

# STATE OF NEW HAMPSHIRE

## Inter-Department Communication

**DATE:** July 5, 2012

**AT (OFFICE):** NHPUC

**FROM:** Barbara Bernstein *BB*  
Sustainable Energy Analyst

**SUBJECT:** **DE 12-140**, Brookfield Energy Marketing Inc.'s Granite Reliable Power LLC Application for Class I Certification for New Hampshire Renewable Energy Certificates Pursuant to RSA 362-F for the Granite Reliable Wind Project.

**Staff Recommends that Eligibility be Granted.**

**TO:** Amy L. Ignatius, Chairman  
Commissioner Robert R. Scott  
Commissioner Michael Harrington  
Debra A. Howland, Executive Director and Secretary

**CC:** Jack K. Ruderman, Director of the Sustainable Energy Division  
Suzanne Amidon, Staff Attorney



### *Summary*

Staff has reviewed the application for Granite Reliable Power LLC's<sup>1</sup> Granite Reliable Wind Project and has determined that it meets the eligibility requirements under RSA 362-F:4, as a Class I facility with a nameplate capacity of 99.0 megawatts (MW) of electricity and complies with the New Hampshire Code of Administrative Rules Puc 2505.02. Staff recommends Commission approval for the Granite Reliable Wind Project as eligible for Class I Renewable Energy Certificates (RECs) effective May 25, 2012.

### *Analysis*

On May 25, 2012, the PUC received an application from Granite Reliable Power LLC requesting that the Granite Reliable Wind Project's production be granted eligibility as a Class I facility pursuant to RSA 362-F, New Hampshire's Renewable Portfolio Standard law. Staff has determined the application was complete in the initial filing received May 25, 2012.

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<sup>1</sup> Granite Reliable Power LLC is a subsidiary of Brookfield Energy Marketing, Inc.

To qualify the Granite Reliable Wind Project's (Granite Reliable Wind) electrical production as eligible to acquire renewable energy certificates (RECs), Puc 2505.02 (b) requires the source to demonstrate its eligibility by completing the following:

- 1.) *The name and address of the applicant:* The applicant is Granite Reliable Power LLC, 480 de la Cite Blvd, Gatineau, Quebec, J8T 8R3.
- 2.) *The name and location of the facility:* The name of the facility is the Granite Reliable Wind Project. The facility is located at 1281 Dummer Pond Road, Dummer, NH.
- 3.) *The ISO-New England asset identification number (if available).* The ISO-New England asset identification number is ISO-NE# 14595.
- 4.) *The GIS facility code if available.* The NEPOOL GIS facility code has been verified as MSS14595.
- 5.) *A description of the facility including fuel type, gross nameplate generation capacity, the initial commercial operation date, and the date it began operation, if different.* Granite Reliable Wind is a 99.0 MW wind facility comprised of thirty-three (33), 3.0 MW Vestas V90 turbines; the facility began commercial operation February 15, 2012.
- 6.) *(N/A – pertains to biomass sources).*
- 7.) *All other necessary regulatory approvals, including any reviews, approvals or permits granted by the department.* Granite Reliable Wind provided copies of the following approvals:
  - a. U.S. Army Corps of Engineers (ACOE) 404 Permit # NAE-2008-0410;
  - b. NH Site Evaluation Certificate;
  - c. EPA NPDES Construction General Permit for Stormwater Management; and,
  - d. Wildlife permits for both the U.S. Fish and Wildlife Service and the New Hampshire Department of Fish and Game.
- 8.) *Proof that the applicant either has an approved interconnection study on file with the commission, is a party to a currently effective interconnection agreement, or is otherwise not required to undertake an interconnection study.* The applicant provided the Standard Large Generator Interconnection Agreement by and Among ISO New England, Inc., and Granite Reliable Power LLC, and Public Service Company of New Hampshire effective May 6, 2010.<sup>2</sup>
- 9.) *(N/A – pertains to biomass sources).*
- 10.) *A description of how the generation facility is connected to the distribution utility.* The power generated by the turbines will be routed via the collection line to a new substation located in the Town of Dummer. The power will then be transported to

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<sup>2</sup> This document contains critical energy infrastructure information and has been deemed confidential.

a point of connection with an existing Public Service Company of New Hampshire transmission line.

- 11.) *A statement as to whether the facility has been certified under another non-federal jurisdiction's renewable portfolio standard and proof thereof.* Granite Reliable Wind has met the requirements for Class I certification as a new renewable resource from the Commonwealth of Massachusetts.
- 12.) *A statement as to whether the facility's output has been verified by ISO New England.* The Standard Large Generator Interconnection Agreement by and Among ISO New England, Inc., and Granite Reliable Power, LLA, and Public Service Company of New Hampshire indicates that the facility's output has been verified by ISO New England.
- 13.) *A description of how the facility's output is reported to the GIS if not verified by ISO New England.* The GIS has verified the facility's output.
- 14.) *An affidavit by the owner attesting to the accuracy of the contents of the application.* An affidavit signed by Brian Stetson, General Manager, New England Region, Granite Reliable Power LLC was provided with the application.
- 15.) *The name and telephone number of the facility's operator, if different from the owner.* The owner and the operator are the same.
- 16.) *Such other information as the applicant wishes to provide to assist in classification of the generating facility.* Granite Reliable Power provided the Commission with copious information in their application for RECs.

### ***Recommendation***

Staff has reviewed Granite Reliable Power's application for certification of the 99 MW of electrical production generated by the Granite Reliable Wind Project and can affirm it is complete pursuant to N. H. Code Admin. Rule Puc 2500. Staff recommends that the Commission certify the Granite Reliable Wind facility as being eligible for Class I RECs effective May 25, 2012 the date on which Staff was able to make a determination that the facility met the requirements for certification as a Class I renewable energy source.