


STATE OF NEW HAMPSHIRE


Intra-Department Communication

DATE: March 7, 2014
AT (OFFICE): NHPUC

FROM: Barbara Bernstein 
 Sustainable Energy Analyst

SUBJECT: Application for Certification as REC Eligible Facilities – Solar Farm Bank
 DE 14-046 Jon Marquis
 DE 14-047 Andre Chaput
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 February 12, 2014 the Commission received applications from Solar Farm Bank, LLC (SFB) on behalf of Jon Marquis (Marquis), and Andre Chaput (Chaput) requesting Commission approval for New Hampshire Class II Renewable Energy Certificate (REC) eligibility for photovoltaic (PV) arrays pursuant to RSA 362-F, New Hampshire's Electric Renewable Portfolio Standard law.¹ Certification of these facilities will enable SFB 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 Marquis and Chaput PV arrays as part of the SFB's Class II eligible facilities' aggregation effective February 12, 2014.

Analysis

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

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 SFB as an aggregator of RECs on February 05, 2013, DE 12-343.

1. *The names and addresses of the applicants.*

Name	Facility Address	City	State	Zip
Marquis	827 Davis Hill Road	Conway	NH	03813
Chaput	9 Englewood Drive	Hillsboro	NH	03244

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:*

Marquis		Chaput	
Quantity	Equipment Type	Quantity	Equipment Type
45	OPT265-60-4-100 Suniva 265w panels	42	SunPower SPR 240E panels
2	PVI-6000-OUTD-US Power One inverter	42	Enphase M210-84-240-512
1	Itron Centron Solid State Digital meter	3	DP Top Pole Mount DP-TPM8-SPR210/220/230
		1	DP Top Pole Mount DP-TPM8-SPR220
		1	Itron Centron Solid State Digital meter
0.012	Nameplate Capacity (megawatts) ³	0.00882	Nameplate Capacity (megawatts) ⁴

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. The installer for the Marquis and the Chaput PV facilities was Frase Electric LLC. The licensed electrician for these facilities was Kim Frase; his master electrician license number is 4146M.*
4. *The name and contact information of the seller of the applicable generation or heating equipment. The installer and the equipment vendor were one and the same for both facilities.*
5. *The name and contact information of the independent monitor of the source. These facilities are both 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 Unlimited will monitor both of these facilities' output pursuant to N.H. Code of Administrative Rules Puc 2505.08 and 2505.09.*

³ Verified by PSNH.

⁴ PSNH verified that the Chaput project was completed in two phases; the first was 3.78 kW, the second 5.04 kW for a total installed capacity of 8.82kW.

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*
Marquis	PSNH	Interconnection Standards for Inverters sized up to 100 KVA, Simplified Process Interconnection Application & Service Agreement	01-03-14
Chaput	PSNH	Interconnection Standards for Inverters sized up to 100 KVA, Simplified Process Interconnection Application & Service Agreement	08-12-11

* 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 Jon P. Marquis was provided for the Marquis facility; an affidavit signed by Andre Chaput was provided for the Chaput facility.*
8. *For an installation with electric output, documentation of the applicable distribution utility's approval of the installation.*

Applicant	Utility	Utility Approval	Date*
Marquis	PSNH	Exhibit B – Certification of Completion for Simplified Process Interconnections	12-20-13
Chaput	PSNH	Exhibit B – Certification of Completion for Simplified Process Interconnections	10-25-11

*The date of inspection by either the local electrical wiring inspector or 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. The GIS facility code assigned to SFB is NON 35889.

Recommendation

Staff has reviewed the applications for the Marquis and Chaput PV arrays and participation in SFB and can affirm both applications are complete pursuant to Puc 2505.08. Staff has determined that the Marquis and Chaput facilities meet the requirements for certification as Class II renewable energy sources. Further, Staff recommends Commission approval for these facilities as eligible Class II facilities to be included in the SFB aggregation effective February 12, 2014.

SERVICE LIST - EMAIL ADDRESSES - DOCKET RELATED

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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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
EXEC 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.