

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty

Calculation of the Projected Over or Under Collection of the
2022 Summer Interim Cost of Gas Filing
DG 21-130

Under/(Over) Collection as of July 31, 2022		\$	14,657,190
Projected Costs 08/01/2022 - 08/31/2022	\$	2,021,848	\$ 2,021,848
Forecasted firm Residential therm sales 08/01/2022 - 08/31/2022		1,138,040	
Residential Cost of Gas Rate per therm	\$	(1.2295)	
Forecasted firm C&I High Winter Use therm sales 08/01/2022 - 08/31/2022		494,780	
C&I- High Winter Use Cost of Gas Rate per therm	\$	(1.2284)	
Forecasted firm C&I Low Winter Use therm sales 08/01/2022 - 08/31/2022		685,210	
C&I- Low Winter Use Cost of Gas Rate per therm	\$	(1.2303)	
Forecast recovered costs at current rate 08/01/2022 - 08/31/2022			\$ (2,850,021.80)
Projected Interest 08/01/2022 - 08/31/2022	\$	24,241.75	\$ 24,241.75
Project Costs 09/1/22 - 10/31/22	\$	7,888,317.35	\$ 7,888,317.35
Forecasted firm Residential therm sales 09/1/22 - 10/31/22		6,313,350	
Residential Cost of Gas Rate per therm	\$	(1.2295)	
Forecasted firm C&I High Winter Use therm sales 09/1/22 - 10/31/22		2,876,700	
C&I- High Winter Use Cost of Gas Rate per therm	\$	(1.2284)	
Forecasted firm C&I Low Winter Use therm sales 09/1/22 - 10/31/22		1,545,200	
C&I- Low Winter Use Cost of Gas Rate per therm	\$	(1.2303)	
Forecast recovered costs at current rate 09/1/22 - 10/31/22			\$ (13,197,061.67)
Total Estimated Collections May			
Projected Interest 09/1/22 - 10/31/22			\$ 41,163.35
Projected under/(over) collection October 31, 2022			\$ 8,585,677
Actual Gas Costs through 08/01/22	\$	12,828,170	
Revised projected gas costs 08/01/2022 - 10/31/2022	\$	9,975,570	
Estimated total adjusted gas costs 08/01/2022 - 10/31/2022 (B)			\$ 22,869,145

Under/ (over) collection as percent of total gas costs (A/B)	37.54%
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Projected under / (over) collection as of 08/31/2021 (A)	\$	8,585,677
Forecasted firm therm sales 09/01/2021-10/31/2021		10,735,250
Calculated change in rate used to reduce forecast under/(over) collection	\$	0.7998
Calculated Cost of Gas Rate	\$	2.0293
Current Cost of Gas Rate	\$	1.2295
Revised Cost of Gas Rate	\$	1.2295
Cap - Residential Cost of Gas Rate	\$	1.2295

Revised as follows:

The revised projected gas costs include NYMEX settled strip prices as of August 22, 2022.

Compliance rates per New Hampshire Public Utilities Commission Order Number 26,649 dated July 15, 2022, in Docket DG 21-130.

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty

Projected Over or Under Collection

Without Rate Adjustment	Beginning Under/(Over)	May-22 (Actual)	Jun-22 (Actual)	Jul-22 (Actual)	Aug-22 (Estimate)	Sep-22 (Estimate)	Oct-22 (Estimate)	Total Peak
Total Gas Costs		\$ 5,096,075	\$ 4,267,348	\$ 3,356,469	\$ 1,902,568	\$ 2,479,444	\$ 5,170,313	\$ 22,272,217
Adjustments and Indirect Costs								
Refunds & Adjustments		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
COG Bad Debt		-	-	-	-	-	-	-
Return on Inventory per DG 17-048		-	-	-	-	-	-	-
Transportation Revenue		-	-	-	\$ -	\$ -	\$ -	-
Broker Revenue		-	-	-	-	-	-	-
Off System and Capacity Release		-	-	-	-	-	-	-
Fixed Price Option Admin.		-	-	-	-	\$ -	\$ -	-
Bad Debt Costs		34,959	20,088	19,392	114,888	114,888	114,888	419,103
Working Capital		11,603	9,278	7,488	4,393	4,393	4,393	41,549
Misc Overhead		-	-	-	-	-	-	-
Production & Storage		-	-	-	(1)	(1)	(1)	(3)
Total Indirect Costs		\$ 46,562	\$ 29,366	\$ 26,881	\$ 119,280	\$ 119,280	\$ 119,280	\$ 460,649
Interest		24,850	33,610	49,818	24,242	23,058	18,106	\$ 173,683
Total Gas Costs plus Indirect Costs	\$ 7,707,954	5,167,487	4,330,325	3,433,168	2,046,089	2,621,782	5,307,699	\$ 30,614,503
Total Forecasted Sales Volumes		12,357,817	7,130,362	4,983,541	2,318,030	3,434,190	7,301,060	37,525,000
Total Forecasted Collections		2,541,999	3,144,212	295,532	2,850,022	4,221,943	8,975,118	\$ 22,028,826
With Rate Adjustment	Beginning Under/(Over)	May-22 (Actual)	Jun-22 (Actual)	Jul-22 (Actual)	Aug-22 (Estimate)	Sep-22 (Estimate)	Oct-22 (Estimate)	Total Peak
Total Gas Costs		\$ 5,096,075	\$ 4,267,348	\$ 3,356,469	\$ 1,902,568	\$ 2,479,444	\$ 5,170,313	\$ 22,272,217
Adjustments and Indirect Costs								
Refunds & Adjustments		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
COG Bad Debt		-	-	-	-	-	-	-
Inventory Financing		-	-	-	-	-	-	-
Transportation Revenue		-	-	-	-	-	-	-
Broker Revenue		-	-	-	-	-	-	-
Off System and Capacity Release		-	-	-	-	-	-	-
Fixed Price Option Admin.		-	-	-	-	-	-	-
Bad Debt Costs		34,959	20,088	19,392	114,888	114,888	114,888	419,103
Working Capital		11,603	9,278	7,488	4,393	4,393	4,393	41,549
Misc Overhead		-	-	-	-	-	-	-
Production & Storage		-	-	-	(1)	(1)	(1)	(3)
Total Indirect Costs		\$ 46,562	\$ 29,366	\$ 26,881	\$ 119,280	\$ 119,280	\$ 119,280	\$ 460,649
Interest		24,850	33,610	49,818	24,242	23,058	18,482	\$ 174,059
Total Gas Costs plus Indirect Costs	\$ 7,707,954	5,167,487	4,330,325	3,433,168	2,046,089	2,621,782	5,308,075	\$ 30,614,879
Total Forecasted Sales Volumes		12,357,817	7,130,362	4,983,541	2,318,030	3,434,190	7,301,060	37,525,000
Total Forecasted Collections		2,541,999	3,144,212	295,532	2,850,022	6,968,609	14,814,506	\$ 30,614,879