

## SUPPLEMENT TO APPLICATION

The information listed below supplements corresponding sections of Volume I of the Application of Groton Wind, LLC submitted to the New Hampshire Site Evaluation Committee on March 26, 2010.

### **Section C: Site Information**

#### **C. 3. Location of residences, industrial buildings, and other structures and improvements within or adjacent to the site – pp. 6-9.**

(*Note:* This heading was inadvertently omitted from the Application. It is intended to be inserted before the last paragraph that begins at the bottom of page 6 of the Application and carries over onto page 7.)

Please refer to **Volume II, Appendix 1 – List of Landowners in Proximity to Boundaries of Leased Land for Groton Wind** (submitted to the SEC via letter to Chairman Burack dated April 22, 2010.)

#### **C. 4. Identification of wetlands and surface waters of the state within or adjacent to the site – p. 9.**

(*Note:* This heading was inadvertently labeled C.3. in the Application.)

#### **C.5. Identification of natural and other resources at or within or adjacent to the site – p. 9.**

(*Note:* This heading was inadvertently labeled C.4. in the Application.)

#### **C.6. Information related to whether the proposed site and facility will unduly interfere with the orderly development of the region having given due consideration to the views of municipal and regional planning commissions and municipal governing boards – pp. 10-14.**

(*Note:* This heading was inadvertently labeled C.5. in the Application.)

*Insert the following after the first full paragraph on page 10 of the Application:*

Subsequent to the filing of the Application, a number of meetings have been held regarding the Project, including in Rumney, Groton and Plymouth. A revised list of

meetings and community outreach efforts is included with this supplemental filing as Appendix 38. (This revised list updates the list contained in Appendix 4.)

In a letter to SEC Vice Chairman Getz dated April 20, 2010, the Town of Groton Board of Selectmen expressed support for the Groton Wind Project and urged the Site Evaluation Committee to approve the Project. *See* Appendix 39. In that letter, the Select Board stated that the “project has been well received and supported by the vast majority of townspeople expressing an opinion, as well as by the Select Board itself.” *Id.* The Town of Groton Planning Board also expressed its support for the Groton Wind Application and urged the Site Evaluation Committee to approve it after a thorough, careful review. *See* Appendix 40.

**Agreement with Town of Groton – p. 10.**

*Insert the following at the end of this subsection:*

**Agreement with Town of Rumney**

The Applicant has reached an Agreement with the Town of Rumney in principle which addresses site access, emergency services, and related matters. The final, signed agreement will be submitted to the Committee when completed.

**Section D: Other Required Applications and Permits**

**D.2. Documentation that demonstrates compliance with the application requirements of such agencies – p. 15.**

*Insert the following at the end of this subsection:*

The Applicant will not be required to obtain an individual federal wetlands permit, and therefore will not need a Section 401 Water Quality Certification. By letter dated September 3, 2010, the U.S. Army Corps of Engineers has informed the Applicant that it anticipates that the Project will qualify under the New Hampshire State

Programmatic General Wetlands Permit (“pending final concurrence of the Wetland Bureau approval by the NH Energy Facility Site Evaluation Committee.”) See Appendix 41.

### **Section F: Renewable Energy Facility Information**

#### **F.3.(e) Impact on system stability and reliability- pp. 23-24.**

*Insert the following paragraph between the last two paragraphs of this subsection which appear at the top of page 24 of the Application:*

Subsequent to the March 26, 2010 submission of this Application, Public Service Company of New Hampshire (“PSNH”) conducted additional internal studies of the Project interconnecting with their 34.5 kV system. The additional PSNH studies caused PSNH to raise concerns about the Project interconnecting at the 34.5 kV level because of the size of the Project. Accordingly, in early September 2010, Groton Wind re-filed an interconnection application with ISO-NE, proposing an interconnection at the 115 kV voltage level. The proposed interconnection would still be at or in proximity to the Beebe River Substation, but would include voltage step-up facilities to increase the voltage at the point of interconnection from 34.5 kV to 115 kV. This proposal is currently the subject of a Feasibility Study under the direction of ISO-NE. The Project distribution line would remain at the proposed 34.5 kV voltage level until reaching the voltage step-up facilities, which would be located in a separate substation either at or near the Beebe River Substation, or in immediate proximity to the PSNH 115 kV line that feeds into the Beebe River Substation. Groton Wind continues to coordinate with ISO-NE, PSNH, and NHEC to finalize the interconnection.

*The last paragraph in this subsection is revised as follows:*

Once the detailed interconnection study has been fully reviewed, completed and approved by the NEPOOL Reliability Committee, the Project will enter into an interconnection agreement. The interconnection agreement will document all the requirements the Project must follow to be allowed to interconnect with the electrical grid. Only after completion of these requirements to the satisfaction of PSNH, NHEC, ISO-NE and the NEPOOL Reliability Committee will the Project be allowed to interconnect with the grid, thus ensuring the Project will not adversely impact system stability and reliability.

**F.4. Any associated new substations and transmission lines – p. 24.**

*Insert the following at the end of this subsection:*

As a result of the revised interconnection proposal, the Project is expected to need to construct, or pay others to construct, a 34.5/115 kV voltage step-up facility located near to the Beebe River Substation, or in immediate proximity to the PSNH 115 kV line that feeds into the Beebe River Substation from the Ashland Substation. Additional potential facilities include a new PSNH 115 kV ring-bus substation adjacent to the 115 kV line, as well as a short 115 kV line from the voltage step-up facility to the PSNH substation.

**Section G: Electrical Interconnection Line Information – p.37.**

*The third sentence of this section is revised as follows:*

This line will be a dedicated 34.5 kV line that will run from the Project site and then along the existing distribution system of NHEC.

**G.1. Location on U.S. Geological Survey Map – p. 37.**

*Insert the following at the end of this subsection:*

The map depicting the original proposed interconnection route is contained in the Application as Figure 6. The alternative proposed interconnection route is contained in Appendix 42 (Figure 6.a.).

**Section H: Additional Information**

**H.6. A statement of assets and liabilities of the applicant – p. 57.**

*This section is revised to read as follows:*

Please refer to Appendix 38.

**H.7. Documentation that written notification of the proposed project, including appropriate copies of the application, has been given to the governing body of each community in which the facility its proposed to be located**

*This section is revised to read as follows:*

Please see Appendix 23 for a copy of the letter to Groton Town Clerk and Receipt which documents the Town of Groton's receipt of notification of the proposed project and copy of the application. This letter was submitted to the Site Evaluation Committee via cover letter to Chairman Burack dated April 2, 2010.

## **Section I: Potential Effects and Mitigation Plans**

### **I.1. Aesthetics**

#### **I.1.(a) Visual Impact – pp. 59-62.**

*Insert the following paragraph at the top of page 62, prior to the “Mitigation” subsection:*

At the request of Counsel for the Public, EDR conducted an additional visual simulation from the Smith Covered Bridge, which is not an historic structure. This additional visual simulation does not change the conclusions reached by EDR.

#### **I.1.(c) Wind turbine safety lighting – pp. 63-64.**

*Add the following after the last sentence in the carry-over paragraph at the top of page 64:*

An updated FAA Lighting map which uses the FAA requirements included in the final FAA approvals is contained in Appendix 43 (Revised Figure 9).

### **I.4. Water quality**

#### **I.4.(a) Surface water quality – pp. 67-70.**

**Study & mitigation – p. 67-70.**

*Add the following at the end of this subsection:*

In addition, the Applicant will follow Best Management Practices (“BMPs”) for blasting as outlined in Project Specific Conditions, in particular Condition 22, of the NHDES Alteration of Terrain Final Approval letter dated October 8, 2010.

See Appendix 51. Blasting operations will also comply with NHDES BMPs for Groundwater Protection set forth in NHDES Rule Env-Wq 401. Also, the Applicant will follow NHDES Best Management Practice for fueling and maintenance of excavation and earthmoving equipment which will be incorporated in the Stormwater Pollution Prevention Plan to be developed by the contractor.

**I.4.(d) Mitigation plans – p. 73.**

*Insert the following at the end of this subsection:*

The Applicant's original compensatory mitigation plan has been revised by adding a payment of \$150,000 by the Applicant to the New Hampshire Aquatic Resource Mitigation Fund. More detailed information about the mitigation plan is contained in Appendix 44, a memorandum dated July 28, 2010 from the Applicant's consultants, Vanasse Hangen Brustlin, Inc. to representatives of the U.S. Environmental Protection Agency, U.S. Army Corps of Engineers and N.H. DES.

**I.5. Natural Environment**

**I.5.(a) Plants and trees – pp. 73-74.**

*Insert the following at the end of this subsection:*

Staff of the New Hampshire Natural Heritage Bureau ("NH NHB") visited the Project site on July 29, 2010. Based on their observations during that site visit, NH NHB has determined that it is unlikely that the Project will impact rare plants species or exemplary natural communities. See Appendix 45.

**I.5. Wildlife – pp. 74- 81.**

**1.5.(b)i Birds – p. 74.**

*Insert the following at the beginning of this subsection:*

A Phase I Avian Risk Assessment for the Project was conducted by Curry & Kerlinger, LLC in June 2008. It is contained in Appendix 46.

**Peregrine use – p. 77.**

*The second sentence in this subsection is revised to read as follows:*

Stantec enhanced its study design and, in June 2009, in collaboration with New Hampshire Audubon, developed a “Proposed Work Plan” for peregrine falcon surveys. See Appendix 47. Those surveys were conducted by Stantec collaboratively with New Hampshire Audubon.

**1.5.(b)ii Bats**

*The third sentence in this subsection is revised to read as follows:*

During the spring and summer of 2010, Stantec conducted an additional acoustic bat survey at the Project site. A report of this survey is contained in Appendix 48.

**I.6.(f) Aviation safety – p. 84.**

*Insert the following after the first paragraph in this subsection:*



The FAA has issued "Determinations of No Hazard to Air Navigation" for each of the proposed wind turbines. These determinations are contained in Appendix 49.

**I.6.(g) Noise – pp. 85-86.**

*Insert the following at the end of this subsection:*

Additional ambient sound monitoring at 4 locations agreed upon by Counsel for the Public's contractor and Epsilon Associates (the Applicant's sound expert) commenced October 4, 2010 and are expected to conclude after the filing of this Supplement to the Application. The first of these locations is Baker River Campground, which is owned by intervenor Cheryl Lewis. The other three locations were previously monitored for sound by the Applicant during the summer of 2009. The purpose of the October 2010 study is to compare results of a fall study with a summer study.

**I.6.(h) Mitigation- p. 86.**

**Agreement with Town of Groton – p. 86.**

*Insert the following at the end of this subsection:*

**Agreement with Town of Rumney**

The Applicant has also reached an agreement in principle with the Town of Rumney on similar issues. This agreement will be submitted to the Committee once it has been signed.

