STATE OF NEW HAMPSHIRE

Intra-Department Communication

NOV 23 2010
NH PUBLIC UTILITIES COMMISSION

DATE: November 22, 2010
AT (OFFICE): NHPUC

FROM: Maureen L. Reno MLR
Utility Analyst III

SUBJECT: Staff Recommendation Re: DE 10-286, DE 10-287, DE 10-291 and DE 10-294, New Hampshire Electric Cooperative, Inc. Certification Applications for Class II Eligibility Pursuant to RSA 362-F on behalf of homeowners John Duffield, Scott Horton, Steven Olafsen and Paul Robinson

TO: Chairman Thomas B. Getz
Commissioner Clifton C. Below
Commissioner Amy L. Ignatius
Debra A. Howland, Executive Director

CC: Jack K. Ruderman, Director, Sustainable Energy Division JR
Suzanne Amidon, Staff Attorney

Summary

On October 27, 2010 and November 3, 2010, New Hampshire Electric Cooperative, Inc. (NHEC) submitted four applications on behalf of homeowners John Duffield, Scott Horton, Steven Olafsen and Paul Robinson requesting that the Commission grant approval of photovoltaic facilities located at their residences to produce Class II Renewable Energy Certificates (RECs) pursuant to RSA 362-F, New Hampshire's Electric Renewable Portfolio Standard law. Pursuant to RSA 362-F:4, II, Class II eligibility requires that a facility produce electricity from solar technologies and that it began operation after January 1, 2006.

Pursuant to RSA 362-F, the Commission, in a non-adjudicative process, is required to issue a determination of whether a facility meets a particular classification within 45 days of receipt of a completed application. The four above-named facilities are customer-sited photovoltaic rooftop arrays that began operation in 2010. The facilities meet the Class II eligibility requirements under RSA 362-F:4, II. Based on its review of the applications, Staff recommends that the Commission approve the first three facilities

as eligible for Class II RECs effective October 27, 2010 and approve the fourth facility as an eligible facility effective November 3, 2010.

Analysis

The facilities are customer-sited photovoltaic rooftop arrays located in New Hampshire and began operation in 2010. The facilities' gross nameplate capacities range from 4.60 kilowatts (kW) to 4.83 kW. The details for each facility are listed in the following table.

Commission Assigned Docket #	Facility Owner	Facility Location	Equipment Vendor	Installing Electrician	Operation Date[1]	Effective Date to Produce RECs[2]	Total kW listed in application (DC Arrays)
DE 10-286	John Duffield	Meredith, NH	Frase Electric, LLC	Kim Frase	10/06/10	10/27/10	4.60
DE 10-287	Scott Horton	Meredith, NH	Revision Energy	Pat Coon	08/30/10	10/27/10	4.83
DE 10-291	Steven Olafsen	Center Sandwich, NH	Frase Electric, LLC	Kim Frase	10/20/10	10/27/10	4.62
DE 10-294	Paul Robinson	Brentwood, NH	Revision Energy	Pat Coon	10/27/10	11/03/10	4.83

Pursuant to the N. H. Code of Administrative Rules Puc 2505.08, the applicant is required to submit a complete list of the equipment used at the facilities and certain information regarding the installer, seller and independent monitor. Each facility's equipment vendor and installing electrician are listed in the previous table. The New England Independent System Operator asset identification numbers are not applicable as the facilities are customer-sited sources. Since the facilities are customer-sited sources, their output is not recorded in the New England Power Pool (NEPOOL) Market Settlement System and, as a result, their output must be monitored and verified by an independent monitor pursuant to Puc 2505.09. The applications identify NHEC as the independent monitor. The Commission granted NHEC such status on May 12, 2009 in DE 09-006.

On April 9, 2010, the Commission also granted NHEC the authority to aggregate customer-sited sources pursuant to Puc 2506. See DE 10-060. Therefore, in addition to

[1] NHEC considers the operation date listed in the table above, and in Appendix E of each application, to be the date on which NHEC inspected the facility and installed a revenue quality meter to record the electricity that will be eligible for Class II RECs. The date listed in each interconnection application pertains to the installation and interconnection of the facility and may be different than the operation date listed in the above table.

[2] The listed dates are the effective dates to produce RECs if the Commission were to approve these facilities as eligible to produce Class II RECs. The dates differ because the completed applications were submitted on different dates.

reporting each source's output to the Commission, NHEC will include the total output of these facilities when it reports the total output of all of its Class II eligible facilities, under the name *NHEC Class II Aggregation*, to the NEPOOL Generation Information System.

The applicant is also required to provide a copy of the interconnection agreement, proof that the applicant's distribution utility approved the installation, and a signed attestation that the facility meets applicable building codes. NHEC provided a copy of the approved interconnection agreements with each facility and signed attestations that NHEC, as the distribution utility, approved the installation of each facility. Each application included a signed attestation that was originally provided to NHEC indicating that each project was installed and operating in conformance with any applicable building codes. Staff recommends that the Commission find these signed attestations meet Puc 2505.08 (b) (7) and (8).

Recommendation

Staff has reviewed NHEC's applications for photovoltaic facilities located on the above-named homeowners' rooftops and can affirm that they are complete pursuant to Puc 2505.08. Staff recommends that the Commission certify the John Duffield, Scott Horton and Steven Olafsen facilities as being eligible for Class II RECs effective October 27, 2010 and the Paul Robinson facility as being eligible effective November 3, 2010.