

# STATE OF NEW HAMPSHIRE

Intra-Department Communication

**DATE:** December 22, 2009

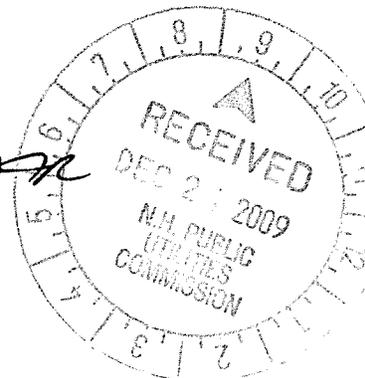
**AT (OFFICE):** NHPUC

**FROM:** Maureen L. Reno *MLR*  
Utility Analyst III

**SUBJECT:** Staff Recommendation Re: DE 09-243, DE 09-244, DE 09-245, DE 09-246 and DE 09-247, New Hampshire Electric Cooperative, Inc. Certification Applications for Class II Eligibility Pursuant to RSA 362-F on behalf of homeowners Ralph E. Ralston, Carl A. McNall, Shawn L. Wilder, Kimball L. Bergstrom and Fred G. Lavigne

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

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



## *Summary*

On November 30, 2009, New Hampshire Electric Cooperative, Inc. (NHEC) submitted five applications on behalf of homeowners Ralph E. Ralston, Carl A. McNall, Shawn L. Wilder, Kimball L. Bergstrom and Fred G. Lavigne requesting the Commission grant approval of photovoltaic facilities 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 provide 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 a completed application. The five above-described facilities are customer-sited rooftop photovoltaic facilities that began operation in 2009. 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 facilities as eligible for Class II RECs effective November 30, 2009.

**Analysis**

The facilities are customer-sited photovoltaic rooftop arrays located in New Hampshire, and they began operation in 2009. The facilities' gross nameplate capacities range from 2.28 kilowatts (kW) to 3.28 kW. The details for each facility are listed in the following table.

<b>Commission Assigned Docket #</b>	<b>Facility Owner</b>	<b>Facility Location</b>	<b>Equipment Vendor</b>	<b>Installing Electrician</b>	<b>Operation Date<sup>1</sup></b>	<b>Total kW listed in application (DC Arrays)</b>
DE 09-243	Ralph E. Ralston	31 Hickorywood Dr., Meredith, NH	Plymouth Area Renewable Energy Initiative	Jason Larry Mauchly	June 16, 2009	3.10
DE 09-244	Carl A. McNall	155 Tilton Haley Rd., Center Sandwich, NH	Frase Electric, LLC	Kim Frase	August 25, 2009	3.28
DE 09-245	Shawn L. Wilder	158 Tallow Hill Rd, Plainfield, NH	Clear Mountain Solar	Mike Laraway	August 26, 2009	3.36
DE 09-246	Kimball L. Bergstrom	236 Mica Mine Rd, Claremont, NH	Home-Efficiency Resources LLC	James Lawrence	September 2, 2009	2.28
DE 09-247	Fred G. Lavigne	407 Diamond Ledge Rd., Center Sandwich, NH	Frase Electric, LLC	Kim Frase	September 25, 2009	3.28

Pursuant to N. H. Code of Admin. 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 ISO-NE 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 NEPOOL Market Settlement System and, as a result, their output must be monitored and verified by an independent monitor pursuant to Puc 2505. The applications identify NHEC as the independent monitor; the Commission granted NHEC such status on May 12, 2009 in DE 09-006.

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 it, as the distribution utility, approved the installation of each facility. Each application

<sup>1</sup> 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.

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 have met Puc 2005.08 (b) (7) and (8).

***Recommendation***

Staff has reviewed NHEC's applications for five photovoltaic facilities located on homeowners' rooftops and can affirm they are complete pursuant to Puc 2500. Staff recommends that the Commission certify the Ralph E. Ralston, Carl A. McNall, Shawn L. Wilder, Kimball L. Bergstrom and Fred G. Lavigne facilities as being eligible for Class II RECs effective November 30, 2009, the date on which Staff was able to make a determination that the facilities met the requirements for certification as Class II renewable energy sources.