

<b>ORIGINAL</b>	
N.N.P.U.C. Case No.	DG 14-380
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Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a

DG 14-380

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

Staff 2015-03-17 Tech Session Data Requests

Date Request Received: 3/23/15  
Request No. Staff Tech-46

Date of Response: 4/2/15  
Respondent: Francisco C. DaFonte

**REQUEST:**

Please provide all supporting documentation for the estimated cost of increasing capacity on the Concord lateral provided by Tennessee and answer the following:

- a. Explain how this estimate was derived and whether the Company feels confident that this estimate has not been influenced by Tennessee's preference to build the NED project instead.
- b. Will it be necessary to increase capacity on both the Concord and Hudson laterals should the Company decide to obtain capacity on the Atlantic Bridge or C2C projects?
- c. Will the Company use this same estimate for uprating the Concord and Hudson laterals? If not explain whether and why the Company would request a revised estimate from Tennessee.

**RESPONSE:**

- a. Confidential Attachment Staff Tech-46(a) provides the estimate derived by Tennessee with required facilities and indicative rates for a 50,000 Dth per day expansion and a subsequent request for a 65,000 Dth expansion along with two delivery point options. Confidential Attachment Staff Tech-46(b) is an email communication from Tennessee dated April 22, 2013 which provides an estimate from Tennessee on the cost to expand the Concord Lateral to accommodate a potential LNG liquefaction facility in EnergyNorth's service territory. The Company is confident that the Tennessee estimate is not influenced by its sponsorship of the NED project because the rate quoted by Tennessee almost 2 years ago is consistent with the current estimate to expand the Concord Lateral. Pursuant to Puc 203.08, the Company has a good faith basis for seeking confidential treatment of information in this response. The Company will submit a motion for confidential treatment regarding this information at or before the commencement of the hearing in such proceedings.
- b. Yes. As stated in Confidential Attachment Staff Tech-46(a), the rate estimate from Tennessee is based on the expansion of the Concord Lateral to the Nashua/Hudson

Lateral and then a further expansion of the Nashua/Hudson Lateral itself for the full 65,000 Dth. The Company does not know if there would be additional costs to expand the Concord Lateral downstream of the Nashua/Hudson Lateral.

- c. The Company has used this cost estimate in all of its analysis to date. Should the NED project not get approved, the Company would need to get a more detailed cost estimate to expand the Concord and Nashua/Hudson Laterals.

## Chico DaFonte

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**From:** Mack, Rebecca G (Becky) <Rebecca\_Mack@kindermorgan.com>  
**Sent:** Monday, December 08, 2014 6:01 PM  
**To:** Chico DaFonte  
**Subject:** RE: Concord Lateral Expansion Alternative

**Follow Up Flag:** Flag for follow up  
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Hi Chico,

Mike Stokdyk in System Design looked at the facilities to flow 65,000 Dth/day on the Concord Lateral. He concluded that no additional facilities would be required to flow 15,000 Dth more a day. The indicative rate for 65,000 Dth/day to Nashua would be [REDACTED] and the indicative rate to the new West Nashua delivery point would be [REDACTED]. As I am sure you are aware, here are a few of the drawbacks that you could point out to this approach:

- Delivery pressure is modeled at 580# for the on-system expansion rather than the 1000# or so from the NED model
- Future expandability for service to Nashua will be limited for the on-system as compared to the NED build
  - Does not include spare capacity for serving other load such as growth and potential power generation development
- The on-system option utilizes much more costly Dracut gas supply rather than Wright gas supply

Please let me know if you need additional information.

Thanks,

### Becky Mack

Manager, Business Development  
Office: 713-420-4656  
Cell: 832-405-3135  
Rebecca\_Mack@KinderMorgan.com



Tennessee Gas Pipeline  
Company, L.L.C.  
a Kinder Morgan company

-----Original Message-----

**From:** Chico DaFonte [mailto:Chico.DaFonte@libertyutilities.com]  
**Sent:** Wednesday, December 03, 2014 3:33 PM  
**To:** Mack, Rebecca G (Becky)  
**Subject:** RE: Concord Lateral Expansion Alternative

Becky,

We were hoping to see something sooner but I understand that would be difficult to do while traveling. Whatever you can do is appreciated.

Thanks!

F. Chico DaFonte | Liberty Utilities  
Vice President, Energy Procurement  
P: 603-216-3531 | C: 508-868-2271  
E: chico.dafonte@libertyutilities.com  
15 Buttrick Road, Londonderry, NH 03053

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-----Original Message-----

From: Mack, Rebecca G (Becky) [mailto:Rebecca\_Mack@kindermorgan.com]  
Sent: Wednesday, December 03, 2014 1:57 PM  
To: Chico DaFonte  
Subject: Re: Concord Lateral Expansion Alternative

Hi Chico,

I did have a nice thanksgiving, thank you. We can put together this estimate. I am actually traveling with our System Design Engineer, so it will probably be next week before we can get back with you on this. Will that work for you?

Thanks,

Becky Mack

On Dec 2, 2014, at 4:35 PM, "Chico DaFonte"  
<Chico.DaFonte@libertyutilities.com<mailto:Chico.DaFonte@libertyutilities.com>> wrote:

Hi Becky,

I hope you had an enjoyable Thanksgiving. As we prepare to make our filing with the NH PUC in a couple weeks I realized that we also need a cost estimate for a 65,000 Dth expansion of the Concord lateral so that we can appropriately compare to the 115,000 Dth on the NED project. Could you provide me with a cost estimate similar to what you provided for the 50,000 Dth case below?

Thanks so much!

Regards,

F. Chico DaFonte | Liberty Utilities  
Vice President, Energy Procurement  
P: 603-216-3531 | C: 508-868-2271  
E: chico.dafonte@libertyutilities.com<mailto:chico.dafonte@libertyutilities.com>  
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From: Mack, Rebecca G (Becky) [mailto:Rebecca\_Mack@kindermorgan.com]  
Sent: Thursday, October 02, 2014 4:03 PM  
To: Chico DaFonte  
Cc: Mody, Sital K  
Subject: Concord Lateral Expansion Alternative

Chico,

Per your request, we evaluated an expansion of the Concord lateral for an incremental 50,000 Dth/day. Here are the results for the scenarios we ran:

\* 50,000 Dth/day to the existing Nashua Deliver meter

o Facilities- 7.4 miles of 24" loop on the Concord lateral, 3.65 miles of 12" loop on the Nashua lateral and a meter upgrade

o Indicative rate= [REDACTED]

\* 50,000 Dth/day to a new interconnect in West Nashua (same vicinity of terminus of NED West Nashua lateral)

o Facilities- 7.4 miles of 24" loop on the Concord lateral, 3.65 miles of 12" loop on the Nashua lateral, 10.9 miles of 12" extension from East to West Nashua, and a new meter station

o Indicative rate= [REDACTED]

Please let me know if you have questions or need additional information.

Thanks,

Becky Mack  
Manager, Business Development  
Office: 713-420-4656  
Cell: 832-405-3135  
Rebecca\_Mack@KinderMorgan.com<mailto:Rebecca\_Mack@KinderMorgan.com>  
<image001.jpg>

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CONFIDENTIALITY NOTICE

## Chico DaFonte

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**From:** Mack, Rebecca G (Becky) <Rebecca\_Mack@KinderMorgan.com>  
**Sent:** Monday, April 22, 2013 6:05 PM  
**To:** Chico DaFonte  
**Cc:** Mack, Rebecca G (Becky)  
**Subject:** Londonderry LNG Facility

**Follow Up Flag:** Follow up  
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Chico,  
Per our conversation, below are the rates for an additional 35,000 dth/day on the Concord lateral.

Rate without capex for Granite Ridge Compressor= [REDACTED] dth/day  
Rate including capex for Granite Ridge Compressor= [REDACTED] dth/day

Please note that the estimate is awaiting one last approval from Project Management, but any change to the rate should be minimal. I anticipate the final estimate this week, but I wanted to get the numbers to you so that Londonderry LNG can run their economics. Also, if Granite Ridge or Londonderry LNG decide they do not want to go the route of installing the additional compression at the facility, we additional looping downstream of Pelham would be necessary in order to not degrade pressures. Please let me know if you have questions or need additional information.

Kind Regards,  
**Becky Mack**  
Business Development  
Office: 713-420-4656  
Cell: 832-405-3135  
[Rebecca\\_Mack@KinderMorgan.com](mailto:Rebecca_Mack@KinderMorgan.com)



Tennessee Gas Pipeline  
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