


STATE OF NEW HAMPSHIRE

Inter-Department Communication

DATE: July 14, 2014


AT (OFFICE): NHPUC

NHPUC 14 JUL 14 PM 12:31

FROM: Barbara Bernstein 
Sustainable Energy Analyst

SUBJECT: DE 14-156, HDI Associates I - Lochmere Generating Station,
Application for Certification as a REC Eligible Facility
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 June 9, 2014, Eagle Creek Renewable Energy (Eagle Creek) submitted an application on behalf of HDI Associates I requesting Class IV certification for the Lochmere Hydroelectric (Lochmere Hydro) project. Staff has reviewed the Eagle Creek certification request for Lochmere Hydro's 1.0 megawatt (MW) facility and has determined that it meets Class IV hydro eligibility requirements.¹ Staff has determined that the application was complete as submitted and recommends Commission approval for Lochmere Hydro as a Class IV renewable resource, effective as of June 9, 2014.

Analysis

Pursuant to RSA 362-F:4, 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 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 address listed for the applicant is HDI Associates I, c/o Eagle Creek Renewable Energy, 116 State Street, Neshkoro, WI. The Lochmere Hydro project dam is owned by the State of New Hampshire, Department of Environmental Services (DES), and is leased, for purposes of hydro

¹ Pursuant to RSA 362-F:4 and New Hampshire Code of Administrative Rules Puc 2500.

power generation to HDI Associates I. Eagle Creek Renewable Energy is located at 65 Madison Avenue, Suite 500, Morristown, NJ 07960.

- 2) *The name and location of the facility.* The address provided for Lochmere Hydro is Silver Lake Road, Lochmere, NH 03252. The Lochmere Hydro project is located on the Winnepesaukee River near the community of Lochmere, in the towns of Tilton and Belmont in Belknap County, New Hampshire.
- 3) *The ISO-New England asset identification number (if available).* The ISO-NE asset identification number is 904.
- 4) *The GIS facility code if available.* The NEPOOL GIS facility code has been verified as MSS904.
- 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 Lochmere Hydro project consists of a 160-foot long and 11-foot high dam; a reservoir with negligible storage capacity; a gate structure at the western side of the dam; a 366-foot long canal; a powerhouse with four turbine generators with a total capacity of 1.0 MW; a tailrace and other appurtenances. The project began commercial operation in 1986.
- 6) *(N/A – pertains to biomass sources).*
- 7) *All other necessary regulatory approvals, including any reviews, approvals or permits granted by the department.* A FERC Order Granting Exemption from Licensing of a Small Hydroelectric Project of 5 Megawatts or Less (Project #3128-003), exempting Lochmere Hydro from FERC licensing, was issued on March 15, 1984; therefore, the project is in compliance with applicable 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 first page and signature pages of the Operating Agreement for Purposes of Wheeling and Power Sales, dated June 1, 2003, between Public Service Company of New Hampshire (PSNH) and HDI Associates I, 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.* Lochmere Hydro 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.* The Lochmere Hydro

project 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 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 Bernard H. Cherry, Chief Executive Officer, Eagle Creek Renewable Energy, was provided with the application.
- 15) *The name and telephone number of the facility's operator, if different from the owner.* The 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 Lochmere Hydro 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 Lochmere Hydro as a Class IV renewable energy source, effective as of June 9, 2014.

SERVICE LIST - EMAIL ADDRESSES - DOCKET RELATED

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:**
- DEBRA A HOWLAND
EXECUTIVE DIRECTOR
NHPUC
21 S. FRUIT ST, SUITE 10
CONCORD NH 03301-2429
- 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.**