

STATE OF NEW HAMPSHIRE

Intra-Department Communication

DATE: September 04, 2013

AT (OFFICE): NHPUC

FROM: Barbara Bernstein *BB*
Sustainable Energy Analyst

NHPUC 4SEP'13AM10:50

SUBJECT: Solar Farm Bank, LLC's Certification Applications for Class II New Hampshire Renewable Energy Certificate (REC) Eligibility on Behalf of the Following Entities Pursuant to RSA 362-F to Allow Participation in the Solar Farm Bank Aggregation:

- DE 13-240 Thomas Scanlon
- DE 13-241 Robert Wyatt

Staff Recommends Approval

TO: Chairman Amy L. Ignatius
Commissioner Robert R. Scott
Commissioner Michael Harrington
Debra A. Howland, Executive Director and Secretary

CC: Jack K. Ruderman, Director of the Sustainable Energy Division *JR*
David Wiesner, Staff Attorney

Summary

On August 15, 2013, the Commission received applications on behalf of Thomas Scanlon (Scanlon) and Robert Wyatt (Wyatt) from Solar Farm Bank requesting Commission approval for Class II New Hampshire REC eligibility for the Scanlon and Wyatt photovoltaic (PV) arrays pursuant to RSA 362-F, New Hampshire's Electric Renewable Portfolio Standard law.¹ Certification of these facilities will enable Solar Farm Bank to add these facilities to its aggregation pursuant to Puc 2506.01 and recognized by the Generation Information System (GIS) under NON 35889.²

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 approve the Scanlon and Wyatt PV arrays as part of the Solar Farm Bank's Class II eligible facilities aggregation effective August 15, 2013.

Analysis

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

² The Commission approved Solar Farm Bank as an aggregator of RECs on February 05, 2013, DE 12-343.

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

1. *The name and address of the applicant.* Solar Farm Bank submitted applications for the following applicants:

Name	Facility Address	City	State	Zip
Scanlon	28 Old Pine Tree Cemetery Rd.	Lebanon	NH	03748
Wyatt	166 Snow Pond Road	Concord	NH	03301

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:

Scanlon		Wyatt	
Quantity	Equipment Type	Quantity	Equipment Type
24	Sharp 250 Watt NH-250QS	35	Suniva 265 W modules
24	GE Energy 205Watt Modules	35	Solar edge optimizers
1	Fronius IG Plus 6.0-UNI	1	Solar Edge 3800 W INV
1	SMA 5000	1	Uni rac SM rail system
1	Fronius IG Plus V 5.0-1 UNI 5.0 kW Inverter	1	ITRON Centron meter
0.011	System Output (megawatts)	0.0098	System Output (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.*

Scanlon – Installer Information		Wyatt – Installer Information	
Name	Prudent Living, Inc.	Frase Electric, LLC	
Address	3189 US Rt 5 South	789 Whittier Highway	
City, ST, Zip	Windsor, VT 05089	South Tamworth, NH 03883	
License #		4146M	
Electrician	Matthew Smith		
Company	Brite Lite Electric LLC		
Address	3189 US Rt 5 South		
City, ST, Zip	Windsor, VT 05089		
License #	13148M		

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

Scanlon – Equipment Vendor	Wyatt – Equipment Vendor
Same as installer.	Same as installer.

5. *The name and contact information of the independent monitor of the source.* These facilities are customer-sited sources and their output must be monitored and verified by an independent monitor pursuant to Puc 2509.09. The applications state that Paul Button,

Energy Audits Unlimited³ will monitor both facilities' output pursuant to N.H. Code of Administrative Rules Puc 2505.08 and 2505.09. Mr. Button will report these facilities' total output annually to the customer, the Commission and the NEPOOL Generation Information System as part of the Solar Farm Bank'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.* Interconnection agreements were provided for each of the following applicants:

Applicant	Scanlon	Wyatt
Utility	Granite State Electric Company	Unitil Energy Systems, Inc.
Date of Electrical Inspection	May 31, 2013	July 09, 2013

7. *An attestation by the applicant that the project is installed and operating in conformance with any applicable building codes.* An affidavit was signed by Thomas C. Scanlon for the Scanlon facility; an affidavit signed by Robert J. Wyatt was provided for the Wyatt facility.
8. *For an installation with electric output, documentation of the applicable distribution utility's approval of the installation.*
- A copy of the Certificate of Completion for Simplified Process Interconnections for Thomas Scanlon was provided. In addition, an email dated July 31, 2013, from Jill Fitzpatrick to Tim Biebel, Prudent Living, authorizing the interconnection, was provided.
 - A copy of the Unitil Energy Systems, Inc., Exhibit B – Certificate of Completion for Simplified Process Interconnection for Robert Wyatt dated July 09, 2013 was provided.

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. The GIS facility code assigned to the Solar Farm Bank aggregation is NON 35889.

Recommendation

Staff has reviewed Solar Farm Bank's applications for the PV arrays located at the above-named facilities and can affirm both are complete pursuant to Puc 2505.08. Staff has determined that the Scanlon and Wyatt facilities meet the requirements for certification as Class II renewable energy sources. Further, Staff recommends Commission approval for the Scanlon and Wyatt PV arrays as eligible Class II facilities to be included in the Solar Farm Bank's aggregation effective August 15, 2013.

³ The Commission granted Paul Button independent monitor status on June 06, 2010, DE 10-128.