

Liberty Utilities (EnergyNorth Natural Gas) Corp.

d/b/a Liberty Utilities

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

May 1, 2022

Under/(Over) Collection as of May 01, 2022		\$ 7,686,607
Forecasted firm Residential therm sales 06/01/22 - 10/31/22	13,760,184	
Residential Cost of Gas Rate per therm	\$ (0.5587)	
Forecasted firm C&I High Summer Use therm sales 06/01/22 - 10/31/22	4,503,950	
C&I- High Summer Use Cost of Gas Rate per therm	\$ (0.5593)	
+	3,586,460	
C&I- Low Summer Use Cost of Gas Rate per therm	\$ (0.5580)	
Forecasted firm Residential therm sales 05/01/22 - 5/31/22	2,923,140	
Residential Cost of Gas Rate per therm	\$ (0.5587)	
Forecasted firm C&I High Summer Use therm sales 05/01/22 - 5/31/22	1,604,790	
C&I- High Summer Use Cost of Gas Rate per therm	\$ (0.5593)	
Forecasted firm C&I Low Summer Use therm sales 05/01/22 - 5/31/22	746,920	
C&I- Low Summer Use Cost of Gas Rate per therm	\$ (0.5580)	
Forecast recovered costs at current rate 05/01/22 - 5/31/22		(15,155,617)
Estimated FPO Premium 05/01/22 - 10/31/22		-
Revised projected gas costs 05/01/22 - 10/31/22		21,033,740
Estimated interest charged (credited) to customers 05/01/22 - 10/31/22		181,799
Projected under / (over) collection as of 04/30/2022 (A)		\$ 13,746,530

Actual Gas Costs through 05/01/22	\$ -
Revised projected gas costs 05/01/2022 - 10/31/2022	\$ 21,033,740
Estimated total adjusted gas costs 05/01/2022 - 10/31/2022 (B)	\$ 21,215,540

Under/ (over) collection as percent of total gas costs (A/B)	64.79%
--	--------

Projected under / (over) collection as of 04/30/2022 (A)	\$ 13,746,530
Forecasted firm therm sales 05/01/2022-10/31/2022	27,125,444
Change in rate used to reduce forecast under/(over) collection	\$ 0.5068
Current Cost of Gas Rate	\$ 0.5587
Revised Cost of Gas Rate	\$ 1.0655
Cap - Residential Cost of Gas Rate	\$ 0.6984

Revised as follows:

The revised projected gas costs include the NYMEX settled strip prices as of April 17, 2022

Compliance rates per New Hampshire Public Utilities Commission Order Number 26,541 dated October 29, 2021, in Docket DG 21-130. The Company may adjust the approved residential cost of gas rate of \$0.5587 per therm upwards by no more than 25% or \$0.1397 per therm. The adjusted residential cost of gas rate shall not be more than \$0.6984 per therm.

Liberty Utilities (EnergyNorth Natural Gas) Corp.

d/b/a Liberty Utilities

Projected Over or Under Collection

Without Rate Adjustment	Beginning Under/(Over)	May-22 (Estimate)	Jun-22 (Estimate)	Jul-22 (Estimate)	Aug-22 (Estimate)	Sep-22 (Estimate)	Oct-22 (Estimate)	Total Peak
Total Gas Costs		\$ 4,175,500	\$ 2,660,926	\$ 2,349,701	\$ 2,385,128	\$ 3,009,407	\$ 5,783,377	\$ 20,364,037
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		107,441	107,441	107,441	107,441	107,441	107,441	644,644
Working Capital		4,177	4,177	4,177	4,177	4,177	4,177	25,064
Misc Overhead		-	-	-	-	-	-	-
Production & Storage		(1)	(1)	(1)	(1)	(1)	(1)	(6)
Total Indirect Costs		\$ 111,617	\$ 111,617	\$ 111,617	\$ 111,617	\$ 111,617	\$ 111,617	\$ 669,703
Interest		37,369	34,437	31,436	26,783	27,184	24,590	\$ 181,799
Total Gas Costs plus Indirect Costs	\$ 7,686,607	4,324,486	2,806,980	2,492,754	2,523,528	3,148,208	5,919,584	\$ 28,902,147
Total Forecasted Sales Volumes		5,274,850	2,751,830	2,286,170	3,571,134	4,687,295	8,554,165	27,125,444
Total Forecasted Collections		2,947,499	1,537,369	1,277,092	1,995,010	2,618,823	4,779,825	\$ 15,155,617
With Rate Adjustment	Beginning Under/(Over)	May-22 (Estimate)	Jun-22 (Estimate)	Jul-22 (Estimate)	Aug-22 (Estimate)	Sep-22 (Estimate)	Oct-22 (Estimate)	Total Peak
Total Gas Costs		\$ 4,175,500	\$ 2,660,926	\$ 2,349,701	\$ 2,385,128	\$ 3,009,407	\$ 5,783,377	\$ 20,364,037
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		107,441	107,441	107,441	107,441	107,441	107,441	644,644
Working Capital		4,177	4,177	4,177	4,177	4,177	4,177	25,064
Misc Overhead		-	-	-	-	-	-	-
Production & Storage		(1)	(1)	(1)	(1)	(1)	(1)	(6)
Total Indirect Costs		\$ 111,617	\$ 111,617	\$ 111,617	\$ 111,617	\$ 111,617	\$ 111,617	\$ 669,703
Interest		37,369	34,437	31,436	26,783	27,184	25,235	\$ 182,444
Total Gas Costs plus Indirect Costs	\$ 7,686,607	4,324,486	2,806,980	2,492,754	2,523,528	3,148,208	5,920,229	\$ 28,902,792
Total Forecasted Sales Volumes		5,274,850	2,751,830	2,286,170	3,571,134	4,687,295	8,554,165	27,125,444
Total Forecasted Collections		5,620,793	2,931,996	2,435,723	3,804,860	4,994,344	9,115,076	\$ 28,902,792