

**THE STATE OF NEW HAMPSHIRE
BEFORE THE
SITE EVALUATION COMMITTEE**

DOCKET NO. 2010-01

**APPLICATION OF GROTON WIND, LLC
FOR A CERTIFICATE OF SITE AND FACILITY**

**SECOND SUPPLEMENTAL PREFILED TESTIMONY OF
EDWARD CHERIAN
ON BEHALF OF
GROTON WIND, LLC**

November 19, 2010

1 **Qualifications**

2 **Q. Please state your name and business address.**

3 A. My name is Edward Cherian. My business address is P.O. Box 326, Concord,
4 New Hampshire, 03302.

5 **Q. Who is your current employer and what are your responsibilities?**

6 A. I am employed by Iberdrola Renewables, Inc. ("IBR".) I currently hold the
7 position of New England Development Director. I am responsible for directing all
8 development activities for the Groton Wind Project which is the subject of this docket.

9 **Q. Please summarize your background and qualifications.**

10 A. My background and qualifications were included in my direct prefiled
11 testimony filed with the Application on March 26, 2010 and have not changed since then.

12 **Purpose of Testimony**

13 **Q. What is the purpose of this second supplemental testimony?**

1 A. The purpose of my testimony is to provide the Committee with additional
2 information about the alternative overhead power line that will run on private land from
3 the Project site to Route 25, to augment my testimony presented at the hearing held
4 November 1, 2010.

5 **Description of Alternative Overhead Power Line**

6 **Q. Please describe the location and components of the above-referenced**
7 **alternative overhead power line.**

8 A. The alternative route is comprised of approximately 37 poles, 10 to 12 of
9 which would be located on the existing leased premises, including in and around the
10 Project Operations & Maintenance Building. The remaining approximately 25 poles
11 would be located along easements on private property. The poles would carry a total of
12 six conductors on two davit arms (three on each), and would range in height from 34 to
13 42 feet above existing ground level. The taller poles would typically be located at angle
14 points in the line. The line has been sited to follow existing logging roads/skid trails
15 where possible, and will include multiple angles and shifts in orientation. Although the
16 forest being traversed by the line has been logged and used as a skidder trail and ATV
17 trail, the area is heavily forested, with tree height averaging approximately 60 feet on and
18 adjacent to the proposed easement. The easement clearing width would be approximately
19 35 feet. The existing skidder trail varies in cleared width between approximately 10 feet
20 and 25 feet. No permanent access roads or other man-made features, beyond the wood
21 poles, are proposed on the line route.

1 **Q. Why is the Applicant including the alternative overhead power line in its**
2 **plans for the Groton Wind project?**

3 A. The purpose of the alternative route is to respond to concerns expressed by a
4 few residents of Groton Hollow Road, and to respond to concerns expressed by the New
5 Hampshire Electric Cooperative (“NHEC”) regarding their lack of complete
6 documentation for easements and licenses for the existing poles and anchors installed
7 along Groton Hollow Road. The NHEC recommended seeking easements across private
8 property instead of routing the line along Groton Hollow Road, made initial inquiries of
9 nearby landowners, and passed that landowner information to us.

10 **Q. Please compare the length of the route of the alternative overhead power**
11 **line with that of the originally proposed route down Groton Hollow Road.**

12 A. The originally proposed route along Groton Hollow Road is approximately
13 2.51 miles. The alternative line route from the Project to Route 25 is approximately 1.24
14 miles. This length includes poles on the site in areas (including the access road and O &
15 M building) which were already evaluated for the original March 26, 2010 Application.
16 The length of the alternative line within the new easement area is 1.06 miles. The
17 alternative line route reduces the length of the overhead line to Route 25 by nearly 1.5
18 miles.

19 **Q. Is there any additional information about this alternative line that you**
20 **would like to provide to the Site Evaluation Committee?**

1 A. The alternative line route is beneficial as it reduces Project effects, both by
2 utilizing a shorter route and by avoiding Groton Hollow Road, and is responsive to the
3 concerns of interested parties in the Town of Rumney.

4 **Q. Does this conclude your testimony?**

5 A. Yes.

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