

# STATE OF NEW HAMPSHIRE

## Inter-Department Communication

DATE: August 28, 2012

AT (OFFICE): NHPUC

**FROM:** Barbara Bernstein   
Sustainable Energy Analyst

**SUBJECT:** **DE 12-240**, Ampersand Energy Partners LLC's Eligibility Request for the American Hydro, Inc. – Peterborough Lower Project to Produce Class IV New Hampshire Renewable Energy Certificates (RECs) Pursuant to RSA 362-F and Laws of 2012, Chapter 272  
**Staff Recommends that Eligibility be Granted**

**TO:** Chairman Amy L. Ignatius  
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*

On July 27, 2012, Ampersand Energy Partners LLC (Ampersand Energy Partners) submitted an application requesting Class IV certification for the American Hydro, Inc. (American Hydro) – Peterborough Lower Project pursuant to RSA 362-F, New Hampshire's Renewable Portfolio Standard law and Laws of 2012, Chapter 272. Staff has reviewed the certification request for the Peterborough Lower Project's .280 megawatts (MW) of electrical production and has determined that it meets the eligibility requirements under RSA 362-F:4, as a Class IV hydro facility and complies with the New Hampshire Code of Administrative Rules Puc 2500. Staff has determined that the application was complete as submitted and recommends Commission approval for the Peterborough Upper Project as a Class IV renewable energy source effective July 27, 2012.

### *Analysis*

Pursuant to Laws of 2012, Chapter 272, Class IV existing small hydroelectric facilities of one megawatt or less may apply for RECs if they are in compliance with applicable Federal Energy Regulatory Commission (FERC) fish passage restoration requirements and interconnected with an electric distribution system located in New

Hampshire.<sup>1</sup> 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 Ampersand Energy Partners – American Hydro, 717 Atlantic Avenue, Suite 1A, Boston, MA 02111.
- 2) *The ISO-New England asset identification number (if available).* The facility's asset identification number is 926.
- 3) *The GIS facility code if available.* The NEPOOL GIS facility code has been verified as MSS 926.
- 4) *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 Peterborough Lower Project includes the Union Street Dam, a concrete intake structure, a penstock, powerhouse and other appurtenances. The gross nameplate capacity is .280 MW of electricity. The project began commercial operation January 01, 1990.
- 5) *(N/A – pertains to biomass sources).*
- 6) *All other necessary regulatory approvals, including any reviews, approvals or permits granted by the department.* An Order Issuing License (FERC Project Number 7410-000) was provided for Peterborough Lower Project.
- 7) *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 Public Service Company of New Hampshire (PSNH) and American Hydro dated February 19, 1988 was provided.
- 8) *(N/A – pertains to biomass sources).*
- 9) *A description of how the generation facility is connected to the distribution utility.* The Peterborough Lower Project is interconnected with the PSNH electric distribution system.
- 10) *A statement as to whether the facility has been certified under another non-federal jurisdiction's renewable portfolio standard and proof thereof.* The Peterborough Lower Project is not currently certified as a renewable energy resource in any non-federal jurisdiction's renewable portfolio standard.

---

<sup>1</sup> On July 19, 2012, the Commission issued Order No. 25,394 which waives the requirements of Puc 2502.10 insofar as the requirements conflict with the certification of the new category of hydroelectric facilities created by the enactment of Chapter 272.

- 11) *A statement as to whether the facility's output has been verified by ISO New England.*  
The facility's output has been verified by ISO New England and the facility is listed in the GIS database.
- 12) *A description of how the facility's output is reported to the GIS if not verified by ISO-New England.* Not applicable.
- 13) *An affidavit by the owner attesting to the accuracy of the contents of the application.*  
An affidavit signed by Jingdong Huang, Project Manager, American Hydro, was provided with the application.
- 14) *The name and telephone number of the facility's operator, if different from the owner.* The facility operator is Tony Nichols; his telephone number is 603-562-6307.
- 15) *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 Peterborough Lower Project application for Class IV certification and can affirm it is complete pursuant to New Hampshire Code of Administrative Rules Puc 2500. Staff recommends that the Commission certify the Peterborough Lower Project as a Class IV renewable energy source effective July 27, 2012.