

**From:** [Jeffrey W. Bentz](#)  
**To:** [McCluskey, George](#)  
**Subject:** FW: material following 1/24 mtg  
**Date:** Thursday, March 06, 2014 8:34:14 AM  
**Attachments:** [Gas Infra Alt Proposal Memo Final 01\\_31\\_14.pdf](#)  
[MBO Transmission Memo 01-31-14.pdf](#)  
[Trans only rebundle timeline.docx](#)  
[Timeline T + Supply.docx](#)  
[Gas + T Timelines.docx](#)  
[Current T - Flow from Canada Jan 2014-1.docx](#)  
[T Dev Define.docx](#)  
[path matrix.docx](#)

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George,

I'm sure you found this but came across it today and figured I would send along.  
The doc is path matrix.docx.

Jeff

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**From:** Heather Hunt <[HeatherHunt@NESCOE.com](mailto:HeatherHunt@NESCOE.com)>  
**Date:** Friday, January 31, 2014 5:34 PM  
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**Subject:** material following 1/24 mtg

***Draft Confidential -***

Please find material attached flowing from last Friday's meeting. The two draft RFPs are almost done. Jason will provide them to you early next week.

- 1) **Miller Balis O'Neil memo on alternative gas pipeline proposal (NH/VT).** This is legal analysis of the narrow question presented. ISO is also considering the alternative and will provide its view, which may extend beyond the scope of the narrow legal question. Please have any lawyers on your team with questions or comments be in touch with Jason Marshall anytime next week. Miller Balis will be on the Thursday call to answer questions. (doc label: "Gas Infra Alt....")
- 2) **Miller Balis O'Neil memo on rebundling transmission and generation** (referred to at last meeting)

as deliverability, which means something else). Same on lawyer review - please be in touch with Jason Marshall, and the firm will answer questions Thursday. ISO is also considering this proposed way forward and will offer a view Thursday. (doc label: "MBO\_Transmission...")

3) **Draft RFP timeline under rebundled approach:** For discussion. Schedules can do anything you want them to do within reasonable parameters for market participants and evaluators. (doc label: "trans only...")

4) **Draft RFP timeline for T plus power:** For discussion. Same comment. (doc label: "Timeline T + Supply")

5) **Draft regulatory timeframes for Trans and Gas:** For discussion. Illustrative regulatory path/times for both Trans and Pipe, assuming state interest in establishing common timeframe (gas pipe time extended to line up with transmission timeframe). (doc label: "Gas + T timelines")

6) **Information on Use of Current Ties to Canada during Jan 2014:** Response to request for info about how much current transmission to Canada was used in January, as a representative sample. This was in response to ISO stating that if states wanted to increase some firm low/no carbon power now, that could be done without investing in new transmission. (doc label: "Current T - Flow...") Call Dorothy Capra if talking through the graphs would be helpful.

7) **Transmission Development Definitions/Characteristics:** At the last meeting there was a some cross talk based on terms and definitions. This one pager is a useful reference in case it is helpful. (doc label: "T Dev Define..")

8) **Matrix of potential ways forward on electric side solicitation:** In preparing the RFPs and other docs, we found ourselves talking past each other now and then with regard to what exactly would be procured, how and some implications. This informal and not comprehensive matrix helped us. We thought it might help your thinking and discussions too. (doc label: "path matrix")

Thanks to NESCOE staff for collective efforts to accelerate delivery of these documents. It's a privilege to listen to the team's dialogue, based on their diverse experience, in working to advance the direction you provide.

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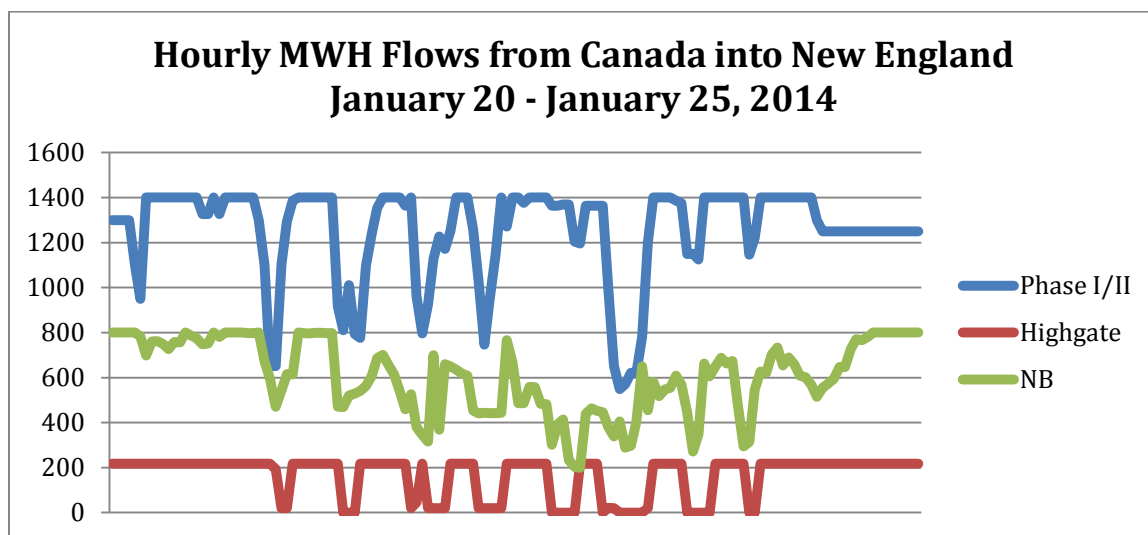
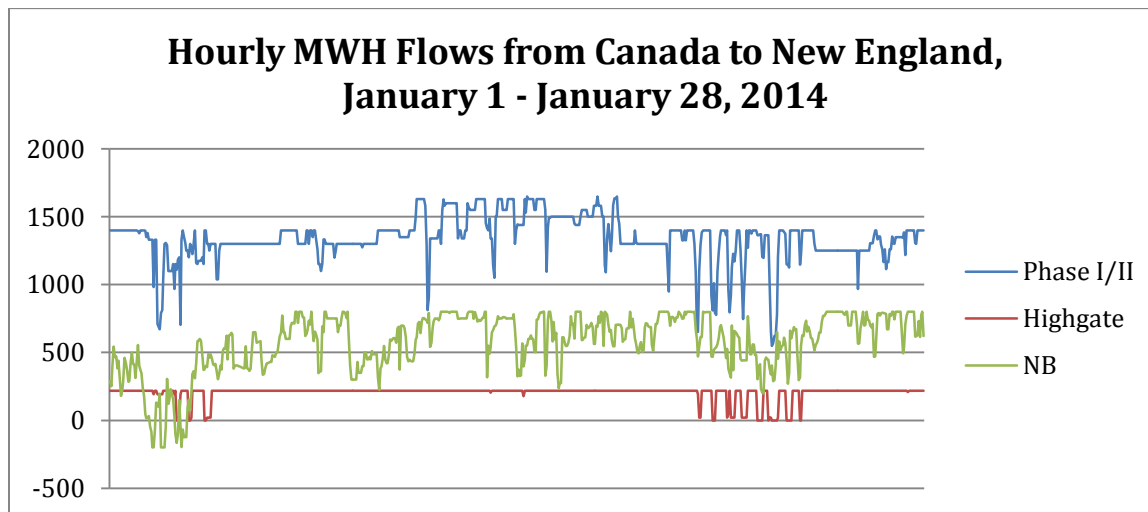
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## CONFIDENTIAL DRAFT FOR DISCUSSION

### Flow from Canada in January 2014

Some recent spot checks on interface flow data led us to look at the entire month to get a better picture of what was flowing into NEPOOL from Canada. The graphs below show real time flow by hour over all three Canadian interfaces: Phase I/II, New Brunswick and Highgate.

The first graph is for the timeframe January 1 – 28. The second expands one portion of the graph to focus on the most recent cold period of January 20-25.



As can be seen, there are times when the lines are not full. Any time Phase I/II falls below 1200, it can be assumed that HQ chose not to send energy to New England. These drops correspond most closely with the times of the morning ramp up and the early evening peak, the two times when the New England System needs the

## **CONFIDENTIAL DRAFT FOR DISCUSSION**

power the most. It is not possible to tell why these flows dropped from the data. It could be that the price in NY was better than New England; it could be that HQ needed the power for its own needs and did not have excess.

Also note the drops on Highgate. The flow on Highgate is from what we understand to be a firm 220 MW contract. NESCOE does not have the terms of that contract and does not know if the flow levels were within the terms but the cuts raise concerns.

Finally, it should be noted that flows from New Brunswick are highly volatile and at the beginning of the month, New England was actually exporting contract to New Brunswick.