

# STATE OF NEW HAMPSHIRE

## Intra-Department Communication

**DATE:** October 5, 2010

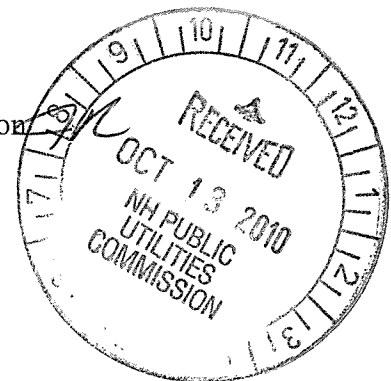
**AT (OFFICE):** NHPUC

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

**SUBJECT:** Staff Recommendation Re: DE 10-233, 10-234, 10-235, 10-236 and DE 10-251, New Hampshire Electric Cooperative, Inc. Certification Applications for Class II Eligibility Pursuant to RSA 362-F on behalf of homeowners Phil Turner, Pat Russell, Steven Tybus, George Michelsen and Kristin Nordblom

**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  
Suzanne Amidon, Staff Attorney



### *Summary*

On September 7, 2010 and September 20, 2010, New Hampshire Electric Cooperative, Inc. (NHEC) submitted five applications on behalf of homeowners Phil Turner, Pat Russell, Steven Tybus, George Michelsen and Kristin Nordblom 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 five 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 four facilities as eligible for Class II RECs effective September 7, 2010 and approve the fifth facility as an eligible facility effective September 20, 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 2.4 kilowatts (kW) to 4.8 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 10-233	Phil Turner	Charlestown, NH	Energy Emporium	Paul Judd	August 25, 2010	2.68
DE 10-234	Pat Russell	Center Sandwich, NH	Frase Electric, LLC	Kim Frase	August 26, 2010	4.80
DE 10-235	Steven Tybus	Acworth, NH	Energy Emporium	Paul Judd	August 13, 2010	2.50
DE 10-236	George Michelsoen	Unity, NH	New England Solar Concepts	Bill Brown	August 31, 2010	2.88
DE 10-251	Kristin Nordblom	Holderness, NH	Mauchly Electric, LLC	John L Mauchly	August 31, 2010	2.40

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 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.

<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.

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 Phil Turner, Pat Russell, Steven Tybus and George Michelsen facilities as being eligible for Class II RECs effective September 7, 2010 and the Kristin Nordblom facility as being eligible effective September 20, 2010.