


# STATE OF NEW HAMPSHIRE

## Intra-Department Communication

**DATE:** September 15, 2014

**AT (OFFICE):** NHPUC


**FROM:** Barbara Bernstein   
Sustainable Energy Analyst

NHPUC 15SEP14PM1:51

**SUBJECT:** New Hampshire Electric Cooperative Inc., Applications for Certification as REC Eligible Facilities:

|           |  |           |                |
|-----------|--|-----------|----------------|
| DE 14-221 | Bruce D. Ahern                           | DE 14-223 | Lance T. Burak |
| DE 14-224 | David Dunkel – Shepherds View Ranch, LLC |           |                |
| DE 14-225 | Dan Poor                                 | DE 14-226 | Craig T. Snow  |
| DE 14-227 | Victoria Stigum                          | DE 14-228 | Stephen Wyle   |
| DE 14-229 | Mt. Washington Observatory               |           |                |

**TO:** Chairman Amy L. Ignatius  
Commissioner Robert R. Scott  
Commissioner Martin P. Honigberg  
Debra A. Howland, Executive Director and Secretary

**CC:** Jack K. Ruderman, Director of the Sustainable Energy Division   
David J. Shulock, Staff Attorney

### *Summary*

On September 8, 2014, the Commission received applications filed by the New Hampshire Electric Cooperative (NHEC) requesting Class II eligibility for NHEC member photovoltaic (PV) arrays<sup>1</sup> and inclusion in the NHEC aggregation<sup>2</sup>. The applicants include: Bruce D. Ahern (Ahern); Lance T. Burak (Burak); David Dunkel – Shepherds View Ranch, LLC (Dunkel); Dan Poor (Poor); Craig T. Snow (Snow); Victoria Stigum (Stigum); Stephen Wyle (Wyle); and the Mt. Washington Observatory.

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 above-named customer-sited PV facilities were approved for operation by NHEC in 2014 and meet the Class II eligibility requirements under RSA 362-F:4, II. Based

<sup>1</sup> Pursuant to RSA 362-F, New Hampshire's Electric Renewable Portfolio Standard law Class II eligibility requires a facility to produce electricity from solar technologies that began operation after January 1, 2006 (RSA 362-F:4, II).

<sup>2</sup> The Commission granted NHEC Independent Monitor status on May 12, 2009 (DE 09-006). On April 9, 2010, the Commission granted NHEC the authority to aggregate customer-sited sources pursuant to Puc 2506 (DE 10-060).

on review of the applications, Staff recommends that the Commission certify the above listed PV arrays as eligible facilities for Class II RECs to be included as part of the NHEC aggregation effective as of September 8, 2014.

### **Overview**

Details for the facilities 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>3</sup></b> | <b>Effective Date to Produce RECs</b> | <b>Total MW listed in application (DC Arrays)</b> |
|-------------------------------------|----------------------------|--------------------------|-------------------------|-------------------------------|-----------------------------------|---------------------------------------|---|
| DE 14-221                           | Ahern                      | Plymouth                 | Frase Electric          | Kim Frase                     | 07-30-14                          | 09-08-14                              | 0.0099  |
| DE 14-223                           | Burak                      | N. Woodstock             | Frase Electric          | Kim Frase                     | 07-09-14                          | 09-08-14                              | 0.00783   |
| DE 14-224                           | Dunkel                     | Holderness               | TG Design               | Larry Mauchly                 | 07-22-14                          | 09-08-14                              | 0.014025  |
| DE 14-225                           | Poor                       | Cornish                  | Solar Source            | Leith Robidoux                | 06-24-14                          | 09-08-14                              | 0.0050  |
| DE 14-226                           | Snow                       | Meredith                 | AltE Store              | Craig T. Snow                 | 06-16-14                          | 09-08-14                              | 0.00567   |
| DE 14-227                           | Stigum                     | Holderness               | PAREI                   | Larry Mauchly                 | 07-29-14                          | 09-08-14                              | 0.00495   |
| DE 14-228                           | Wyle                       | Jackson                  | Smart Energy of NE      | Rodney Smith                  | 07-22-14                          | 09-08-14                              | 0.0054  |
| DE 14-229                           | Mt. Washington Observatory | N. Conway                | Smart Energy of NE      | Rodney Smith                  | 06-02-14                          | 09-08-14                              | 0.02805   |

These facilities are customer-sited sources and therefore:

- The New England Independent System Operator asset identification number is not applicable;
- The output is not recorded in the New England Power Pool (NEPOOL) Market Settlement System; and,
- The output must be monitored and verified by an independent monitor (Puc 2505.09).

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>3</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 each 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.

As the distribution utility, NHEC provided a copy of the approved interconnection agreements for these facilities. In addition, signed attestations approving the installation, operation and conformance with any applicable building codes were provided for each facility.

***Recommendation***

Staff has reviewed NHEC's applications for the photovoltaic arrays located at the above-named facilities and can affirm all are complete pursuant to Puc 2505.08. Staff recommends that the Commission certify the Ahern, Burak, Dunkel, Poor, Snow, Stigum, Wyle, and the Mt. Washington Observatory PV arrays as Class II REC eligible facilities to be included as part of the NHEC aggregation effective as of September 8, 2014.

**SERVICE LIST - EMAIL ADDRESSES - DOCKET RELATED**

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**Pursuant to N.H. Admin Rule Puc 203.11 (a) (1): Serve an electronic copy on each person identified on the service list.**

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**FILING INSTRUCTIONS:**

- a) Pursuant to N.H. Admin Rule Puc 203.02 (a), with the exception of Discovery, file 7 copies, as well as an electronic copy, of all documents including cover letter with:
- DEBRA A HOWLAND  
EXECUTIVE DIRECTOR  
NHPUC  
21 S. FRUIT ST, SUITE 10  
CONCORD NH 03301-2429
- b) Serve an electronic copy with each person identified on the Commission's service list and with the Office of Consumer Advocate.
- c) Serve a written copy on each person on the service list not able to receive electronic mail.