

# STATE OF NEW HAMPSHIRE

## Inter-Department Communication

**DATE:** June 10, 2014  
**AT (OFFICE):** NHPUC

**FROM:** Barbara Bernstein   
Sustainable Energy Analyst

NHPUC 13JUN14AM10:59

**SUBJECT:** DE 13-325, Energetic Enterprises, Inc. Application for  
Certification as a REC Eligible Facility-Baltic Mill Enterprises  
Staff Recommends that Eligibility be Granted

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

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

### *Summary*

On November 21, 2013, the Commission received an application filed by Energetic Enterprises, Inc. (Energetic Enterprises) for the Baltic Mill Enterprises 0.375 megawatt Hydroelectric Project (Baltic Mill) in Enfield, New Hampshire. Energetic Enterprises is requesting Class IV New Hampshire Renewable Energy Certificate (REC) eligibility for Baltic Mill. On December 27, 2013, Staff sent Energetic Enterprises a letter requesting additional information; a response to Staff's letter was received on May 13, 2014.

Staff has reviewed the Energetic Enterprises' certification request for the Baltic Mill project and has determined that it meets the eligibility requirements as a Class IV hydroelectric facility and complies with the New Hampshire Code of Administrative Rules Puc 2500. Based on review of the application, Staff recommends that the Commission certify the Baltic Mill facility as eligible for Class IV RECs, effective as of May 13, 2014, the date all information was received to complete the application.

### *Analysis*

Pursuant to RSA 362-F:4, IV, existing small hydroelectric facilities of one megawatt or less may apply for Class IV RECs if they are in compliance with applicable Federal Energy Regulatory Commission (FERC) fish passage restoration requirements and are interconnected with an electric distribution system located in New Hampshire.

To qualify as a facility eligible to produce RECs, Puc 2505.02 (b) requires the source to provide the following:

- 1) *The name and address of the applicant.* The application was filed by Tim Taylor, President, Energetic Enterprises, Inc., 80 Baltic Street, Enfield, NH 03748.
- 2) *The name and location of the facility.* Baltic Mill is located at 80 Baltic Street, Enfield, NH 03748.
- 3) *The ISO-New England asset identification number (if available).* The facility's ISO New England asset identification number is 951.
- 4) *The GIS facility code if available.* The NEPOOL-GIS facility code has been verified as MSS 951.
- 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.*  
The Baltic Mill facility is located on the Mascoma River in the Town of Enfield, New Hampshire. The Baltic Mill project consists of a 120-foot long concrete dam. The project has two generation units located in an old textile mill, waste gates, flashboards and other appurtenances. The mill has been in almost continuous operation since 1886. The facility utilizes two original hydroelectric Francis turbines; one rated at 0.075 MW and the other at 0.300 MW, for a combined capacity of 0.375 MW. The watershed drains about 131 square miles, and has 20 feet of head. The original mill burned in 1899 and was immediately rebuilt and continued to produce woolen goods through the 1970s.
- 6) *(N/A – pertains to biomass sources).*
- 7) *All other necessary regulatory approvals, including any reviews, approvals or permits granted by the department.* The Baltic Mill facility was built prior to enactment of the Federal Power Act and has been in near continuous operation since its construction, thereby relieving it from the obligation to obtain a license or exemption from the Federal Energy Regulatory Commission (FERC). Energetic Enterprises provided three documents from the N.H. Department of Environmental Services (DES):
  - a. A N.H. Water Resources Board Inventory of Dams and Water Power Developments, microfilmed March 12, 1985;
  - b. A N.H. Water Control Commission Data on Water Power Developments in N.H., dated November 29, 1938; and,
  - c. A letter from James W. Gallagher, Jr., P.E., Administrator of the DES Dam Bureau, stating that Baltic Mills is a permitted and registered dam that is currently in compliance with the Dam Bureau's rules and regulations.
- 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.* A copy of the interconnection agreement between Granite State Electric Company and Energetic

Enterprises dated as of December 16, 1988, as assigned to New England Power Company on or about June 28, 2012, was provided with the application.

9) *(N/A – pertains to biomass sources).*

10) *A description of how the generation facility is connected to the distribution utility.*

There are three pole-mounted transformers and a short transmission line connecting the transformers to a 13.2 kV distribution line operated by Liberty Utilities, successor to Granite State Electric Company.

11) *A statement as to whether the facility has been certified under another non-federal jurisdiction's renewable portfolio standard and proof thereof.* Baltic Mill is not currently certified under another non-federal jurisdiction's renewable portfolio standard.

12) *A statement as to whether the facility's output has been verified by ISO New England.*

The Baltic Mill facility's output has been verified by ISO New England and the facility is listed in the NEPOOL-GIS database.

13) *A description of how the facility's output is reported to the GIS if not verified by ISO-New England.* Not applicable.

14) *An affidavit by the owner attesting to the accuracy of the contents of the application.*

An affidavit signed by Tim Taylor, President of Energetic Enterprises, Inc., was provided with the application.

15) *The name and telephone number of the facility's operator, if different from the owner.* The facility owner and operator are one and the same.

16) *Such other information as the applicant wishes to provide to assist in classification of the generating facility.* All information required to complete the application was provided.

### ***Recommendation***

Staff has reviewed the Baltic Mill application for Class IV REC certification and can affirm it is complete pursuant to New Hampshire Code of Administrative Rules Puc 2500. Staff recommends that the Commission certify Baltic Mill as a Class IV renewable energy source, effective as of May 13, 2014.

**SERVICE LIST - EMAIL ADDRESSES - DOCKET RELATED**

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Pursuant to N.H. Admin Rule Puc 203.11 (a) (1): Serve an electronic copy on each person identified on the service list.

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**FILING INSTRUCTIONS:**

- a) Pursuant to N.H. Admin Rule Puc 203.02 (a), with the exception of Discovery, file 7 copies, as well as an electronic copy, of all documents including cover letter with:

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EXECUTIVE DIRECTOR  
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- b) Serve an electronic copy with each person identified on the Commission's service list and with the Office of Consumer Advocate.
- c) Serve a written copy on each person on the service list not able to receive electronic mail.