

STATE OF NEW HAMPSHIRE

Intra-Department Communication

DATE: May 23, 2013
AT (OFFICE): NHPUC



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 13-137 Joel Fisher
- DE 13-145 Melinda Realty Associates
- DE 13-146 Joseph Shanks
- DE 13-147 George Havell

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 May 08, 2013, Solar Farm Bank submitted an application on behalf of Joel Fisher (Fisher) requesting Commission approval for Class II New Hampshire REC eligibility for his residential photovoltaic (PV) array pursuant to RSA 362-F, New Hampshire's Electric Renewable Portfolio Standard law.¹ On May 14, 2013, Solar Farm Bank submitted three additional applications for REC eligibility on behalf of Melinda Realty Associates (Melinda Realty), Joseph Shanks (Shanks), and George Havell (Havell). 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. All 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 Fisher, Melinda Realty, Shanks, and Havell photovoltaic arrays as part of the Solar Farm Bank's Class II eligible facilities aggregation, effective May 08, 2013, for Fisher and May 14, 2013 for Shanks, Melinda Realty, and Fisher.

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.

Analysis

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
Joel Fisher	686 Belknap Mountain Road	Gilford	NH	03249
Melinda Realty	324 South River Road	Bedford	NH	03110
Joseph Shanks	423 Silver Pine Lane	Tamworth	NH	03886
George Havell	936 Turkey Street	Chocorua	NH	03817

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:

Fisher		Melinda Realty	
Quantity	Equipment Type	Quantity	Equipment Type
36	Suniva 270W OPT panels	48	Solar World SW255 watt modules
2	Power One Aurora PVI-5000 inverters	1	Fronius inverter
1	Itron Centron meter	1	GE Kilowatt Hour Utility Meter
0.005	System Output (megawatts)	0.0114	System Output (megawatts)
Shanks		Havell	
Quantity	Equipment Type	Quantity	Equipment Type
27	Suniva 260W PV modules	24	Suniva 265W PV modules
1	PowerOne AuroraPVI-6000 inverter	1	PowerOne AuroraPVI-6000 inverter
1	Itron Centron meter	1	Itron Centron meter
0.006	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.*

Fisher – Installer Information		Melinda Realty – Installer Information	
Name	Frase Electric, LLC	Harmony Energy Works, Inc.	
Address	789 Whittier Highway	10 Gale Road	
City, ST, Zip	South Tamworth, NH 03883	Hampton, NH 03842	
License #	4146M	NABCEP #032611-147	
Shanks – Installer Information		Havell – 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.*

Fisher – Equipment Vendor	Melinda Realty – Equipment Vendor
Same as installer.	Same as installer.
Shanks – Equipment Vendor	Havell – 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 the 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.* 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	Fisher	Melinda Realty
Utility	Public Service Company of New Hampshire	Public Service Company of New Hampshire
Date of Electrical Inspection	April 01, 2013	February 04, 2013
Applicant	Shanks	Havell
Utility	Public Service Company of New Hampshire	Public Service Company of New Hampshire
Date of Electrical Inspection	March 30, 2013	March 26, 2013

7. *An attestation by the applicant that the project is installed and operating in conformance with any applicable building codes.* Affidavits were signed by George Havell, Joseph Shanks, and Joel Fisher for their respective facilities. An affidavit signed by Stephen Hirsh was provided for the Melinda Realty facility.
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.

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

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 Fisher, Melinda Realty, Shanks, and Havell 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 May 08, 2013, for Fisher and May 14 2013 for Shanks, Melinda Realty and Fisher.