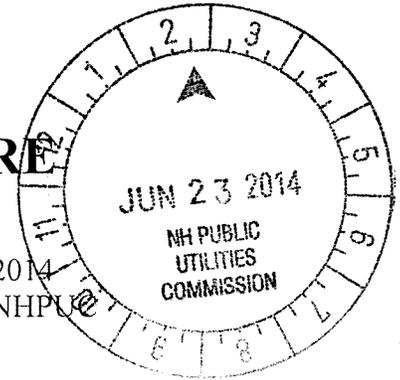


# STATE OF NEW HAMPSHIRE

Intra-Department Communication



DATE: June 23, 2014

AT (OFFICE): NHPUC

**FROM:** Barbara Bernstein   
Sustainable Energy Analyst

**SUBJECT:** Application for Certification as REC Eligible Facilities – Knollwood Energy of MA LLC  
DE 14-136 Paul Manseau  
DE 14-151 Eaton Door and Frame  
**Staff Recommends Approval**

**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 May 27, 2014, the Commission received an application filed by Knollwood Energy of MA, LLC<sup>1</sup> (Knollwood Energy) for Paul Manseau (Manseau). Knollwood Energy is requesting Class II New Hampshire Renewable Energy Certificate (REC) eligibility for the Manseau photovoltaic (PV) array<sup>2</sup> and inclusion in the Knollwood Energy aggregation.

On June 4, 2014, the Commission received an additional application filed by Knollwood Energy for Eaton Door and Frame (Eaton Door & Frame) requesting REC eligibility for the facility's PV array and inclusion in the Knollwood Energy aggregation.

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 facilities are customer-sited sources and meet the Class II eligibility requirements under RSA 362-F:4, II. Based on review of the applications, Staff recommends that the Commission certify the Manseau array as an eligible facility for Class II RECs to be included as part of the Knollwood aggregation effective as of May 27, 2014. Staff

<sup>1</sup> The Commission approved Knollwood Energy of MA, LLC as an aggregator of RECs on November 12, 2013, DE 13-256.

<sup>2</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).

further recommends the Commission certify the Eaton Door & Frame facility for Class II RECs and inclusion in the Knollwood aggregation effective as of June 4, 2014.

**Analysis**

To qualify as a REC eligible facility, Puc 2505.08 (b) requires the source to provide the following information:

1. *The name and address of the applicants.* Alane Lakritz, Knollwood Energy provided the following information:

Name	Facility Address	City	State	Zip
Manseau	113 Hunt Road	Bristol	NH	03222
Eaton Door & Frame	3 Industrial Way	Salem	NH	03079

2. *A complete list of the equipment used at the facility, including the meter and, if applicable, the inverter.* The following equipment was used at these facilities:

Manseau		Eaton Door & Frame	
Quantity	Equipment Type	Quantity	Equipment Type
34	Suniva 265W OPTXXX-60-4-100	168	Solar World SW250-Poly
2	Solar Edge Inverters	168	Enphase 215 inverters
1	Itron FM2S CIS meter	1	WEM MX 333mV meter
0.009	Nameplate Capacity (megawatts)	0.03612	Nameplate Capacity (megawatts)

3. *The name, license number and contact information of the installer of the applicable generation or solar heating equipment, or a statement that the equipment was installed directly by the customer.*

Applicant	Installer Name	Address	Electrician/ License #
Manseau	Frase Electric	789 Whittier Hwy., S. Tamworth, NH 03883	Kim Frase 4146M
Eaton Door & Frame	Bright Light Solar	275 Bear Hill Road, Chichester, NH, 03258	Lenn Johnson 80339

4. *The name and contact information of the seller of the applicable generation or heating equipment.*

Applicant	Equipment Vendor	Address
Manseau	AEE Solar	775 Fiero Lane , San Luis Obispo, CA
Eaton Door & Frame	Same as installer	

5. *The name and contact information of the independent monitor of the source.* These facilities are customer-sited sources and the output must be monitored and verified by an independent monitor pursuant to Puc 2509.09.

Applicant	Independent Monitor (IM)	IM Approval Date
Manseau	Paul Button	June 06, 2010, DE 10-128
Eaton Door & Frame	Thomas Kelly Natural Capital	Sept. 26, 2011, DE 11-190

The independent monitors will report the facilities' total output annually to the customer, the Commission and the NEPOOL Generation Information System as part of the Knollwood Energy's Class II aggregation pursuant to Puc 2505.09(h)(3).

6. *A copy of the interconnection agreement pursuant to PUC 307.06, if applicable, between the applicant and the distribution utility.*

Applicant	Utility	Interconnection Agreement	Date*
Manseau	PSNH	Simplified Process Interconnection Application & Service Agreement	10-18-13
Eaton Door & Frame	PSNH	Simplified Process Interconnection Application & Service Agreement	11-25-13

\* The date the utility approved the facility installation.

7. *An attestation by the applicant that the project is installed and operating in conformance with any applicable building codes.* An affidavit signed by Alane Lakritz was provided with each of the applications.

8. *For an installation with electric output, documentation of the applicable distribution utility's approval of the installation.*

Applicant	Utility	Utility Approval	Date*
Manseau	PSNH	Certificate of Completion for Simplified Process Interconnections	11-11-13
Eaton Door & Frame	PSNH	Certificate of Completion for Simplified Process Interconnections	12-02-13

\* The date the system passed the electrical inspection.

RSA 362-F:6 requires the renewable portfolio standard program to utilize the regional generation information system (GIS) of energy certificates administered by ISO-New England. Knollwood Energy requires each of its participants to acquire a separate GIS facility code.

Applicant	GIS Facility Code
Manseau	NON 40860
Eaton Door & Frame	NON 40970

### ***Recommendation***

Staff has reviewed the applications for the Manseau and Eaton Door & Frame PV arrays and participation in the Knollwood Energy aggregation and can affirm all are complete pursuant to Puc 2505.08. Staff has determined that these facilities meet the requirements for certification as Class II renewable energy sources. Staff recommends Commission approval for the Manseau PV array as an eligible Class II facility to be included in the Knollwood Energy aggregation, effective as May 27, 2014 and the Eaton Door & Frame facility as of June 4, 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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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.

**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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