

# STATE OF NEW HAMPSHIRE

## Intra-Department Communication

DATE: October 31, 2014

AT (OFFICE): NHPUC

FROM: Barbara Bernstein   
Sustainable Energy Analyst

NHPUC 31 OCT 14 PM 3:51

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

DE 14-274	William Wyatt	DE 14-275	Erik Travis
DE 14-276	Laura Scheibel	DE 14-277	Dale Bellavance
DE 14-278	Christopher Betjemann	DE 14-279	Michael Thomas
DE 14-280	Ethan Doubleday-Everett	DE 14-281	Andrew Gillis
DE 14-286	William Covenno		

**Staff Recommends Approval**

TO: Commissioner Robert R. Scott  
Commissioner Martin P. Honigberg  
Debra A. Howland, Executive Director and Secretary

CC: David J. Shulock, Staff Attorney 

### *Summary*

On October 7, 2014, the Commission received applications filed by Knollwood Energy of MA, LLC<sup>1</sup> (Knollwood Energy) requesting Class II eligibility for photovoltaic (PV) arrays<sup>2</sup> and inclusion in the Knollwood Energy aggregation. The applicants include William Wyatt (Wyatt), Erik Travis (Travis), Laura Scheibel (Scheibel), Dale Bellavance (Bellavance), Christopher Betjemann (Betjemann), Michael Thomas (Thomas), Ethan Doubleday-Everett (Doubleday-Everett), and Andrew Gillis (Gillis). On October 20, 2014 the Commission received one additional application filed by Knollwood requesting Class II eligibility for a PV array and inclusion in the Knollwood Energy aggregation. This application is for the William Covenno (Covenno) PV array.

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 above listed arrays as eligible facilities for Class II RECs to be included as part of the Knollwood aggregation effective as of September 29, 2014.

<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).

**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.*

Name	Facility Address	City	State	Zip
Wyatt	242 Pleasant Street	Antrim	NH	03440
Travis	14 Young Street	Dover	NH	03820
Scheibel	62 North River Road	Lee	NH	03861
Bellavance	22 Fox Hollow Road	Newbury	NH	03255
Betjemann	216 Canaan Back Road	Barrington	NH	03825
Thomas	9 Ironwood Drive	Dover	NH	03820
Doubleday-Everett	9 Wildwood Lane	Nashua	NH	03060
Gillis	55 Normand Circle	Bedford	NH	03110
Coveno	55 Monadnock Street	Troy	NH	03465

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:

Wyatt		Travis	
Quantity	Equipment Type	Quantity	Equipment Type
80	Sun Edison F265 panels	20	Trina 240W panels
80	Enphase 250 inverters	20	Enphase M215 inverters
1	AEE Solar meter	1	Enphase GE meter
0.020	Nameplate Capacity (megawatts)*	0.0048	Nameplate Capacity (megawatts)*
Scheibel		Bellavance	
Quantity	Equipment Type	Quantity	Equipment Type
16	Trina 225 panels	26	Sun Edison F265 panels
16	Enphase M190 inverters	26	Enphase M250 inverters
1	Enphase – GE meter	1	AEE Solar meter
0.00304	Nameplate Capacity (megawatts)*	0.0065	Nameplate Capacity (megawatts)*
Betjemann		Thomas	
Quantity	Equipment Type	Quantity	Equipment Type
40	ET Solar ET-P 260W panels	30	Solar World 275 panels
40	SolarBridge Pantheon II inverters	30	Enphase M250 inverters
1	Centron Vision meter	1	Enphase GE meter
0.00952	Nameplate Capacity (megawatts)*	0.0075	Nameplate Capacity (megawatts)*
Doubleday-Everett		Gillis	
Quantity	Equipment Type	Quantity	Equipment Type
40	Sun Edison F265 panels	12	Siliken 245 panels
40	Enphase M250 inverters	12	Enphase m190 inverters
1	AEE Solar meter	1	Enphase Envoy meter
0.00975	Nameplate Capacity (megawatts)*	0.00488	Nameplate Capacity (megawatts)*
Covino			
Quantity	Equipment Type		
26	Suniva 250W panels		
26	Enphase M250 inverters		
1	Centron Vision meter		
0.0065	Nameplate Capacity (megawatts)*		

The nameplate capacity listed in the interconnection agreement.

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 #
Wyatt	SunRay Solar	249 Loudon Road, Concord, NH 03301	Shawn Marvel 13363M
Travis	ETE Solar	32 Tyler Lane, Berwick, ME, 03901	Al Nadeau 8238M
Scheibel	Seacoast Energy	289 Scruton Pond Road, Barrington, NH 03825	Jeff Newsky M8979
Bellavance	SunRay Solar	249 Loudon Road, Concord, NH 03301	Shawn Marvel 13363M
Betjemann	Seacoast Energy	289 Scruton Pond Road, Barrington, NH 03825	Jeff Newsky M8979
Thomas	ETE Solar	32 Tyler Lane, Berwick, ME, 03901	Al Nadeau 8238M
Doubleday-Everett	SunRay Solar	249 Loudon Road, Concord, NH 03301	Shawn Marvel 13363M
Gillis	Self-installed		
Coveno	SunRay Solar	249 Loudon Road, Concord, NH 03301	Shawn Marvel 13363M

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

Applicant	Equipment Vendor	Address
Wyatt	Same as installer	
Travis	Same as installer	
Scheibel	Same as installer	
Bellavance	Same as installer	
Betjemann	Same as installer	
Thomas	Same as installer	
Doubleday-Everett	Same as installer	
Gillis	Simple Ray	705 Raymond Ave, St. Paul, MN 55114
Coveno	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	Docket #
Wyatt	Thomas Kelly, Natural Capital	09-26-11	DE 11-190
Travis	Thomas Kelly, Natural Capital	09-26-11	DE 11-190
Scheibel	Paul Button, Energy Audits Unlimited	06-06-10	DE 10-128
Bellavance	Thomas Kelly, Natural Capital	09-26-11	DE 11-190
Betjemann	Paul Button, Energy Audits Unlimited	06-06-10	DE 10-128
Thomas	Thomas Kelly, Natural Capital	09-26-11	DE 11-190
Doubleday-Everett	Thomas Kelly, Natural Capital	09-26-11	DE 11-190
Gillis	Paul Button, Energy Audits Unlimited	06-06-10	DE 10-128
Coveno	Paul Button, Energy Audits Unlimited	06-06-10	DE 10-128

The Independent Monitors will report the facilities' total output quarterly to the customer and to the NEPOOL Generation Information System, and annually to the Commission 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*
Wyatt	PSNH	Simplified Process Interconnection Application & Service Agreement	08-08-14
Travis	PSNH	Simplified Process Interconnection Application & Service Agreement	06-10-13
Scheibel	PSNH	Simplified Process Interconnection Application & Service Agreement	08-31-10
Bellavance	PSNH	Simplified Process Interconnection Application & Service Agreement	08-07-14
Betjemann	PSNH	Simplified Process Interconnection Application & Service Agreement	07-15-14
Thomas	PSNH	Simplified Process Interconnection Application & Service Agreement	05-25-14
Doubleday-Everett	PSNH	Simplified Process Interconnection Application & Service Agreement	06-11-14
Gillis	PSNH	Simplified Process Interconnection Application & Service Agreement	03-08-10
Coveno	PSNH	Simplified Process Interconnection Application & Service Agreement	07-15-14

\* 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*
Wyatt	PSNH	Certificate of Completion for Simplified Process Interconnections	07-29-14
Travis	PSNH	Certificate of Completion for Simplified Process Interconnections	06-04-13
Scheibel	PSNH	Certificate of Completion for Simplified Process Interconnections	10-19-10
Bellavance	PSNH	Certificate of Completion for Simplified Process Interconnections	08-27-14
Betjemann	PSNH	Certificate of Completion for Simplified Process Interconnections	07-14-14
Thomas	PSNH	Certificate of Completion for Simplified Process Interconnections	05-28-14
Doubleday-Everett	PSNH	Certificate of Completion for Simplified Process Interconnections	08-04-14
Gillis	PSNH	Certificate of Completion for Simplified Process Interconnections	07-29-10
Coveno	PSNH	Certificate of Completion for Simplified Process Interconnections	07-15-14

\* 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
Wyatt	NON 43305	Travis	NON 43304	Scheibel	NON 43303
Applicant	GIS Facility Code	Applicant	GIS Facility Code	Applicant	GIS Facility Code
Bellavance	NON 43302	Betjemann	NON 43301	Thomas	NON 43142
Applicant	GIS Facility Code	Applicant	GIS Facility Code	Applicant	GIS Facility Code
Doubleday-Everett	NON 43308	Gillis	NON 43092	Coveno	NON 43383

***Recommendation***

Staff has reviewed the applications for the above listed 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 Wyatt, Travis, Scheibel, Bellavance, Betjemann, Thomas, Doubleday-Everett, and Gillis PV arrays as eligible Class II facilities to be included in the Knollwood Energy aggregation, effective as of October 7, 2014. Further, Staff recommends the Covenor array be certified as a Class II REC eligible facility to be included in the Knollwood Energy aggregation effective as of October 20, 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 #: 14-274-1      Printed: October 31, 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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Docket #: 14-286-1      Printed: October 31, 2014

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