


# STATE OF NEW HAMPSHIRE

## Intra-Department Communication

**DATE:** May 13, 2014

**AT (OFFICE):** NHPUC


**FROM:** Barbara Bernstein   
Sustainable Energy Analyst

**SUBJECT:** Application for Certification as REC Eligible Facilities – Knollwood Energy of MA LLC

DE 14-080 Dan Watts  
DE 14-097 Barrington Power, Rochester Truck Repair  
DE 14-098 Barrington Power, White Mountain Pools  
DE 14-099 Richard Binder  
DE 14-100 Harry O Electrical Corporation

**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 March 24, 2014, the Commission received an application filed by Knollwood Energy of MA, LLC (Knollwood Energy) for the Dan Watts (Watts) residential photovoltaic (PV) facility. Information required to complete the application was received May 5, 2014, in an email correspondence from Michael Motta of Public Service Company of New Hampshire (PSNH). Additional applications were received from Knollwood on April 11, 2014, for Barrington Power, Rochester Truck Repair (Rochester Truck Repair); Barrington Power, White Mountain Pools, (White Mountain Pools); Richard Binder (Binder); and, Harry O Electrical Corporation (Harry O Electrical). The Rochester Truck Repair, White Mountain Pools, Binder, and Harry O Electrical applications were complete as submitted.

Knollwood Energy is requesting Class II New Hampshire Renewable Energy Certificate (REC) eligibility for these entities' photovoltaic (PV) arrays pursuant to RSA 362-F, New Hampshire's Electric Renewable Portfolio Standard law<sup>1</sup> 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

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

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 Watts facility as eligible for Class II RECs and to be included in the Knollwood aggregation effective May 5, 2014. Staff recommends Class II REC eligibility for the Rochester Truck Repair, White Mountain Pools, Binder, and Harry O Electrical facilities to be included as part of the Knollwood aggregation effective as of April 11, 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 applicant.* Alane Lakritz, Knollwood Energy provided the following information:

Name	Facility Address	City	State	Zip
Watts	530 Newmarket Road	Warner	NH	03278
Rochester Truck Repair	8 Flagg Hill Road	Rochester	NH	03867
White Mountain Pools	123 New Rochester Road	Somersworth	NH	03878
Binder	31 Fairmount Street	Nashua	NH	03054
Harry O Electrical	73 NH Highway 129	Loudon	NH	03307

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:

Watts		Rochester Truck Repair	
Quantity	Equipment Type	Quantity	Equipment Type
30	Evergreen ES-AES-A-205 FA3 PV panels	192	Astroenergy 250 panels
2	Sunny Boy 3000 inverters	1	Fronius CL44 inverter
1	GE CL200 meter	1	GE CL200 meter
0.006	Nameplate Capacity (megawatts) <sup>2</sup>	0.0444	Nameplate Capacity (megawatts)
White Mountain Pools		Binder	
Quantity	Equipment Type	Quantity	Equipment Type
144	Astroenergy 250 panels	44	Sanyo 240s panels
3	Fronius IG Plus 11.4.1 inverters	44	Power one micro 0.25 inverters
1	GE CL200 meter	1	Hialeah KWHR meter
0.0342	Nameplate Capacity (megawatts)	0.006	Nameplate Capacity (megawatts)
Harry O Electrical			
Quantity	Equipment Type		
48	Renesola JC250M-24/Bb panels		
2	Power One PVI 6.0 inverters		
1	Hialeah P-145-200134 meter		
0.012	Nameplate Capacity (megawatts)		

<sup>2</sup> Confirmed by PSNH.

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 #
Watts	GroSolar	205 Billings Farm Rd, Bldg. 4, White River Junction, VT 05001	Simon Bradford 12438M
Rochester Truck Repair	Seacoast Energy	289 Scruton Pond Rd., Barrington, NH 03825	Ayers Electric 9340M
White Mtn. Pools	Seacoast Energy	289 Scruton Pond Rd., Barrington, NH 03825	Ayers Electric 9340M
Binder	Big Sky Renewable Energy	4 Bicentennial Square, Concord, NH 03301	Troy Cory 12571M
Harry O Electrical	Big Sky Renewable Energy	4 Bicentennial Square, Concord, NH 03301	Troy Cory 12571M

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

Applicant	Equipment Vendor	Address
Watts	Same as installer	
Rochester Truck Repair	Same as installer	
White Mountain Pools	Same as installer	
Binder	SimpleRay LLC	705 Raymond Ave, Suite 220, Saint Paul, MN 55114
Harry O Electrical	All Earth Renewables	94 Harvest Lane, Williston, VT 05495

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. Paul Button of Energy Audits Unlimited is listed as the Independent Monitor for all five of the applicants. The Commission approved Mr. Button as an Independent Monitor on June 6, 2010, (DE 10-128). Mr. Button 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*
Watts	PSNH	Simplified Process Interconnection Application & Service Agreement	05-05-14
Rochester Truck Repair	PSNH	Simplified Process Interconnection Application & Service Agreement	04-26-13
White Mountain Pools	PSNH	Simplified Process Interconnection Application & Service Agreement	04-30-13
Binder	PSNH	Simplified Process Interconnection Application & Service Agreement	05-24-13
Harry O Electrical	PSNH	Simplified Process Interconnection Application & Service Agreement	12-05-13

\* 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 for the Rochester Truck Repair, White Mountain Pools, and Binder facilities. An affidavit signed by Amy Molinaro was provided for Watts and Harry O Electrical.
8. *For an installation with electric output, documentation of the applicable distribution utility's approval of the installation.*

Applicant	Utility	Utility Approval	Date
Watts	PSNH	Verified by PSNH	05-05-14
Rochester Truck Repair	PSNH	Exhibit B - Certificate of Completion for Simplified Process Interconnections	12-24-13*
White Mountain Pools	PSNH	Exhibit B - Certificate of Completion for Simplified Process Interconnections	11-26-13*
Binder	PSNH	Exhibit B - Certificate of Completion for Simplified Process Interconnections	08-27-13*
Harry O Electrical	PSNH	Exhibit B - Certificate of Completion for Simplified Process Interconnections	12-31-13*

\* 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
Watts	NON 39487
Rochester Truck Repair	NON 40053
White Mountain Pools	NON 40052
Binder	NON 39981
Harry O Electrical	NON 39983

### ***Recommendation***

Staff has reviewed the applications for Class II eligibility for the Watts, Rochester Truck Repair, White Mountain Pools, Binder, and Harry O Electrical 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. Further, Staff recommends Commission approval for Watts as an eligible Class II facility effective May 5, 2014; Rochester Truck Repair, White Mountain Pools, Binder, and Harry O Electrical facilities are eligible Class II facilities to be included in the Knollwood Energy aggregation, effective as of April 11, 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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Docket #: 14-097-1 Printed: May 14, 2014

**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.**

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