

STATE OF NEW HAMPSHIRE

Inter-Department Communication

DATE: July 26, 2012
AT (OFFICE): NHPUC

FROM: Barbara Bernstein *BB*
Sustainable Energy Analyst

SUBJECT: **DE 12-197**, Enel Green Power North America, Inc.'s Eligibility Request for the Consolidated Hydro New Hampshire, Inc., Kelley's Falls Hydroelectric Project to Produce Class IV New Hampshire Renewable Energy Certificates (RECs) Pursuant to RSA 362-F and Laws of 2012, Chapter 0272
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 *JR*
Suzanne Amidon, Staff Attorney

Summary

On July 09, 2012, Enel Green Power North America, Inc. (Enel Green Power) submitted an application requesting Class IV certification for the Consolidated Hydro New Hampshire, Inc. (Consolidated Hydro), Kelley's Falls Hydroelectric (Kelley's Falls Hydro) project pursuant to RSA 362-F, New Hampshire's Renewable Portfolio Standard law and Laws of 2012, Chapter 0272. Staff has reviewed the Enel Green Power certification request for Kelley's Falls Hydro's 500 kilowatts (kW) of electrical production and has determined that it meets the eligibility requirements under RSA 362-F:4, as a Class IV hydroelectric 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 Kelley's Falls Hydro as a Class IV renewable energy source effective July 09, 2012.

Analysis

Pursuant to Laws of 2012, Chapter 0272, 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.¹ 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 applicant is Enel Green Power North America, Inc., One Tech Drive, Suite 220, Andover, Massachusetts, 01810.
- 2) *The name and location of the facility:* Kelley's Falls Hydro is located on the Piscataquog River in Manchester, NH. It is situated almost under the Biron Bridge a short distance from the West Side Ice Arena.
- 3) *The ISO-New England asset identification number (if available).* The facility's asset identification number is 911.
- 4) *The GIS facility code if available.* The NEPOOL GIS facility code has been verified as MSS 911.
- 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 Kelley's Falls Hydro project includes a concrete gravity structure 31-feet high and 250-feet long, a penstock and generators totaling 500 kW of electrical production. The project began commercial operation December 10, 1985.
- 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 3025-001 was provided for Kelley's Falls Hydro.
- 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.* Pertinent pages of the Operating Agreement for Purposes of Wheeling and Power Sales between Public Service Company of New Hampshire (PSNH) and Consolidated Hydro, dated December 11, 2005 was provided.
- 9) *(N/A – pertains to biomass sources).*
- 10) *A description of how the generation facility is connected to the distribution utility.* Kelley's Falls Hydro's output is delivered to a transmission line owned and operated by PSNH.
- 11) *A statement as to whether the facility has been certified under another non- federal jurisdiction's renewable portfolio standard and proof thereof.* Kelley's Falls Hydro

¹ 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.

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 Marc Poirier, General Manager East Region, Enel Green Power North America, Inc. 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 Mark Desotelle, Facility Supervisor; his telephone number is 207-490-1980 x 208.
- 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 Kelley's Falls 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 Kelley's Falls Hydro as a Class IV renewable energy source effective July 09, 2012.