

STATE OF NEW HAMPSHIRE

Inter-Department Communication

DATE: January 11, 2013

AT (OFFICE): NHPUC

FROM: Barbara Bernstein
Sustainable Energy Analyst

SUBJECT: **DE 12-361**, White Mountain Hydroelectric Corporation's Eligibility Request for the White Mountain Hydroelectric – Littleton Station Facility 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 December 20, 2012, White Mountain Hydroelectric Corporation (White Mountain Hydro Corp.) submitted an application requesting Class IV certification for the White Mountain Hydroelectric – Littleton Station (White Mountain Hydro - Littleton) facility pursuant to RSA 362-F, New Hampshire's Renewable Portfolio Standard law and Laws of 2012, Chapter 272. Staff has reviewed the White Mountain Hydro Corp. certification request for White Mountain Hydro - Littleton's .426 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 White Mountain Hydro - Littleton as a Class IV renewable energy source effective December 20, 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. 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 White Mountain Hydroelectric Corp., PO Box 715, Lincoln, NH 03251.
- 2) *The name and location of the facility:* White Mountain Hydro – Littleton is located on the Ammonoosuc River in Grafton County, NH.
- 3) *The ISO-New England asset identification number (if available).* The facility’s asset identification number is 35903.
- 4) *The GIS facility code if available.* The NEPOOL GIS facility code has been verified as NON 35903.
- 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.*
White Mountain Hydro – Littleton is operated as a run-of-river facility that includes a 227.8-foot long and 20-foot high dam, flashboards across the spillway, slide gates, a penstock, a powerhouse, and other appurtenances. The gross nameplate capacity generation is .426 MW of electricity. The project began commercial operation September 01, 1986.
- 6) *(N/A – pertains to biomass sources).*
- 7) *All other necessary regulatory approvals, including any reviews, approvals or permits granted by the department.* An Order Issuing License (FERC Project Number 11313) was provided for White Mountain Hydro – Littleton, therefore, the facility is in compliance with applicable Federal Energy Regulatory Commission (FERC) requirements including those related to fish passage restoration.
- 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 Site Interconnection Report listing the facility’s owner as White Mountain Hydro Electric Corp. dated October 25, 2012 was provided. The facility is utility-connected to the Town of Littleton, Littleton Water and Light Department.
- 9) *(N/A – pertains to biomass sources).*
- 10) *A description of how the generation facility is connected to the distribution utility.*
White Mountain Hydro – Littleton is interconnected with the PSNH electric distribution system.
- 11) *A statement as to whether the facility has been certified under another non-federal jurisdiction’s renewable portfolio standard and proof thereof.* White Mountain Hydro – Littleton is not currently certified as a renewable energy resource in any 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 facility's output has been verified by ISO New England and the facility is listed in the 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 Peter F. Govoni, Treasurer, White Mountain Hydro Corp. was provided with the application.
- 15) *The name and telephone number of the facility's operator, if different from the owner.* The facility operator is Thomas Clark; his telephone number is 603-745-3074.
- 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 White Mountain Hydro – Littleton 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 White Mountain Hydro - Littleton as a Class IV renewable energy source effective November 20, 2012.