

STATE OF NEW HAMPSHIRE

Intra-Department Communication

DATE: January 23, 2014

AT (OFFICE): NHPUC

FROM: Barbara Bernstein 
Sustainable Energy Analyst

NHPUC 23.JAN.14PM3:33

SUBJECT: Application for Certification as REC Eligible Facilities – Knollwood Energy of MA LLC
DE 14-002 Mikel Myers DE 14-004 Northland Forest Products
DE 14-003 Michael McGuire
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 January 6, 2014, the Commission received applications from Knollwood Energy of MA, LLC¹ (Knollwood Energy) requesting Class II New Hampshire Renewable Energy Certificate (REC) eligibility for the following entities' photovoltaic (PV) arrays pursuant to RSA 362-F, New Hampshire's Electric Renewable Portfolio Standard law:² Mikel Myers (Myers); Michael McGuire (McGuire); and, Northland Forest Products.

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 Commission approval for the Myers, McGuire, and Northland Forest Products as eligible Class II facilities to be included in the Knollwood Energy aggregation, effective as of January 6, 2013.

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).

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

Name	Facility Address	City	State	Zip
Myers	162 Drew Road	Madbury	NH	03823
McGuire	1042 Hurricane Hill Road	Mason	NH	03048
Northland Forest Products	36 Depot Road	Kingston	NH	03048

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:

Myers		McGuire	
Quantity	Equipment Type	Quantity	Equipment Type
36	Canadian Solar CS6P-255M	99	Siliken SLK60P6L245
1	SMA 8000 US	3	SMA 7000 S
1	Landis & Gyr 99460797	1	GE 1-70-S/2
1	Hialeah meter 95834479		
0.008	Nameplate Capacity (megawatts) ³	.021	Nameplate Capacity (megawatts) ⁴

Northland Forest Products	
Quantity	Equipment Type
182	Mage 250 PowerTec Plus 250
1	Solectria 50 kW 480 volt inverter
1	480 volt 3 phase meter
0.0455	Nameplate Capacity (megawatts) ⁵

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 #
Myers	ReVision Energy	7 Commercial Drive, Exeter, NH 03833	
McGuire	New Horizons Technology	5 Campground Road, Sterling, MA 01564	
Northland Forest Products	Seacoast Energy	289 Scruton Pond Rd., Barrington, NH 03825	D. Ayer 9340M

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

Applicant	Equipment Vendor	Address
Myers	Same as installer	
McGuire	2 nd Generation Energy	12 Rosenfeld Drive, Hopedale, MA 01747
Northland Forest Products	Same as installer	

³ Confirmed by PSNH.

⁴ Confirmed by PSNH.

⁵ Confirmed by installer.

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.

Applicant	Independent Monitor (IM)	IM Approval Date
Myers	Thomas Kelly	Sept. 26, 2011, DE 11-190
McGuire	Thomas Kelly	Sept. 26, 2011, DE 11-190
Northland Forest Products	Paul Button	June 06, 2010, DE 10-128

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*
Myers	PSNH	Interconnection Standars for Inverters Sized Up To 100 KVA, Simplified Process Interconnection Application & Service Agreement	06-24-13
McGuire	PSNH	Interconnection Standars for Inverters Sized Up To 100 KVA, Simplified Process Interconnection Application & Service Agreement	07-03-12
Northland Forest Products	Unitil	Certificate of Completion for (Standard Process) Interconnection	09-16-13

* 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*
Myers	PSNH	Certificate of Completion for Simplified Process Interconnections	07-09-13
McGuire	PSNH	Certificate of Completion for Simplified Process Interconnections	11-11-12
Northland Forest Products	Unitil	Certificate of Completion for (Standard Process) Interconnection	09-16-13

* The date the system passes 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
Myers	NON 38908
McGuire	NON 38909
Northland Forest Products	NON 38907

Recommendation

Staff has reviewed the applications for the Myers, McGuire, and Northland Forest Products 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 a Class II renewable energy source. Further, Staff recommends Commission approval for the Myers, McGuire, and Northland Forest Products as eligible Class II facilities to be included in the Knollwood Energy aggregation, effective as of January 6, 2013.