



STATE OF NEW HAMPSHIRE

Intra-Department Communication

DATE: August 25, 2014**AT (OFFICE):** NHPUC**FROM:** Barbara Bernstein 
Sustainable Energy Analyst**SUBJECT:** Application for Certification as REC Eligible Facilities – Knollwood
Energy of MA LLC
DE 14-206 Shawn Houle
DE 14-207 Greg Sowa
DE 14-208 Brian Cook**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 July 31, 2014, the Commission received applications filed by Knollwood Energy of MA, LLC¹ (Knollwood Energy) for Shawn Houle (Houle), Greg Sowa (Sowa) and Brian Cook (Cook). Knollwood Energy is requesting Class II New Hampshire Renewable Energy Certificate (REC) eligibility for the Houle, Sowa, and Cook photovoltaic (PV) arrays² 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 Houle, Sowa, and Cook arrays as eligible facilities for Class II RECs to be included as part of the Knollwood aggregation effective as of July 31, 2014.

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

² 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).

Analysis

To qualify as a REC eligible facility, Puc 2505.08 (b) requires sources 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
Houle	154 President Road	Manchester	NH	03103
Sowa*	150 Orange Street	Manchester	NH	03104
Cook	132 South Road	Kensington	NH	03833

The mailing address for Sowa is 166 Sagamore Street, Manchester, 03104.

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:

Houle		Sowa	
Quantity	Equipment Type	Quantity	Equipment Type
23	Solar World SW 270 Mono panels	28	Solar World SI 305 panels
1	Solar Edge SE6000A-US-U inverter	28	Enphase M250 inverters
1	GE 240v meter	1	GE I-210 meter
0.006	Nameplate Capacity (megawatts)	0.0065	Nameplate Capacity (megawatts)
Cook			
Quantity	Equipment Type		
20	Suniva OPT 265-60-4100		
1	SMA 5000 TL US		
1	Itron Fm2scis 30ta 1.0kh meter		
0.005	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 #
Houle	Big Sky Renewable Energy	4 Bicentennial Sq., Concord, NH 03301	Torey Corey 1257M
Sowa	Bright Light Solar	96 Hilliard Road, Chichester, NH 03258	Vlad Hromis
Cook	Frase Electric	789 Whittier Hwy., S. Tamworth, NH 03883	Kim Frase 4146M

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

Applicant	Equipment Vendor	Address
Houle	Civic Solar	7A Commercial Wharf West, Boston, MA 02110
Sowa	Same as installer	
Cook	AEE Solar	775 Fiero Lane, San Luis Obispo, CA 93401

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. The Houle, Sowa, and Cook applications all list Paul Button of Energy Audits Unlimited as the independent monitor. Mr. Button was approved as an independent monitor of customer-sited sources on June 6, 2010, DE 10-128. Mr. Button will report the facilities' total output quarterly to the customer and to the NEPOOL Generation Information System and annually to the Commission and 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*
Houle	PSNH	Simplified Process Interconnection Application & Service Agreement	06-06-14
Sowa	PSNH	Simplified Process Interconnection Application & Service Agreement	05-09-14
Cook	Unitil	Simplified Process Interconnection Application & Service Agreement	02-19-14

* 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.* Affidavits signed by Alane Lakritz were 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*
Houle	PSNH	Certificate of Completion for Simplified Process Interconnections	06-04-14
Sowa	PSNH	Certificate of Completion for Simplified Process Interconnections	07-03-14
Cook	Unitil	Certificate of Completion for Simplified Process Interconnections	03-14-14

* 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) administered by ISO-New England for renewable energy certificates. Knollwood Energy requires each of its participants to acquire a separate GIS facility code.

Applicant	GIS Facility Code	Applicant	GIS Facility Code	Applicant	GIS Facility Code
Houle	NON 42133	Sowa	NON 42120	Cook	NON 42111

Recommendation

Staff has reviewed the applications for the Houle, Sowa, and Cook PV arrays and participation in the Knollwood Energy aggregation and can affirm each is complete pursuant to Puc 2505.08. Staff has determined that these facilities meet the requirements for certification as a Class II renewable energy source. Staff recommends Commission approval for the Houle, Sowa, and Cook PV arrays as eligible Class II facilities to be included in the Knollwood Energy aggregation, effective as of July 31, 2014.

SERVICE LIST - EMAIL ADDRESSES - DOCKET RELATED

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.