$241.49) (\$199.08) (\$1,475.03) \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 (\$1,475.03) 629 630 % Change -0.64% -0.64% -0.64% -0.64% -0.64% -0.64% -0.64% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% -0.37% check \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00

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# Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Bill Impact Analysis - Cost of Gas Filing Methodology

631 Winter Season (Jan. - Apr., Nov. - Dec.) 632 Commercial/Industrial - High Annual Use, Load Factor Greater Than 90% (G-54)

### Summer Season (May - Oct.)

052	Commercial/muustrial - Hig	II Allilual 03e		of Greater II	iaii 30 % (0-54	1					-								
633	PROPOSED																		
634	Prop_	54		Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter		May-23	Jun-23	Jul-23	Aug-22	Sep-22	Oct-22	Summer	Total
	average Usage (Therms)			61,794	48,201	46,759	46,199	40,987	48,188	292,128		58,766	61,809	64,600	68,379	65,031	64,466	383,051	675,179
636																			
637	Winter:																		
638	Cust. Chg	_CST	\$821.65	\$821.65	\$821.65	\$821.65	\$821.65	\$821.65	\$821.65	\$4,929.90									
639	Headblock	_RATE1w	\$0.0693	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00									
640	Tailblock	_RATE2w	\$0.0693	\$4,282.29	\$3,340.34	\$3,240.41	\$3,201.61	\$2,840.39	\$3,339.42	\$20,244.46									
641	HB Threshold	_BLOCKw	-																
642																			
643	Summer:																		
644	Cust. Chg	_CST	\$821.65									\$821.65	\$821.65	\$821.65	\$821.65	\$821.65	\$821.65	\$4,929.90	\$9,859.80
645	Headblock	_RATE1s	\$0.0397									\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
646	Tailblock	_RATE2s	\$0.0397									\$2,332.99	\$2,453.83	\$2,564.61	\$2,714.65	\$2,581.72	\$2,559.31	\$15,207.11	\$35,451.58
647	HB Threshold	_BLOCKs	-																
648																			
649	Total Base Rate Amount			\$5,103.94	\$4,161.99	\$4,062.06	\$4,023.26	\$3,662.04	\$4,161.07	\$25,174.36		\$3,154.64	\$3,275.48	\$3,386.26	\$3,536.30	\$3,403.37	\$3,380.96	\$20,137.01	\$45,311.38
650			A4 4700	A4 4700	A4 4700	A4 4700	A4 4700	A4 4700	A4 4700	A4 4700									
651	COG Rate - (Winter)	_COGw	\$1.1732	\$1.1732	\$1.1732	\$1.1732	\$1.1732	\$1.1732	\$1.1732	\$1.1732									
652	COG amount - Winter			\$72,496.19	\$56,549.52	\$54,857.86	\$54,201.05	\$48,085.87	\$56,533.94	\$342,724.44									
653	COC Bata (Summar)	0000	\$1.2284									\$1,2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2045
654 655	COG Rate - (Summer) COG amount - Summer	_COGs	<b></b> φ1.2204									\$72,187.66	\$1.2264 \$75,926.55	\$79,354.45			\$1.2204 \$79,190.23	\$470,539.54	
	COG amount - Summer										LDACs	\$72,107.00	\$75,920.55	\$79,334.45	\$83,996.98	\$79,883.66	\$79,190.23	\$470,559.54	\$813,263.97
656 657	LDAC	LDACw	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	_LDACS \$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991
658	LDAC amount	_LDACW	φ0.0991	\$6,123.74	\$0.0991	\$4,633.83	\$0.0991	\$0.0991 \$4,061.81	\$0.0991 \$4,775.41	\$28,949.87	φ0.0991	\$0.0991 \$5,823.67	\$6,125.30	\$6,401.84	\$6,776.38	\$0.0991 \$6,444.54	\$6,388.60	\$37,960.33	\$66,910.20
659				φυ, 123.74	φ4,//0./3	φ <del>4</del> ,033.03	φ <del>4</del> ,070.30	φ <del>4</del> ,001.01	φ <del>4</del> ,775.41	φ∠0,949.07		φ3,023.07	φυ, 125.30	φ0, <del>4</del> 01.04	φ0,//0.30	φ <del>0,444</del> .04	φ0,300.00	φ31,900.33	φ00,910.20
660	Total Bill			\$83.723.88	\$65.488.24	\$63.553.76	\$62.802.66	\$55.809.72	\$65.470.42	\$396,848.67		\$81.165.97	\$85.327.33	\$89.142.56	\$94,309.66	\$89.731.56	\$88.959.79	\$528.636.88	\$925,485.55
500				<i></i>	,,. <b></b> .	<i>,,</i>	,,. <b></b>	,,. <b></b>	,,. <b>.</b>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	<i></i>	,,. <b>.</b>	<i></i>		,,. <b>.</b>	,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<i>,</i> ,

661 Winter Season (Jan. - Apr., Nov. - Dec.) 662 Commercial/Industrial - High Annual Use, Load Factor Greater Than 90% (G-54)

663	CURRENT																		
664	Cur_	54		Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	Winter		May-22	Jun-22	Jul-23	Aug-21	Sep-21	Oct-21	Summer	Total
665	average Usage (Therms)			61,794	48,201	46,759	46,199	40,987	48,188	292,128		58,766	61,809	64,600	68,379	65,031	64,466	383,051	675,179
666																			
667	Winter:																		
668	Cust. Chg	CST	\$756.10	\$756.10	\$756.10	\$756.10	\$756.10	\$756.10	\$756.10	\$4,536.60									
669	Headblock	_RATE1w	\$0.0648	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00									
670	Tailblock	RATE2w	\$0.0648	\$4,004.22	\$3,123.43	\$3,029.99	\$2,993.72	\$2,655.95	\$3,122.57	\$18,929.89									
671	HB Threshold	BLOCKw	-																
672		-																	
673	Summer:																		
674	Cust. Chg	CST	\$756.10									\$756.10	\$756.10	\$756.10	\$756.10	\$756.10	\$756.10	\$4,536.60	\$9,073.20
675	Headblock	RATE1s	\$0.0352									\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
676	Tailblock	RATE2s	\$0.0352									\$2,068.55	\$2,175.69	\$2,273.91	\$2,406.95	\$2,289.08	\$2,269.21	\$13,483.39	\$32,413.27
677	HB Threshold	BLOCKs	-																
678		-																	
679	Total Base Rate Amount			\$4,760.32	\$3,879.53	\$3,786.09	\$3,749.82	\$3,412.05	\$3,878.67	\$23,466.49		\$2,824.65	\$2,931.79	\$3,030.01	\$3,163.05	\$3,045.18	\$3,025.31	\$18,019.99	\$41,486.47
680																			
681	COG Rate - (Winter)		\$1.1814	\$1.1814	\$1.1814	\$1.1814	\$1.1814	\$1.1814	\$1.1814	\$1.1814									
682	COG amount - Winter			\$73,002.90	\$56,944.77	\$55,241.29	\$54,579.88	\$48,421.97	\$56,929.08	\$345,119.89									
683																			
684	COG Rate - (Summer)	_COGs	\$1.2284									\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2081
685	COG amount - Summer	_										\$72,187.66	\$75,926.55	\$79,354.45	\$83,996.98	\$79,883.66	\$79,190.23	\$470,539.54	\$815,659.42
686											LDACs								
687	LDAC	LDACw	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991
688	LDAC amount			\$6,123.74	\$4,776.73	\$4,633.83	\$4,578.35	\$4,061.81	\$4,775.41	\$28,949.87		\$5,823.67	\$6,125.30	\$6,401.84	\$6,776.38	\$6,444.54	\$6,388.60	\$37,960.33	\$66,910.20
689																			
690	Total Bill			\$83,886.97	\$65,601.03	\$63,661.21	\$62,908.05	\$55,895.83	\$65,583.16	\$397,536.25		\$80,835.98	\$84,983.64	\$88,786.31	\$93,936.40	\$89,373.38	\$88,604.14	\$526,519.85	\$924,056.10
691																			
	DIFFERENCE:																		
693	Total Bill			(\$163.09)	(\$112.79)	(\$107.46)	(\$105.39)	(\$86.10)	(\$112.74)	(\$687.57)		\$330.00	\$343.69	\$356.25	\$373.26	\$358.19	\$355.65	\$2,117.03	\$1,429.46
694	% Change			-0.19%	-0.17%	-0.17%	-0.17%	-0.15%	-0.17%	-0.17%		0.41%	0.40%	0.40%	0.40%	0.40%	0.40%	0.40%	0.15%
695																			
	Base Rate			\$343.62	\$282.45	\$275.97	\$273.45	\$249.99	\$282.40	\$1,707.88		\$330.00	\$343.69	\$356.25	\$373.26	\$358.19	\$355.65	\$2,117.03	\$3,824.90
697	% Change			7.22%	7.28%	7.29%	7.29%	7.33%	7.28%	7.28%		11.68%	11.72%	11.76%	11.80%	11.76%	11.76%	11.75%	9.22%
698																			
	COG & LDAC			(\$506.71)	(\$395.25)	(\$383.43)	(\$378.83)	(\$336.09)	(\$395.14)	(\$2,395.45)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$2,395.45)
700	% Change			-0.64%	-0.64%	-0.64%	-0.64%	-0.64%	-0.64%	-0.64%		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.27%
	check			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Summer Season (May - Oct.)