

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

Calculation of the Projected Over or Under Collection of the
 2021 - 2022 Winter Cost of Gas Filing
 DG 21-130

December 1, 2021

Under/(Over) Collection as of 10/31/21		\$ (3,447,842)
Forecasted firm Residential therm sales 12/01/2021 - 4/30/2022	44,503,202	
Residential Cost of Gas Rate per therm	\$ (1.1339)	
Forecasted firm C&I High Winter Use therm sales 12/01/2021 - 4/30/2022	27,662,428	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (1.1341)	
Forecasted firm C&I Low Winter therm sales 12/01/2021 - 4/30/2022	5,524,509	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (1.1324)	
Forecasted firm GAP-R4 Winter therm sales 12/01/2021 - 4/30/2022	3,221,286	
GAP R-4 Cost of Gas Rate per therm	\$ (0.6236)	
Forecasted firm Residential therm sales 11/2021	7,038,643	
Residential Cost of Gas Rate per therm	\$ (1.1339)	
Forecasted firm C&I High Winter Use therm sales 11/2021	3,871,325	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (1.1341)	
Forecasted firm C&I Low Winter Use therm sales 11/2021	1,063,081	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (1.1324)	
Forecasted firm GAP-R4 Winter therm sales 11/2021	497,668	
GAP R-4 Cost of Gas Rate per therm	\$ (0.6236)	
Forecast recovered costs at current rate 11/01/2021 - 04/30/2022		(103,984,654)
Estimated FPO Premium 11/01/2021 - 04/30/2022		(113,078)
Revised projected gas costs 11/01/2021 - 04/30/2022		98,073,892
Estimated interest charged (credited) to customers 11/01/2021 - 04/30/2022		34,089
Projected under / (over) collection as of 04/30/2022 (A)		\$ (9,437,594)

Actual Gas Costs through 11/30/21	\$ -
Revised projected gas costs 11/01/2021 - 04/30/2022	\$ 98,073,892
Estimated total adjusted gas costs 11/01/2021 - 04/30/2021 (B)	\$ 98,073,892

Under/ (over) collection as percent of total gas costs (A/B)	-9.62%
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Projected under / (over) collections as of 04/30/2022 (A)	\$ (9,437,594)
Forecasted firm therm sales 11/01/2021 - 04/30/2022	80,911,425
Change in rate used to reduce forecast under/(over) collection	\$ (0.1166)
Current Cost of Gas Rate	\$ 1.1339
Revised Cost of Gas Rate	\$ 1.0173
Cap - Residential Cost of Gas Rate	\$ 1.4174

Revised as follows:

The revised projected gas costs include the November 2021 - April 2022 NYMEX settled strip prices as of November 19, 2021.

Liberty Utilities (EnergyNorth Natural Gas) Corp.
d/b/a Liberty Utilities
Projected Over or Under Collection

Without Rate Adjustment	Beginning Under/(Over)	Nov-21 (Estimate)	Dec-21 (Estimate)	Jan-22 (Estimate)	Feb-22 (Estimate)	Mar-22 (Estimate)	Apr-22 (Estimate)	Total Peak
Total Gas Costs	(3,130,570.9)	\$ 10,217,504	\$ 23,314,898	\$ 23,019,899	\$ 15,880,777	\$ 11,340,443	\$ 10,681,941	\$ 94,455,463
Forecasted firm Residential therm sales								
Refunds & Adjustments	\$	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Forecasted COG Bad Debt		75,107	75,107	75,107.2	75,107.2	75,107.2	75,107.2	450,643
Return on Inventory per DG 20-105		55,945	55,945	55,945	55,945	55,944.5	55,944.5	335,667
Forecasted Transportation Revenue		(1,322)	(1,633)	(1,838)	(1,535)	(1,465)	(1,090)	(8,883)
Broker Revenue		(47)	(624)	(751)	(816)	(757)	(605)	(3,600)
Forecasted Off System and Capacity Release		(278,828)	(281,555)	(281,431)	(280,359)	(277,123)	(277,216)	(1,676,512)
Fixed Price Option Admin.		6,133	6,133	6,133	6,133	6,133	6,133	36,800
Bad Debt Costs	(297,552)	67,640	159,635	157,566	107,477	75,622	36,768	604,708
Working Capital	(19,719)	21,567	51,562	50,887	34,537	24,139	11,456	194,149
Misc Overhead		-	-	-	-	-	-	-
Production & Storage		614,243	614,243	614,243	614,243	614,243	614,243	3,685,458
Total Indirect Costs		\$ 560,438	\$ 678,813	\$ 675,861	\$ 610,732	\$ 571,844	\$ 520,741	\$ 3,618,429
Interest		4,214	5,206	13,068	11,844	4,702	(4,946)	\$ 34,089
Total Gas Costs plus Indirect Costs	\$ (3,447,842)	10,782,156	23,998,918	23,708,828	16,503,354	11,916,989	11,197,737	\$ 94,660,139
Total Forecasted Sales Volumes		12,470,718	18,190,255	20,866,784	16,966,205	15,497,221	9,390,960	93,382,143
Total Forecasted Collections		13,893,145	20,272,419	23,262,321	18,932,414	17,267,733	10,469,700	\$ 104,097,732
With Rate Adjustment	Beginning Under/(Over)	Nov-21 (Estimate)	Dec-21 (Estimate)	Jan-22 (Estimate)	Feb-22 (Estimate)	Mar-22 (Estimate)	Apr-22 (Estimate)	Total Peak
Total Gas Costs		\$ 10,217,504	\$ 23,314,898	\$ 23,019,899	\$ 15,880,777	\$ 11,340,443	\$ 10,681,941	\$ 94,455,463
Adjustments and Indirect Costs	\$	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Refunds & Adjustments								
COG Bad Debt		75,107	75,107	75,107	75,107	75,107	75,107	450,643
Inventory Financing		55,945	55,945	55,945	55,945	55,945	55,945	335,667
Transportation Revenue		(1,322)	(1,633)	(1,838)	(1,535)	(1,465)	(1,090)	(8,883)
Broker Revenue		(47)	(624)	(751)	(816)	(757)	(605)	(3,600)
Forecasted Off System and Capacity Release		(278,828)	(281,555)	(281,431)	(280,359)	(277,123)	(277,216)	(1,676,512)
Fixed Price Option Admin.		6,133	6,133	6,133	6,133	6,133	6,133	36,800
Bad Debt Costs		67,640	159,635	157,566	107,477	75,622	36,768	604,708
Working Capital		21,567	51,562	50,887	34,537	24,139	11,456	194,149
Misc Overhead		-	-	-	-	-	-	-
Production & Storage		614,243	614,243	614,243	614,243	614,243	614,243	3,685,458
Total Indirect Costs		\$ 560,438	\$ 678,813	\$ 675,861	\$ 610,732	\$ 571,844	\$ 520,741	\$ 3,618,429
Forecasted firm therm sales 12/01/2021 - 4/30/2021		4,214	5,206	13,068	11,844	4,702	(4,135)	\$ 34,900
Total Gas Costs plus Indirect Costs	\$ (3,447,842)	10,782,156	23,998,918	23,708,828	16,503,354	11,916,989	11,198,548	\$ 94,660,950
Total Forecasted Sales Volumes		12,470,718	18,190,255	20,866,784	16,966,205	15,497,221	9,390,960	93,382,143
Total Forecasted Collections		13,893,145	18,189,318	20,872,858	16,988,268	15,494,189	9,394,800	\$ 94,832,578