

STATE OF NEW HAMPSHIRE

Intra-Department Communication

DATE: June 18, 2013

AT (OFFICE): NHREC



FROM: Barbara Bernstein *BB*
Sustainable Energy Analyst

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 13-168 Brent Sowle
- DE 13-169 Stanley Sowle

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 *JKR*
Suzanne Amidon, Staff Attorney

Summary

On June 07, 2013, Solar Farm Bank submitted an application on behalf of Brent Sowle and Stanley Sowle requesting Commission approval for Class II New Hampshire REC eligibility for their residential 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 35889²

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 Brent Sowle and Stanley Sowle PV arrays as part of the Solar Farm Bank's Class II eligible facilities aggregation, effective June 07, 2013.

Analysis

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

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.

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

Name	Facility Address	City	State	Zip
Brent Sowle	36 Sowle Road	Dunbarton	NH	03046
Stanley Sowle	132 Stark Highway N.	Dunbarton	NH	03046

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:

Brent Sowle		Stanley Sowle	
Quantity	Equipment Type	Quantity	Equipment Type
34	Suniva 260W panels	24	Suniva 260W panels
1	Power One 5000W inverter	1	Power One 6000W inverter
1	Power One 4200W inverter	1	Itron Centron meter
1	Itron Centron meter		
0.0092	System Output (megawatts)	0.006	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.*

Brent Sowle – Installer Information		Stanley Sowle – Installer Information	
Name	Frase Electric, LLC	Frase Electric, LLC	
Address	789 Whittier Highway	789 Whittier Highway	
City, ST, Zip	South Tamworth, NH 03883	South Tamworth, NH 03883	
License #	4146M	4146M	

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

Brent Sowle – Equipment Vendor		Stanley Sowle – 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).

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

6. *A copy of the interconnection agreement pursuant to PUC 307.06, if applicable, between the applicant and the distribution utility.* Copies of the Simplified Process Interconnection Application & Service Agreements between each of the applicants and Public Service Company of New Hampshire were provided for each of the following applicants:

Applicant	Brent Sowle	Stanley Sowle
Utility	Public Service Company of New Hampshire	Public Service Company of New Hampshire
Date of Electrical Inspection	April 22, 2013	March 26, 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 Brent Sowle, and Stanley Sowle for their respective facilities.
8. *For an installation with electric output, documentation of the applicable distribution utility's approval of the installation.* A copy of the Certificate for Simplified Process Interconnection between each of the applicants and Public Service Company of New Hampshire was provided and includes the date of electrical inspection required for the utility's approval of the installation.

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 photovoltaic arrays located at the above-named facilities and can affirm all are complete pursuant to Puc 2505.08. Staff has determined that the Brent Sowle and Stanley Sowle facilities meet the requirements for certification as Class II renewable energy sources. Further, Staff recommends Commission approval for these PV arrays as eligible Class II facilities to be included in the Solar Farm Bank's aggregation effective June 07, 2013.