

Redacted

ORIGINAL	
N.H.P.U.C. Case No.	DG 14-380
Exhibit No.	#48
Witness	Panel 1 st
DO NOT REMOVE FROM FILE	

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

DG 14-380

Petition for Approval of a Firm Transportation Agreement with the Tennessee Gas Pipeline Company, LLC

Staff Data Requests - Set 2

Date Request Received: 2/5/15
Request No. Staff 2-1

Date of Response: 2/17/15
Respondent: Francisco C. DaFonte

REQUEST:

Please provide an explanation of all variables listed in the Sendout runs presented in attachments 3, 4, and 5.

RESPONSE:

The Company assumes that Staff's request is referring to the SENDOUT® runs provided in Attachments 4, 5 and 6.

All pricing inputs (fixed and variable) are provided in Confidential Attachment Staff-2-1. Pursuant to Puc 203.08, the Company has a good faith basis for seeking confidential treatment of the information contained in Confidential Attachment Staff 2-1, and will file a motion for protective treatment regarding this information prior to the final hearing in this matter. The basis numbers used in the SENDOUT® inputs were derived through analysis performed by the LDC consortium based on various historical and forward looking basis relationships and include assumptions on various projects getting constructed and or expanded including the Constitution Pipeline to Wright, NY and the Millennium Pipeline to Ramapo, NJ.

NED

MDQ =	115,000 Dth
Fuel =	1.05%
Transportation Rate =	0.0811
Rate - Other Variable =	0.0067
Demand Rate (D1)	[REDACTED]
100% Load Factor Rate	[REDACTED] per Dth

C2C

MDQ =	115,000 Dth
Fuel =	3.00%
Transportation Rate =	0.044
Rate - Other Variable =	
Demand Rate (D1)	[REDACTED]
100% Load Factor Rate	[REDACTED] per Dth

Atlantic Bridge

MDQ =	115,000 Dth
Fuel =	0.97% w/1.07% s
Transportation Rate =	0.0212
Rate - Other Variable =	
Demand Rate (D1)	[REDACTED]
100% Load Factor Rate	[REDACTED] per Dth

Concord Lateral

MDQ =	65,000 Dth
Fuel =	0.43%
Transportation Rate =	0.0334
Rate - Other Variable =	0.002
Demand Rate (D1)	[REDACTED]
100% Load Factor Rate	[REDACTED] per Dth

Existing Dracut Capacity

MDQ =	50,000 Dth
Fuel =	0.43%
Transportation Rate =	0.0352
Rate - Other Variable =	
Demand Rate (D1)	\$9.2500 Weighted
100% Load Factor Rate	\$0.304 per Dth

NYMEX Strip as of December 9 2014

Nov 18	\$ 4 218	Jan 22	\$ 5.002
Dec 18	\$ 4 396	Feb 22	\$ 4.978
Jan 19	\$ 4.537	Mar 22	\$ 4.910
Feb 19	\$ 4.515	Apr 22	\$ 4.595
Mar 19	\$ 4.453	May 22	\$ 4.587
Apr 19	\$ 4.188	Jun 22	\$ 4.617
May 19	\$ 4 200	Jul 22	\$ 4.655
Jun 19	\$ 4 228	Aug 22	\$ 4.693
Jul 19	\$ 4 259	Sep 22	\$ 4.699
Aug 19	\$ 4 275	Oct 22	\$ 4.744
Sep 19	\$ 4 269	Nov 22	\$ 4.832
Oct 19	\$ 4 295	Dec 22	\$ 5.022
Nov 19	\$ 4 385	Jan 23	\$ 5.122
Dec 19	\$ 4.570	Feb 23	\$ 5.096
Jan 20	\$ 4.710	Mar 23	\$ 5.021
Feb 20	\$ 4 688	Apr 23	\$ 4.701
Mar 20	\$ 4 626	May 23	\$ 4.689
Apr 20	\$ 4 356	Jun 23	\$ 4.719
May 20	\$ 4 356	Jul 23	\$ 4.760
Jun 20	\$ 4 381	Aug 23	\$ 4.799
Jul 20	\$ 4.409	Sep 23	\$ 4.809
Aug 20	\$ 4.431	Oct 23	\$ 4.861
Sep 20	\$ 4.425	Nov 23	\$ 4.951
Oct 20	\$ 4.453	Dec 23	\$ 5.141
Nov 20	\$ 4.543	Jan 24	\$ 5.236
Dec 20	\$ 4.731	Feb 24	\$ 5.206
Jan 21	\$ 4 851	Mar 24	\$ 5.126
Feb 21	\$ 4 830	Apr 24	\$ 4.766
Mar 21	\$ 4.768	May 24	\$ 4.751
Apr 21	\$ 4.473	Jun 24	\$ 4.783
May 21	\$ 4.473	Jul 24	\$ 4.828
Jun 21	\$ 4.503	Aug 24	\$ 4.870
Jul 21	\$ 4.540	Sep 24	\$ 4.883
Aug 21	\$ 4.570	Oct 24	\$ 4.943
Sep 21	\$ 4.567	Nov 24	\$ 5.033
Oct 21	\$ 4 602	Dec 24	\$ 5.228
Nov 21	\$ 4 692	Jan 25	\$ 5.323
Dec 21	\$ 4 882	Feb 25	\$ 5.288
		Mar 25	\$ 5.203
		Apr 25	\$ 4.818
		May 25	\$ 4.803

BASIS

<u>NED</u>	<u>C2C</u>	<u>Atl Bridge</u>
\$ 0.237	\$ 0.237	\$ (0.149)
\$ 1.177	\$ 1.177	\$ 0.580
\$ 1.648	\$ 1.648	\$ 0.947
\$ 1.299	\$ 1.299	\$ 1.187
\$ 1.059	\$ 1.059	\$ 0.515
\$ (0.559)	\$ (0.559)	\$ (0.575)
\$ (0.800)	\$ (0.800)	\$ (0.816)
\$ (0.739)	\$ (0.739)	\$ (0.755)
\$ (0.572)	\$ (0.572)	\$ (0.588)
\$ (0.712)	\$ (0.712)	\$ (0.727)
\$ (1.172)	\$ (1.172)	\$ (1.187)
\$ (1.124)	\$ (1.124)	\$ (1.140)

Note 1: The monthly Basis is kept constant for each month.

Note 2: Actual NYMEX futures strip used through May 2025. Escalation is 1% thereafter based on prior year's same month, e.g. June 2025 is 1% higher than June 2024.