

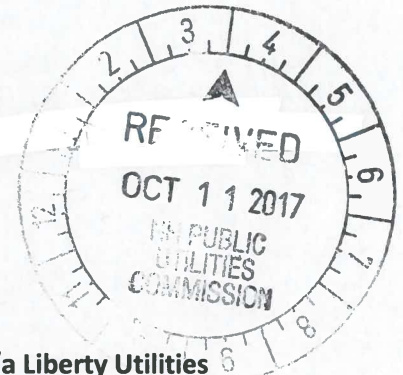


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October 11, 2017

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". The signature is written in a cursive, flowing style.

David B. Simek

Enclosures

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REDACTED

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

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				<u>\$ (50,189,542)</u>

REDACTED

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
TENNESEE COMMODITY																				
Gas Supply Purchases for Sendout																				
Pipeline Transportation/Variable Costs																				
TOTAL TENNESSEE																				
City Gate Supply																				
Dracut Supply																				
Dracut Transportation/Variable Costs																				
PNGTS Supply																				
TOTAL PNGTS																				
TGP/Niagara Supply Purchases																				
TGP/Niagara Transport/Variable Costs																				
Union/Transcanada Supply Purchases																				
Union/Trans/Iro/TGP Transport/Variable Costs																				
Union/Trans/Iroquois Transport/Variable Costs																				
LNG																				
Engie																				
LNG Vapor - P/S Plant																				
LNG Injections																				
Subtotal LNG																				
Propane																				
Off System Sales (EN Propane- Vol = Gal)																				
NGL																				
Propane Sendout - P/S Plant																				
EN Propane - Tank Farm																				
Total Propane																				
Storage Injection supply																				
Storage Injection transport costs																				
Storage Withdrawals																				
Storage Withdrawal transport costs																				
Boil-off																				
LNG																				
LPG																				
Berlin																				
OBA																				
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