

STATE OF NEW HAMPSHIRE

Inter-Department Communication

DATE: August 14, 2012

AT (OFFICE): NHPUC



FROM: Barbara Bernstein *BB*
Sustainable Energy Analyst

SUBJECT: **DE 12-182**, Hydro Management Group, LLC's Eligibility Request for Mr. Mark Coulson's Wyandotte Hydroelectric 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 *JR*
Suzanne Amidon, Staff Attorney

Summary

On June 29th, 2012, Mr. Mark Coulson submitted an application requesting Class IV certification for the Wyandotte Hydroelectric (Wyandotte Hydro) project pursuant to RSA 362-F, New Hampshire's Renewable Portfolio Standard law and Laws of 2012, Chapter 272. Staff reviewed the application and requested additional information on July 11, 2012. Mr. Coulson requested that Hydro Management Group, LLC respond to the information request. Staff has reviewed the Hydro Management Group, LLC certification request filed on behalf of Mr. Coulson for the .117 megawatts (MW) of electricity produced by the Wyandotte Hydro project, 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 of July 18, 2012 and recommends Commission approval for Wyandotte Hydro as a Class IV renewable energy source effective July 18, 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.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 application was filed by Hydro Management Group, LLC, 56 Union Street, 4th Floor, Boston, MA 02108, on behalf of Mark Coulson, Managing Partner/Member, 186 George Road, PO Box 127, Hebron, NH 03241.
- 2) *The name and location of the facility:* Wyandotte Hydro is located on the Cocheco River in Rochester, NH.
- 3) *The ISO-New England asset identification number (if available).* The facility's asset identification number is 903.
- 4) *The GIS facility code if available.* The NEPOOL GIS facility code has been verified as MSS 903.
- 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.* Wyandotte Hydro includes a horizontal turbine driving a horizontal synchronous generator. The pond behind the Hatfield Dam on the Cocheco River serves as the water source. The facility's nameplate capacity is .117 MW of electrical production. The project began commercial operation on or before July 14, 1982.
- 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 Granting Exemption from Licensing, FERC Project Number 5563-000 was provided for Wyandotte 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.* A copy of the Operating Agreement between Public Service Company of New Hampshire (PSNH) and Wyandotte Hydro, dated September 12, 2002 was provided.
- 9) *(N/A – pertains to biomass sources).*
- 10) *A description of how the generation facility is connected to the distribution utility.* Wyandotte Hydro is interconnected with the PSNH electric system.
- 11) *A statement as to whether the facility has been certified under another non-federal jurisdiction's renewable portfolio standard and proof thereof.* Wyandotte Hydro is

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.

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 Mark Coulson, Managing Partner/Member was provided with the application.

15) *The name and telephone number of the facility's operator, if different from the owner.* The facility operator and owner 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 Wyandotte 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 Wyandotte Hydro as a Class IV renewable energy source effective July 18, 2012.