



**Northeast
Utilities System**

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James A. Muntz
Senior Vice President-Transmission

Mr. Stephen J. Rourke
Vice President, System Planning
ISO-New England
One Sullivan Road
Holyoke, MA 01040

Dear Steve,

As you are aware, there are over 400 MW of renewable generation projects interested in interconnecting to the northern NH transmission grid. These generators are already in the ISO's generation interconnection queue. Interconnection studies are ongoing based on the LGIA/LGIP process under Schedule 22.

Northeast Utilities has performed scoping transmission studies and general stability studies to determine the level of upgrades that might be required to accommodate the full 400 MW of generation. We believe upgrades that would allow the interconnection of these projects are as follows:

- 230 KV line from PSNH's Littleton substation to a new substation on the W-179 line (Lost Nation to Berlin). Some existing 115 KV lines may need to be relocated to accommodate this 230 KV line.
- New substation (line terminals for W-179 to Lost Nation), W-179 to Pontook, and renewable generators along with the 115 KV terminal of the autotransformer.
- 230/115 KV autotransformer at this new substation

Reconductor the Beebe-Webster (A111 and E115) line.

These PTF upgrades would strengthen the transmission system by adding another network path for power flow out of the local area. We understand that much more study work is required to verify that these upgrades are the most effective to integrate this level of generation into the northern NH transmission system.

Northeast Utilities, with the support of the New Hampshire Public Utilities Commission, believes that upgrading to the transmission system in northern NH to accommodate a level of 400MW or more of renewable generation will provide benefits to the entire New England system in regards to congestion savings, environmental benefits, fuel diversity benefits, and ability to contribute to meeting state-based renewable portfolio standards. Under the ISO New England Open Access Transmission Tariff (OATT), we believe transmission facilities that create these benefits may qualify for regional cost recovery.

This letter requests that ISO undertake detailed system studies to determine the exact facilities required to integrate this level of renewable generation and, then, to make a determination if these transmission upgrades would qualify for regional cost recovery under the OATT (including but not limited to Schedule 11, Attachment K and N).

We look forward to working with the ISO to expeditiously complete the transmission analysis and the cost recovery determination.

Sincerely,

A handwritten signature in black ink, appearing to read "James A. Monty". The signature is written in a cursive style with a large initial "J".

JAM:dsf

c: Chairman Thomas B. Getz