


STATE OF NEW HAMPSHIRE

Intra-Department Communication


DATE: March 18, 2014
AT (OFFICE): NHPUC

FROM: Barbara Bernstein 
Sustainable Energy Analyst

NHPUC 19MAR'14AM8:56

SUBJECT: Application for Certification as a REC Eligible Facility – Knollwood Energy of MA, LLC
DE 14-054 Plowshare Farm, Inc.
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 February 27, 2014, the Commission received an application from Knollwood Energy of MA, LLC¹ (Knollwood Energy) requesting Class II New Hampshire Renewable Energy Certificate (REC) eligibility for Plowshare Farm, Inc.'s (Plowshare Farm) photovoltaic (PV) array pursuant to RSA 362-F, New Hampshire's Electric Renewable Portfolio Standard law.² Certification of the Plowshare Farm PV array will enable Knollwood Energy to add this facility to its aggregation pursuant to Puc 2506.01.

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 facility is a customer-sited source and meets the Class II eligibility requirements under RSA 362-F:4, II. Based on review of the application Staff recommends Commission approval for Plowshare Farm as an eligible Class II facility to be included in the Knollwood Energy aggregation, effective as of February 27, 2014.

Analysis

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

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

² Class II eligibility requires a facility to produce electricity from solar technologies that began operation after January 1, 2006 (RSA 362-F:4, II).

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1. *The name and address of the applicant.* Amy Molinaro, Knollwood Energy provided the following information:

Name	Facility Address	City	State	Zip
Plowshare Farm	32 Whitney Drive	Greenfield	NH	03047

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:

Plowshare Farm	
Quantity	Equipment Type
99	Solarworld 255w
3	Solectria PVI 7500
1	Hialeah meter
0.0225	Nameplate Capacity (megawatts) ³

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 #
Plowshare Farm	KW Management	55 Lake St. Box 1171 Nashua, NH 03060	7474M

4. *The name and contact information of the seller of the applicable generation or heating equipment.* The installer and equipment vendor are one and the same.
5. *The name and contact information of the independent monitor of the source.* This facility is a customer-sited source and its output must be monitored and verified by an independent monitor pursuant to Puc 2509.09. The application states that Paul Button, Energy Audits Unlimited will monitor the output of this facility and will report the facility's output quarterly to the NEPOOL Generation Information System and annually to the customer and the Commission as part of the Knollwood Energy's Class II aggregation pursuant to N.H. Code of Administrative Rules Puc 2505.08 and 2505.09.
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*
Plowshare Farm	PSNH	Interconnection Standards for Inverters Sized Up To 100 KVA, Simplified Process Interconnection Application & Service Agreement	01-31-12

* The date the utility approved the facility installation.

³ As listed on the Public Service Company of New Hampshire Interconnection Standards for Inverters Sized Up to 100 KVA (Continued).

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

Applicant	Utility	Utility Approval	Date*
Plowshare Farm	PSNH	Certificate of Completion for Simplified Process Interconnections	02-28-12

* 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
Plowshare Farm	NON 39371

Recommendation

Staff has reviewed the application for the Plowshare Farm PV array and participation in the Knollwood Energy aggregation and can affirm it is complete pursuant to Puc 2505.08. Staff has determined that this facility meets the requirements for certification as a Class II renewable energy source. Further, Staff recommends Commission approval for the Plowshare Farm as an eligible Class II facility to be included in the Knollwood Energy aggregation, effective as of February 27, 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.