

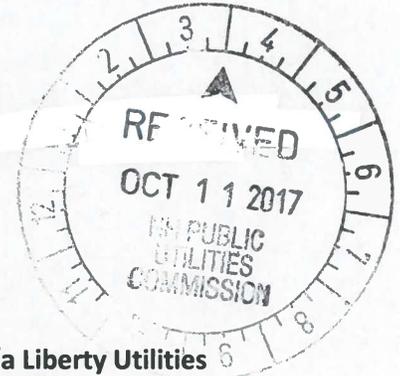


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October 11, 2017

Via ERF and US Mail

Debra A. Howland
Executive Director
New Hampshire Public Utilities Commission
21 S. Fruit Street, Suite 10
Concord, NH 03301-2429



**RE: DG 16-814 Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities
2016-2017 Winter Period Cost of Gas – Reconciliation (Revised Pages)**

Dear Ms. Howland:

On behalf of Liberty Utilities (EnergyNorth Natural Gas) Corp. (the "Company") and in accordance with New Hampshire Public Utilities Commission (the "Commission") Order No. 25,958 dated October 26, 2016, in Docket DG 16-814, I enclose for filing one redacted and one confidential copy of revised Summary Page 4, Summary Page 5 and Schedule 8 within the 2016-2017 Winter Period Cost of Gas reconciliation. These three pages within the original filing included purchased gas volumes rather than delivered gas volumes. The Company has determined that delivered gas volumes more appropriately reflect the intent of these pages. There is no financial impact to the originally filed reconciliation due to these changes.

Please note this report has been filed via the Commission's Electronic Report Filing System.

Thank you for your assistance with this matter. Please do not hesitate to call if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "David B. Simek".

David B. Simek

Enclosures

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LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY UTILITIES
WINTER 2016-2017 COST OF GAS RESULTS
DG 16-840

REDACTED

SUMMARY OF COMMODITY & TRANSPORTATION COSTS FOR PERIOD

	<u>Filing</u>	Average Cost per <u>Therm</u>	<u>Actual</u>	Average Cost per <u>Therm</u>	<u>Difference</u>	
Demand Charges (Brought from Page 3):	\$12,846,070		\$9,945,212		(\$2,900,858)	
<u>TGP Gulf Commodity</u>						
Therms						
Cost						
<u>Dracut Commodity</u>						
Therms						
Cost						
<u>PNGTS Comodity</u>						
Therms						
Cost						
<u>TGP/Iroquois Commodity</u>						
Therms						
Cost						
<u>TGP/Niagara/Union Commodity</u>						
Therms						
Cost						
<u>City Gate Delivered Supply</u>						
Therms						
Cost						
<u>ENGIE/GDF Suez/DOMAC</u>						
Therms						
Cost						
<u>Storage Gas</u>						
Therms						
Cost						
<u>Propane P/S Plant Commodity</u>						
Therms						
Cost						
<u>Propane Tank Farm Commodity</u>						
Therms						
Cost						
<u>LNG P/S Plant Commodity</u>						
Therms						
Cost						
<u>Hedging (Gains) Losses</u>						
<u>Other- Boil Off, LNG, LPG, Berlin OBA</u>						
Therms						
Cost						
Other Costs						
Subtotal:						
Volumes (net of fuel retention)	93,587,847		78,377,670		(11,596,176)	
Cost	\$ 55,346,539	0.5914	\$ 34,030,133	0.4342	\$ (21,316,406)	(0.1572)
Total Demand and Commodity Costs	\$ 68,192,609		\$ 43,975,345		\$ (24,217,264)	
Demand (therms):	93,587,847		78,377,670		(15,210,177)	
Firm Gas Sales	89,920,078		75,280,949		(14,639,129)	
Lost Gas (Unaccounted For)	2,131,106		1,615,875		(515,231)	
Unbilled Therms	1,366,766		1,248,051		(118,715)	
Fuel Retention	-		-		-	
Company Use	169,897		232,795		62,898	
Total Demand	93,587,847		78,377,670		(15,210,177)	

REDACTED

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY UTILITIES
WINTER 2016-2017 COST OF GAS RESULTS
DG 16-840

	(A) <u>Actual</u> <u>Volume</u>	(B) <u>Normal</u> <u>Volume</u>	(C) <u>Actual</u> <u>Rate</u>	(A-B)*C <u>Difference</u>
<u>Weather Variance - Volume Impact</u>				
TGP Gulf				
TGP/Iroquios				
TGP/Niagra				
PNGTS				
Dracut				
City Gate Delivered Supply				
ENGIE/GDF Suez/DOMAC				
Storage Gas				
Propane				
Other				
Total Volume Weather Variance	78,377,670	82,097,585		\$ (983,436)

	(A) <u>Forecast</u> <u>Volume</u>	(B) <u>Actual</u> <u>Volume</u>	(C) <u>Forecast</u> <u>Rate</u>	(B-A)*C <u>Difference</u>
<u>Demand Variance - Commodity Costs</u>				
TGP Gulf				
TGP/Iroquios				
TGP/Niagra				
PNGTS Comodity				
City Gate Delivered Supply				
Dracut				
Storage Gas				
Propane P/S Plant Commodity				
Other				
Total Demand Variance (Less: Fuel Retention)	93,587,847	78,377,670		\$ (24,041,338)

Demand Variance Net of Weather Variance (23,057,902)

	(A) <u>Actual</u> <u>Volume</u>	(B) <u>Forecast</u> <u>Rate</u>	(C) <u>Actual</u> <u>Rate</u>	(C-B)*A <u>Difference</u>
<u>Rate Variance - Commodity Costs</u>				
TGP Gulf				
TGP/Iroquios				
TGP/Niagra				
City Gate Delivered Supply				
Dracut				
ENGIE/GDF Suez/DOMAC				
Storage Gas				
Propane P/S Plant Commodity				
Other				
Total Commodity Cost Rate Variance	78,377,670			\$ (21,357,327)

Demand Charge Variance (from page 3) (2,900,858)

Other Rate Variance (from page 4)
Hedging (Gains)/Losses 0
Cashout, Broker Penalty, Canadian Managed, Prior Period Adjustments (1,890,019)

Total Rate Variance \$ (26,148,205)

Due to Weather Variance (983,436)

Due to Demand Variance (from above) (23,057,902)

Total Gas Cost Variance \$ (50,189,542)

FOR THE MONTH OF	Nov-16			Dec-16			Jan-17			Feb-17			Mar-17			Apr-17			Total		
	Dollar	REC VOL	DEL VOL	Dollar	REC VOL	DEL VOL	Dollar	REC VOL	DEL VOL	Dollar	REC VOL	DEL VOL	Dollar	REC VOL	DEL VOL	Dollar	REC VOL	DEL VOL	Dollar	Del Vol Dth	
TENNESSEE COMMODITY																					
1 Gas Supply Purchases for Sendout																					
Pipeline Transportation/Variable Costs																					
2 TOTAL TENNESSEE																					
3																					
4																					
5																					
6 City Gate Supply																					
7																					
8 Dracut Supply																					
9 Dracut Transportation/Variable Costs																					
10																					
11 PNGTS Supply																					
12 TOTAL PNGTS																					
13																					
14																					
15 TGP/Niagara Supply Purchases																					
16 TGP/Niagara Transport/Variable Costs																					
17 Union/Transcanada Supply Purchases																					
18 Union/Trans/Iro/TGP Transport/Variable Costs																					
19 Union/Trans/Iroquois Transport/Variable Costs																					
20																					
21																					
22 LNG																					
23 Engie																					
24																					
25 LNG Vapor - P/S Plant																					
26 LNG Injections																					
27 Subtotal LNG																					
28																					
29																					
30 Propane																					
31 Off System Sales (EN Propane- Vol = Gal)																					
32 NGL																					
33 Propane Sendout - P/S Plant																					
34 EN Propane - Tank Farm																					
35 Total Propane																					
36																					
37 Storage Injection supply																					
38 Storage Injection transport costs																					
39 Storage Withdrawals																					
40 Storage Withdrawal transport costs																					
41 Boil-off																					
42																					
43 LNG																					
44																					
45 LPG																					
46																					
47 Berlin																					
48																					
49 OBA																					
50																					
51																					
52																					
53																					
54 NET COMMODITY COST	\$2,117,730		922,860	\$7,740,097		1,649,171	\$9,661,958		1,649,634	\$6,677,375		1,345,396	\$5,497,472		1,630,041	\$2,335,502		640,665	\$34,030,133	7,837,767	

REDACTED