

1 Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
2 Peak 2024 – 2025 Winter Cost of Gas Filing
3 Summary

	Reference	PK 24–25
(a)	(b)	Nov - Apr
		(c)
Anticipated Direct Cost of Gas		
Purchased Gas:		
Demand Costs:	Schedule 3, col. (q), In 10	\$ 13,277,648
Supply Costs	Schedule 3, col. (q), In 11	40,009,791
Storage Gas:		
Demand, Capacity:	Schedule 3, col. (q), In 13	846,659
Commodity Costs:	Schedule 3, col. (q), In 14	4,210,226
Produced Gas:	Schedule 3, col. (q), In 15	4,078,054
Hedge Contract (Savings)	Schedule 3, col. (q), In 16	<u>(4,494,900)</u>
Total Unadjusted Cost of Gas		<u>\$ 57,927,477</u>
Adjustments:		
Prior Period (Over)/Under Recovery	Schedule 3, col. (c), In 32	\$ 306,763
Interest 05/01/23 - 4/30/24	Schedule 3, col. (q), In 115	188,887
Accounting Adjustments	Schedule 3, col. (q), In 23 + In 60 + In	54,172
Gas Assistance Program	Schedule 3, col. (q), In 22	(618,933)
Refunds from Suppliers	Schedule 4, In 2	-
Broker Revenues	Schedule 4, In 3	30,408
Fuel Financing	Schedule 4, In 4	462,146
Transportation CGA Revenues	Schedule 4, In 5	62,123
Interruptible Sales Margin	Schedule 4, In 6	-
Capacity Release and Off System Sales Margins	Schedule 4, In 7 + In 8	(2,836,642)
Hedging Costs	Schedule 4, In 9	-
Fixed Price Option Administrative Costs	Schedule 4, In 10	<u>62,993</u>
Total Adjustments		<u>\$ (2,288,082)</u>
Total Anticipated Direct Costs	In 22 + 39	<u>\$ 55,639,395</u>
Anticipated Indirect Cost of Gas		
Working Capital		
Total Unadjusted Anticipated Cost of Gas	In 22	\$ 57,927,477
Lead Lag Days / 365	DG 20-105, 25.72/ 365	0.0705
Prime Rate		8.50%
Working Capital Percentage	In 46 * In 47	0.599%
Working Capital	Schedule 3, col. (q), In 57	333,833
Prior Period Working Capital	Schedule 3, col. (c), In 68	<u>(143,692)</u>
Total Working Capital Allowance	In 49 + 50	<u>\$ 190,141</u>
Bad Debt		
Total Unadjusted Anticipated Cost of Gas	In 22	\$ 57,927,477
Less Refunds	In 30	-
Plus Working Capital	In 52	190,141
Plus Prior Period (Over) Under Recovery	In 26	<u>306,763</u>
Subtotal		\$ 58,424,381
Bad Debt Percentage	per GTC 17(f)	1.99%
Bad Debt Allowance	Schedule 3, col. (q), In 92	1,027,008
Prior Period Bad Debt Allowance	Schedule 3, col. (c), In 102	<u>(165,765)</u>
Total Bad Debt Allowance	In 62 + 63	<u>\$ 861,243</u>
Production and Storage Capacity	per GTC 17(f)	<u>\$ 3,685,459</u>
Miscellaneous Overhead	per GTC 17(f)	\$ -
Sales Volume	Sch. 10B, In 23/1000	88,888
Divided by Total Sales	Sch. 10B, In 23/1000	111,311
Ratio		<u>79.86%</u>
Miscellaneous Overhead	In 69 * 72	<u>\$ -</u>
Total Anticipated Indirect Cost of Gas	In 52 + 65 + 67 + 74	<u>\$ 4,736,843</u>
Total Cost of Gas	In 41 + 76	<u>\$ 60,376,238</u>
Projected Forecast Sales (Therms)	Sch. 3, col (r), In 30	<u>88,888,172</u>

Liberty Utilities (Energy/Natural Gas) Corp. d/b/a Liberty
 Peak 2024 – 2025 Winter Cost of Gas Filing
 COG (Over)/Under Cumulative Recovery Balances and Interest Calculation

		Prior Period Bal	ACT	ACT	ACT	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	Total
	Days in Month	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25		
(a)	(b)	Ending Bal	31	30	31	31	30	31	30	31	31	28	31	30	(c)	
		(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)		
Account 10168-130800-11174001 COG (Over)/Under Balance																
7	Beginning Balance	Account 10168-130800-11174001	\$ 306,763	\$ 306,763	\$ 710,337	\$ 1,782,921	\$ 2,006,540	\$ 3,060,562	\$ 4,185,563	\$ 5,258,830	\$ 2,136,106	\$ (51,856)	\$ 3,167,987	\$ 5,056,863	\$ 2,239,178	\$ 306,763
9	Purchased Gas:															
10	Demand Costs:	Company Records OR Sch. 5, In 40	\$ 880,136	\$ 943,705	\$ 940,766	\$ 928,114	\$ 927,451	\$ 927,451	\$ 1,319,975	\$ 1,319,975	\$ 1,321,463	\$ 1,321,463	\$ 1,321,463	\$ 1,125,686	\$ 13,277,648	
11	Supply Costs:	Company Records OR Sch. 6, In 43	\$ 211,272	\$ 14,248	\$ 15,563	\$ -	\$ -	\$ -	\$ 2,842,323	\$ 5,602,330	\$ 12,476,891	\$ 10,082,972	\$ 5,912,487	\$ 2,851,704	\$ 40,009,791	
12	Storage Gas:															
13	Demand, Capacity:	Company Records OR Sch. 5, In 56	\$ 4,845	\$ 4,249	\$ 4,224	\$ 93,554	\$ 94,750	\$ 94,750	\$ 91,714	\$ 91,714	\$ 91,714	\$ 91,714	\$ 91,714	\$ 91,714	\$ 846,659	
14	Commodity Costs:	Company Records OR Sch. 6, In 46	\$ 384,437	\$ 388,837	\$ 79,230	\$ -	\$ -	\$ -	\$ 436,023	\$ 839,482	\$ 968,620	\$ 764,822	\$ 348,776	\$ -	\$ 4,210,226	
15	Produced Gas:	Company Records OR Sch. 6, In 55	\$ (394,648)	\$ (400,258)	\$ (484,284)	\$ 14,224	\$ 14,878	\$ 17,252	\$ 132,068	\$ 1,452,356	\$ 2,213,544	\$ 1,336,913	\$ 152,169	\$ 23,840	\$ 4,078,054	
16	Hedge Contract (Savings)	Company Records OR Sch. 6, In 54	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (749,150)	\$ (749,150)	\$ (749,150)	\$ (749,150)	\$ (749,150)	\$ (749,150)	\$ (4,484,900)	
17	Total Unadjusted Cost of Gas		\$ 1,086,042	\$ 950,781	\$ 555,499	\$ 1,035,892	\$ 1,037,080	\$ 1,039,453	\$ 4,072,954	\$ 8,556,708	\$ 16,323,082	\$ 12,848,734	\$ 7,077,460	\$ 3,343,795	\$ 57,927,477	
18	Production & Storage	per GTC 17(f)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 614,243	\$ 614,243	\$ 614,243	\$ 614,243	\$ 614,243	\$ 614,243	\$ 3,685,459	
19	Misc. Overhead	per GTC 17(f)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
20	Revenues w/o Int. (incl. Unbilled)	Company Records OR In 37 * 44	\$ (234,051)	\$ (61,830)	\$ (71,982)	\$ -	\$ -	\$ -	\$ (7,572,931)	\$ (11,152,928)	\$ (13,197,152)	\$ (11,208,505)	\$ (9,872,749)	\$ (6,131,702)	\$ (59,503,831)	
21	Gas Assistance Program	Company Records OR Prior Year Values	\$ (114,709)	\$ (31,350)	\$ (19,200)	\$ (44)	\$ (227)	\$ (61)	\$ 4	\$ (17,368)	\$ (89,795)	\$ (95,613)	\$ (140,648)	\$ (109,923)	\$ (618,933)	
22	Accounting Adjustments	Company Records	\$ 62,993	\$ -	\$ (8,821)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 54,172	
23	Adjustments to Gas Costs	Sch. 4, In 11	\$ (400,349)	\$ 206,327	\$ (245,469)	\$ -	\$ 62,993	\$ -	\$ (262,666)	\$ (196,092)	\$ (441,743)	\$ (296,712)	\$ (522,232)	\$ (123,029)	\$ (2,218,972)	
24	Monthly (Over)/Under Recovery		\$ 306,763	\$ 706,689	\$ 1,774,265	\$ 1,992,948	\$ 3,042,388	\$ 4,160,408	\$ 5,224,955	\$ 2,110,434	\$ (59,332)	\$ 3,156,780	\$ 5,030,134	\$ 2,212,937	\$ (167,439)	
25	Average Monthly Balance	(In 7 + 25)/2	\$ 506,726	\$ 1,242,301	\$ 1,887,934	\$ 2,524,464	\$ 3,610,485	\$ 4,705,259	\$ 3,684,632	\$ 1,038,387	\$ 1,552,462	\$ 4,099,061	\$ 3,634,900	\$ 1,035,870	\$ 57,559,614	
26	Interest Rate	Prime Rate	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	
27	Interest Applied	In 26 * In 28 / (366 OR 365) * Days of Month	\$ 3,648	\$ 8,655	\$ 13,592	\$ 18,175	\$ 25,155	\$ 33,875	\$ 25,672	\$ 7,476	\$ 11,207	\$ 26,728	\$ 26,241	\$ 7,237	\$ 207,662	
28	(Over)/Under Balance	In 25 + In 30	\$ 306,763	\$ 710,337	\$ 1,782,921	\$ 2,006,540	\$ 3,060,562	\$ 4,185,563	\$ 5,258,830	\$ 2,136,106	\$ (51,856)	\$ 3,167,987	\$ 5,056,863	\$ 2,239,178	\$ (160,202)	\$ 57,767,276
36	Forecast Sendout Therms	Sch. 6, In 89 * 10							11,429,418	16,687,960	19,882,171	16,841,548	14,290,294	8,967,703	88,099,094	
37	Less Forecast Billing Therms Sales	Sch. 10B, In 15							11,382,988	16,764,136	19,836,840	16,847,674	14,839,879	9,216,655	88,888,172	
38	Less Forecast Unaccounted For	In 36 * Sch. 25, In 9							285,162	416,391	496,092	420,224	356,566	223,759	2,198,213	
39	Less Forecast Company Use	In 36 * 0.00135							15,430	22,529	28,841	22,736	19,292	12,106	118,934	
40	Unbilled Volumes	In 36 - In 37 through 39							(254,182)	(515,096)	(477,602)	(449,086)	(925,443)	(484,817)	(3,106,225)	
41	Gross Unbilled	In 40 + prior month in 41							(254,182)	(769,278)	(1,246,880)	(1,695,966)	(2,621,408)	(3,106,225)		
42																
43	COB w/o Interest	In 133 col. (c)							\$0.6653	\$0.6653	\$0.6653	\$0.6653	\$0.6653	\$0.6653	\$0.6653	
44	COG With Interest	In 133 col. (d)							\$0.6676	\$0.6676	\$0.6676	\$0.6676	\$0.6676	\$0.6676	\$0.6676	

		Prior Period Bal Apr-24 Ending Bal (c)	ACT May-24 31 (d)	ACT Jun-24 30 (e)	ACT Jul-24 31 (f)	EST Aug-24 31 (g)	EST Sep-24 30 (h)	EST Oct-24 31 (i)	EST Nov-24 30 (j)	EST Dec-24 31 (k)	EST Jan-25 31 (l)	EST Feb-25 28 (m)	EST Mar-25 31 (n)	EST Apr-25 30 (o)	Total (a)
47	(a)														
48	Days in Month (b)														
49	Account 10168-130801-11142004 Working Capital (Over)/Under Balance														
50															
51															
52															
53	Beginning Balance	\$ (143,692)	\$ (143,692)	\$ (154,780)	\$ (149,232)	\$ (148,819)	\$ (143,664)	\$ (138,052)	\$ (132,797)	\$ (135,247)	\$ (121,931)	\$ (69,885)	\$ (31,034)	\$ (23,692)	\$ (143,692)
54	Days Lag	Account 10168-130801-11142004													
55	Prime Rate	DG 20-105, 25.72/ 365	0.0705	0.0705	0.0705	0.0705	0.0705	0.0705	0.0705	0.0705	0.0705	0.0705	0.0705	0.0705	
56	Working Capital	(In 17 + In 24) * In 55 * In 56	\$ 4,109	\$ 6,934	\$ 1,858	\$ 6,208	\$ 6,592	\$ 6,229	\$ 22,833	\$ 50,101	\$ 95,169	\$ 75,218	\$ 39,282	\$ 19,300	\$ 333,833
57	Revenues w/o Int.	Company Records OR In 72 * In 76	\$ (14,126)	\$ (331)	\$ (376)	\$ -	\$ -	\$ -	\$ (24,349)	\$ (35,860)	\$ (42,433)	\$ (36,039)	\$ (31,744)	\$ (19,715)	\$ (204,974)
58	Add Net Adjustments	Company Records	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
59	Monthly (Over)/Under Recovery		\$ (143,692)	\$ (153,710)	\$ (148,177)	\$ (147,750)	\$ (142,812)	\$ (137,072)	\$ (131,823)	\$ (134,314)	\$ (121,006)	\$ (69,195)	\$ (30,706)	\$ (23,496)	\$ (24,107)
60	Average Monthly Balance	(In 53 + In 61)/2	\$ (148,701)	\$ (151,479)	\$ (148,491)	\$ (145,716)	\$ (140,368)	\$ (134,938)	\$ (133,556)	\$ (128,126)	\$ (95,563)	\$ (50,295)	\$ (27,265)	\$ (23,900)	\$ (14,833)
61	Interest Rate	Prime Rate	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	
62	Interest Applied	In 62 * In 64 / (366 OR 365) * Days of Month	\$ (1,071)	\$ (1,055)	\$ (1,069)	\$ (1,052)	\$ (981)	\$ (974)	\$ (933)	\$ (925)	\$ (690)	\$ (328)	\$ (197)	\$ (167)	\$ (9,441)
63	(Over)/Under Balance	In 61 + In 66	\$ (143,692)	\$ (154,780)	\$ (149,232)	\$ (148,819)	\$ (143,664)	\$ (138,052)	\$ (132,797)	\$ (135,247)	\$ (121,931)	\$ (69,885)	\$ (31,034)	\$ (23,692)	\$ (24,274)
64															
65															
66															
67															
68															
69															
70															
71															
72	Forecast Therm Sales	In 37							11,382,988	16,764,136	19,836,840	16,847,674	14,839,879	9,216,655	88,888,172
73	Unbilled Therm	In 40							(254,182)	(515,096)	(477,602)	(449,086)	(925,443)	(484,817)	(3,106,225)
74	Gross Unbilled	In 73 + prior month In 74							(254,182)	(769,278)	(1,246,890)	(1,895,969)	(2,621,408)	(3,106,225)	
75	Working Cap. Rate w/out Int.	In 150 col. (c)							\$0.0021	\$0.0021	\$0.0021	\$0.0021	\$0.0021	\$0.0021	
76	Working Capital Rate w/ Int.	In 150 col. (d)							\$0.0020	\$0.0020	\$0.0020	\$0.0020	\$0.0020	\$0.0020	
77															
78															

79			Prior Period Bal	ACT	ACT	ACT	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	Total
80		Days in Month	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25		
81	(a)	(b)	Ending Bal	31	30	31	31	30	31	30	31	31	28	31	30	(c)	
82	Account 10168-130804-11174003	Bad Debt (Over)/Under Balance	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(c)	
83																	
84																	
85	Forecast Direct Gas Costs	In 17 + In 24		\$ 685,693	\$ 1,157,108	\$ 310,030	\$ 1,035,892	\$ 1,100,073	\$ 1,039,453	\$ 3,810,288	\$ 8,360,616	\$ 15,881,339	\$ 12,552,022	\$ 6,555,228	\$ 3,220,765	\$ 55,708,506	
86	Forecast Working Capital	In 57		\$ 4,109	\$ 6,934	\$ 1,858	\$ 6,208	\$ 6,592	\$ 6,229	\$ 22,833	\$ 50,101	\$ 95,169	\$ 75,218	\$ 39,282	\$ 19,300	\$ 333,833	
87	Prior Period Balance	In 32								\$ 51,127	\$ 51,127	\$ 51,127	\$ 51,127	\$ 51,127	\$ 51,127	\$ 306,763	
88	Total Forecast Direct Gas Costs & Working Capital			\$ 689,802	\$ 1,164,042	\$ 311,888	\$ 1,042,100	\$ 1,106,665	\$ 1,045,682	\$ 3,884,248	\$ 8,461,844	\$ 16,027,635	\$ 12,678,367	\$ 6,645,637	\$ 3,291,193	\$ 56,349,102	
89																	
90	Beginning Balance	Account 10168-130804-11174003	\$ (165,765)	\$ (165,765)	\$ (151,914)	\$ (150,148)	\$ (150,539)	\$ (149,218)	\$ (147,703)	\$ (146,353)	\$ (180,481)	\$ (175,797)	\$ (49,859)	\$ 39,167	\$ 27,872	\$ (165,765)	
91																	
92	Bad Debt	In 88 * 0.0023 (thru Oct 2024) OR 0.0199 (after Nov 2024)		\$ 1,587	\$ 2,677	\$ 717	\$ 2,397	\$ 2,545	\$ 2,405	\$ 77,297	\$ 168,391	\$ 318,950	\$ 252,300	\$ 132,248	\$ 65,495	\$ 1,027,008	
93	Revenues w/o int	Company Records OR In 106 * In 110		\$ 13,404	\$ 138	\$ (31)	\$ -	\$ -	\$ -	\$ (110,290)	\$ (162,429)	\$ (192,200)	\$ (163,238)	\$ (143,784)	\$ (89,301)	\$ (847,732)	
94	Add Net Adjustments	Company Records		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
95	Monthly (Over)/Under Recovery		\$ (165,765)	\$ (150,775)	\$ (149,099)	\$ (149,461)	\$ (148,143)	\$ (146,672)	\$ (145,298)	\$ (179,347)	\$ (174,519)	\$ (49,048)	\$ 39,202	\$ 27,631	\$ 4,066	\$ 13,511	
96	Average Monthly Balance	(In 90 + In 95)/2		\$ (158,270)	\$ (150,507)	\$ (149,804)	\$ (149,341)	\$ (147,945)	\$ (146,501)	\$ (162,850)	\$ (177,500)	\$ (112,422)	\$ (5,329)	\$ 33,399	\$ 15,969		
97																	
98	Interest Rate	Prime Rate		8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%		
99																	
100	Interest Applied	In 96 * In 98 / (366 OR 365) * Days of Month		\$ (1,139)	\$ (1,049)	\$ (1,079)	\$ (1,075)	\$ (1,031)	\$ (1,055)	\$ (1,135)	\$ (1,278)	\$ (812)	\$ (35)	\$ 241	\$ 112	\$ (9,333)	
101																	
102	(Over)/Under Balance	In 95 + In 100	\$ (165,765)	\$ (151,914)	\$ (150,148)	\$ (150,539)	\$ (149,218)	\$ (147,703)	\$ (146,353)	\$ (180,481)	\$ (175,797)	\$ (49,859)	\$ 39,167	\$ 27,872	\$ 4,178	\$ 4,178	
103																	
104																	
105	Forecast Term Sales	In 37								11,382,988	16,764,136	19,836,840	16,847,674	14,839,879	9,216,655	88,888,172	
106	Unbilled Therm	In 40								(254,182)	(515,096)	(477,602)	(449,086)	(925,443)	(484,817)	(3,106,225)	
107	Gross Unbilled									(254,182)	(769,278)	(1,246,880)	(1,695,966)	(2,621,408)	(3,106,225)		
108																	
109	COG Rate Without Interest	Sch. 3, pg. 4, In 167 col. (c)		\$0.0097	\$0.0097	\$0.0097	\$0.0097	\$0.0097	\$0.0097	\$0.0097	\$0.0097	\$0.0097	\$0.0097	\$0.0097	\$0.0097		
110																	
111	COG With Interest	Sch. 3, pg. 4, In 167 col. (d)		\$0.0096	\$0.0096	\$0.0096	\$0.0096	\$0.0096	\$0.0096	\$0.0096	\$0.0096	\$0.0096	\$0.0096	\$0.0096	\$0.0096		
112																	
113																	
114	Total Interest	In 30 + 66 + 100		\$ 1,438	\$ 6,551	\$ 11,445	\$ 16,048	\$ 23,144	\$ 31,846	\$ 23,604	\$ 5,273	\$ 9,706	\$ 26,365	\$ 26,285	\$ 7,181	\$ 188,887	
115																	
116																	

Liberty Utilities (Energy/Natural Gas) Corp. d/b/a Liberty
Peak 2024 – 2025 Winter Cost of Gas Filing
COG (Over)/Under Cumulative Recovery Balances and Interest Calculation

		<u>COG Rate Without</u>	<u>COG Rate With</u>
		<u>Interest</u>	<u>Interest</u>
		(c)	(d)
117	Calculation of COG		
118	(a)		
119	(Over)/Under Recovery Balance	In 7, col. (a)	\$ 306,763
120			\$ 306,763
121	Unadjusted Forecast of Gas Costs	In 17, col. (q)	\$ 57,927,477
122			\$ 57,927,477
123	Production & Storage and Misc Overhead	In 20, col. (q)	\$ 3,685,459
124			\$ 3,685,459
125	Adjustments	In 24, col. (q)	\$ (2,783,732)
126			\$ (2,783,732)
127	Interest Nov -Apr	In 30, col. (q)	\$ -
128			\$ 207,662
129	Total Gas To Be Recovered		\$ 59,135,967
130			\$ 59,343,629
131	Forecast Gas Sales (Nov - Apr)	In 37, col. (q)	\$ 88,888,172
132			\$ 88,888,172
133	Preliminary COG Rate	In 129 / In 131	<u>\$0.6653</u>
134			<u>\$0.6676</u>
135			
		<u>Working Capital</u>	<u>Working Capital</u>
		<u>Rate without interest</u>	<u>Rate with Interest</u>
		(c)	(d)
136	Calculation of Working Capital Rate		
137	(a)		
138	(Over)/Under Recovery Balance	In 53, col. (q)	\$ (143,692)
139			\$ (143,692)
140	Unadjusted Working Capital Forecast	In 57, col. (q)	\$ 333,833
141			\$ 333,833
142	Adjustments without interest	In 60, col. (q)	\$ -
143			\$ -
144	Interest Nov -Apr	In 66, col. (q)	\$ -
145			\$ (9,441)
146	Total Gas To Be Recovered		\$ 190,141
147			\$ 180,700
148	Forecast Gas Sales (Nov - Apr)	In 37, col. (q)	\$ 88,888,172
149			\$ 88,888,172
150	Preliminary Working Capital COG Rate	In 146 / In 148	<u>\$0.0021</u>
151			<u>\$0.0020</u>
152			
		<u>Bad Debt Rate</u>	<u>Bad Debt Rate with</u>
		<u>without interest</u>	<u>interest</u>
		(c)	(d)
153	Calculation of Bad Debt Rate		
154	(a)		
155	(Over)/Under Recovery Balance	In 90, col. (q)	\$ (165,765)
156			\$ (165,765)
157	Unadjusted Bad Debt Forecast	In 92, col. (q)	\$ 1,027,008
158			\$ 1,027,008
159	Adjustments without interest	In 94, col. (q)	\$ -
160			\$ -
161	Interest Nov -Apr	In 100, col. (q)	\$ -
162			\$ (9,333)
163	Total Gas To Be Recovered		\$ 861,243
164			\$ 851,909
165	Forecast Gas Sales (Nov - Apr)	In 37, col. (q)	\$ 88,888,172
166			\$ 88,888,172
167	Preliminary Bad Debt COG Rate	In 163 / In 165	<u>\$0.0097</u>
			<u>\$0.0096</u>

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
Peak 2024 – 2025 Winter Cost of Gas Filing
Adjustments to Gas Costs

	ACT May-24	ACT Jun-24	ACT Jul-24	EST Aug-24 1/	EST Sep-24 1/	EST Oct-24 1/	EST Nov-24 1/	EST Dec-24 1/	EST Jan-25 1/	EST Feb-25 1/	EST Mar-25 1/	EST Apr-25 1/	TOTAL
1 Prior Period Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2 Refunds from Suppliers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3 Broker Revenue	\$ (188,184)	\$ 427,428	\$ (1,966)	\$ -	\$ -	\$ -	\$ 13,220	\$ 80,110	\$ (170,477)	\$ (21,419)	\$ (19,819)	\$ (88,484)	\$ 30,408
4 Inventory Finance Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 77,024	\$ 77,024	\$ 77,024	\$ 77,024	\$ 77,024	\$ 77,024	\$ 462,146
5 Transportation CGA Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,263	\$ 11,118	\$ 12,889	\$ 11,097	\$ 10,332	\$ 7,424	\$ 62,123
6 Interruptible Sales Margin	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7 Off System Sales Margin	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8 Capacity Release	\$ (212,165)	\$ (221,101)	\$ (243,503)	\$ -	\$ -	\$ -	\$ (362,173)	\$ (364,344)	\$ (361,179)	\$ (363,414)	\$ (589,769)	\$ (118,994)	\$ (2,836,642)
9 Net Option Premiums	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10 Fixed Price Option Administrative Costs	\$ -	\$ -	\$ -	\$ -	\$ 62,993	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 62,993
11 Total Adjustments	\$ (400,349)	\$ 206,327	\$ (245,469)	\$ -	\$ 62,993	\$ -	\$ (262,666)	\$ (196,092)	\$ (441,743)	\$ (296,712)	\$ (522,232)	\$ (123,029)	(2,218,972)

1/ Estimates are based on prior years actual, except transportation revenue is calculated on Schedule 17 and Inventory Finance Charges for Nov 24-Apr 25 calculated on Schedule 26

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
Peak 2024 – 2025 Winter Cost of Gas Filing
Annual Bill Comparisons, Nov 23 - Apr 24 Actual Rates vs Nov 24 - Apr 25

Schedule 8
Page 1 of 7

Non FPO Rate
November 1, 2024 - April 30, 2025
Residential Heating (R3)

		(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	PROPOSED R-3	EST	EST	EST	EST	EST	EST	Winter
2		Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	Nov-Apr
3	average Usage (Therms)	84	118	137	131	104	66	640
4								
5	11/1/23 - Current							
6	Winter:							
7	Cust. Chg	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 100.56
8	Headblock	\$ 0.6167						
9	Tailblock	\$ 52.01	\$ 73.04	\$ 84.37	\$ 80.54	\$ 64.03	\$ 40.68	\$ 394.68
10	HB Threshold	-						
11	Total Base Rate Amount	\$ 68.77	\$ 89.80	\$ 101.13	\$ 97.30	\$ 80.79	\$ 57.44	\$ 495.24
12								
13	COG Rate - (Seasonal)	\$ 0.6792	\$ 0.6792	\$ 0.6792	\$ 0.6792	\$ 0.6792	\$ 0.6792	\$ 0.6792
14	COG amount	\$ 57.29	\$ 80.44	\$ 92.93	\$ 88.70	\$ 70.52	\$ 44.81	\$ 434.68
15								
16	LDAC	\$ 0.1986	\$ 0.1986	\$ 0.1986	\$ 0.1630	\$ 0.1630	\$ 0.1630	\$ 0.1819
17	LDAC amount	\$ 16.75	\$ 23.52	\$ 27.17	\$ 21.29	\$ 16.92	\$ 10.75	\$ 116.41
18								
19	Total Bill	\$ 142.81	\$ 193.76	\$ 221.23	\$ 207.29	\$ 168.23	\$ 113.00	\$ 1,046.32

November 1, 2023 - April 30, 2024
Residential Heating (R3)

		ACT	ACT	ACT	ACT	ACT	ACT	Winter
20	CURRENT R-3	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Nov-Apr
21								
22	average Usage (Therms)	84	118	137	131	104	66	640
23								
24	11/1/23 - Current							
25	Winter:							
26	Cust. Chg	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 100.56
27	Headblock	\$ 0.6167						
28	Tailblock	\$ 52.01	\$ 73.04	\$ 84.37	\$ 80.54	\$ 64.03	\$ 40.68	\$ 394.68
29	HB Threshold	-						
30	Total Base Rate Amount	\$ 68.77	\$ 89.80	\$ 101.13	\$ 97.30	\$ 80.79	\$ 57.44	\$ 495.24
31								
32	COG Rate - (Seasonal)	\$ 0.7563	\$ 0.7248	\$ 0.6460	\$ 0.6648	\$ 0.5039	\$ 0.3449	\$ 0.6249
33	COG amount	\$ 63.79	\$ 85.84	\$ 88.38	\$ 86.82	\$ 52.32	\$ 22.75	\$ 399.90
34								
35	LDAC	\$ 0.1180	\$ 0.1180	\$ 0.1213	\$ 0.1986	\$ 0.1986	\$ 0.1986	\$ 0.1565
36	LDAC amount	\$ 9.95	\$ 13.98	\$ 16.60	\$ 25.94	\$ 20.62	\$ 13.10	\$ 100.18
37								
38	Total Bill	\$ 142.51	\$ 189.61	\$ 206.11	\$ 210.06	\$ 153.72	\$ 93.30	\$ 995.32

DIFFERENCE:

39	Total Bill	\$ 0.30	\$4.15	\$15.12	(\$2.77)	\$14.50	\$19.70	\$51.00
40	% Change	0.21%	2.19%	7.33%	-1.32%	9.44%	21.12%	5.12%
41								
42	Base Rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
43	% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
44								
45	COG & LDAC	\$ 0.30	\$ 4.15	\$ 15.12	(\$ 2.77)	\$ 14.50	\$ 19.70	\$ 51.00
46	% Change	0.40%	4.15%	14.40%	-2.46%	19.89%	54.96%	10.20%

Annual Bill Comparisons, Nov 23 - Apr 24 Actual Rates vs Nov 24 - Apr 25
FPO Rate
November 1, 2024 - April 30, 2025
Residential Heating (R3-FPO)

		(1)	(2)	(3)	(4)	(5)	(6)	(7)
		EST	EST	EST	EST	EST	EST	Winter
		Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	Nov-Apr
47	PROPOSED R-3 FPO							
48								
49	average Usage (Therms)	84	118	137	131	104	66	640
50	11/1/23 - Current							
51	Winter:							
52	Cust. Chg	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 100.56
53	Headblock	\$ 0.6167						
54	Tailblock	\$ 52.01	\$ 73.04	\$ 84.37	\$ 80.54	\$ 64.03	\$ 40.68	\$ 394.68
55	HB Threshold	-						
56								
57	Total Base Rate Amount	\$ 68.77	\$ 89.80	\$ 101.13	\$ 97.30	\$ 80.79	\$ 57.44	\$ 495.24
58								
59	COG Rate - (Seasonal)	\$ 0.6992	\$ 0.6992	\$ 0.6992	\$ 0.6992	\$ 0.6992	\$ 0.6992	\$ 0.6992
60	COG amount	\$ 58.97	\$ 82.81	\$ 95.66	\$ 91.32	\$ 72.59	\$ 46.12	\$ 447.48
61								
62	LDAC	\$ 0.1986	\$ 0.1986	\$ 0.1986	\$ 0.1630	\$ 0.1630	\$ 0.1630	\$ 0.1819
63	LDAC amount	\$ 16.75	\$ 23.52	\$ 27.17	\$ 21.29	\$ 16.92	\$ 10.75	\$ 116.41
64								
65	Total Bill	\$ 144.50	\$ 196.13	\$ 223.97	\$ 209.90	\$ 170.30	\$ 114.32	\$ 1,059.12

November 1, 2023 - April 30, 2024
Residential Heating (R3-FPO)

		ACT	ACT	ACT	ACT	ACT	ACT	Winter
		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Nov-Apr
66	CURRENT R-3 FPO							
67								
68	average Usage (Therms)	84	118	137	131	104	66	640
69	11/1/23 - Current							
70	Winter:							
71	Cust. Chg	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 100.56
72	Headblock	\$ 0.6167						
73	Tailblock	\$ 52.01	\$ 73.04	\$ 84.37	\$ 80.54	\$ 64.03	\$ 40.68	\$ 394.68
74	HB Threshold	-						
75								
76	Total Base Rate Amount	\$ 68.77	\$ 89.80	\$ 101.13	\$ 97.30	\$ 80.79	\$ 57.44	\$ 495.24
77								
78	COG Rate - (Seasonal)	\$ 0.7763	\$ 0.7763	\$ 0.7763	\$ 0.7763	\$ 0.7763	\$ 0.7763	\$ 0.7763
79	COG amount	\$ 65.48	\$ 91.94	\$ 106.21	\$ 101.38	\$ 80.60	\$ 51.21	\$ 496.82
80								
81	LDAC	\$ 0.1180	\$ 0.1180	\$ 0.1213	\$ 0.1986	\$ 0.1986	\$ 0.1986	\$ 0.1565
82	LDAC amount	\$ 9.95	\$ 13.98	\$ 16.60	\$ 25.94	\$ 20.62	\$ 13.10	\$ 100.18
83								
84	Total Bill	\$ 144.20	\$ 195.71	\$ 223.94	\$ 224.62	\$ 182.00	\$ 121.75	\$ 1,092.24

DIFFERENCE:

85	Total Bill	\$0.30	\$0.41	\$0.03	(\$14.72)	(\$11.70)	(\$7.43)	(\$33.12)
86	% Change	0.20%	0.21%	0.01%	-6.55%	-6.43%	-6.11%	-3.03%
87								
88	Base Rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
89	% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
90								
91	COG & LDAC	\$ 0.30	\$ 0.41	\$ 0.03	(\$14.72)	(\$11.70)	(\$7.43)	(\$33.12)
92	% Change	0.39%	0.39%	0.02%	-11.56%	-11.56%	-11.56%	-5.55%

Annual Bill Comparisons, Nov 23 - Apr 24 Actual Rates vs Nov 24 - Apr 25

GAP Rate

November 1, 2024 - April 30, 2025

Residential Heating (R4-GAP)

		(1)	(2)	(3)	(4)	(5)	(6)	(7)
		EST	EST	EST	EST	EST	EST	Winter
		Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	Nov-Apr
93	PROPOSED R-4 GAP							
94								
95	average Usage (Therms)	84	118	137	131	104	66	640
96								
97	Winter:							
98	Cust. Chg	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 100.56
99	Headblock	\$ 0.3694						
100	Tailblock	\$ 31.16	\$ 43.75	\$ 50.54	\$ 48.24	\$ 38.35	\$ 24.37	\$ 236.41
101	HB Threshold	-						
102								
103	Total Base Rate Amount	\$ 47.92	\$ 60.51	\$ 67.30	\$ 65.00	\$ 55.11	\$ 41.13	\$ 336.97
104								
105	COG Rate - (Seasonal)	\$ 0.3736	\$ 0.3736	\$ 0.3736	\$ 0.3736	\$ 0.3736	\$ 0.3736	\$ 0.3736
106	COG amount	\$ 31.51	\$ 44.24	\$ 51.11	\$ 48.79	\$ 38.78	\$ 24.64	\$ 239.07
107								
108	LDAC	\$ 0.1986	\$ 0.1986	\$ 0.1986	\$ 0.1630	\$ 0.1630	\$ 0.1630	\$ 0.1819
109	LDAC amount	\$ 16.75	\$ 23.52	\$ 27.17	\$ 21.29	\$ 16.92	\$ 10.75	\$ 116.41
110								
111	Total Bill	\$ 96.17	\$ 128.27	\$ 145.58	\$ 135.08	\$ 110.82	\$ 76.52	\$ 692.45

November 1, 2023 - April 30, 2024

Residential Heating (R4-GAP)

		ACT	ACT	ACT	ACT	ACT	ACT	Winter
		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Nov-Apr
112	CURRENT R-4 GAP							
113								
114	average Usage (Therms)	84	118	137	131	104	66	640
115								
116	Winter:							
117	Cust. Chg	\$ 9.22	\$ 9.22	\$ 9.22	\$ 9.22	\$ 9.22	\$ 9.22	\$ 55.32
118	Headblock	\$ 0.3694						
119	Tailblock	\$ 52.01	\$ 73.04	\$ 84.37	\$ 80.54	\$ 64.03	\$ 40.68	\$ 394.68
120	HB Threshold	-						
121								
122	Total Base Rate Amount	\$ 61.23	\$ 82.26	\$ 93.59	\$ 89.76	\$ 73.25	\$ 49.90	\$ 450.00
123								
124	COG Rate - (Seasonal)	\$ 0.4160	\$ 0.3986	\$ 0.3553	\$ 0.3656	\$ 0.2771	\$ 0.1897	\$ 0.3437
125	COG amount	\$ 35.08	\$ 47.21	\$ 48.61	\$ 47.75	\$ 28.77	\$ 12.51	\$ 219.95
126								
127	LDAC	\$ 0.1180	\$ 0.1180	\$ 0.1213	\$ 0.1986	\$ 0.1986	\$ 0.1986	\$ 0.1565
128	LDAC amount	\$ 9.95	\$ 13.98	\$ 16.60	\$ 25.94	\$ 20.62	\$ 13.10	\$ 100.18
129								
130	Total Bill	\$ 106.27	\$ 143.45	\$ 158.80	\$ 163.45	\$ 122.64	\$ 75.52	\$ 770.13

DIFFERENCE:

131	Total Bill	(\$10.10)	(\$15.17)	(\$13.22)	(\$28.37)	(\$11.82)	\$1.01	(\$77.68)
132	% Change	-9.50%	-10.58%	-8.33%	-17.36%	-9.64%	1.33%	-10.09%
133								
134	Base Rate	\$ (13.32)	\$ (21.75)	\$ (26.29)	\$ (24.76)	\$ (18.14)	\$ (8.77)	\$ (113.03)
135	% Change	-21.75%	-26.44%	-28.09%	-27.58%	-24.76%	-17.58%	-25.12%
136								
137	COG & LDAC	\$ 3.22	\$ 6.58	\$ 13.07	\$ (3.62)	\$ 6.31	\$ 9.78	\$ 35.35
138	% Change	7.15%	10.75%	20.05%	-4.91%	12.78%	38.18%	11.04%

**Annual Bill Comparisons, Nov 23 - Apr 24 Actual Rates vs Nov 24 - Apr 25
November 1, 2024 - April 30, 2025**

		(1)	(2)	(3)	(4)	(5)	(6)	(7)
PROPOSED G-41		EST	EST	EST	EST	EST	EST	Winter
Commercial Rate (G-41)		Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	Nov-Apr
139	average Usage (Therms)	261	390	482	458	334	185	2,111
142								
143	Winter:							
	<u>11/1/23 - Current</u>							
144	Cust. Chg	\$ 66.23	\$ 66.23	\$ 66.23	\$ 66.23	\$ 66.23	\$ 66.23	\$ 397.38
145	Headblock	\$ 53.67	\$ 53.67	\$ 53.67	\$ 53.67	\$ 53.67	\$ 53.67	\$ 322.02
146	Tailblock	\$ 59.38	\$ 107.19	\$ 141.00	\$ 132.25	\$ 86.54	\$ 31.38	\$ 557.75
147	HB Threshold	100						
148								
149	Total Base Rate Amount	\$ 179.28	\$ 227.09	\$ 260.90	\$ 252.15	\$ 206.44	\$ 151.28	\$ 1,277.15
150								
151	COG Rate - (Seasonal)	\$ 0.6793	\$ 0.6793	\$ 0.6793	\$ 0.6793	\$ 0.6793	\$ 0.6793	\$ 0.6793
152	COG amount	\$ 177.19	\$ 265.14	\$ 327.36	\$ 311.27	\$ 227.16	\$ 125.67	\$ 1,433.79
153								
154	LDAC	\$ 0.0874	\$ 0.0874	\$ 0.0874	\$ 0.0781	\$ 0.0781	\$ 0.0781	\$ 0.0831
155	LDAC amount	\$ 22.80	\$ 34.11	\$ 42.12	\$ 35.79	\$ 26.12	\$ 14.45	\$ 175.38
156								
157	Total Bill	\$379.27	\$526.34	\$630.38	\$599.21	\$459.72	\$291.40	\$2,886.32

November 1, 2023 - April 30, 2024

CURRENT G-41		ACT	ACT	ACT	ACT	ACT	ACT	Winter
Commercial Rate (G-41)		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Nov-Apr
158	average Usage (Therms)	261	390	482	458	334	185	2,111
161								
162	Winter:							
	<u>11/1/23 - Current</u>							
163	Cust. Chg	\$ 66.23	\$ 66.23	\$ 66.23	\$ 66.23	\$ 66.23	\$ 66.23	\$ 397.38
164	Headblock	\$ 53.67	\$ 53.67	\$ 53.67	\$ 53.67	\$ 53.67	\$ 53.67	\$ 322.02
165	Tailblock	\$ 59.38	\$ 107.19	\$ 141.00	\$ 132.25	\$ 86.54	\$ 31.38	\$ 557.75
166	HB Threshold	100						
167								
168	Total Base Rate Amount	\$ 179.28	\$ 227.09	\$ 260.90	\$ 252.15	\$ 206.44	\$ 151.28	\$ 1,277.15
169								
170	COG Rate - (Seasonal)	\$ 0.7561	\$ 0.7246	\$ 0.6458	\$ 0.6646	\$ 0.5037	\$ 0.3447	\$ 0.6292
171	COG amount	\$ 197.23	\$ 282.82	\$ 311.21	\$ 304.53	\$ 168.44	\$ 63.77	\$ 1,328.01
172								
173	LDAC	\$ 0.0957	\$ 0.0957	\$ 0.0979	\$ 0.0874	\$ 0.0874	\$ 0.0874	\$ 0.0924
174	LDAC amount	\$ 24.96	\$ 37.35	\$ 47.18	\$ 40.05	\$ 29.23	\$ 16.17	\$ 194.94
175								
176	Total Bill	\$401.47	\$547.26	\$619.29	\$596.73	\$404.11	\$231.22	\$2,800.09

DIFFERENCE:

177	Total Bill	\$ (22.20)	\$ (20.92)	\$ 11.08	\$ 2.47	\$ 55.61	\$ 60.18	\$ 86.23
178	% Change	-5.53%	-3.82%	1.79%	0.41%	13.76%	26.03%	3.08%
179								
180	Base Rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
181	% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
182								
183	COG & LDAC	\$ (22.20)	\$ (20.92)	\$ 11.08	\$ 2.47	\$ 55.61	\$ 60.18	\$ 86.23
184	% Change	-9.99%	-6.53%	3.09%	0.72%	28.13%	75.28%	5.66%

Annual Bill Comparisons, Nov 23 - Apr 24 Actual Rates vs Nov 24 - Apr 25
November 1, 2024 - April 30, 2025
C&I High Winter Use Medium G-42

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
PROPOSED G-42	EST Nov-24	EST Dec-24	EST Jan-25	EST Feb-25	EST Mar-25	EST Apr-25	Winter Nov-Apr
average Usage (Therms)	2,543	3,519	4,174	3,998	3,106	1,898	19,238
<u>11/1/23 - Current</u>							
Winter:							
Cust. Chg	\$ 198.65	\$ 198.65	\$ 198.65	\$ 198.65	\$ 198.65	\$ 198.65	\$ 1,191.90
Headblock	\$ 488.40	\$ 488.40	\$ 488.40	\$ 488.40	\$ 488.40	\$ 488.40	\$ 2,930.40
Tailblock	\$ 514.75	\$ 840.22	\$ 1,059.01	\$ 1,000.17	\$ 702.51	\$ 299.45	\$ 4,416.11
HB Threshold	1,000						
Total Base Rate Amount	\$ 1,201.80	\$ 1,527.27	\$ 1,746.06	\$ 1,687.22	\$ 1,389.56	\$ 986.50	\$ 8,538.41
COG Rate - (Seasonal)	\$ 0.6793	\$ 0.6793	\$ 0.6793	\$ 0.6793	\$ 0.6793	\$ 0.6793	\$ 0.6793
COG amount	\$ 1,727.47	\$ 2,390.22	\$ 2,835.74	\$ 2,715.93	\$ 2,109.80	\$ 1,289.06	\$ 13,068.20
LDAC	\$ 0.0874	\$ 0.0874	\$ 0.0874	\$ 0.0781	\$ 0.0781	\$ 0.0781	\$ 0.0830
LDAC amount	\$ 222.26	\$ 307.53	\$ 364.85	\$ 312.25	\$ 242.57	\$ 148.20	\$ 1,597.66
Total Bill	\$ 3,151.52	\$ 4,225.02	\$ 4,946.65	\$ 4,715.41	\$ 3,741.92	\$ 2,423.76	\$ 23,204.28

November 1, 2023 - April 30, 2024
C&I High Winter Use Medium G-42

CURRENT G-42	ACT Nov-23	ACT Dec-23	ACT Jan-24	ACT Feb-24	ACT Mar-24	ACT Apr-24	Winter Nov-Apr
average Usage (Therms)	2,543	3,519	4,174	3,998	3,106	1,898	19,238
<u>11/1/23 - Current</u>							
Winter:							
Cust. Chg	\$ 198.65	\$ 198.65	\$ 198.65	\$ 198.65	\$ 198.65	\$ 198.65	\$ 1,191.90
Headblock	\$ 488.40	\$ 488.40	\$ 488.40	\$ 488.40	\$ 488.40	\$ 488.40	\$ 2,930.40
Tailblock	\$ 514.75	\$ 840.22	\$ 1,059.01	\$ 1,000.17	\$ 702.51	\$ 299.45	\$ 4,416.11
HB Threshold	1,000						
Total Base Rate Amount	\$ 1,201.80	\$ 1,527.27	\$ 1,746.06	\$ 1,687.22	\$ 1,389.56	\$ 986.50	\$ 8,538.41
COG Rate - (Seasonal)	\$ 0.7561	\$ 0.7246	\$ 0.6458	\$ 0.6646	\$ 0.5037	\$ 0.3447	\$ 0.6261
COG amount	\$ 1,922.77	\$ 2,549.62	\$ 2,695.89	\$ 2,657.15	\$ 1,564.41	\$ 654.11	\$ 12,043.95
LDAC	\$ 0.0957	\$ 0.0957	\$ 0.0979	\$ 0.0874	\$ 0.0874	\$ 0.0874	\$ 0.0923
LDAC amount	\$ 243.37	\$ 336.74	\$ 408.68	\$ 349.44	\$ 271.45	\$ 165.85	\$ 1,775.52
Total Bill	\$ 3,367.94	\$ 4,413.62	\$ 4,850.64	\$ 4,693.82	\$ 3,225.42	\$ 1,806.46	\$ 22,357.89

DIFFERENCE:

Total Bill	\$ (216.41)	\$ (188.60)	\$ 96.01	\$ 21.59	\$ 516.50	\$ 617.30	\$ 846.39
% Change	-6.43%	-4.27%	1.98%	0.46%	16.01%	34.17%	3.79%
Base Rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
COG & LDAC	\$ (216.41)	\$ (188.60)	\$ 96.01	\$ 21.59	\$ 516.50	\$ 617.30	\$ 846.39
% Change	-9.99%	-6.53%	3.09%	0.72%	28.13%	75.28%	6.12%

Annual Bill Comparisons, Nov 23 - Apr 24 Actual Rates vs Nov 24 - Apr 25
November 1, 2024 - April 30, 2025
Commercial Rate (G-52)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
PROPOSED G-52	EST Nov-24	EST Dec-24	EST Jan-25	EST Feb-25	EST Mar-25	EST Apr-25	Winter Nov-Apr
231	1,907	2,294	2,692	2,308	2,175	1,933	13,309
232							
233							
234							
235							
236							
237							
238							
239							
240							
241							
242							
243							
244							
245							
246							
247							
248							
249							
Total Bill	\$2,113.02	\$2,482.84	\$2,864.25	\$2,475.18	\$2,349.57	\$2,119.66	\$14,404.51

November 1, 2023 - April 30, 2024
Commercial Rate (G-52)

	ACT Nov-23	ACT Dec-23	ACT Jan-24	ACT Feb-24	ACT Mar-24	ACT Apr-24	Winter Nov-Apr
250	1,907	2,294	2,692	2,308	2,175	1,933	13,309
251							
252							
253							
254							
255							
256							
257							
258							
259							
260							
261							
262							
263							
264							
265							
266							
267							
268							
Total Bill	\$2,277.05	\$2,607.83	\$2,804.76	\$2,464.80	\$1,989.74	\$1,492.59	\$13,636.77

DIFFERENCE:

269	\$ (164.03)	\$ (125.00)	\$ 59.49	\$ 10.39	\$ 359.82	\$ 627.07	\$ 767.74
270	% Change -7.20%	% Change -4.79%	% Change 2.12%	% Change 0.42%	% Change 18.08%	% Change 42.01%	% Change 5.63%
271							
272	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
273	% Change 0.00%	% Change 0.00%	% Change 0.00%	% Change 0.00%	% Change 0.00%	% Change 0.00%	% Change 0.00%
274							
275	\$ (164.03)	\$ (125.00)	\$ 59.49	\$ 10.39	\$ 359.82	\$ 627.07	\$ 767.74
276	% Change -10.08%	% Change -6.63%	% Change 2.97%	% Change 0.60%	% Change 27.93%	% Change 74.87%	% Change 8.18%

Residential Heating

	<u>Winter 2023-2024</u>	<u>Winter 2024-2025</u>
277 Customer Charge	\$ -	\$ -
278 First 100 Therms	\$ 0.6167	\$ 0.6167
279 Excess 100 Therms	\$ 0.6167	\$ 0.6167
280 LDAC	\$ 0.1565	\$ 0.1819
281 COG	\$ 0.6249	\$ 0.6792
282 Total Adjust	\$ 0.7814	\$ 0.8611

		<u>Winter 2023-24 @</u>	<u>Winter 2024-25 @</u>	Total		Base Rate		COG		LDAC	
				\$ Impact	% Impact	\$ Impact	% Impact	\$ Impact	% Impact	\$ Impact	% Impact
283		\$0.7814	\$0.8611	\$0.08	10%						
284 Cooking alone	5	\$6.99	\$7.39	\$0.40	5.70%	\$0.00	0%	\$0.27	4%	\$0.13	1.81%
285	10	\$13.98	\$14.78	\$0.80	5.70%	\$0.00	0%	\$0.54	4%	\$0.25	1.81%
286	20	\$27.96	\$29.56	\$1.59	5.70%	\$0.00	0%	\$1.09	4%	\$0.51	1.81%
287 Water Heating alone	30	\$41.94	\$44.33	\$2.39	5.70%	\$0.00	0%	\$1.63	4%	\$0.76	1.81%
288	45	\$62.91	\$66.50	\$3.59	5.70%	\$0.00	0%	\$2.45	4%	\$1.14	1.81%
289	50	\$69.91	\$73.89	\$3.98	5.70%	\$0.00	0%	\$2.72	4%	\$1.27	1.81%
290 Heating Alone	80	\$104.86	\$110.83	\$5.98	5.70%	\$0.00	0%	\$4.08	4%	\$1.90	1.81%
291	125	\$185.95	\$196.55	\$10.60	5.70%	\$0.00	0%	\$7.23	4%	\$3.37	1.81%
292	150	\$209.72	\$221.67	\$11.95	5.70%	\$0.00	0%	\$8.15	4%	\$3.80	1.81%
293	200	\$279.62	\$295.56	\$15.94	5.70%	\$0.00	0%	\$10.87	4%	\$5.07	1.81%

Variance Analysis of the Components of the Winter 2023-2024 Actual Results vs Proposed Winter 2024-2025 Cost of Gas Rate

	WINTER 2023-2024 ACTUAL RESULTS (6 months actual)			WINTER 2024-2025 (6 months Proposed)		
	THERM SENDOUT	COSTS	EFFECT ON COST OF GAS	THERM SENDOUT	COSTS	EFFECT ON COST OF GAS
1 Therm Sales (COG)	77,461,592			88,888,172		
2						
3						
4						
5						
6 Demand Charges		\$ 9,957,778	0.1286		\$ 14,124,307	\$ 0.1589
7						
8 Purchased Gas		25,749,770	0.3324	63,648,343	40,009,791	0.4501
9						
10 Storage/Produced Gas		-	-	24,450,751	8,288,280	0.0932
11						
12 Hedging (Gain)/Loss		-	-		(4,494,900)	(0.0506)
13						
14						
15 Total Volumes and Cost	81,653,073	\$ 35,707,548	\$ 0.4610	88,099,094	\$ 57,927,477	\$ 0.6517
16						
17 Direct Costs						
18 Prior Period Balance		\$ 8,548,887	\$ 0.1104		\$ 306,763	\$ 0.0035
19 Interest		927,526	0.0120		188,887	0.0021
20 Prior Period Adjustment		-	-		54,172	0.0006
21 Broker Revenues		(206,870)	(0.0027)		30,408	0.0003
22 Refunds from Suppliers		-	-		-	-
23 Fuel Financing		861,872	0.0111		462,146	0.0052
24 Transportation CGA Revenues		(90,781)	(0.0012)		62,123	0.0007
25 280 Day Margin		-	-		-	-
26 Interruptible Sales Margin		-	-		-	-
27 Capacity Release and Off System Sales Margins		(2,159,873)	(0.0279)		(2,836,642)	(0.0319)
28 Hedging Costs		-	-		-	-
29 FPO Admin Costs		62,993	0.0008		62,993	0.0007
30 Indirect Costs						
31 Misc Overhead		-	-		-	-
32 Occupant Disallowance/Credits		-	-		-	-
33 Production & Storage		3,685,458	0.0476		3,685,459	0.0415
34 Bad Debt Adjustment %		-	-		1,051,384	0.0118
35 Cashout, Broker penalty, Canadian Managed,...		-	-		-	-
36 Total Adjusted Cost		\$ 47,336,759	\$ 0.6111		\$ 60,995,170	\$ 0.6862

Load Migration From Sales to Transportation in the C&I High and Low Winter Use Classes

July 2023 - June 2024 Normalized Sales and Transportation Volumes (Therms)

	C&I Rate Classes	Annual Sales	% of Total by Class	% of Sales to Total Volume by Class
1	G-41	16,366,543	41.36%	77.16%
2	G-42	12,254,002	30.96%	41.06%
3	G-43	4,169,251	10.54%	36.88%
4	G-51	2,474,194	6.25%	73.41%
5	G-52	2,729,502	6.90%	33.67%
6	G-53	937,629	2.37%	9.95%
7	G-54	642,605	1.62%	4.24%
8				
9	Total C/I	39,573,727	100.00%	
10				
11				% of Transportation to Total Volume by Class
12		Annual Transportation	% of Total by Class	
13				
14	G-41	4,845,547	8.23%	22.84%
15	G-42	17,591,227	29.89%	58.94%
16	G-43	7,136,280	12.13%	63.12%
17	G-51	896,373	1.52%	26.59%
18	G-52	5,377,802	9.14%	66.33%
19	G-53	8,485,991	14.42%	90.05%
20	G-54	14,513,586	24.66%	95.76%
21				
22	Total C/I	58,846,806	100.00%	
23				
24			% of Total by Class	
25	Sales & Transportation	Total		
26	G-41	21,212,090	21.55%	
27	G-42	29,845,229	30.32%	
28	G-43	11,305,531	11.49%	
29	G-51	3,370,567	3.42%	
30	G-52	8,107,304	8.24%	
31	G-53	9,423,620	9.57%	
32	G-54	15,156,191	15.40%	
33				
34	Total C/I	98,420,533	100.00%	

Delivered Costs of Winter Supplies to Pipeline Delivered Supplies from the Prior Year

	Off-Peak	Peak	Total	
	May 23 - Oct 23	Nov 23 - Apr 24	May 23 - Apr 24	
	(Therms)	(Therms)	(Therms)	
1 Pipeline Deliveries	16,240,491	77,561,433	93,801,924	
2 All Others	320,270	4,091,640	4,411,910	
3	<u>16,560,761</u>	<u>81,653,073</u>	<u>98,213,834</u>	
4				Ratio
5 Total Winter Supplies				81,653,073
6 Total Pipeline Deliveries				93,801,924
7				
8 Ratio Winter Supplies to Pipeline Supplies				0.870

July and August Consumption of C&I High and Low Winter Classes as a Percentage of Their Annual Consumption

C&I Sales						
	Normalized (Therms)	Jul-23	Aug-23	Jul - Aug Total	Total Annual	% of Jul-Aug to Total
	(a)	(b)	(c)	(d) = (b) + (c)	(e)	(f) = (d) / (e)
1	G-41	167,439	188,657	356,095	16,366,543	2.18%
2	G-42	163,973	185,840	349,813	12,254,002	2.85%
3	G-43	71,187	86,412	157,598	4,169,251	3.78%
4	G-51	147,893	160,896	308,789	2,474,194	12.48%
5	G-52	154,455	166,927	321,382	2,729,502	11.77%
6	G-53	72,717	84,324	157,041	937,629	16.75%
7	G-54	32,607	33,010	65,617	642,605	10.21%
8						
9						
10	Total C/I	810,270	906,066	1,716,336	39,573,727	4.34%

Forecast of Firm Transportation Volumes and Cost of Gas Revenues

Firm Transportation

		Therms 1/	Cost of Gas Rate 2/	Cost of Gas Revenue
1	Nov-24	6,395,064	\$ 0.0014	\$ 9,263
2	Dec-24	7,675,681	0.0014	11,118
3	Jan-25	8,898,558	0.0014	12,889
4	Feb-25	7,661,247	0.0014	11,097
5	Mar-25	7,132,755	0.0014	10,332
6	Apr-25	<u>5,125,445</u>	0.0014	<u>7,424</u>
7				
8	Total	<u>42,888,750</u>		<u>\$ 62,123</u>
9				

11 1/ Per Schedule 10B, line 26. Excludes special contract volumes subject to transportation cost of gas.

12 2/ Refer to Pk Tariff Page 98 for calculation of rate.

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
Peak 2024 – 2025 Winter Cost of Gas Filing
Fixed Price Option

Nov - Apr:	Participation	Premium	FPO Volumes	Premium Revenue	Residential FPO Rate	Initial Residential COG Rate	Residential Total Bill - FPO Rate	Residential Total Bill - COG Rate	Difference	% Difference	Commercial FPO Rate	Commercial Average COG Rate	Commercial Total Bill - FPO Rate	Commercial Total Bill - COG Rate	Difference	% Difference
1 1998-1999	6.0%				\$ 0.3927	\$ 0.3722	\$ 943.37	\$ 926.93	\$ 16.44	1.77%	\$ 0.3927	\$ 0.3736	\$ 1,570.86	\$ 1,546.08	\$ 24.79	1.60%
2 1999-2000	9.0%				\$ 0.4724	\$ 0.4628	\$ 679.85	\$ 672.22	\$ 7.63	1.13%	\$ 0.4724	\$ 0.4636	\$ 1,161.81	\$ 1,149.15	\$ 12.67	1.10%
3 2000-2001	20.0%				\$ 0.6408	\$ 0.7656	\$ 816.25	\$ 916.09	\$ (99.84)	-10.90%	\$ 0.6408	\$ 0.7189	\$ 1,376.64	\$ 1,533.43	\$ (156.79)	-10.22%
4 2001-2002	24.0%				\$ 0.5141	\$ 0.4818	\$ 790.65	\$ 760.55	\$ 30.10	3.96%	\$ 0.5238	\$ 0.4928	\$ 1,301.07	\$ 1,256.88	\$ 44.19	3.52%
5 2002-2003	24.0%	\$ 0.0051	25,107,016	\$ 128,045.78	\$ 0.5553	\$ 0.5758	\$ 821.32	\$ 840.44	\$ (19.11)	-2.27%	\$ 0.5658	\$ 0.5860	\$ 1,344.02	\$ 1,372.86	\$ (28.84)	-2.10%
6 2003-2004	23.0%	\$ 0.0219	25,220,575	\$ 552,330.59	\$ 0.8597	\$ 0.8220	\$ 1,115.55	\$ 1,080.46	\$ 35.09	3.25%	\$ 0.8759	\$ 0.8352	\$ 1,798.38	\$ 1,740.30	\$ 58.08	3.34%
7 2004-2005	29.6%	\$ 0.0100	27,378,128	\$ 273,781.28	\$ 0.8925	\$ 0.9425	\$ 1,142.96	\$ 1,189.55	\$ (46.60)	-3.92%	\$ 0.9092	\$ 0.9562	\$ 1,844.75	\$ 1,911.86	\$ (67.10)	-3.51%
8 2005-2006	29.8%	\$ 0.0200	25,944,091	\$ 518,881.82	\$ 1.2951	\$ 1.1342	\$ 1,526.01	\$ 1,376.01	\$ 150.00	10.90%	\$ 1.3192	\$ 1.1686	\$ 2,450.66	\$ 2,235.77	\$ 214.89	9.61%
9 2006-2007	15.1%	\$ 0.0200	13,135,684	\$ 262,713.68	\$ 1.2664	\$ 1.1656	\$ 1,509.79	\$ 1,415.80	\$ 93.99	6.64%	\$ 1.2666	\$ 1.1647	\$ 2,321.15	\$ 2,175.70	\$ 145.45	6.68%
10 2007-2008	15.8%	\$ 0.0200	14,078,553	\$ 281,571.06	\$ 1.2043	\$ 1.1746	\$ 1,433.09	\$ 1,405.40	\$ 27.69	1.97%	\$ 1.2044	\$ 1.1725	\$ 2,232.39	\$ 2,186.92	\$ 45.47	2.08%
11 2008-2009	15.2%	\$ 0.0200	13,041,335	\$ 260,826.70	\$ 1.2835	\$ 1.0888	\$ 1,555.31	\$ 1,373.85	\$ 181.46	13.21%	\$ 1.2836	\$ 1.0958	\$ 2,467.49	\$ 2,199.54	\$ 267.95	12.18%
12 2009-2010	11.4%	\$ 0.0200	8,405,413	\$ 168,108.26	\$ 0.9863	\$ 0.9416	\$ 1,250.80	\$ 1,209.12	\$ 41.69	3.45%	\$ 0.9865	\$ 0.9408	\$ 1,984.29	\$ 1,919.03	\$ 65.26	3.40%
13 2010-2011	12.6%	\$ 0.0200	10,379,804	\$ 207,596.08	\$ 0.8420	\$ 0.8029	\$ 1,175.03	\$ 1,138.58	\$ 36.45	3.20%	\$ 0.8434	\$ 0.8030	\$ 1,880.96	\$ 1,823.34	\$ 57.63	3.16%
14 2011-2012	11.9%	\$ 0.0200	7,835,197	\$ 156,703.94	\$ 0.8126	\$ 0.7309	\$ 1,165.61	\$ 1,089.44	\$ 76.17	6.99%	\$ 0.8129	\$ 0.7327	\$ 1,845.28	\$ 1,730.88	\$ 114.40	6.61%
15 2012-2013	10.9%	\$ 0.0200	8,179,524	\$ 163,590.48	\$ 0.6919	\$ 0.7680	\$ 743.03	\$ 792.48	\$ (49.45)	-6.24%	\$ 0.6936	\$ 0.7724	\$ 1,989.86	\$ 2,132.90	\$ (143.03)	-6.71%
16 2013-2014	10.5%	\$ 0.0200	8,930,779	\$ 178,615.58	\$ 0.9095	\$ 1.1086	\$ 857.72	\$ 981.21	\$ (123.49)	-12.59%	\$ 0.9108	\$ 1.1158	\$ 2,995.66	\$ 3,393.08	\$ (397.41)	-11.71%
17 2014-2015	15.1%	\$ 0.0795	9,297,789	\$ 739,174.23	\$ 1.2425	\$ 1.1230	\$ 1,127.66	\$ 948.07	\$ 179.59	18.94%						
18 2015-2016	15.3%	\$ 0.0200	4,941,157	\$ 98,823.14	\$ 0.7716	\$ 0.7516	\$ 869.15	\$ 712.73	\$ 156.42	21.95%						
19 2016-2017	11.5%	\$ 0.0106	5,419,967	\$ 57,451.65	\$ 0.7268	\$ 0.7162	\$ 827.14	\$ 812.38	\$ 14.76	1.82%						
20 2017-2018	10.6%	\$ 0.0200	5,298,900	\$ 105,978.00	\$ 0.6645	\$ 0.6445	\$ 878.70	\$ 865.94	\$ 12.76	1.47%						
21 2018-2019	10.8%	\$ 0.0200	5,708,925	\$ 114,178.50	\$ 0.7611	\$ 0.7411	\$ 984.83	\$ 972.12	\$ 12.71	1.31%						
22 2019-2020	7.2%	\$ 0.0200	3,447,167	\$ 68,943.34	\$ 0.6403	\$ 0.6203	\$ 930.46	\$ 917.74	\$ 12.72	1.39%						
23 2020-2021	11.1%	\$ 0.0200	5,373,268	\$ 107,465.36	\$ 0.5771	\$ 0.5571	\$ 895.32	\$ 882.60	\$ 12.72	1.44%						
24 2021-2022	12.0%	\$ 0.0200	5,800,339	\$ 116,006.78	\$ 1.1539	\$ 1.1339	\$ 1,333.97	\$ 1,320.63	\$ 13.34	1.01%						
25 2022-2023	8.5%	\$ 0.0200	3,765,099	\$ 75,301.97	\$ 1.4500	\$ 1.4300	\$ 1,466.88	\$ 1,453.54	\$ 13.34	0.92%						
26 2023-2024	12.0%	\$ 0.0200	5,140,358	\$ 102,807.16	\$ 0.7763	\$ 0.7563	\$ 1,059.35	\$ 1,046.55	\$ 12.80	1.22%						
27 2024-2025					\$ 0.6992	\$ 0.6792	\$ 1,059.04	\$ 1,046.32	\$ 12.72	1.22%						
28 Total									\$ 812.09						\$ 257.59	

**Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
Peak 2024 – 2025 Winter Cost of Gas Filing
Short-Term Debt Limitations**

Schedule 24
Page 1 of 1

	<u>For Purposes of Fuel Financing</u>	
Total Direct Gas Costs	\$	55,639,395
Total Indirect Gas Costs		<u>4,736,843</u>
Total Gas Costs	\$	60,376,238
% of Debt to Total Gas Costs		30%
Short Term Debt	\$	18,112,871
	<u>For Purposes Other Than Fuel Financing</u>	
12/31/2024 Projected Net Plant	\$	619,517,380
% of Debt to Net Plant		20%
Short Term Debt	\$	123,903,476

**Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
Peak 2024 – 2025 Winter Cost of Gas Filing
Company Allowance Calculation &
Lost and Unaccounted For Gas ("LAUF") Calculation**

Company Allowance Calculation

	Jul-2023	Aug-2023	Sep-2023	Oct-2023	Nov-2023	Dec-2023	Jan-2024	Feb-2024	Mar-2024	Apr-2024	May-2024	Jun-2024	Total
1 Total Sendout- Therms	5,064,465	5,277,670	5,593,807	8,820,545	18,994,856	20,836,034	27,185,708	22,975,636	18,789,145	13,459,147	7,215,218	5,219,925	159,432,155
2 Total Throughput - Therms	5,110,353	5,223,618	5,223,506	5,674,523	10,823,794	19,141,951	21,616,313	25,121,138	21,716,898	17,406,603	11,679,337	6,488,655	155,226,688
3 Variance	(45,888)	54,052	370,301	3,146,023	8,171,062	1,694,084	5,569,395	(2,145,502)	(2,927,753)	(3,947,457)	(4,464,120)	(1,268,730)	4,205,467
4 Company Allowance													2.64%

Lost and Unaccounted For Gas ("LAUF") Calculation

	Jul-2023	Aug-2023	Sep-2023	Oct-2023	Nov-2023	Dec-2023	Jan-2024	Feb-2024	Mar-2024	Apr-2024	May-2024	Jun-2024	Total
5 Total Sendout- Therms	5,064,465	5,277,670	5,593,807	8,820,545	18,994,856	20,836,034	27,185,708	22,975,636	18,789,145	13,459,147	7,215,218	5,219,925	159,432,155
6 Total Throughput- Therms	5,110,353	5,223,618	5,223,506	5,674,523	10,823,794	19,141,951	21,616,313	25,121,138	21,716,898	17,406,603	11,679,337	6,488,655	155,226,688
7 Company Use	1,971	1,982	6,067	5,302	17,823	84,495	37,797	34,443	17,377	12,808	5,394	1,922	227,379
8 Variance	(47,859)	52,070	364,234	3,140,721	8,153,239	1,609,588	5,531,599	(2,179,945)	(2,945,130)	(3,960,265)	(4,469,513)	(1,270,651)	3,978,088
9 LAUF													2.50%

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
Peak 2024 – 2025 Winter Cost of Gas Filing
Fuel Inventory Revenue Requirement

(a)	(b)	(c)	(d)	(e)	(f)	(g)	
	5 Quarter Avg	Jun-23 Q2 2023	Sep-23 Q3 2023	Dec-23 Q4 2023	Mar-24 Q1 2024	Jun-24 Q2 2024	
1							
2	Gas Stored Underground	\$ 2,446,526	\$ 2,894,784	\$ 3,761,153	\$ 3,276,263	\$ 572,526	\$ 1,727,906
3	Fuel Stock - Propane	\$ 1,614,911	\$ 1,555,784	\$ 1,688,750	\$ 1,689,153	\$ 1,635,581	\$ 1,505,289
4	UG Storage - LNG	\$ 91,225	\$ 114,826	\$ 137,476	\$ 55,245	\$ 70,443	\$ 78,136
5		<u>\$ 4,152,663</u>					
6	ROR	<u>8.76%</u>	Pre-Tax Rate of 6.64% and Statutory Tax Rate of 27.08%				
		\$ 363,666					
7	Income Tax Gross-up	1.2708					
8	Revenue Requirement	<u>\$ 462,146</u>					

**Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
Off-Peak 2025 Summer Cost of Gas Filing
Summary**

(a)	Reference (b)	OP 25 May - Oct (c)
1 Anticipated Direct Cost of Gas		
2 Purchased Gas:		
3 Demand Costs:	Schedule 3, col (q), In 10	\$ 1,210,454
4 Supply Costs	Schedule 3, col (q), In 11	6,947,947
5		
6 Storage Gas:		
7 Demand, Capacity:		-
8 Commodity Costs:		-
9		
10 Produced Gas:		-
11		
12 Hedge Contract (Savings)	Schedule 3, col (q), In 12	<u>(3,860,898)</u>
13		
14 Total Unadjusted Cost of Gas		<u>\$ 4,297,502</u>
15		
16 Adjustments:		
17		
18 Prior Period (Over)/Under Recovery	Schedule 3, col (c), In 27	\$ (409,360)
19 Interest 11/01/24-10/31/25	Schedule 3, col (q), In 110	25,413
20 Accounting Adjustments	Schedule 3, col (q), In 18 + In 55 + In	-
21 Refunds from Suppliers	Schedule 4, In 2	-
22 Broker Revenues	Schedule 4, In 3	-
23 Fuel Financing	Schedule 4, In 4	-
24 Transportation CGA Revenues	Schedule 4, In 5	-
25 Interruptible Sales Margin	Schedule 4, In 6	-
26 Capacity Release and Off System Sales Margins	Schedule 4, In 7 + In 8	(3,069,734)
27 Hedging Costs	Schedule 4, In 9	-
28 Fixed Price Option Administrative Costs	Schedule 4, In 10	-
29		
30 Total Adjustments		<u>\$ (3,453,681)</u>
31		
32 Total Anticipated Direct Costs	Ins 14 + 30	<u>\$ 843,821</u>
33		
34 Anticipated Indirect Cost of Gas		
35 Working Capital		
36 Total Unadjusted Anticipated Cost of Gas	In 14	\$ 4,297,502
37 Lead Lag Days / 365	DG 20-105, 25.72/ 365	0.0705
38 Prime Rate		8.50%
39 Working Capital Percentage	In 37 * In 38	0.599%
40 Working Capital	Schedule 3, col (q), In 52	25,753
41 Prior Period Working Capital	Schedule 3, col (c), In 63	<u>(5,240)</u>
42		
43 Total Working Capital Allowance	Ins 40 + 41	<u>\$ 20,513</u>
44		
45 Bad Debt		
46 Total Unadjusted Anticipated Cost of Gas	In 14	\$ 4,297,502
47 Less Refunds	In 21	-
48 Plus Working Capital	In 43	20,513
49 Plus Prior Period (Over) Under Recovery	In 18	<u>(409,360)</u>
50 Subtotal		\$ 3,908,656
51 Bad Debt Percentage	per GTC 18(f)	1.99%
52		
53 Bad Debt Allowance	Schedule 3, col (q), In 87	9,002
54 Prior Period Bad Debt Allowance	Schedule 3, col (c), In 97	<u>750,057</u>
55		
56 Total Bad Debt Allowance	Ins 53 + 54	<u>\$ 759,059</u>
57		
58 Production and Storage Capacity	per GTC18(f)	<u>\$ -</u>
59		
60 Miscellaneous Overhead	per GTC 18(f)	\$ -
61 Sales Volume	Schedule 10B, col (o), In 15/1000	22,423
62 Divided by Total Sales	Schedule 10B, col (p), In 15/1000	111,311
63 Ratio		<u>20.14%</u>
64		
65 Miscellaneous Overhead	Ins 60 * 63	<u>\$ -</u>
66		
67 Total Anticipated Indirect Cost of Gas	Ins 43 + 56 + 58 + 65	<u>\$ 779,573</u>
68		
69 Total Cost of Gas	Ins 32 + 67	<u>\$ 1,623,394</u>
70		
71 Projected Forecast Sales (Therms)	Sch. 3, col (r), In 30	<u>22,422,719</u>

Liberty Utilities (Energy/North Natural Gas) Corp. d/b/a Liberty
 Off-Peak 2025 Summer Cost of Gas Filing
 COG (Over)/Under Cumulative Recovery Balances and Interest Calculation

	Days in Month (b)	Prior Period Bal Oct-24 Ending Bal (c)	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	Total (q)
			Nov-24 30 (d)	Dec-24 31 (e)	Jan-25 31 (f)	Feb-25 28 (g)	Mar-25 31 (h)	Apr-25 30 (i)	May-25 31 (j)	Jun-25 30 (k)	Jul-25 31 (l)	Aug-25 31 (m)	Sep-25 30 (n)	Oct-25 31 (o)	
Account 10168-130800-11174002 COG (Over)/Under Balance															
Beginning Balance	Account 10168-130800-11174001	\$ (409,360)	\$ (409,360)	\$ (412,212)	\$ (415,180)	\$ (418,177)	\$ (420,904)	\$ (423,942)	\$ (426,904)	\$ 301,408	\$ 170,920	\$ (708,637)	\$ 429,209	\$ (1,054,358)	\$ (409,360)
Purchased Gas:															
Demand Costs:	Sch. 5, In 34	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 201,742	\$ 201,742	\$ 201,742	\$ 201,742	\$ 201,742	\$ 201,742	\$ 1,210,454
Supply Costs	Sch. 6, In 36	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,554,953	\$ 1,004,480	\$ 982,001	\$ 865,264	\$ 876,491	\$ 1,664,757	\$ 6,947,947
Hedge Contract (Savings)	Sch. 6, In 38	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (643,483)	\$ (643,483)	\$ (643,483)	\$ (643,483)	\$ (643,483)	\$ (3,860,898)	
Total Unadjusted Cost of Gas		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,113,213	\$ 562,739	\$ 540,260	\$ 423,524	\$ 434,750	\$ 1,223,017	\$ 4,297,502
Production & Storage		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Misc. Overhead		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Revenues w/o Int.	In 32 * 39	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (195,353)	\$ (98,909)	\$ (79,796)	\$ (81,238)	\$ (110,512)	\$ (252,600)	\$ (818,408)
Accounting Adjustments		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Adjustments to Gas Costs	Sch.4, In 11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (189,096)	\$ (595,962)	\$ (1,338,087)	\$ 796,565	\$ (1,805,629)	\$ 62,475	\$ (3,068,734)
Monthly (Over)/Under Recovery	(In 7 + 20)/2	\$ (409,360)	\$ (412,212)	\$ (415,180)	\$ (418,177)	\$ (420,904)	\$ (423,942)	\$ (426,904)	\$ 301,859	\$ 169,276	\$ (706,703)	\$ 430,214	\$ (1,052,182)	\$ (21,466)	\$ 4,297,502
Average Monthly Balance	(In 7 + 20)/2	\$ (409,360)	\$ (412,212)	\$ (415,180)	\$ (418,177)	\$ (420,904)	\$ (423,942)	\$ (426,904)	\$ 301,859	\$ 169,276	\$ (706,703)	\$ 430,214	\$ (1,052,182)	\$ (21,466)	\$ 4,297,502
Interest Rate	Prime Rate		8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	
Interest Applied	In 21 * In 23 / (366 OR 365) * Days of Month	\$ (2,852)	\$ (2,968)	\$ (2,997)	\$ (2,727)	\$ (3,039)	\$ (2,962)	\$ (451)	\$ 1,644	\$ (1,934)	\$ (1,005)	\$ (2,176)	\$ (3,883)	\$ (25,350)	\$ (25,350)
(Over)/Under Balance	In 20 + In 25	\$ (409,360)	\$ (412,212)	\$ (415,180)	\$ (418,177)	\$ (420,904)	\$ (423,942)	\$ (426,904)	\$ 301,408	\$ 170,920	\$ (708,637)	\$ 429,209	\$ (1,054,358)	\$ (25,350)	\$ 4,272,153
Forecast Sendout Therms	Sch. 6, In 62 * 10								5,165,585	3,326,947	3,037,586	2,894,453	3,567,630	6,563,081	24,555,282
Less Forecast Billing Therm Sales	Sch. 10B, In 15								5,352,280	2,709,906	2,186,239	2,225,764	3,027,813	6,920,717	22,422,719
Less Forecast Unaccounted For	In 31 * Sch. 25, In 9								128,890	83,013	75,793	72,221	89,018	163,759	612,694
Less Forecast Company Use	In 31 * 0.00064								3,306	2,129	1,944	1,852	2,283	4,200	15,715
Unbilled Volumes	In 31 - Ins 32 through 34								(318,891)	531,899	773,610	594,615	448,516	(525,696)	1,504,154
Gross Unbilled	In 35 + prior month in 36								(318,891)	213,009	986,619	1,581,234	2,029,750	1,504,154	
COB w/o Interest	In 128 col. (c)								\$0.0365	\$0.0365	\$0.0365	\$0.0365	\$0.0365	\$0.0365	\$0.0365
COG With Interest	In 128 col. (d)								\$0.0354	\$0.0354	\$0.0354	\$0.0354	\$0.0354	\$0.0354	\$0.0354

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
 Off-Peak 2025 Summer Cost of Gas Filing
 COG (Over)/Under Cumulative Recovery Balances and Interest Calculation

	(a) Days in Month (b)	Prior Period Bal Oct-24 Ending Bal (c)	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	Total (q)
			Nov-24 30 (d)	Dec-24 31 (e)	Jan-25 31 (f)	Feb-25 28 (g)	Mar-25 31 (h)	Apr-25 30 (i)	May-25 31 (j)	Jun-25 30 (k)	Jul-25 31 (l)	Aug-25 31 (m)	Sep-25 30 (n)	Oct-25 31 (o)	
Account 10168-130802-11142005 Working Capital (Over)/Under Balance															
Beginning Balance	Account 10168-130801-11142004	\$ (5,240)	\$ (5,240)	\$ (5,276)	\$ (5,314)	\$ (5,352)	\$ (5,387)	\$ (5,426)	\$ (5,464)	\$ (3,723)	\$ (2,852)	\$ (1,631)	\$ (1,139)	\$ (1,313)	\$ (5,240)
Days Lag	DG 20-105, 25,72/ 365		0.0705	0.0705	0.0705	0.0705	0.0705	0.0705	0.0705	0.0705	0.0705	0.0705	0.0705	0.0705	0.0705
Prime Rate			8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%
Working Capital	In 14 * In 50 * In 51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,671	\$ 3,372	\$ 3,238	\$ 2,538	\$ 2,605	\$ 7,329
Revenues w/o Int.	In 67 * In 71	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (4,896)	\$ (2,479)	\$ (2,000)	\$ (2,036)	\$ (2,770)	\$ (6,331)
Add Net Adjustments		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Monthly (Over)/Under Recovery		\$ (5,240)	\$ (5,276)	\$ (5,314)	\$ (5,352)	\$ (5,387)	\$ (5,426)	\$ (5,464)	\$ (3,690)	\$ (2,830)	\$ (1,615)	\$ (1,129)	\$ (1,304)	\$ (1,304)	\$ (315)
Average Monthly Balance	(In 48 + In 56)/2	\$ (5,240)	\$ (5,276)	\$ (5,314)	\$ (5,352)	\$ (5,387)	\$ (5,426)	\$ (5,464)	\$ (4,577)	\$ (3,276)	\$ (2,234)	\$ (1,380)	\$ (1,222)	\$ (814)	\$ -
Interest Rate	Prime Rate		8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%
Interest Applied	In 57 * In 59 / (366 OR 365) * Days of Month	\$ (37)	\$ (38)	\$ (38)	\$ (35)	\$ (39)	\$ (38)	\$ (33)	\$ (23)	\$ (16)	\$ (10)	\$ (9)	\$ (6)	\$ (6)	\$ (321)
(Over)/Under Balance	In 56 + In 61	\$ (5,240)	\$ (5,276)	\$ (5,314)	\$ (5,352)	\$ (5,387)	\$ (5,426)	\$ (5,464)	\$ (3,723)	\$ (2,852)	\$ (1,631)	\$ (1,139)	\$ (1,313)	\$ (321)	\$ (321)
Forecast Therm Sales	In 32								5,352,280	2,709,906	2,186,239	2,225,764	3,027,813	6,920,717	22,422,719
Unbilled Therm	In 35								(318,891)	531,899	773,610	594,615	448,516	(525,596)	1,504,154
Gross Unbilled									(318,891)	213,009	986,619	1,581,234	2,029,750	1,504,154	
Working Cap. Rate w/out Int.	In 145 col. (c)								\$0.0009	\$0.0009	\$0.0009	\$0.0009	\$0.0009	\$0.0009	\$0.0009
Working Capital Rate w/ Int.	In 145 col. (d)								\$0.0009	\$0.0009	\$0.0009	\$0.0009	\$0.0009	\$0.0009	\$0.0009

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
 Off-Peak 2025 Summer Cost of Gas Filing
 COG (Over)/Under Cumulative Recovery Balances and Interest Calculation

74 75 76 77 78 79	(a)	Days in Month (b)	Prior Period Bal Oct-24 Ending Bal (c)	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	Total (q)
				Nov-24 30 (d)	Dec-24 31 (e)	Jan-25 31 (f)	Feb-25 28 (g)	Mar-25 31 (h)	Apr-25 30 (i)	May-25 31 (j)	Jun-25 30 (k)	Jul-25 31 (l)	Aug-25 31 (m)	Sep-25 30 (n)	Oct-25 31 (o)	
80	Account 10168-130803-11174002 Bad Debt (Over)/Under Balance															
80	Direct Gas Costs	In 14	\$	-	-	-	-	-	-	1,113,213	562,739	540,260	423,524	434,750	1,223,017	4,297,502
81	Working Capital	In 52	\$	-	-	-	-	-	-	6,671	3,372	3,238	2,538	2,605	7,329	25,753
82	Prior Period Balance	In 27	\$	-	-	-	-	-	-	(68,227)	(68,227)	(68,227)	(68,227)	(68,227)	(68,227)	(409,360)
83	Total Forecast Direct Gas Costs & Working Capital		\$	-	-	-	-	-	-	1,051,657	497,885	475,271	397,535	369,129	1,162,119	3,913,895
84																
85	Beginning Balance	Account 10168-130804-11174003	\$	750,057	755,283	760,721	766,213	771,209	776,776	782,203	608,437	521,780	452,367	380,840	281,496	750,057
86			\$													
87	Forecast Bad Debt	In 83 * 0.0023	\$	-	-	-	-	-	-	2,419	1,145	1,093	823	849	2,673	9,002
88	Projected Revenues w/o int	In 101 * In 105	\$	-	-	-	-	-	-	(181,187)	(91,736)	(74,009)	(75,347)	(102,498)	(234,282)	(759,059)
89	Add Net Adjustments		\$	-	-	-	-	-	-	-	-	-	-	-	-	-
90	Monthly (Over)/Under Recovery		\$	750,057	755,283	760,721	766,213	771,209	776,776	603,435	517,845	448,864	377,843	279,191	49,887	-
91	Average Monthly Balance	(In 85 + In 90)/2	\$	750,057	755,283	760,721	766,213	771,209	776,776	692,819	563,141	485,322	415,105	330,015	165,692	-
92																
93	Interest Rate	Prime Rate		8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%	
94																
95	Interest Applied	In 91 * In 93 / (366 OR 365) * Days of Month	\$	5,226	5,438	5,492	4,996	5,567	5,427	5,002	3,934	3,504	2,997	2,306	1,196	51,084
96			\$													
97	(Over)/Under Balance	In 90 + In 95	\$	750,057	755,283	760,721	766,213	771,209	776,776	782,203	608,437	521,780	452,367	380,840	281,496	51,084
98																
99																
100																
101	Forecast Term Sales	In 32								5,352,280	2,709,906	2,186,239	2,225,764	3,027,813	6,920,717	22,422,719
102	Unbilled Therm	In 35								(318,891)	531,899	773,610	594,615	448,516	(525,596)	1,504,154
103	Gross Unbilled									(318,891)	213,005	986,619	1,581,234	2,029,750	1,504,154	
104																
105	COG Rate Without Interest	In 162 col. (c)								\$0.0339	\$0.0339	\$0.0339	\$0.0339	\$0.0339	\$0.0339	
106																
107	COG With Interest	In 162 col. (d)								\$0.0361	\$0.0361	\$0.0361	\$0.0361	\$0.0361	\$0.0361	
108																
109																
110	Total Interest	In 25 + 61 + 95	\$	2,337	2,432	2,456	2,234	2,490	2,427	4,517	5,556	1,554	1,982	121	(2,693)	25,413
111																

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
Off-Peak 2025 Summer Cost of Gas Filing
COG (Over)/Under Cumulative Recovery Balances and Interest Calculation

		<u>COG Rate Without Interest</u>	<u>COG Rate With Interest</u>
	(a)	(c)	(d)
112	Calculation of COG		
113	(a)		
114	(Over)/Under Recovery Balance	In 7, col. (q)	
115		\$ (409,360)	\$ (409,360)
116	Unadjusted Forecast of Gas Costs	In 14, col. (q)	
117		\$ 4,297,502	\$ 4,297,502
118	Production & Storage and Misc Overhead	In 16, col. (q)	
119		\$ -	\$ -
120	Adjustments	In 19, col. (q)	
121		\$ (3,069,734)	\$ (3,069,734)
122	Interest May-Oct	In 25, col. (q)	
123		\$ -	\$ (25,350)
124	Total Gas To Be Recovered		\$ 793,059
125	Forecast Gas Sales (May-Oct)	In 32, col. (q)	
126		\$ 22,422,719	\$ 22,422,719
127	Preliminary COG Rate	In 124 / In 126	
128		\$0.0365	\$0.0354
129			
130			
		<u>Working Capital Rate without interest</u>	<u>Working Capital Rate with interest</u>
	(a)	(c)	(d)
131	Calculation of Working Capital Rate		
132	(a)		
133	(Over)/Under Recovery Balance	In 48, col. (q)	
134		\$ (5,240)	\$ (5,240)
135	Unadjusted Working Capital Forecast	In 52, col. (q)	
136		\$ 25,753	\$ 25,753
137	Adjustments without interest	In 55, col. (q)	
138		\$ -	\$ -
139	Interest May-Oct	In 61, col. (q)	
140		\$ -	\$ (321)
141	Total Gas To Be Recovered		\$ 20,192
142	Forecast Gas Sales (May-Oct)	In 32, col. (q)	
143		\$ 22,422,719	\$ 22,422,719
144	Preliminary Working Capital COG Rate	In 141 / In 143	
145		\$0.0009	\$0.0009
146			
147			
		<u>Bad Debt Rate without interest</u>	<u>Bad Debt Rate with interest</u>
	(a)	(c)	(d)
148	Calculation of Bad Debt Rate		
149	(a)		
150	(Over)/Under Recovery Balance	In 85, col. (q)	
151		\$ 750,057	\$ 750,057
152	Unadjusted Bad Debt Forecast	In 87, col. (q)	
153		\$ 9,002	\$ 9,002
154	Adjustments without interest	In 89, col. (q)	
155		\$ -	\$ -
156	Interest May-Oct	In 95, col. (q)	
157		\$ -	\$ 51,084
158	Total Gas To Be Recovered		\$ 810,143
159	Forecast Gas Sales (May-Oct)	In 32, col. (q)	
160		\$ 22,422,719	\$ 22,422,719
161	Preliminary Bad Debt COG Rate	In 158 / In 160	
162		\$0.0339	\$0.0361

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
Off-Peak 2025 Summer Cost of Gas Filing
Adjustments to Gas Costs

	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	TOTAL
	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25		
	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/		
1	Prior Period Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
2	Refunds from Suppliers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
3	Broker Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
4	Inventory Finance Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
5	Transportation CGA Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
6	Interruptible Sales Margin	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
7	Off System Sales Margin	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
8	Capacity Release	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$(189,096)	\$(595,962)	\$(1,338,087)	\$ 796,565	\$(1,805,629)	\$ 62,475	\$(3,069,734)
9	Net Option Premiums	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
10	Fixed Price Option Administrative Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
11	Total Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$(189,096)	\$(595,962)	\$(1,338,087)	\$ 796,565	\$(1,805,629)	\$ 62,475	\$(3,069,734)

1/ Estimates are based on prior years actuals.

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
Off-Peak 2025 Summer Cost of Gas Filing
Annual Bill Comparisons, May 24 - Oct 24 Actual Rates vs May 25 - Oct 25

Schedule 8
Page 1 of 6

Non FPO Rate
May 1, 2025 - October 31, 2025
Residential Heating (R3)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	EST	EST	EST	EST	EST	EST	Summer
	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	May-Oct
1 PROPOSED R-3							
2							
3 average Usage (Therms)	37	19	14	12	21	52	155
4							
5 Summer:							
6 Cust. Chg							
7 Headblock \$ 0.6167	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 100.56
8 Tailblock \$ 0.6167	\$ 23.04	\$ 11.94	\$ 8.53	\$ 7.61	\$ 12.98	\$ 31.78	\$ 95.88
9 HB Threshold -							
10							
11 Total Base Rate Amount	\$ 39.80	\$ 28.70	\$ 25.29	\$ 24.37	\$ 29.74	\$ 48.54	\$ 196.44
12							
13 COG Rate - (Seasonal)	\$ 0.0724	\$ 0.0724	\$ 0.0724	\$ 0.0724	\$ 0.0724	\$ 0.0724	\$ 0.0724
14 COG amount	\$ 2.70	\$ 1.40	\$ 1.00	\$ 0.89	\$ 1.52	\$ 3.73	\$ 11.26
15							
16 LDAC	\$ 0.1630	\$ 0.1630	\$ 0.1630	\$ 0.1630	\$ 0.1630	\$ 0.1630	\$ 0.1630
17 LDAC amount	\$ 6.09	\$ 3.16	\$ 2.25	\$ 2.01	\$ 3.43	\$ 8.40	\$ 25.34
18							
19 Total Bill	\$ 48.59	\$ 33.26	\$ 28.54	\$ 27.28	\$ 34.70	\$ 60.67	\$ 233.04

May 1, 2024 - October 31, 2024
Residential Heating (R3)

	ACT	ACT	ACT	EST	EST	EST	Summer
	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	May-Oct
20 CURRENT R-3							
21							
22 average Usage (Therms)	37	19	14	12	21	52	155
23							
24 Summer:							
25 Cust. Chg							
26 Headblock \$ 0.6167	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 100.56
27 Tailblock \$ 0.6167	\$ 23.04	\$ 11.94	\$ 8.53	\$ 7.61	\$ 12.98	\$ 31.78	\$ 95.88
28 HB Threshold -							
29							
30 Total Base Rate Amount	\$ 39.80	\$ 28.70	\$ 25.29	\$ 24.37	\$ 29.74	\$ 48.54	\$ 196.44
31							
32 COG Rate - (Seasonal)	\$ 0.0187	\$ 0.0187	\$ 0.0187	\$ 0.0187	\$ 0.0187	\$ 0.0187	\$ 0.0187
33 COG amount	\$ 0.70	\$ 0.36	\$ 0.26	\$ 0.23	\$ 0.39	\$ 0.96	\$ 2.91
34							
35 LDAC	\$ 0.1986	\$ 0.1986	\$ 0.1986	\$ 0.1986	\$ 0.1986	\$ 0.1986	\$ 0.1986
36 LDAC amount	\$ 7.42	\$ 3.85	\$ 2.75	\$ 2.45	\$ 4.18	\$ 10.23	\$ 30.88
37							
38 Total Bill	\$ 47.92	\$ 32.91	\$ 28.29	\$ 27.05	\$ 34.32	\$ 59.74	\$ 230.23

DIFFERENCE:

39 Total Bill	\$0.68	\$0.35	\$0.25	\$0.22	\$0.38	\$0.93	\$2.81
40 % Change	1.41%	1.07%	0.88%	0.83%	1.11%	1.56%	1.22%
41							
42 Base Rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
43 % Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
44							
45 COG & LDAC	\$ 0.68	\$ 0.35	\$ 0.25	\$ 0.22	\$ 0.38	\$ 0.93	\$ 2.81
46 % Change	8.33%	8.33%	8.33%	8.33%	8.33%	8.33%	8.33%

Annual Bill Comparisons, May 24 - Oct 24 Actual Rates vs May 25 - Oct 25
GAP Rate
May 1, 2025 - October 31, 2025
Residential Heating (R4-GAP)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	EST	EST	EST	EST	EST	EST	Summer
	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	May-Oct
47 PROPOSED R-4 GAP							
48 average Usage (Therms)	37	19	14	12	21	52	155
49 11/1/23 - Current							
50 Summer:							
51 Cust. Chg	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 100.56
52 Headblock	\$ 0.6167						
53 Tailblock	\$ 23.04	\$ 11.94	\$ 8.53	\$ 7.61	\$ 12.98	\$ 31.78	\$ 95.88
54 HB Threshold	-						
55 Total Base Rate Amount	\$ 39.80	\$ 28.70	\$ 25.29	\$ 24.37	\$ 29.74	\$ 48.54	\$ 196.44
56 COG Rate - (Seasonal)	\$ 0.0398	\$ 0.0398	\$ 0.0398	\$ 0.0398	\$ 0.0398	\$ 0.0398	\$ 0.0398
57 COG amount	\$ 1.49	\$ 0.77	\$ 0.55	\$ 0.49	\$ 0.84	\$ 2.05	\$ 6.19
58 LDAC	\$ 0.1630	\$ 0.1630	\$ 0.1630	\$ 0.1630	\$ 0.1630	\$ 0.1630	\$ 0.1630
59 LDAC amount	\$ 6.09	\$ 3.16	\$ 2.25	\$ 2.01	\$ 3.43	\$ 8.40	\$ 25.34
60 Total Bill	\$ 47.38	\$ 32.63	\$ 28.09	\$ 26.88	\$ 34.01	\$ 58.99	\$ 227.98

May 1, 2024 - October 31, 2024
Residential Heating (R4-GAP)

	ACT	ACT	ACT	EST	EST	EST	Summer
	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	May-Oct
66 CURRENT R-4 GAP							
67 average Usage (Therms)	37	19	14	12	21	52	155
68 11/1/23 - Current							
69 Summer:							
70 Cust. Chg	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 16.76	\$ 100.56
71 Headblock	\$ 0.6167						
72 Tailblock	\$ 23.04	\$ 11.94	\$ 8.53	\$ 7.61	\$ 12.98	\$ 31.78	\$ 95.88
73 HB Threshold	-						
74 Total Base Rate Amount	\$ 39.80	\$ 28.70	\$ 25.29	\$ 24.37	\$ 29.74	\$ 48.54	\$ 196.44
75 COG Rate - (Seasonal)	\$ 0.0187	\$ 0.0187	\$ 0.0187	\$ 0.0187	\$ 0.0187	\$ 0.0187	\$ 0.0187
76 COG amount	\$ 0.70	\$ 0.36	\$ 0.26	\$ 0.23	\$ 0.39	\$ 0.96	\$ 2.91
77 LDAC	\$ 0.1986	\$ 0.1986	\$ 0.1986	\$ 0.1986	\$ 0.1986	\$ 0.1986	\$ 0.1986
78 LDAC amount	\$ 7.42	\$ 3.85	\$ 2.75	\$ 2.45	\$ 4.18	\$ 10.23	\$ 30.88
79 Total Bill	\$ 47.92	\$ 32.91	\$ 28.29	\$ 27.05	\$ 34.32	\$ 59.74	\$ 230.23

DIFFERENCE:

85 Total Bill	(\$0.54)	(\$0.28)	(\$0.20)	(\$0.18)	(\$0.30)	(\$0.75)	(\$2.25)
86 % Change	-1.13%	-0.85%	-0.71%	-0.66%	-0.89%	-1.25%	-0.98%
87 Base Rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
88 % Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
89 COG & LDAC	\$ (0.54)	\$ (0.28)	\$ (0.20)	\$ (0.18)	\$ (0.30)	\$ (0.75)	\$ (2.25)
90 % Change	-6.66%	-6.66%	-6.66%	-6.66%	-6.66%	-6.66%	-6.66%

Annual Bill Comparisons, May 24 - Oct 24 Actual Rates vs May 25 - Oct 25
May 1, 2025 - October 31, 2025

Commercial Rate (G-41)

		(1)	(2)	(3)	(4)	(5)	(6)	(7)
93	PROPOSED G-41	EST	EST	EST	EST	EST	EST	Summer
94		May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	May-Oct
95	average Usage (Therms)	91	47	33	25	47	141	383
96								
97	Summer: <u>11/1/23 - Current</u>							
98	Cust. Chg	\$ 66.23	\$ 66.23	\$ 66.23	\$ 66.23	\$ 66.23	\$ 66.23	\$ 397.38
99	Headblock \$ 0.5367	\$ 10.73	\$ 10.73	\$ 10.73	\$ 10.73	\$ 10.73	\$ 10.73	\$ 64.40
100	Tailblock \$ 0.3692	\$ 26.15	\$ 9.85	\$ 4.65	\$ 1.95	\$ 9.80	\$ 44.77	\$ 97.18
101	HB Threshold 20							
102								
103	Total Base Rate Amount	\$ 103.11	\$ 86.82	\$ 81.62	\$ 78.91	\$ 86.76	\$ 121.74	\$ 558.96
104								
105	COG Rate - (Seasonal)	\$ 0.0725	\$ 0.0725	\$ 0.0725	\$ 0.0725	\$ 0.0725	\$ 0.0725	\$ 0.0725
106	COG amount	\$ 6.59	\$ 3.39	\$ 2.36	\$ 1.83	\$ 3.37	\$ 10.24	\$ 27.78
107								
108	LDAC	\$ 0.0781	\$ 0.0781	\$ 0.0781	\$ 0.0781	\$ 0.0781	\$ 0.0781	\$ 0.0781
109	LDAC amount	\$ 7.09	\$ 3.65	\$ 2.55	\$ 1.97	\$ 3.63	\$ 11.03	\$ 29.93
110								
111	Total Bill	\$116.79	\$93.85	\$86.52	\$82.72	\$93.77	\$143.01	\$616.67

May 1, 2024 - October 31, 2024
Commercial Rate (G-41)

		ACT	ACT	ACT	EST	EST	EST	Summer
112	CURRENT G-41	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	May-Oct
113								
114	average Usage (Therms)	91	47	33	25	47	141	383
115								
116	Summer: <u>11/1/23 - Current</u>							
117	Cust. Chg	\$ 66.23	\$ 66.23	\$ 66.23	\$ 66.23	\$ 66.23	\$ 66.23	\$ 397.38
118	Headblock \$ 0.5367	\$ 10.73	\$ 10.73	\$ 10.73	\$ 10.73	\$ 10.73	\$ 10.73	\$ 64.40
119	Tailblock \$ 0.3692	\$ 26.15	\$ 9.85	\$ 4.65	\$ 1.95	\$ 9.80	\$ 44.77	\$ 97.18
120	HB Threshold 20							
121								
122	Total Base Rate Amount	\$ 103.11	\$ 86.82	\$ 81.62	\$ 78.91	\$ 86.76	\$ 121.74	\$ 558.96
123								
124	COG Rate - (Seasonal)	\$ 0.0181	\$ 0.0181	\$ 0.0181	\$ 0.0181	\$ 0.0181	\$ 0.0181	\$ 0.0181
125	COG amount	\$ 1.64	\$ 0.85	\$ 0.59	\$ 0.46	\$ 0.84	\$ 2.56	\$ 6.94
126								
127	LDAC	\$ 0.0874	\$ 0.0874	\$ 0.0874	\$ 0.0874	\$ 0.0874	\$ 0.0874	\$ 0.0874
128	LDAC amount	\$ 7.94	\$ 4.08	\$ 2.85	\$ 2.21	\$ 4.07	\$ 12.35	\$ 33.49
129								
130	Total Bill	\$112.70	\$91.74	\$85.05	\$81.58	\$91.67	\$136.64	\$599.39

DIFFERENCE:

131	Total Bill	\$ 4.10	\$ 2.11	\$ 1.47	\$ 1.14	\$ 2.10	\$ 6.37	\$ 17.28
132	% Change	3.63%	2.30%	1.73%	1.40%	2.29%	4.66%	2.88%
133								
134	Base Rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
135	% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
136								
137	COG & LDAC	\$ 4.10	\$ 2.11	\$ 1.47	\$ 1.14	\$ 2.10	\$ 6.37	\$ 17.28
138	% Change	42.75%	42.75%	42.75%	42.75%	42.75%	42.75%	42.75%

Annual Bill Comparisons, May 24 - Oct 24 Actual Rates vs May 25 - Oct 25
May 1, 2025 - October 31, 2025

C&I High Winter Use Medium G-42

		(1)	(2)	(3)	(4)	(5)	(6)	(7)
139	PROPOSED G-42	EST	EST	EST	EST	EST	EST	Summer
140		May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	May-Oct
141	average Usage (Therms)	1,031	572	420	343	619	1,610	4,595
142		<u>11/1/23 - Current</u>						
143	Summer:							
144	Cust. Chg	\$ 198.65	\$ 198.65	\$ 198.65	\$ 198.65	\$ 198.65	\$ 198.65	\$ 1,191.90
145	Headblock \$ 0.4884	\$ 195.36	\$ 195.36	\$ 195.36	\$ 114.30	\$ 195.36	\$ 195.36	\$ 1,091.10
146	Tailblock \$ 0.3336	\$ 210.60	\$ 57.42	\$ 6.52	\$ -	\$ 73.21	\$ 403.57	\$ 751.31
147	HB Threshold 400							
148								
149	Total Base Rate Amount	\$ 604.61	\$ 451.43	\$ 400.53	\$ 312.95	\$ 467.22	\$ 797.58	\$ 3,034.30
150								
151	COG Rate - (Seasonal)	\$ 0.0725	\$ 0.0725	\$ 0.0725	\$ 0.0725	\$ 0.0725	\$ 0.0725	\$ 0.0725
152	COG amount	\$ 74.77	\$ 41.48	\$ 30.42	\$ 24.84	\$ 44.91	\$ 116.71	\$ 333.12
153								
154	LDAC	\$ 0.0781	\$ 0.0781	\$ 0.0781	\$ 0.0781	\$ 0.0781	\$ 0.0781	\$ 0.0781
155	LDAC amount	\$ 80.54	\$ 44.68	\$ 32.77	\$ 26.76	\$ 48.38	\$ 125.72	\$ 358.85
156								
157	Total Bill	\$ 759.92	\$ 537.59	\$ 463.71	\$ 364.54	\$ 560.50	\$ 1,040.00	\$ 3,726.27

May 1, 2024 - October 31, 2024

C&I High Winter Use Medium G-42

		ACT	ACT	ACT	EST	EST	EST	Summer
158	CURRENT G-42	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	May-Oct
159		1,031	572	420	343	619	1,610	4,595
160	average Usage (Therms)	1,031	572	420	343	619	1,610	4,595
161		<u>11/1/23 - Current</u>						
162	Summer:							
163	Cust. Chg	\$ 198.65	\$ 198.65	\$ 198.65	\$ 198.65	\$ 198.65	\$ 198.65	\$ 1,191.90
164	Headblock \$ 0.4884	\$ 195.36	\$ 195.36	\$ 195.36	\$ 167.33	\$ 195.36	\$ 195.36	\$ 1,144.13
165	Tailblock \$ 0.3336	\$ 210.60	\$ 57.42	\$ 6.52	\$ -	\$ 73.21	\$ 403.57	\$ 751.31
166	HB Threshold 400							
167								
168	Total Base Rate Amount	\$ 604.61	\$ 451.43	\$ 400.53	\$ 365.98	\$ 467.22	\$ 797.58	\$ 3,087.34
169								
170	COG Rate - (Seasonal)	\$ 0.0181	\$ 0.0181	\$ 0.0181	\$ 0.0181	\$ 0.0181	\$ 0.0181	\$ 0.0181
171	COG amount	\$ 18.67	\$ 10.36	\$ 7.59	\$ 6.20	\$ 11.21	\$ 29.14	\$ 83.16
172								
173	LDAC	\$ 0.0874	\$ 0.0874	\$ 0.0874	\$ 0.0874	\$ 0.0874	\$ 0.0874	\$ 0.0874
174	LDAC amount	\$ 90.13	\$ 50.00	\$ 36.67	\$ 29.94	\$ 54.14	\$ 140.69	\$ 401.58
175								
176	Total Bill	\$ 713.41	\$ 511.78	\$ 444.79	\$ 402.13	\$ 532.57	\$ 967.41	\$ 3,572.09

DIFFERENCE:

177	Total Bill	\$ 46.51	\$ 25.80	\$ 18.92	\$ (37.58)	\$ 27.94	\$ 72.60	\$ 154.19
178	% Change	6.52%	5.04%	4.25%	-9.35%	5.25%	7.50%	4.32%
179								
180	Base Rate	\$ -	\$ -	\$ -	\$ (53.04)	\$ -	\$ -	\$ (53.04)
181	% Change	0.00%	0.00%	0.00%	-14.49%	0.00%	0.00%	-1.72%
182								
183	COG & LDAC	\$ 46.51	\$ 25.80	\$ 18.92	\$ 15.45	\$ 27.94	\$ 72.60	\$ 207.22
184	% Change	42.75%	42.75%	42.75%	42.75%	42.75%	42.75%	42.75%

Annual Bill Comparisons, May 24 - Oct 24 Actual Rates vs May 25 - Oct 25
May 1, 2025 - October 31, 2025

Commercial Rate (G-52)		(1)	(2)	(3)	(4)	(5)	(6)	(7)
185	PROPOSED G-52	EST	EST	EST	EST	EST	EST	Summer
186		May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	May-Oct
187	average Usage (Therms)	1,482	1,317	1,269	1,323	1,295	1,611	8,298
188								
189	Summer: <u>11/1/23 - Current</u>							
190	Cust. Chg	\$ 198.48	\$ 198.48	\$ 198.48	\$ 198.48	\$ 198.48	\$ 198.48	\$ 1,190.88
191	Headblock \$ 0.2059	\$ 205.90	\$ 205.90	\$ 205.90	\$ 205.90	\$ 205.90	\$ 205.90	\$ 1,235.40
192	Tailblock \$ 0.1233	\$ 59.45	\$ 39.15	\$ 33.14	\$ 39.86	\$ 36.39	\$ 75.36	\$ 283.34
193	HB Threshold 1,000							
194								
195	Total Base Rate Amount	\$ 463.83	\$ 443.53	\$ 437.52	\$ 444.24	\$ 440.77	\$ 479.74	\$ 2,709.62
196								
197	COG Rate - (Seasonal)	\$0.0726	\$0.0726	\$0.0726	\$0.0726	\$0.0726	\$0.0726	\$ 0.0726
198	COG amount	\$ 107.60	\$ 95.65	\$ 92.12	\$ 96.07	\$ 94.02	\$ 116.97	\$ 602.43
199								
200	LDAC	\$ 0.0781	\$ 0.0781	\$ 0.0781	\$ 0.0781	\$ 0.0781	\$ 0.0781	\$ 0.0781
201	LDAC amount	\$ 115.75	\$ 102.90	\$ 99.09	\$ 103.35	\$ 101.15	\$ 125.83	\$ 648.07
202								
203	Total Bill	\$687.18	\$642.07	\$628.73	\$643.65	\$635.94	\$722.54	\$3,960.12

May 1, 2024 - October 31, 2024
Commercial Rate (G-52)

CURRENT G-52		ACT	ACT	ACT	EST	EST	EST	Summer
204		May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	May-Oct
205	average Usage (Therms)	1,482	1,317	1,269	1,323	1,295	1,611	8,298
206								
207	Summer: <u>11/1/23 - Current</u>							
208	Cust. Chg	\$ 198.48	\$ 198.48	\$ 198.48	\$ 198.48	\$ 198.48	\$ 198.48	\$ 1,190.88
209	Headblock \$ 0.2059	\$ 205.90	\$ 205.90	\$ 205.90	\$ 205.90	\$ 205.90	\$ 205.90	\$ 1,235.40
210	Tailblock \$ 0.1233	\$ 59.45	\$ 39.15	\$ 33.14	\$ 39.86	\$ 36.39	\$ 75.36	\$ 283.34
211	HB Threshold 1,000							
212								
213	Total Base Rate Amount	\$ 463.83	\$ 443.53	\$ 437.52	\$ 444.24	\$ 440.77	\$ 479.74	\$ 2,709.62
214								
215	COG Rate - (Seasonal)	\$ 0.0193	\$ 0.0193	\$ 0.0193	\$ 0.0193	\$ 0.0193	\$ 0.0193	\$ 0.0193
216	COG amount	\$ 28.61	\$ 25.43	\$ 24.49	\$ 25.54	\$ 25.00	\$ 31.10	\$ 160.15
217								
218	LDAC	\$ 0.0874	\$ 0.0874	\$ 0.0874	\$ 0.0874	\$ 0.0874	\$ 0.0874	\$ 0.0874
219	LDAC amount	\$ 129.54	\$ 115.15	\$ 110.89	\$ 115.65	\$ 113.19	\$ 140.82	\$ 725.24
220								
221								
222	Total Bill	\$621.97	\$584.10	\$572.91	\$585.43	\$578.95	\$651.65	\$3,595.01

DIFFERENCE:

223	Total Bill	\$ 65.21	\$ 57.97	\$ 55.83	\$ 58.22	\$ 56.98	\$ 70.89	\$ 365.11
224	% Change	10.49%	9.92%	9.74%	9.95%	9.84%	10.88%	10.16%
225								
226	Base Rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
227	% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
228								
229	COG & LDAC	\$ 65.21	\$ 57.97	\$ 55.83	\$ 58.22	\$ 56.98	\$ 70.89	\$ 365.11
230	% Change	41.24%	41.24%	41.24%	41.24%	41.24%	41.24%	41.24%

Residential Heating

	Summer 2024	Summer 2025
231 Customer Charge	\$ -	\$ -
232 First 100 Therms	\$ 0.6167	\$ 0.6167
233 Excess 100 Therms	\$ 0.6167	\$ 0.6167
234 LDAC	\$ 0.1986	\$ 0.1630
235 COG	\$ 0.0187	\$ 0.0724
236 Total Adjust	\$ 0.2173	\$ 0.2354

		Summer 2024 @	Summer 2025 @	Total		Base Rate		COG		LDAC	
				\$ Impact	% Impact	\$ Impact	% Impact	\$ Impact	% Impact	\$ Impact	% Impact
237		\$0.2173	\$0.2354	\$0.02	8%						
238 Cooking alone	5	\$20.93	\$21.02	\$0.09	0.43%	\$0.00	0%	\$0.27	1%	-\$0.18	-0.85%
239	10	\$25.10	\$25.28	\$0.18	0.72%	\$0.00	0%	\$0.54	2%	-\$0.36	-1.42%
240	20	\$33.44	\$33.80	\$0.36	1.08%	\$0.00	0%	\$1.07	3%	-\$0.71	-2.13%
241 Water Heating alone	30	\$41.78	\$42.32	\$0.54	1.30%	\$0.00	0%	\$1.61	4%	-\$1.07	-2.56%
242	45	\$54.29	\$55.10	\$0.81	1.50%	\$0.00	0%	\$2.42	4%	-\$1.60	-2.95%
243	50	\$58.46	\$59.37	\$0.90	1.55%	\$0.00	0%	\$2.69	5%	-\$1.78	-3.04%
244 Heating Alone	80	\$79.31	\$80.67	\$1.36	1.71%	\$0.00	0%	\$4.03	5%	-\$2.67	-3.37%
245	125	\$127.68	\$130.09	\$2.41	1.89%	\$0.00	0%	\$7.14	5%	-\$4.73	-3.71%
246	150	\$141.86	\$144.58	\$2.72	1.91%	\$0.00	0%	\$8.06	6%	-\$5.34	-3.76%
247	200	\$183.56	\$187.18	\$3.62	1.97%	\$0.00	0%	\$10.74	6%	-\$7.12	-3.88%



[DATE]

[Name]
[Mailing_Address]
[City], [State] [Zip_Code]

Fixed Price Option (FPO)
Service Address:
[Full_Service_Address]
Account:
[Location_ID]-[CUSTNMBR]

Dear [Name]:

Each fall, Liberty offers you the opportunity to “lock in” the price per therm for the Gas Supply Charge portion of your bills, from November 1 through April 30. With the Fixed Price Option, you will pay one fixed price per therm for the Gas Supply Charge portion of your bill during this period, even if the price of natural gas changes during the heating season.

Applications for the program must be returned on or before October 22, 2024. Energy prices – including natural gas – remain volatile as in years past. If you have multiple accounts, please return one form for each service address and account number. This program is available to customers who are billed on Budget Billing as well as those who are billed on a regular billing schedule.

Does the FPO represent the entire amount on my monthly gas bill?

No. Your monthly natural gas bill has two main components: (1) a Gas Delivery Charge and (2) a Gas Supply Charge. The FPO is for the Gas Supply Charge (often the largest portion of your bill during the winter season).

What is the “Fixed Price” for the 2024–2025 heating season?

The 2024–2025 FPO Gas Supply Charge that was submitted to the New Hampshire Public Utility Commission (NHPUC) is **\$0.6992** per therm (**\$0.3846** per therm for customers on Fuel Assistance). **These rates are not guaranteed until we receive a decision from the NHPUC.** A decision is expected prior to November 1. Visit www.libertyenergyandwater.com after November 1st to see the final approved rate.

What will my Gas Supply Charge price be this winter if I don’t enroll in the FPO?

As of today’s date, we estimate that the Gas Supply Charge price for the winter will be approximately **\$0.6792** per therm (**\$0.3736** per therm for customers on Fuel Assistance). This non-guaranteed price may increase if the market price of natural gas increases during the winter or decrease if the market price of natural gas decreases. Price fluctuations are market-driven, and it is difficult for Liberty to predict what those market conditions or prices will be. **These rates are not guaranteed until we receive a decision from the NHPUC.** A decision is expected prior to November 1. Visit www.libertyenergyandwater.com after November 1st to see the final approved rate.

Are there any fees to sign up or minimum or maximum usage requirements?

No. There are no sign-up fees or minimum or maximum usage levels. However, the program is non-transferable, and customers must remain in the program through April 30, 2025. If you move to a new location within our service territory and transfer your account, the FPO rate will apply at your new location through April 30, 2025.

How do I sign up?

Fill out the attached coupon and return it in the enclosed envelope on or before October 22, 2024. You will be notified whether or not you are enrolled in the FPO. Enrollment acceptance is based on a timely response.

Please cut on the dotted line and return this coupon in the envelope provided.

[Name]
[Service_Address]
[Acct #]

YES, please sign me up to participate in the Fixed Price Option (FPO). This program locks in the Gas Supply Charge price listed above for the heating season beginning November 1, 2024 and ending April 30, 2025.

If you would like to receive confirmation that you have been successfully enrolled in the FPO, please provide us with your email address: _____

Signature: _____ Date: _____



[DATE]

[Name]
[Mailing_Address]
[City], [State] [Zip_Code]

Fixed Price Option (FPO)
Service Address:
[Full_Service_Address]
Account:
[Account Number]

Dear [Name]:

To allow customers the ability to better budget and gain peace of mind from fluctuating energy prices, Liberty is pleased to offer customers the ability to 'lock in' the price per therm for the Gas Supply Charge portion of bills from November 1 through April 30 as part of our Fixed Price Option (FPO).

What happens if I choose to enroll in the "Fixed Price" for the 2024-2025 heating season?

Energy prices can be volatile, as price fluctuations are market-driven and difficult to predict. Customers who enroll in the FPO will pay a small premium to 'lock in' the price they pay per therm for the gas supply portion of their bill. The fixed price per therm will be **two cents higher** than the initial Gas Supply Charge rate approved by the Public Utilities Commission in October.

What happens if I choose to stay with the normal Gas Supply Charge rate (non-FPO rate)?

Customers who choose to stay on the normal Gas Supply Charge rate will also pay the initial rate approved by the Public Utilities Commission. However, this non-guaranteed rate may increase if the market price of natural gas increases or decrease if the market price of natural gas decreases.

Does the FPO represent the entire amount on my monthly gas bill?

No. Your monthly gas bill has two main components: (1) a Gas Delivery Charge and (2) a Gas Supply Charge. The FPO is for the Gas Supply Charge. (Often the largest portion of your bill during the winter season)

When will the final approved rates be posted?

The final rate for both the Fixed Price Option and the normal Gas Supply Charge will be proposed by Liberty and approved by the Public Utilities Commission prior to the rates taking effect in November 1. To view submitted rates and to keep up to date on the approval process, visit X.

Are there any rules or restrictions with the Fixed Price Option?

Yes. The program is non-transferable, and customers who enroll must remain in the program through April 30, 2025. If you move to a new location, the FPO rate will apply at your new location through April 30, 2025.

How do I sign up?

Fill out the attached coupon and return it in the enclosed envelope on or before **DATE**. Enrollment acceptance is based on a timely response. If you have multiple accounts, please return one form for each service address and account number.

Sincerely,
Liberty

Please cut on the dotted line and return this coupon in the envelope provided.

[Name]
[Service_Address]
[Acct #]

YES, please sign me up to participate in the Fixed Price Option (FPO). I agree to pay an extra two cents per therm for the gas supply portion of my bill in order to lock in the Gas Supply Charge for the heating season beginning November 1, 2024 and ending April 30, 2025.

If you would like to receive confirmation that you have been successfully enrolled in the FPO, please provide us with your email address: _____

Signature: _____ Date: _____

<u>Page</u>	<u>Revision</u>
Title	Original
TOC i	First Revised
TOC ii	Original
TOC iii	First Revised
TOC iv	Original
1	Illustrative Seventy-second Revised
2	Seventh Revised
3	Illustrative Sixty-seventh Revised
4	Illustrative Sixty-fifth Revised
5	Illustrative Fourth Revised
6	Original
7	Original
8	Original
9	Third Revised
10	Original
11	Original
12	Original
13	Original
14	Original
15	Original
16	Original
17	Original
18	Original
19	Original
20	Original
21	Original
22	Original
23	Original
24	Original
25	Original
26	Original

DATED: XX XX, 2024

EFFECTIVE: November 1, 2024

ISSUED BY: /s/Neil Proudman

Neil Proudman

TITLE: President

<u>Page</u>	<u>Revision</u>
58	Original
59	Fourth Revised
60	Original
61	Fourth Revised
62	Original
63	Fourth Revised
64	Original
65	Fourth Revised
66	Original
67	Fourth Revised
68	Original
69	Fourth Revised
70	Original
71	Fourth Revised
72	Original
73	Fifth Revised
74	Original
75	Fourth Revised
76	Original
77	Fourth Revised
78	Original
79	Fourth Revised
80	Original
81	Fourth Revised
82	Original
83	Fourth Revised
84	Original
85	Fourth Revised
86	Original
87	Illustrative Thirty-eighth Revised
88	Forty-third Revised
89	Illustrative Thirty-eighth Revised

DATED: XX XX, 2024

EFFECTIVE: November 1, 2024

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Neil Proudman

TITLE: President

<u>Page</u>	<u>Revision</u>
90	Original
91	Illustrative Fourth Revised
92	Illustrative Twelfth Revised
93	Eighteenth Revised
94	Illustrative Fourth Revised
95	Illustrative Nineteenth Revised
96	Illustrative Fourth Revised
97	Sixteenth Revised
98	Illustrative Fourth Revised
99	Third Revised
100	Third Revised
101	Twelfth Revised
102	Original
103	Original
104	Original
105	Original
106	Original
107	Original
108	Original
109	Original
110	Original
111	Original
112	Original
113	Original
114	Original
115	Original
116	Original
117	Original
118	Original
119	Original
120	Original
121	Original
122	Original
123	Original

DATED: XX XX, 2024

EFFECTIVE: November 1, 2024

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Neil Proudman

TITLE: President

<u>Page</u>	<u>Revision</u>
124	Original
125	Original
126	Original
127	Original
128	Original
129	Original
130	Original
131	Original
132	Original
133	Original
134	Original
135	Original
136	Original
137	Original
138	Original
139	Original
140	Original
141	Original
142	Original
143	Original
144	Original
145	Original
146	Original
147	Original
148	Original
149	Original
150	Original
151	Original
152	Original
153	Illustrative Fourth Revised
154	Illustrative Fourth Revised

DATED: XX XX, 2024

EFFECTIVE: November 1, 2024

ISSUED BY: /s/Neil Proudman

Neil Proudman
TITLE: President

22 FIRM RATE SCHEDULES - EXCLUDING KEENE CUSTOMERS

II RATE SCHEDULES

	Rates Effective November 1, 2024- April 30, 2025 Winter Period				Rates Effective May 1, 2025 - October 31, 2025 Summer Period			
	Delivery Charge	Cost of Gas Rate Page 95	LDAC Page 101	Total Rate	Delivery Charge	Cost of Gas Rate Page 92	LDAC Page 101	Total Rate
Residential Non Heating - R-1								
Customer Charge per Month per Meter	\$ 16.76			\$ 16.76	\$ 16.76			\$ 16.76
All therms	\$ 0.5025	\$ 0.6792	\$ 0.1986	\$ 1.3803	\$ 0.5025	\$ 0.0724	\$ 0.1986	\$ 0.7735
Residential Heating - R-3								
Customer Charge per Month per Meter	\$ 16.76			\$ 16.76	\$ 16.76			\$ 16.76
Therms in the first block per month at	\$ 0.6716	\$ 0.6792	\$ 0.1986	\$ 1.5494	\$ 0.6716	\$ 0.0724	\$ 0.1986	\$ 0.9426
Residential Heating - R-4								
Customer Charge per Month per Meter	\$ 9.22			\$ 9.22	\$ 16.76			\$ 16.76
Therms in the first block per month at	\$ 0.3694	\$ 0.3736	\$ 0.1986	\$ 0.9416	\$ 0.6716	\$ 0.0724	\$ 0.1986	\$ 0.9426
Commercial/Industrial - G-41								
Customer Charge per Month per Meter	\$ 66.23			\$ 66.23	\$ 66.23			\$ 66.23
Size of the first block	100 Therms				20 Therms			
Therms in the first block per month at	\$ 0.5367	\$ 0.6793	\$ 0.0874	\$ 1.3034	\$ 0.5367	\$ 0.0725	\$ 0.0874	\$ 0.6966
All therms over the first block per month at	\$ 0.3692	\$ 0.6793	\$ 0.0874	\$ 1.1359	\$ 0.3692	\$ 0.0725	\$ 0.0874	\$ 0.5291
Commercial/Industrial - G-42								
Customer Charge per Month per Meter	\$ 198.65			\$ 198.65	\$ 198.65			\$ 198.65
Size of the first block	1000 Therms				400 Therms			
Therms in the first block per month at	\$ 0.4884	\$ 0.6793	\$ 0.0874	\$ 1.2551	\$ 0.4884	\$ 0.0725	\$ 0.0874	\$ 0.6483
All therms over the first block per month at	\$ 0.3336	\$ 0.6793	\$ 0.0874	\$ 1.1003	\$ 0.3336	\$ 0.0725	\$ 0.0874	\$ 0.4935
Commercial/Industrial - G-43								
Customer Charge per Month per Meter	\$ 850.68			\$ 850.68	\$ 850.68			\$ 850.68
All therms over the first block per month at	\$ 0.3012	\$ 0.6793	\$ 0.0874	\$ 1.0679	\$ 0.1464	\$ 0.0725	\$ 0.0874	\$ 0.3063
Commercial/Industrial - G-51								
Customer Charge per Month per Meter	\$ 66.29			\$ 66.29	\$ 66.29			\$ 66.29
Size of the first block	100 Therms				100 Therms			
Therms in the first block per month at	\$ 0.3234	\$ 0.6796	\$ 0.0874	\$ 1.0904	\$ 0.3234	\$ 0.0726	\$ 0.0874	\$ 0.4834
All therms over the first block per month at	\$ 0.2159	\$ 0.6796	\$ 0.0874	\$ 0.9829	\$ 0.2159	\$ 0.0726	\$ 0.0874	\$ 0.3759
Commercial/Industrial - G-52								
Customer Charge per Month per Meter	\$ 198.48			\$ 198.48	\$ 198.48			\$ 198.48
Size of the first block	1000 Therms				1000 Therms			
Therms in the first block per month at	\$ 0.2788	\$ 0.6796	\$ 0.0874	\$ 1.0458	\$ 0.2059	\$ 0.0726	\$ 0.0874	\$ 0.3659
All therms over the first block per month at	\$ 0.1905	\$ 0.6796	\$ 0.0874	\$ 0.9575	\$ 0.1233	\$ 0.0726	\$ 0.0874	\$ 0.2833
Commercial/Industrial - G-53								
Customer Charge per Month per Meter	\$ 877.45			\$ 877.45	\$ 877.45			\$ 877.45
All therms over the first block per month at	\$ 0.1949	\$ 0.6796	\$ 0.0874	\$ 0.9619	\$ 0.0988	\$ 0.0726	\$ 0.0874	\$ 0.2588
Commercial/Industrial - G-54								
Customer Charge per Month per Meter	\$ 878.18			\$ 878.18	\$ 878.18			\$ 878.18
All therms over the first block per month at	\$ 0.0743	\$ 0.6796	\$ 0.0874	\$ 0.8413	\$ 0.0420	\$ 0.0726	\$ 0.0874	\$ 0.2020

DATED: XX XX, 2024

EFFECTIVE: November 1, 2024

ISSUED BY: /s/Neil Proudman

Neil Proudman

TITLE: President

4 FIRM RATE SCHEDULES – MANAGED EXPANSION PROGRAM - EXCLUDING KEENE CUSTOMERS

II RATE SCHEDULES

	Rates Effective November 1, 2024- April 30, 2025				Rates Effective May 1, 2025 - October 31, 2025			
	Winter Period				Summer Period			
	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 95</u>	<u>LDAC Page 101</u>	<u>Total Rate</u>	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 92</u>	<u>LDAC Page 101</u>	<u>Total Rate</u>
<u>Residential Non Heating - R-5</u>								
Customer Charge per Month per Meter	\$ 21.79			\$ 21.79	\$ 21.79			\$ 21.79
All therms	\$ 0.6533	\$ 0.6792	\$ 0.1986	\$ 1.5311	\$ 0.6533	\$ 0.0724	\$ 0.1986	\$ 0.9243
<u>Residential Heating - R-6</u>								
Customer Charge per Month per Meter	\$ 21.79			\$ 21.79	\$ 21.79			\$ 21.79
Therms in the first block per month at	\$ 0.8731	\$ 0.6792	\$ 0.1986	\$ 1.7509	\$ 0.8731	\$ 0.0724	\$ 0.1986	\$ 1.1441
<u>Residential Heating - R-7</u>								
Customer Charge per Month per Meter	\$ 11.99			\$ 11.99	\$ 21.79			\$ 21.79
Therms in the first block per month at	\$ 0.4802	\$ 0.3736	\$ 0.1986	\$ 1.0524	\$ 0.8731	\$ 0.0724	\$ 0.1986	\$ 1.1441
<u>Commercial/Industrial - G-44</u>								
Customer Charge per Month per Meter	\$ 86.10			\$ 86.10	\$ 86.10			\$ 86.10
Size of the first block	100 Therms				20 Therms			
Therms in the first block per month at	\$ 0.6977	\$ 0.6793	\$ 0.0874	\$ 1.4644	\$ 0.6977	\$ 0.0725	\$ 0.0874	\$ 0.8576
All therms over the first block per month at	\$ 0.4800	\$ 0.6793	\$ 0.0874	\$ 1.2467	\$ 0.4800	\$ 0.0725	\$ 0.0874	\$ 0.6399
<u>Commercial/Industrial - G-45</u>								
Customer Charge per Month per Meter	\$ 258.25			\$ 258.25	\$ 258.25			\$ 258.25
Size of the first block	1000 Therms				400 Therms			
Therms in the first block per month at	\$ 0.6349	\$ 0.6793	\$ 0.0874	\$ 1.4016	\$ 0.6349	\$ 0.0725	\$ 0.0874	\$ 0.7948
All therms over the first block per month at	\$ 0.4337	\$ 0.6793	\$ 0.0874	\$ 1.2004	\$ 0.4337	\$ 0.0725	\$ 0.0874	\$ 0.5936
<u>Commercial/Industrial - G-46</u>								
Customer Charge per Month per Meter	\$ 1,105.88			\$ 1,105.88	\$ 1,105.88			\$ 1,105.88
All therms over the first block per month at	\$ 0.3916	\$ 0.6793	\$ 0.0874	\$ 1.1583	\$ 0.1903	\$ 0.0725	\$ 0.0874	\$ 0.3502
<u>Commercial/Industrial - G-55</u>								
Customer Charge per Month per Meter	\$ 86.18			\$ 86.18	\$ 86.18			\$ 86.18
Size of the first block	100 Therms				100 Therms			
Therms in the first block per month at	\$ 0.4204	\$ 0.6796	\$ 0.0874	\$ 1.1874	\$ 0.4204	\$ 0.0726	\$ 0.0874	\$ 0.5804
All therms over the first block per month at	\$ 0.2807	\$ 0.6796	\$ 0.0874	\$ 1.0477	\$ 0.2807	\$ 0.0726	\$ 0.0874	\$ 0.4407
<u>Commercial/Industrial - G-56</u>								
Customer Charge per Month per Meter	\$ 258.02			\$ 258.02	\$ 258.02			\$ 258.02
Size of the first block	1000 Therms				1000 Therms			
Therms in the first block per month at	\$ 0.3624	\$ 0.6796	\$ 0.0874	\$ 1.1294	\$ 0.2677	\$ 0.0726	\$ 0.0874	\$ 0.4277
All therms over the first block per month at	\$ 0.2477	\$ 0.6796	\$ 0.0874	\$ 1.0147	\$ 0.1603	\$ 0.0726	\$ 0.0874	\$ 0.3203
<u>Commercial/Industrial - G-57</u>								
Customer Charge per Month per Meter	\$ 1,140.69			\$ 1,140.69	\$ 1,140.69			\$ 1,140.69
All therms over the first block per month at	\$ 0.2534	\$ 0.6796	\$ 0.0874	\$ 1.0204	\$ 0.1284	\$ 0.0726	\$ 0.0874	\$ 0.2884
<u>Commercial/Industrial - G-58</u>								
Customer Charge per Month per Meter	\$ 1,141.63			\$ 1,141.63	\$ 1,141.63			\$ 1,141.63
All therms over the first block per month at	\$ 0.0966	\$ 0.6796	\$ 0.0874	\$ 0.8636	\$ 0.0546	\$ 0.0726	\$ 0.0874	\$ 0.2146

DATED: XX XX, 2024

EFFECTIVE: November 1, 2024

ISSUED BY: /s/Neil Proudman
Neil Proudman
TITLE: President

26 ANTICIPATED SUMMER PERIOD COST OF GAS - EXCLUDING KEENE CUSTOMERS OR GAS LIGHTING

(Col 1)	(Col 2)	(Col 3)
Anticipated Cost of Gas		
PERIOD COVERED: SUMMER PERIOD, MAY 1, 2025 THROUGH OCTOBER 31, 2025		
(REFER TO TEXT ON IN SECTION 17 COST OF GAS CLAUSE)		
Anticipated Direct Cost of Gas		
Purchased Gas:		
Demand Costs:	\$ 1,210,454	
Supply Costs:	6,947,947	
Storage Gas:		
Demand, Capacity:	\$ -	
Commodity Costs:	-	
Produced Gas:		
	-	
Hedged Contract (Saving)/Loss	<u>(3,860,898)</u>	
Unadjusted Anticipated Cost of Gas		<u>\$ 4,297,502</u>
Adjustments:		
Prior Period (Over)/Under Recovery (as of 9/1/2024 estimated COG)	\$ (409,360)	
Interest	25,413	
Accounting Adjustments	-	
Refunds from Suppliers	-	
Broker Revenues	-	
Fuel Financing	-	
Transportation CGA Revenues	-	
Interruptible Sales Margin	-	
Capacity Release and Off System Sales Margins	(3,069,734)	
Hedging Costs	-	
Fixed Price Option Administrative Costs	-	
Total Adjustments		<u>(3,453,681)</u>
Total Anticipated Direct Cost of Gas		<u>\$ 843,821</u>
Anticipated Indirect Cost of Gas		
Working Capital:		
Total Unadjusted Anticipated Cost of Gas 05/01/25-10/31/25	\$ 4,297,502	
Working Capital Rate: Lead Lag Days / 365	0.0705	
Prime Rate	8.50%	
Working Capital Percentage	0.599%	
Working Capital	\$ 25,753	
Plus: Working Capital Reconciliation	<u>(5,240)</u>	
Total Working Capital Allowance		20,513
Bad Debt:		
Total Unadjusted Anticipated Cost of Gas 05/01/25-10/31/25	\$ 4,297,502	
Less: Refunds	-	
Plus: Total Working Capital	20,513	
Plus: Prior Period (Over)/Under Recovery	<u>(409,360)</u>	
Subtotal	\$ 3,908,656	
Bad Debt Percentage	1.99%	
Bad Debt Allowance	\$ 9,002	
Plus: Bad Debt Reconciliation	<u>750,057</u>	
Total Bad Debt Allowance		\$ 759,059
Production and Storage Capacity		
		\$ -
Miscellaneous Overhead 05/01/25-10/31/25	\$ -	
Times Summer Sales	22,423	
Divided by Total Sales	<u>111,311</u>	
Miscellaneous Overhead		<u>-</u>
Total Anticipated Indirect Cost of Gas		<u>\$ 779,573</u>
Total Cost of Gas		<u>\$ 1,623,394</u>

DATED: XX XX, 2024

ISSUED BY: /s/Neil Proudman
Neil Proudman

EFFECTIVE: November 1, 2024

TITLE: President

**27 CALCULATION OF FIRM SALES SUMMER PERIOD COST OF GAS RATE -
EXCLUDING KEENE CUSTOMERS**

**CALCULATION OF FIRM SALES COST OF GAS RATE
PERIOD COVERED: SUMMER PERIOD, MAY 1, 2025 THROUGH OCTOBER 31, 2025
(Refer to Text in Section 17 Cost of Gas Clause)**

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 843,821	
Projected Prorated Sales (05/01/2025-10/31/2025)	22,422,719	
Direct Cost of Gas Rate		\$ 0.0376 per therm
Demand Cost of Gas Rate	\$ 1,210,454	\$ 0.0540 per therm
Commodity Cost of Gas Rate	6,947,947	\$ 0.3099 per therm
Adjustment Cost of Gas Rate	(3,453,681)	\$ (0.1540) per therm
Hedge Contract (Savings)	(3,860,898)	\$ (0.1722) per therm
Total Direct Cost of Gas Rate	\$ 843,821	\$ 0.0376 per therm
Total Anticipated Indirect Cost of Gas	\$ 779,573	
Projected Prorated Sales (05/01/2025-10/31/2025)	22,422,719	
Indirect Cost of Gas		\$ 0.0348 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/25		\$ 0.0724 per therm
RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 05/01/25		COGwr \$ 0.0724 /therm
	Maximum (COG + 25%)	\$ 0.0905

C&I HIGH WINTER USE COST OF GAS RATE - 05/01/25	COGwh	\$ 0.0725 /therm
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Average Demand Cost of Gas Rate Effective 05/01/25	\$ 0.0540		
Times: High Winter Use Ratio (Summer)	0.9995	Maximum (COG + 25%)	\$ 0.0906
Times: Correction Factor	0.9997		
Adjusted Demand Cost of Gas Rate	\$ 0.0540		
Commodity Cost of Gas Rate	\$ 0.3099		
Adjustment Cost of Gas Rate	\$ (0.1540)		
Indirect Cost of Gas Rate	\$ 0.0348		
Hedge Contract (Savings)	\$ (0.1722)		
Adjusted C&I High Winter Use Cost of Gas Rate	\$ 0.0725		

C&I LOW WINTER USE COST OF GAS RATE - 05/01/25	COGwl	\$ 0.0726 /therm
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Average Demand Cost of Gas Rate Effective 05/01/25	\$ 0.0540		
Times: Low Winter Use Ratio (Summer)	1.0014	Maximum (COG + 25%)	\$ 0.0908
Times: Correction Factor	0.9997		
Adjusted Demand Cost of Gas Rate	\$ 0.0541		
Commodity Cost of Gas Rate	\$ 0.3099		
Adjustment Cost of Gas Rate	\$ (0.1540)		
Indirect Cost of Gas Rate	\$ 0.0348		
Hedge Contract (Savings)	\$ (0.1722)		
Adjusted C&I Low Winter Use Cost of Gas Rate	\$ 0.0726		

DATED: XX XX, 2024

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2024

Neil Proudman
TITLE: President

29 CALCULATION OF FIXED WINTER PERIOD COST OF GAS RATE EXCLUDING KEENE CUSTOMERS

II. RATE SCHEDULES
CALCULATION OF FIXED WINTER PERIOD COST OF GAS RATE
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2024 THROUGH APRIL 30, 2025
(Refer to Text in Section 17(A) Fixed Price Option Program)

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$55,639,395	
Projected Prorated Sales (11/01/24 - 04/30/25)	88,888,172	
Direct Cost of Gas Rate		\$ 0.6259 per therm
Demand Cost of Gas Rate	\$14,124,307	\$ 0.1589 per therm
Commodity Cost of Gas Rate	48,298,071	\$ 0.5434 per therm
Adjustment Cost of Gas Rate	(2,288,082)	\$ (0.0257) per therm
Hedge Underground Storage Contract (Savings)/Loss	(4,494,900)	\$ (0.0506) per therm
Total Direct Cost of Gas Rate	\$55,639,395	\$ 0.6259 per therm
Total Anticipated Indirect Cost of Gas	\$ 4,736,843	
Projected Prorated Sales (11/01/24 - 04/30/25)	88,888,172	
Indirect Cost of Gas		\$ 0.0533 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/24)		\$ 0.6792
Calculation of FPO Excluding Low Income - Rate Code R-3		
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/24)		\$ 0.6792
FPO Risk Premium		\$ 0.0200
TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/24)		\$ 0.6992
<hr/>		
RESIDENTIAL FPO COST OF GAS RATE - EXCLUDING LOW INCOME - (R-3) 11/01/24	COGwr	\$ 0.6992 /therm
<hr/>		
Calculation of FPO for Gas Assistance Program - Rate Code R-4		
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/24) FPO (Line 13 * 0.55)		\$ 0.3736
FPO Risk Premium (Line 14 * 0.55)		\$ 0.0110
TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/24) (Line 15 * 0.55)		\$ 0.3846
<hr/>		
RESIDENTIAL FPO COST OF GAS RATE - LOW INCOME - (R-4) 11/01/24	COGwr	\$ 0.3846 /therm

DATED: XX XX, 2024

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2024

Neil Proudman
TITLE: President

**30 CALCULATION OF FIRM SALES WINTER PERIOD COST OF GAS RATE
EXCLUDING KEENE CUSTOMERS**

**CALCULATION OF FIRM SALES COST OF GAS RATE
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2024 THROUGH APRIL 30, 2025
(Refer to Text in Section 17 Cost of Gas Clause)**

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 55,639,395	
Projected Prorated Sales (11/01/2024 - 04/30/2025)	88,888,172	
Direct Cost of Gas Rate		\$ 0.6259 per therm
Demand Cost of Gas Rate	\$ 14,124,307	\$ 0.1589 per therm
Commodity Cost of Gas Rate	48,298,071	\$ 0.5434 per therm
Adjustment Cost of Gas Rate	(2,288,082)	\$ (0.0257) per therm
Hedge Contract (Savings)	(4,494,900)	\$ (0.0506) per therm
Total Direct Cost of Gas Rate	\$ 55,639,395	\$ 0.6259 per therm
Total Anticipated Indirect Cost of Gas	\$ 4,736,843	
Projected Prorated Sales (11/01/2024 - 04/30/2025)	88,888,172	
Indirect Cost of Gas		\$ 0.0533 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/24		\$ 0.6792 per therm

RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 11/01/24	COGwr	\$ 0.6792 /therm
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Maximum (COG + 25%) \$ 0.8490

GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 11/01/24	COGwr	\$ 0.3736 /therm
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Maximum (COG + 25%) \$ 0.4670

C&I HIGH WINTER USE COST OF GAS RATE - 11/01/24	COGwh	\$ 0.6793 /therm
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Average Demand Cost of Gas Rate Effective 11/01/24	\$ 0.1589		
Times: High Winter Use Ratio (Winter)	0.9995	Maximum (COG + 25%)	\$ 0.8491
Times: Correction Factor	1.0002		
Adjusted Demand Cost of Gas Rate	\$ 0.1589		
Commodity Cost of Gas Rate	\$ 0.5434		
Adjustment Cost of Gas Rate	\$ (0.0257)		
Indirect Cost of Gas Rate	\$ 0.0533		
Hedge Contract (Savings)	\$ (0.0506)		
Adjusted C&I High Winter Use Cost of Gas Rate	\$ 0.6793		

C&I LOW WINTER USE COST OF GAS RATE - 11/01/24	COGwl	\$ 0.6796 /therm
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Average Demand Cost of Gas Rate Effective 11/01/24	\$ 0.1589		
Times: Low Winter Use Ratio (Winter)	1.0014	Maximum (COG + 25%)	\$ 0.8495
Times: Correction Factor	1.0002		
Adjusted Demand Cost of Gas Rate	\$ 0.1592		
Commodity Cost of Gas Rate	\$ 0.5434		
Adjustment Cost of Gas Rate	\$ (0.0257)		
Indirect Cost of Gas Rate	\$ 0.0533		
Hedge Contract (Savings)	\$ (0.0506)		
Adjusted C&I Low Winter Use Cost of Gas Rate	\$ 0.6796		

DATED: XX XX, 2024

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2024

Neil Proudman
TITLE: President

• **31 ANTICIPATED WINTER PERIOD COST OF GAS - EXCLUDING KEENE CUSTOMERS OR GAS LIGHTING**

Anticipated Cost of Gas
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2024 THROUGH APRIL 30, 2025
(REFER TO TEXT ON IN SECTION 17 COST OF GAS CLAUSE)

(Col 1)	(Col 2)	(Col 3)
Anticipated Direct Cost of Gas		
Purchased Gas:		
Demand Costs:	\$ 13,277,648	
Supply Costs:	40,009,791	
Storage Gas:		
Demand, Capacity:	\$ 846,659	
Commodity Costs:	4,210,226	
Produced Gas:		
	4,078,054	
Hedged Contract (Saving)/Loss		
	(4,494,900)	
Unadjusted Anticipated Cost of Gas		\$ 57,927,477
Adjustments:		
Prior Period (Over)/Under Recovery (as of 05/01/24)	\$ 306,763	
Interest	188,887	
Accounting Adjustments	54,172	
Gas Assistance Program	(618,933)	
Refunds from Suppliers	-	
Broker Revenues	30,408	
Fuel Financing	462,146	
Transportation CGA Revenues	62,123	
Interruptible Sales Margin	-	
Capacity Release and Off System Sales Margins	(2,836,642)	
Hedging Costs	-	
Fixed Price Option Administrative Costs	62,993	
Total Adjustments		(2,288,082)
Total Anticipated Direct Cost of Gas		\$ 55,639,395
Anticipated Indirect Cost of Gas		
Working Capital:		
Total Unadjusted Anticipated Cost of Gas 11/01/24 - 04/30/25	\$ 57,927,477	
Working Capital Rate: Lead Lag Days / 365	0.0705	
Prime Rate	8.50%	
Working Capital Percentage	0.599%	
Working Capital	\$ 333,833	
Plus: Working Capital Reconciliation	(143,692)	
Total Working Capital Allowance		190,141
Bad Debt:		
Total Unadjusted Anticipated Cost of Gas 11/01/24 - 04/30/25	\$ 57,927,477	
Less: Refunds	-	
Plus: Total Working Capital	190,141	
Plus: Prior Period (Over)/Under Recovery	306,763	
Subtotal	\$ 58,424,381	
Bad Debt Percentage	1.99%	
Bad Debt Allowance	\$ 1,027,008	
Plus: Bad Debt Reconciliation	(165,765)	
Total Bad Debt Allowance		\$ 861,243
Production and Storage Capacity		\$ 3,685,459
Miscellaneous Overhead 11/01/2024 - 04/30/25	\$ -	
Times Winter Sales	88,888	
Divided by Total Sales	111,311	
Miscellaneous Overhead		-
Total Anticipated Indirect Cost of Gas		\$ 4,736,843
Total Cost of Gas		\$ 60,376,238

DATED: XX XX, 2024

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2024

Neil Proudman
TITLE: President

33 CALCULATION OF FIRM TRANSPORTATION COST OF GAS RATE

II. RATE SCHEDULES

Calculation of Firm Transportation Cost of Gas Rate
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2024 THROUGH APRIL 30, 2025
(Refer to text in Section 16(Q) Firm Transportation Cost of Gas Clause)

(Col 1)	(Col 2)	(Col 3)	(Col 4)
ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES:			
PROPANE	\$ 1,039,539		
LNG	<u>4,360,481</u>		
TOTAL ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES	5,400,020		
ESTIMATED PERCENTAGE USED FOR PRESSURE SUPPORT PURPOSES	<u>8.7%</u>		
ESTIMATED COST OF LIQUIDS USED FOR PRESSURE SUPPORT PURPOSES	<u>\$ 469,802</u>		
PROJECTED FIRM THROUGHPUT (THERMS):			
FIRM SALES	88,888,172	67.5%	
FIRM TRANSPORTATION SUBJECT TO FTCG	<u>42,888,750</u>	<u>32.5%</u>	
TOTAL FIRM THROUGHPUT SUBJECT TO COST OF GAS CHARGE	131,776,922	100.0%	
TRANSPORTATION SHARE OF SUPPLEMENTAL GAS SUPPLIES	32.5%	x	\$ 469,802 = \$ 152,904
PRIOR (OVER) OR UNDER COLLECTION			<u>(90,781)</u>
NET AMOUNT TO COLLECT FROM (RETURNED TO) TRANSPORTATION CUSTOMERS			\$ 62,123
PROJECTED FIRM TRANSPORTATION THROUGHPUT			42,888,750
FIRM TRANSPORTATION COST OF GAS			\$ 0.0014

DATED: XX XX, 2024

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2024

Neil Proudman
TITLE: President

2 ATTACHMENT B
Schedule of Administrative Fees and Charges

Schedule of Administrative Fees and Charges

I. Supplier Balancing Charge:	\$	0.11	per MMBtu of Daily Imbalance Volumes")
II. Capacity Mitigation Fee		15%	of the Proceeds from the Marketing of Capacity for Mitigation.
III. Peaking Demand Charge	\$	56.21	MMBTU of Peak MDQ
IV. Company Allowance Calculation (per Schedule 25)			
		159,432,155	Total Sendout - Therms Jul-2023 - Jun-2024
		<u>155,226,688</u>	Total Throughput - Therms Jul-2023 - Jun-2024
		4,205,467	Variance (Sendout - Throughput)
Company Allowance Percentage 2024-25		2.6%	Variance / Total Sendout

DATED: XX XX, 2024

ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2024

Neil Proudman
TITLE: President

**3 ATTACHMENT C
Capacity Allocators**

CAPACITY ALLOCATORS

Rate Class		Pipeline	Storage	Peaking	Total
G-41	Low Annual /High Winter Use	72.9%	17.7%	9.4%	100.0%
G-51	Low Annual /Low Winter Use	80.1%	13.0%	6.9%	100.0%
G-42	Medium Annual / High Winter	72.9%	17.7%	9.4%	100.0%
G-52	High Annual / Low Winter Use	80.1%	13.0%	6.9%	100.0%
G-43	High Annual / High Winter	72.9%	17.7%	9.4%	100.0%
G-53	High Annual / Load Factor < 90%	80.1%	13.0%	6.9%	100.0%
G-54	High Annual / Load Factor < 90%	80.1%	13.0%	6.9%	100.0%

DATED: XX XX, 2024

ISSUED BY: /s/Neil Proudman
Neil Proudman

EFFECTIVE: November 1, 2024

TITLE: President

<u>Page</u>	<u>Revision</u>
Title	Original
TOC i	First Revised
TOC ii	Original
TOC iii	First Revised
TOC iv	Original
1	<u>Illustrative</u> Seventy- second first Revised
2	Seventh Revised
3	<u>Illustrative</u> Sixty- seventh sixth Revised
4	<u>Illustrative</u> Sixty- fifth fourth Revised
5	<u>Illustrative</u> Fourth Third Revised
6	Original
7	Original
8	Original
9	Third Revised
10	Original
11	Original
12	Original
13	Original
14	Original
15	Original
16	Original
17	Original
18	Original
19	Original
20	Original
21	Original
22	Original
23	Original
24	Original
25	Original
26	Original

DATED: ~~XX XX, 2024~~ July 24, 2024

ISSUED BY: /s/Neil Proudman

EFFECTIVE: ~~November 1, 2024~~ August 1, 2024

Neil Proudman
TITLE: President

<u>Page</u>	<u>Revision</u>
58	Original
59	Fourth Revised
60	Original
61	Fourth Revised
62	Original
63	Fourth Revised
64	Original
65	Fourth Revised
66	Original
67	Fourth Revised
68	Original
69	Fourth Revised
70	Original
71	Fourth Revised
72	Original
73	Fifth Revised
74	Original
75	Fourth Revised
76	Original
77	Fourth Revised
78	Original
79	Fourth Revised
80	Original
81	Fourth Revised
82	Original
83	Fourth Revised
84	Original
85	Fourth Revised
86	Original
87	Illustrative Thirty- eighth seventh Revised
88	Forty-third Revised
89	Illustrative Thirty- eighth seventh Revised

DATED: ~~XX XX, 2024~~July 24, 2024

ISSUED BY: /s/Neil Proudman

EFFECTIVE: ~~November 1, 2024~~August 1, 2024

Neil Proudman
TITLE: President

<u>Page</u>	<u>Revision</u>
90	Original
91	Illustrative Fourth Revised
92	Illustrative Twelfth Revised
93	Eighteenth Revised
94	Illustrative Fourth Revised
95	Illustrative Nineteenth Revised
96	Illustrative Fourth Revised
97	Sixteenth Revised
98	Illustrative Fourth Revised
99	Third Revised
100	Third Revised
101	Twelfth Revised
102	Original
103	Original
104	Original
105	Original
106	Original
107	Original
108	Original
109	Original
110	Original
111	Original
112	Original
113	Original
114	Original
115	Original
116	Original
117	Original
118	Original
119	Original
120	Original
121	Original

DATED: ~~XX XX, 2024~~ July 24, 2024

ISSUED BY: /s/Neil Proudman

EFFECTIVE: ~~November 1, 2024~~ August 1, 2024

Neil Proudman
TITLE: President

122	Original
123	Original

DATED: ~~XX XX, 2024~~ July 24, 2024

EFFECTIVE: ~~November 1, 2024~~ August 1, 2024

ISSUED BY: /s/Neil Proudman

Neil Proudman

TITLE: President

Authorized by NHPUC Order No. XX.XXX dated XX XX, 2024, in Docket No. DG 24-098

Authorized by NHPUC Order No. 26,999 dated April 30, 2024, in Docket No. 24-042

<u>Page</u>	<u>Revision</u>
124	Original
125	Original
126	Original
127	Original
128	Original
129	Original
130	Original
131	Original
132	Original
133	Original
134	Original
135	Original
136	Original
137	Original
138	Original
139	Original
140	Original
141	Original
142	Original
143	Original
144	Original
145	Original
146	Original
147	Original
148	Original
149	Original
150	Original
151	Original
152	Original
153	Illustrative FourthThird Revised
154	Illustrative FourthThird Revised

DATED: ~~XX XX, 2024~~ November 20, 2023

ISSUED BY: /s/Neil Proudman
Neil Proudman

EFFECTIVE: ~~November 1, 2024~~ November 1, 2023

TITLE: President

22 FIRM RATE SCHEDULES - EXCLUDING KEENE CUSTOMERS

		II RATE SCHEDULES							
		Rates Effective April 1, 2024 – April 30, 2024				Rates Effective May 1, 2024 – October 31, 2024			
		Rates Effective November 1, 2024- April 30, 2025				Rates Effective May 1, 2025 - October 31, 2025			
		Winter Period				Summer Period			
	Delivery Charge	Cost of Gas Rate Page 95	LDAC Page 101	Total Rate	Delivery Charge	Cost of Gas Rate Page 92	LDAC Page 101	Total Rate	
Residential Non Heating - R-1									
Customer Charge per Month per Meter	\$ 16.76			\$ 16.76	\$ 16.76			\$ 16.76	
All therms	\$ 0.5025	\$ 0.6792 \$ -0.3449	\$ 0.1986	\$ 1.3803 \$ -1.0460	\$ 0.5025	\$ 0.0724 \$ -0.0187	\$ 0.1986	\$ 0.7735 \$ -0.7498	
Residential Heating - R-3									
Customer Charge per Month per Meter	\$ 16.76			\$ 16.76	\$ 16.76			\$ 16.76	
Therms in the first block per month at	\$ 0.6716	\$ 0.6792 \$ -0.3449	\$ 0.1986	\$ 1.5494 \$ -1.2151	\$ 0.6716	\$ 0.0724 \$ -0.0187	\$ 0.1986	\$ 0.9426 \$ -0.8889	
Residential Heating - R-4									
Customer Charge per Month per Meter	\$ 9.22			\$ 9.22	\$ 16.76			\$ 16.76	
Therms in the first block per month at	\$ 0.3694	\$ 0.3736 \$ -0.1897	\$ 0.1986	\$ 0.9416 \$ -0.7577	\$ 0.6716	\$ 0.0724 \$ -0.0187	\$ 0.1986	\$ 0.9426 \$ -0.8889	
Commercial/Industrial - G-41									
Customer Charge per Month per Meter	\$ 66.23			\$ 66.23	\$ 66.23			\$ 66.23	
Size of the first block	100 Therms				20 Therms				
Therms in the first block per month at	\$ 0.5367	\$ 0.6793 \$ -0.3447	\$ 0.0874	\$ 1.3034 \$ -0.9688	\$ 0.5367	\$ 0.0725 \$ -0.0181	\$ 0.0874	\$ 0.6966 \$ -0.6422	
All therms over the first block per month at	\$ 0.3692	\$ 0.6793 \$ -0.3447	\$ 0.0874	\$ 1.1359 \$ -0.8013	\$ 0.3692	\$ 0.0725 \$ -0.0181	\$ 0.0874	\$ 0.5291 \$ -0.4747	
Commercial/Industrial - G-42									
Customer Charge per Month per Meter	\$ 198.65			\$ 198.65	\$ 198.65			\$ 198.65	
Size of the first block	1000 Therms				400 Therms				
Therms in the first block per month at	\$ 0.4884	\$ 0.6793 \$ -0.3447	\$ 0.0874	\$ 1.2551 \$ -0.9205	\$ 0.4884	\$ 0.0725 \$ -0.0181	\$ 0.0874	\$ 0.6483 \$ -0.5939	
All therms over the first block per month at	\$ 0.3336	\$ 0.6793 \$ -0.3447	\$ 0.0874	\$ 1.1003 \$ -0.7657	\$ 0.3336	\$ 0.0725 \$ -0.0181	\$ 0.0874	\$ 0.4935 \$ -0.4394	
Commercial/Industrial - G-43									
Customer Charge per Month per Meter	\$ 850.68			\$ 850.68	\$ 850.68			\$ 850.68	
All therms over the first block per month at	\$ 0.3012	\$ 0.6793 \$ -0.3447	\$ 0.0874	\$ 1.0679 \$ -0.7333	\$ 0.1464	\$ 0.0725 \$ -0.0181	\$ 0.0874	\$ 0.3063 \$ -0.2519	
Commercial/Industrial - G-51									
Customer Charge per Month per Meter	\$ 66.29			\$ 66.29	\$ 66.29			\$ 66.29	
Size of the first block	100 Therms				100 Therms				
Therms in the first block per month at	\$ 0.3234	\$ 0.6796 \$ -0.3459	\$ 0.0874	\$ 1.0904 \$ -0.7567	\$ 0.3234	\$ 0.0726 \$ -0.0193	\$ 0.0874	\$ 0.4834 \$ -0.4304	
All therms over the first block per month at	\$ 0.2159	\$ 0.6796 \$ -0.3459	\$ 0.0874	\$ 0.9829 \$ -0.6492	\$ 0.2159	\$ 0.0726 \$ -0.0193	\$ 0.0874	\$ 0.3759 \$ -0.3226	
Commercial/Industrial - G-52									
Customer Charge per Month per Meter	\$ 198.48			\$ 198.48	\$ 198.48			\$ 198.48	
Size of the first block	1000 Therms				1000 Therms				
Therms in the first block per month at	\$ 0.2788	\$ 0.6796 \$ -0.3459	\$ 0.0874	\$ 1.0458 \$ -0.7121	\$ 0.2059	\$ 0.0726 \$ -0.0193	\$ 0.0874	\$ 0.3659 \$ -0.3126	
All therms over the first block per month at	\$ 0.1905	\$ 0.6796 \$ -0.3459	\$ 0.0874	\$ 0.9575 \$ -0.6238	\$ 0.1233	\$ 0.0726 \$ -0.0193	\$ 0.0874	\$ 0.2833 \$ -0.2300	
Commercial/Industrial - G-53									
Customer Charge per Month per Meter	\$ 877.45			\$ 877.45	\$ 877.45			\$ 877.45	
All therms over the first block per month at	\$ 0.1949	\$ 0.6796 \$ -0.3459	\$ 0.0874	\$ 0.9619 \$ -0.6282	\$ 0.0988	\$ 0.0726 \$ -0.0193	\$ 0.0874	\$ 0.2588 \$ -0.2055	
Commercial/Industrial - G-54									
Customer Charge per Month per Meter	\$ 878.18			\$ 878.18	\$ 878.18			\$ 878.18	
All therms over the first block per month at	\$ 0.0743	\$ 0.6796 \$ -0.3459	\$ 0.0874	\$ 0.8413 \$ -0.5076	\$ 0.0420	\$ 0.0726 \$ -0.0193	\$ 0.0874	\$ 0.2020 \$ -0.1487	

DATED: ~~XX XX, 2024~~ March 22, 2024

EFFECTIVE: ~~November 1, 2024~~ April 1, 2024

ISSUED BY: /s/Neil Proudman

Neil Proudman

TITLE: President

4 FIRM RATE SCHEDULES – MANAGED EXPANSION PROGRAM - EXCLUDING KEENE CUSTOMERS

		II RATE SCHEDULES							
		Rates Effective April 1, 2024 – April 30, 2024				Rates Effective May 1, 2024 – October 31, 2024			
		Rates Effective November 1, 2024- April 30, 2025				Rates Effective May 1, 2025 - October 31, 2025			
		Winter Period				Summer Period			
	Delivery Charge	Cost of Gas Rate Page 95	LDAC Page 101	Total Rate	Delivery Charge	Cost of Gas Rate Page 92	LDAC Page 101	Total Rate	
Residential Non Heating - R-5									
Customer Charge per Month per Meter	\$ 21.79			\$ 21.79	\$ 21.79			\$ 21.79	
All therms	\$ 0.6533	\$ 0.6792	\$ 0.1986	\$ 1.5311	\$ 0.6533	\$ 0.0724	\$ 0.1986	\$ 0.9243	
		\$ -0.3449		\$ -1.1968		\$ -0.0187		\$ -0.8706	
Residential Heating - R-6									
Customer Charge per Month per Meter	\$ 21.79			\$ 21.79	\$ 21.79			\$ 21.79	
Therms in the first block per month at	\$ 0.8731	\$ 0.6792	\$ 0.1986	\$ 1.7509	\$ 0.8731	\$ 0.0724	\$ 0.1986	\$ 1.1441	
		\$ -0.3449		\$ -1.4166		\$ -0.0187		\$ -1.0904	
Residential Heating - R-7									
Customer Charge per Month per Meter	\$ 11.99			\$ 11.99	\$ 21.79			\$ 21.79	
Therms in the first block per month at	\$ 0.4802	\$ 0.3736	\$ 0.1986	\$ 1.0524	\$ 0.8731	\$ 0.0724	\$ 0.1986	\$ 1.1441	
		\$ -0.1897		\$ -0.8685		\$ -0.0187		\$ -1.0904	
Commercial/Industrial - G-44									
Customer Charge per Month per Meter	\$ 86.10			\$ 86.10	\$ 86.10			\$ 86.10	
Size of the first block	100 Therms				20 Therms				
Therms in the first block per month at	\$ 0.6977	\$ 0.6793	\$ 0.0874	\$ 1.4644	\$ 0.6977	\$ 0.0725	\$ 0.0874	\$ 0.8576	
		\$ -0.3447		\$ -1.1298		\$ -0.0181		\$ -0.8032	
All therms over the first block per month at	\$ 0.4800	\$ 0.6793	\$ 0.0874	\$ 1.2467	\$ 0.4800	\$ 0.0725	\$ 0.0874	\$ 0.6399	
		\$ -0.3447		\$ -0.9121		\$ -0.0181		\$ -0.5855	
Commercial/Industrial - G-45									
Customer Charge per Month per Meter	\$ 258.25			\$ 258.25	\$ 258.25			\$ 258.25	
Size of the first block	1000 Therms				400 Therms				
Therms in the first block per month at	\$ 0.6349	\$ 0.6793	\$ 0.0874	\$ 1.4016	\$ 0.6349	\$ 0.0725	\$ 0.0874	\$ 0.7948	
		\$ -0.3447		\$ -1.0670		\$ -0.0181		\$ -0.7404	
All therms over the first block per month at	\$ 0.4337	\$ 0.6793	\$ 0.0874	\$ 1.2004	\$ 0.4337	\$ 0.0725	\$ 0.0874	\$ 0.5936	
		\$ -0.3447		\$ -0.8658		\$ -0.0181		\$ -0.5392	
Commercial/Industrial - G-46									
Customer Charge per Month per Meter	\$ 1,105.88			\$ 1,105.88	\$ 1,105.88			\$ 1,105.88	
All therms over the first block per month at	\$ 0.3916	\$ 0.6793	\$ 0.0874	\$ 1.1583	\$ 0.1903	\$ 0.0725	\$ 0.0874	\$ 0.3502	
		\$ -0.3447		\$ -0.8237		\$ -0.0181		\$ -0.2958	
Commercial/Industrial - G-55									
Customer Charge per Month per Meter	\$ 86.18			\$ 86.18	\$ 86.18			\$ 86.18	
Size of the first block	100 Therms				100 Therms				
Therms in the first block per month at	\$ 0.4204	\$ 0.6796	\$ 0.0874	\$ 1.1874	\$ 0.4204	\$ 0.0726	\$ 0.0874	\$ 0.5804	
		\$ -0.3459		\$ -0.8537		\$ -0.0193		\$ -0.5271	
All therms over the first block per month at	\$ 0.2807	\$ 0.6796	\$ 0.0874	\$ 1.0477	\$ 0.2807	\$ 0.0726	\$ 0.0874	\$ 0.4407	
		\$ -0.3459		\$ -0.7140		\$ -0.0193		\$ -0.3874	
Commercial/Industrial - G-56									
Customer Charge per Month per Meter	\$ 258.02			\$ 258.02	\$ 258.02			\$ 258.02	
Size of the first block	1000 Therms				1000 Therms				
Therms in the first block per month at	\$ 0.3624	\$ 0.6796	\$ 0.0874	\$ 1.1294	\$ 0.2677	\$ 0.0726	\$ 0.0874	\$ 0.4277	
		\$ -0.3459		\$ -0.7957		\$ -0.0193		\$ -0.3744	
All therms over the first block per month at	\$ 0.2477	\$ 0.6796	\$ 0.0874	\$ 1.0147	\$ 0.1603	\$ 0.0726	\$ 0.0874	\$ 0.3203	
		\$ -0.3459		\$ -0.6810		\$ -0.0193		\$ -0.2670	
Commercial/Industrial - G-57									
Customer Charge per Month per Meter	\$ 1,140.69			\$ 1,140.69	\$ 1,140.69			\$ 1,140.69	
All therms over the first block per month at	\$ 0.2534	\$ 0.6796	\$ 0.0874	\$ 1.0204	\$ 0.1284	\$ 0.0726	\$ 0.0874	\$ 0.2884	
		\$ -0.3459		\$ -0.6867		\$ -0.0193		\$ -0.2354	
Commercial/Industrial - G-58									
Customer Charge per Month per Meter	\$ 1,141.63			\$ 1,141.63	\$ 1,141.63			\$ 1,141.63	
All therms over the first block per month at	\$ 0.0966	\$ 0.6796	\$ 0.0874	\$ 0.8636	\$ 0.0546	\$ 0.0726	\$ 0.0874	\$ 0.2146	
		\$ -0.3459		\$ -0.5299		\$ -0.0193		\$ -0.1613	

DATED: ~~XX XX, 2024~~ March 22, 2024

ISSUED BY: /s/Neil Proudman

EFFECTIVE: ~~November 1, 2024~~ April 1, 2024

Neil Proudman
TITLE: President

26 ANTICIPATED SUMMER PERIOD COST OF GAS - EXCLUDING KEENE CUSTOMERS OR GAS LIGHTING

Anticipated Cost of Gas

PERIOD COVERED: SUMMER PERIOD, MAY 1, 2024 THROUGH OCTOBER 31, 2024

PERIOD COVERED: SUMMER PERIOD, MAY 1, 2025 THROUGH OCTOBER 31, 2025

(REFER TO TEXT ON IN SECTION 17 COST OF GAS CLAUSE)

	(Col 1)	(Col 2)	(Col 3)
Anticipated Direct Cost of Gas			
Purchased Gas:			
Demand Costs:	\$ 1,210,454		\$ 3,222,250
Supply Costs:	6,947,947		5,741,685
Storage Gas:			
Demand, Capacity:	\$ -		\$ _____
Commodity Costs:	-		_____
Produced Gas:			
	-		114,493
Hedged Contract (Saving)/Loss			
		<u>(3,860,898)</u>	<u>(2,938,092)</u>
Unadjusted Anticipated Cost of Gas			
		\$ <u>4,297,502</u>	\$ <u>6,140,336</u>
Adjustments:			
Prior Period (Over)/Under Recovery (as of 9/1/2024/2023 estimated COG)	\$ (409,360)		\$ (4,190,137)
Interest	25,413		(240,092)
Accounting Adjustments	-		_____
Refunds from Suppliers	-		_____
Broker Revenues	-		_____
Fuel Financing	-		_____
Transportation CGA Revenues	-		_____
Interruptible Sales Margin	-		_____
Capacity Release and Off System Sales Margins	(3,069,734)		(2,027,770)
Hedging Costs	-		_____
Fixed Price Option Administrative Costs	-		_____
Total Adjustments			
		<u>(3,453,681)</u>	<u>(6,457,999)</u>
Total Anticipated Direct Cost of Gas			
		\$ <u>843,821</u>	\$ <u>(317,663)</u>
Anticipated Indirect Cost of Gas			
Working Capital:			
Total Unadjusted Anticipated Cost of Gas 05/01/2524-10/31/2524	\$ 4,297,502		\$ 6,140,336
Working Capital Rate: Lead Lag Days / 365	0.0705		0.0705
Prime Rate	8.50%		8.50%
Working Capital Percentage	0.599%		0.599%
Working Capital	\$ 25,753		\$ 36,778
Plus: Working Capital Reconciliation (Acct-1163-1424)	<u>(5,240)</u>		<u>39,326</u>
Total Working Capital Allowance		20,513	76,104
Bad Debt:			
Total Unadjusted Anticipated Cost of Gas 05/01/2524-10/31/2524	\$ 4,297,502		\$ 6,140,336
Less: Refunds	-		_____
Plus: Total Working Capital	20,513		76,104
Plus: Prior Period (Over)/Under Recovery	<u>(409,360)</u>		<u>(4,190,137)</u>
Subtotal	\$ 3,908,656		\$ 2,026,303
Bad Debt Percentage	1.99%		0.23%
Bad Debt Allowance	\$ 9,002		\$ 4,699
Plus: Bad Debt Reconciliation (Acct-1163-1754)	<u>750,057</u>		<u>698,114</u>
Total Bad Debt Allowance		\$ 759,059	\$ 702,813
Production and Storage Capacity			
		\$ -	\$ _____
Miscellaneous Overhead 05/01/2524-10/31/2524	\$ -		\$ _____
Times Summer Sales	22,423		24,743
Divided by Total Sales	<u>111,311</u>		<u>119,314</u>
Miscellaneous Overhead			
		-	_____
Total Anticipated Indirect Cost of Gas			
		\$ 779,573	\$ 778,917
Total Cost of Gas			
		\$ <u>1,623,394</u>	\$ <u>461,254</u>

DATED: ~~XX XX, 2024~~ November 15, 2023

ISSUED BY: /s/Neil Proudman

Neil Proudman

EFFECTIVE: ~~November 1, 2024~~ November 1, 2023

TITLE: President

Authorized by NHPUC Order No. XX.XXX dated XX XX, 2024, in Docket No. DG 24-098
Authorized by NHPUC Order No. 26,898 dated October 31, 2023, in Docket No. DG 23-076

**27 CALCULATION OF FIRM SALES SUMMER PERIOD COST OF GAS RATE -
EXCLUDING KEENE CUSTOMERS**

CALCULATION OF FIRM SALES COST OF GAS RATE
PERIOD COVERED: ~~SUMMER PERIOD, MAY 1, 2024 THROUGH OCTOBER 31, 2024~~
PERIOD COVERED: ~~SUMMER PERIOD, MAY 1, 2025 THROUGH OCTOBER 31, 2025~~
(Refer to Text in Section 17 Cost of Gas Clause)

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 843,821	\$ (317,663)
Projected Prorated Sales (05/01/20252024-10/31/20252024)	22,422,719	24,742,664
Direct Cost of Gas Rate	\$ 0.0376	\$ (0.0428) per therm
Demand Cost of Gas Rate	\$ 1,210,454	\$ 3,222,260 \$ 0.1437 per therm
Commodity Cost of Gas Rate	\$ 6,947,947	\$ 0.3099 2,948,086 \$ 0.1304 per therm
Adjustment Cost of Gas Rate	(3,453,681)	(0.1540) (6,457,999) \$ (0.2880) per therm
Hedge Contract (Savings)	(3,860,898)	\$ (0.1722) per therm
Total Direct Cost of Gas Rate	\$ 843,821	\$ (317,663) \$ (0.0428) per therm
Total Anticipated Indirect Cost of Gas	\$ 779,573	\$ 778,917
Projected Prorated Sales (05/01/20252024-10/31/20252024)	22,422,719	24,742,664
Indirect Cost of Gas	\$ 0.0348	\$ 0.0346 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/2524	\$ 0.0724	\$ 0.0487 per therm

RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 05/01/2524	COGwr	\$ 0.0724	\$ 0.0187 /therm
	Maximum (COG + 25%)	\$ 0.0905	\$ 0.0234

C&I HIGH WINTER USE COST OF GAS RATE - 05/01/2524	COGwh	\$ 0.0725	\$ 0.0184 /therm
--	--------------	------------------	------------------------------------

Average Demand Cost of Gas Rate Effective 05/01/2524	\$ 0.0540	\$ 0.1302	
Times: High Winter Use Ratio (Summer)	0.9995	0.9987	
Times: Correction Factor	0.9997	0.9976	
Adjusted Demand Cost of Gas Rate	\$ 0.0540	\$ 0.1297	
Commodity Cost of Gas Rate	\$ 0.3099	\$ 0.1179	
Adjustment Cost of Gas Rate	\$ (0.1540)	\$ (0.2640)	
Indirect Cost of Gas Rate	\$ 0.0348	\$ 0.0346	
Hedge Contract (Savings)	\$ (0.1722)	\$ 0.0000	
Adjusted C&I High Winter Use Cost of Gas Rate	\$ 0.0725	\$ 0.0184	
			Maximum (COG + 25%) \$ 0.0906 \$ 0.0226

C&I LOW WINTER USE COST OF GAS RATE - 05/01/2524	COGwl	\$ 0.0726	\$ 0.0193 /therm
---	--------------	------------------	------------------------------------

Average Demand Cost of Gas Rate Effective 05/01/2524	\$ 0.0540	\$ 0.1302	
Times: Low Winter Use Ratio (Summer)	1.0014	1.0080	
Times: Correction Factor	0.9997	0.9976	
Adjusted Demand Cost of Gas Rate	\$ 0.0541	\$ 0.1309	
Commodity Cost of Gas Rate	\$ 0.3099	\$ 0.1179	
Adjustment Cost of Gas Rate	\$ (0.1540)	\$ (0.2640)	
Indirect Cost of Gas Rate	\$ 0.0348	\$ 0.0346	
Hedge Contract (Savings)	\$ (0.1722)	\$ 0.0000	
Adjusted C&I Low Winter Use Cost of Gas Rate	\$ 0.0726	\$ 0.0193	
			Maximum (COG + 25%) \$ 0.0908 \$ 0.0244

DATED: ~~XX XX, 2024~~ November 15, 2023

EFFECTIVE: ~~November 1, 2024~~ November 1, 2023

ISSUED BY: /s/Neil Proudman
Neil Proudman
TITLE: President

Authorized by NHPUC Order No. XX.XXX dated XX XX, 2024, in Docket No. DG 24-098
Authorized by NHPUC Order No. 26,898 dated October 31, 2023, in Docket No. DG 23-076

29 CALCULATION OF FIXED WINTER PERIOD COST OF GAS RATE EXCLUDING KEENE CUSTOMERS

II. RATE SCHEDULES
CALCULATION OF FIXED WINTER PERIOD COST OF GAS RATE
~~PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2023 THROUGH APRIL 30, 2024~~
~~PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2024 THROUGH APRIL 30, 2025~~
(Refer to Text in Section 17(A) Fixed Price Option Program)

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 55,639,395	\$ -67,828,453
Projected Prorated Sales (11/01/243 - 04/30/254)	88,888,172	-94,568,324
Direct Cost of Gas Rate	\$ 0.6259	\$ -0.7172 per therm
Demand Cost of Gas Rate	\$ 14,124,307	\$ 0.1589 \$ -12,479,766 \$ -0.1320 per therm
Commodity Cost of Gas Rate	48,298,071	\$ 0.5434 \$ -59,033,914 \$ -0.6242 per therm
Adjustment Cost of Gas Rate	(2,288,082)	\$ (0.0257) \$ 666,498 \$ -0.0076 per therm
Hedge Underground Storage Contract (Savings)/Loss	\$ (4,494,900)	\$ (0.0506) \$ (4,351,724) \$ (0.0460) per therm
Total Direct Cost of Gas Rate	\$ 55,639,395	\$ 0.6259 \$ -67,828,453 \$ -0.7172 per therm
Total Anticipated Indirect Cost of Gas	\$ 4,736,843	\$ -3,790,945
Projected Prorated Sales (11/01/243 - 04/30/254)	88,888,172	-94,568,324
Indirect Cost of Gas	\$ 0.0533	\$ -0.0391 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/243)	\$ 0.6792	\$ -0.7563
Calculation of FPO Excluding Low Income - Rate Code R-3		
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/243) FPO (Line 13 * 0.55)	\$ 0.6792	\$ -0.7563
FPO Risk Premium	\$ 0.0200	\$ -0.0200
TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/243)	\$ 0.6992	\$ -0.7763
RESIDENTIAL FPO COST OF GAS RATE - EXCLUDING LOW INCOME - (R-3) 11/01/243	COGwr \$ 0.6992	\$ -0.7763 /therm
Calculation of FPO for Gas Assistance Program - Rate Code R-4		
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/243) FPO (Line 13 * 0.55)	\$ 0.3736	\$ -0.4160
FPO Risk Premium (Line 14 * 0.55)	\$ 0.0110	\$ -0.0110
TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/243) (Line 15 * 0.55)	\$ 0.3846	\$ -0.4270
RESIDENTIAL FPO COST OF GAS RATE - LOW INCOME - (R-4) 11/01/243	COGwr \$ 0.3846	\$ -0.4270 /therm

DATED: ~~XX XX, 2024~~ November 15, 2023

EFFECTIVE: ~~November 1, 2024~~ November 1, 2023

ISSUED BY: /s/Neil Proudman

Neil Proudman

TITLE: President

30 CALCULATION OF FIRM SALES WINTER PERIOD COST OF GAS RATE EXCLUDING KEENE CUSTOMERS

CALCULATION OF FIRM SALES COST OF GAS RATE
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2023 THROUGH APRIL 30, 2024
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2024 THROUGH APRIL 30, 2025
(Refer to Text in Section 17 Cost of Gas Clause)

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 55,639,395	\$67,828,463
Projected Prorated Sales (11/01/2024- 04/30/2025)	88,888,172	-84,868,324
Direct Cost of Gas Rate	\$ 0.6259	\$ -0.7172 per therm
Demand Cost of Gas Rate	\$ 14,124,307	\$12,470,766 \$ -0.1320 per therm
Commodity Cost of Gas Rate	48,298,071	\$ 0.5434 \$ -0.6242 per therm
Adjustment Cost of Gas Rate	(2,288,082)	(0.0257) \$ -0.0070 per therm
Hedge Contract (Savings)	(4,494,900)	(0.0506) \$ (-0.0460) per therm
Total Direct Cost of Gas Rate	\$ 55,639,395	\$67,828,463 \$ -0.7172 per therm
Total Anticipated Indirect Cost of Gas	\$ 4,738,843	\$ -3,200,846
Projected Prorated Sales (11/01/2024- 04/30/2025)	88,888,172	-84,868,324
Indirect Cost of Gas	\$ 0.0533	\$ -0.0394 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/24	\$ 0.6792	\$ -0.7563 per therm
RESIDENTIAL COST OF GAS RATE - EXCLUDING LOW INCOME - 11/01/24	COGwr	\$ 0.6792 \$ -0.7563 /therm
Change in rate due to change in under/over recovery		\$ (-0.0315)
RESIDENTIAL COST OF GAS RATE - 12/01/2023	COGwr	\$ -0.7248 /therm
Change in Rate due to change in under/over recovery		\$ (-0.0788)
RESIDENTIAL COST OF GAS RATE - 01/01/2024	COGwr	\$ -0.6460 /therm
Change in Rate due to change in under/over recovery		\$ -0.0188
RESIDENTIAL COST OF GAS RATE - 2/1/2024	COGwr	\$ -0.6648 /therm
Change in Rate due to change in under/over recovery		\$ (-0.1609)
RESIDENTIAL COST OF GAS RATE - 3/1/2024	COGwr	\$ -0.6030 /therm
Change in Rate due to change in under/over recovery		\$ (-0.1600)
RESIDENTIAL COST OF GAS RATE - 4/1/2024	COGwr	\$ -0.3449 /therm
Maximum (COG + 25%)	\$ 0.8490	\$ -0.9454
GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 - 11/01/24	COGwr	\$ 0.3736 \$ -0.4160 /therm
Change in rate due to change in under/over recovery		\$ (-0.0174)
RESIDENTIAL COST OF GAS RATE - 12/01/2023	COGwr	\$ -0.3986 /therm
Change in Rate due to change in under/over recovery		\$ (-0.0433)
RESIDENTIAL COST OF GAS RATE - 01/01/2024	COGwr	\$ -0.3653 /therm
Change in Rate due to change in under/over recovery		\$ -0.0103
RESIDENTIAL COST OF GAS RATE - 2/1/2024	COGwr	\$ -0.3666 /therm
Change in Rate due to change in under/over recovery		\$ (-0.0886)
RESIDENTIAL COST OF GAS RATE - 3/1/2024	COGwr	\$ -0.2774 /therm
Change in Rate due to change in under/over recovery		\$ (-0.0874)
RESIDENTIAL COST OF GAS RATE - 4/1/2024	COGwr	\$ -0.1887 /therm
Maximum (COG + 25%)	\$ 0.4670	\$ -0.5290
C&I HIGH WINTER USE COST OF GAS RATE - 11/01/24	COGwh	\$ 0.6793 \$ -0.7564 /therm
Change in rate due to change in under/over recovery		\$ (-0.0315)
C&I HIGH WINTER USE COST OF GAS RATE - 12/01/2023	COGwh	\$ -0.7246 /therm
Change in Rate due to change in under/over recovery		\$ (-0.0788)
C&I HIGH WINTER USE COST OF GAS RATE - 01/01/2024	COGwh	\$ -0.6458 /therm
Change in Rate due to change in under/over recovery		\$ -0.0188
C&I HIGH WINTER USE COST OF GAS RATE - 2/01/2023	COGwh	\$ -0.6646 /therm
Change in Rate due to change in under/over recovery		\$ (-0.1609)
C&I HIGH WINTER USE COST OF GAS RATE - 3/01/2023	COGwh	\$ -0.5937 /therm
Change in Rate due to change in under/over recovery		\$ (-0.1590)
C&I HIGH WINTER USE COST OF GAS RATE - 4/01/2023	COGwh	\$ -0.3447 /therm
Average Demand Cost of Gas Rate Effective 11/01/24	\$ 0.1589	\$ -0.1320
Times: High Winter Use Ratio (Winter)	0.9995	-0.9987
Times: Correction Factor	1.0002	-0.9997
Adjusted Demand Cost of Gas Rate	\$ 0.1589	\$ -0.1318
Commodity Cost of Gas Rate	\$ 0.5434	\$ -0.6242
Adjustment Cost of Gas Rate	(0.0257)	-0.0070
Indirect Cost of Gas Rate	0.0533	-0.0394
Hedge Contract (Savings)	(0.0506)	(-0.0460)
Adjusted C&I High Winter Use Cost of Gas Rate	\$ 0.6793	\$ -0.7564
C&I LOW WINTER USE COST OF GAS RATE - 11/01/24	COGwl	\$ 0.6796 \$ -0.7573 /therm
Change in rate due to change in under/over recovery		\$ (-0.0315)
C&I LOW WINTER USE COST OF GAS RATE - 12/01/2023	COGwl	\$ -0.7268 /therm
Change in Rate due to change in under/over recovery		\$ (-0.0788)
C&I LOW WINTER USE COST OF GAS RATE - 01/01/2023	COGwl	\$ -0.6470 /therm
Change in Rate due to change in under/over recovery		\$ -0.0188
C&I LOW WINTER USE COST OF GAS RATE - 2/01/2023	COGwl	\$ -0.6668 /therm
Change in Rate due to change in under/over recovery		\$ (-0.1609)
C&I LOW WINTER USE COST OF GAS RATE - 3/01/2023	COGwl	\$ -0.6049 /therm
Change in Rate due to change in under/over recovery		\$ (-0.1600)
C&I LOW WINTER USE COST OF GAS RATE - 4/01/2023	COGwl	\$ -0.3459 /therm
Average Demand Cost of Gas Rate Effective 11/01/24	\$ 0.1589	\$ -0.1320
Times: Low Winter Use Ratio (Winter)	1.0014	-1.0080
Times: Correction Factor	1.0002	-0.9997
Adjusted Demand Cost of Gas Rate	\$ 0.1592	\$ -0.1330
Commodity Cost of Gas Rate	\$ 0.5434	\$ -0.6242
Adjustment Cost of Gas Rate	(0.0257)	-0.0070
Indirect Cost of Gas Rate	0.0533	-0.0394
Hedge Contract (Savings)	(0.0506)	(-0.0460)
Adjusted C&I Low Winter Use Cost of Gas Rate	\$ 0.6796	\$ -0.7573

DATED: ~~XX XX, 2024~~ March 22, 2024

EFFECTIVE: ~~November 1, 2024~~ April 1, 2024

ISSUED BY: /s/Neil Proudman
Neil Proudman
President

Authorized by NHPUC Order No. XX.XXX dated XX XX, 2024, in Docket No. DG 24-098
Authorized by NHPUC Order No. 26,898 dated October 31, 2023, in Docket No. 23-076

31 ANTICIPATED WINTER PERIOD COST OF GAS - EXCLUDING KEENE CUSTOMERS OR GAS LIGHTING

Anticipated Cost of Gas		
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2023 THROUGH APRIL 30, 2024		
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2024 THROUGH APRIL 30, 2025		
(REFER TO TEXT ON IN SECTION 17 COST OF GAS CLAUSE)		
(Col 1)	(Col 2)	(Col 3)
Anticipated Direct Cost of Gas		
Purchased Gas:		
Demand Costs:	\$ 13,277,648	\$ 11,478,067
Supply Costs:	40,009,791	46,903,637
Storage Gas:		
Demand, Capacity:	\$ 846,659	\$ 1,004,699
Commodity Costs:	4,210,226	4,860,737
Produced Gas:		
	4,078,054	7,269,540
Hedged Contract (Saving)/Loss		
	<u>(4,494,900)</u>	<u>(4,351,724)</u>
Unadjusted Anticipated Cost of Gas	\$ 57,927,477	\$ 67,161,955
Adjustments:		
Prior Period (Over)/Under Recovery (as of 05/01/2423)	\$ 306,763	\$ 3,674,198
Interest	188,887	452,781
Accounting Adjustments	54,172	
Gas Assistance Program	(618,933)	
Refunds from Suppliers	-	
Broker Revenues	30,408	(1,340,480)
Fuel Financing	462,146	864,872
Transportation CGA Revenues	62,123	(120,926)
Interruptible Sales Margin	-	
Capacity Release and Off System Sales Margins	(2,836,642)	(2,860,948)
Hedging Costs	-	
Fixed Price Option Administrative Costs	62,993	
Total Adjustments	<u>(2,288,082)</u>	<u>666,498</u>
Total Anticipated Direct Cost of Gas	\$ 55,639,395	\$ 67,828,453
Anticipated Indirect Cost of Gas		
Working Capital:		
Total Unadjusted Anticipated Cost of Gas 11/01/243 - 04/30/254	\$ 57,927,477	\$ 67,161,955
Working Capital Rate: Lead Lag Days / 365	0.0705	0.0705
Prime Rate	8.50%	8.50%
Working Capital Percentage	0.599%	0.599%
Working Capital	\$ 333,833	\$ 402,273
Plus: Working Capital Reconciliation (Acct-142.20)	<u>(143,692)</u>	<u>(162,369)</u>
Total Working Capital Allowance		<u>190,141</u> 239,903
Bad Debt:		
Total Unadjusted Anticipated Cost of Gas 11/01/243 - 04/30/254	\$ 57,927,477	\$ 67,161,955
Less: Refunds	-	
Plus: Total Working Capital	190,141	239,903
Plus: Prior Period (Over)/Under Recovery	<u>306,763</u>	<u>3,674,198</u>
Subtotal	\$ 58,424,381	\$ 71,076,057
Bad Debt Percentage	1.99%	0.23%
Bad Debt Allowance	\$ 1,027,008	\$ 164,831
Plus: Bad Debt Reconciliation (Acct-175.52)	<u>(165,765)</u>	<u>(389,248)</u>
Total Bad Debt Allowance	<u>\$ 861,243</u>	<u>(224,417)</u>
Production and Storage Capacity		
	\$ 3,685,459	\$ 3,685,458
Miscellaneous Overhead 11/01/20243 - 04/30/254	\$ -	\$ -
Times Winter Sales	88,888	94,568
Divided by Total Sales	<u>111,311</u>	<u>119,311</u>
Miscellaneous Overhead	-	-
Total Anticipated Indirect Cost of Gas	\$ 4,736,843	\$ 3,700,945
Total Cost of Gas	\$ 60,376,238	\$ 71,529,398

DATED: ~~XX XX, 2024~~ November 15, 2023

ISSUED BY: /s/Neil Proudman

EFFECTIVE: ~~November 1, 2024~~ November 1, 2023

Neil Proudman
TITLE: President

33 CALCULATION OF FIRM TRANSPORTATION COST OF GAS RATE

II. RATE SCHEDULES

Calculation of Firm Transportation Cost of Gas Rate

~~PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2023 THROUGH APRIL 30, 2024~~

~~PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2024 THROUGH APRIL 30, 2025~~

(Refer to text in Section 16(Q) Firm Transportation Cost of Gas Clause)

(Col 1)	(Col 2)	(Col 3)	(Col 4)
ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES:			
PROPANE	\$ 1,253,503 \$ 1,039,539		
LNG	6,046,038 4,360,481		
TOTAL ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES	7,269,541 5,400,020		
ESTIMATED PERCENTAGE USED FOR PRESSURE SUPPORT PURPOSES		8.7%	
ESTIMATED COST OF LIQUIDS USED FOR PRESSURE SUPPORT PURPOSES	\$ 632,450 \$ 469,802		
PROJECTED FIRM THROUGHPUT (THERMS):			
FIRM SALES	94,568,324 88,888,172	67.5%	
FIRM TRANSPORTATION SUBJECT TO FTCG	43,224,605 42,888,750	32.5%	
TOTAL FIRM THROUGHPUT SUBJECT TO COST OF GAS CHARGE	137,792,926 131,776,922	100.0%	
TRANSPORTATION SHARE OF SUPPLEMENTAL GAS SUPPLIES	32.5%	x	\$ 469,802 =
			\$ 152,904 \$ 198,395
			\$ 632,450
PRIOR (OVER) OR UNDER COLLECTION			(90,781) (120,566)
NET AMOUNT TO COLLECT FROM (RETURNED TO) TRANSPORTATION CUSTOMERS			\$ 62,123 \$ 77,829
PROJECTED FIRM TRANSPORTATION THROUGHPUT			42,888,750 43,224,605
FIRM TRANSPORTATION COST OF GAS			\$ 0.0014 \$ 0.0018

DATED: ~~XX XX, 2024~~ November 15, 2023

ISSUED BY: /s/Neil Proudman

EFFECTIVE: ~~November 1, 2024~~ November 1, 2023

Neil Proudman
TITLE: President

~~Authorized by NHPUC Order No. XX.XXX dated XX XX, 2024, in Docket No. DG 24-098~~
~~Authorized by NHPUC Order No. 26,898 dated October 31, 2023, in Docket No. DG 23-076~~

2 ATTACHMENT B
Schedule of Administrative Fees and Charges

Schedule of Administrative Fees and Charges

I. Supplier Balancing Charge:	\$	0.11	\$ 0.14	per MMBtu of Daily Imbalance Volumes")
II. Capacity Mitigation Fee				15% of the Proceeds from the Marketing of Capacity for Mitigation.
III. Peaking Demand Charge	\$	56.21	\$ 43.95	MMBTU of Peak MDQ
IV. Company Allowance Calculation (per Schedule 25)				
		159,432,155	160,052,009	Total Sendout - Therms Jul-20232 - Jun-20243
		155,226,688	153,641,897	Total Throughput - Therms Jul-20232 - Jun-20243
		4,205,467	6,410,112	Variance (Sendout - Throughput)
Company Allowance Percentage 2024-252023-24		2.6%	4.0%	Variance / Total Sendout

DATED: ~~XX XX, 2024~~ November 15, 2023

ISSUED BY: /s/Neil Proudman

EFFECTIVE: ~~November 1, 2024~~ November 1, 2023

TITLE: Neil Proudman
President

Authorized by NHPUC Order No. XX.XXX dated XX XX, 2024, in Docket No. DG 24-098
Authorized by NHPUC Order No. 26,898 dated October 31, 2023, in Docket No. DG 23-076

**3 ATTACHMENT C
Capacity Allocators**

CAPACITY ALLOCATORS

Rate Class		Pipeline	Storage	Peaking	Total
G-41	Low Annual /High Winter Use	70.6% 72.9%	17.2% 17.7%	12.2% 9.4%	100.0%
G-51	Low Annual /Low Winter Use	79.6% 80.1%	12.0% 13.0%	8.5% 6.9%	100.0%
G-42	Medium Annual / High Winter	70.6% 72.9%	17.2% 17.7%	12.2% 9.4%	100.0%
G-52	High Annual / Low Winter Use	70.6% 80.1%	12.0% 13.0%	8.5% 6.9%	100.0%
G-43	High Annual / High Winter	70.6% 72.9%	17.2% 17.7%	12.2% 9.4%	100.0%
G-53	High Annual / Load Factor < 90%	79.6% 80.1%	12.0% 13.0%	8.5% 6.9%	100.0%
G-54	High Annual / Load Factor < 90%	79.6% 80.1%	12.0% 13.0%	8.5% 6.9%	100.0%

DATED: ~~XX XX, 2024~~ November 20, 2023

ISSUED BY: /s/Neil Proudman

EFFECTIVE: ~~November 1, 2024~~ November 1, 2023

Neil Proudman
TITLE: President