

STATE OF NEW HAMPSHIRE

Intra-Department Communication

DATE: March 20, 2014**AT (OFFICE):** NHPUC**FROM:** Barbara Bernstein 
Sustainable Energy Analyst**SUBJECT:** Application for Certification as REC Eligible Facilities – Solar Farm Bank
DE 14-057 Corin Wright
DE 14-058 Lyn Lindpaintner
DE 14-059 Sam Pylypczuk
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 March 3, 2014 the Commission received applications filed by Solar Farm Bank, LLC (SFB) on behalf of Corin Wright (Wright), Lyn Lindpaintner (Lindpaintner) and Sam Pylypczuk (Pylypczuk) 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 has recommended that the Commission approve the Wright, Lindpaintner, and Pylypczuk PV arrays as part of SFB's Class II eligible facilities' aggregation effective March 3, 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
Wright	96 Colonial Daniels Drive	Bedford	NH	03110
Lindpaintner	39 Via Tranquilla	Concord	NH	03301
Pylypczuk	14 Cloudview Drive	Moultonboro	NH	03254

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:*

Wright		Lindpaintner	
Quantity	Equipment Type	Quantity	Equipment Type
44	Suniva Optimus 60-4-100 Panels	80	Suniva OPT265-60-4-100 panels
44	Enphase M215 Micro inverters	4	PowerOne PVI-6000-OUTD-US-A
1	HialeahMeter#93147125	1	PowerOne PVI-DESKTOP Monitor
		1	PowerOne VSN-MGR-RES-PI Aurora Logger Residential
		1	Itron Centron Solid State Digital meter
0.009465	Nameplate Capacity (megawatts) ³	0.0212	Nameplate Capacity (megawatts) ⁴
Pylypczuk			
Quantity	Equipment Type		
30	SunPower X21-345 panels		
2	PowerOne 5000W Inverters		
1	Itron Centron Solid State Digital meter		
0.00966	Nameplate Capacity (megawatts) ⁵		

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 Wright facility was Revision Energy; the electrician was William Levay, (master electrician license number 13139M). The installer for the Lindpaintner and Pylypczuk PV facilities was Frase Electric LLC; the electrician was Kim Frase (master electrician license number 4146M).*
4. *The name and contact information of the seller of the applicable generation or heating equipment. The installers and the equipment vendors were one and the same for all three facilities.*
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. All three applications state that Paul*

³ The Wright system was completed in two phases; the nameplate capacity rating of the first phase was 4.09 kW and 5.375 kW for the second phase totaling 9.465 kW.

⁴ As listed in the Unitil Certificate for (Standard Process) Interconnections.

⁵ Based on the inverter rating and verified by NHEC.

Button, Energy Audits Unlimited will monitor the output of these facilities pursuant to N.H. Code of Administrative Rules Puc 2505.08 and 2505.09.

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*
Wright	PSNH	Interconnection Standards for Inverters sized up to 100 KVA, Simplified Process Interconnection Application & Service Agreement	08-22-13
Lindpaintner	Unitil	Generating Facility (Standard Process) Interconnection Application	09-28-13
Pylypczuk	NHEC	Interconnection application-Renewable Generation up to 1000 kW	02-11-14

* 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.* An affidavit signed by Corin Wright was provided for the Wright facility. Lyn Lindpaintner signed an affidavit for the Lindpaintner facility, and Sam Pylypczuk signed the affidavit for the Pylypczuk facility.
8. *For an installation with electric output, documentation of the applicable distribution utility's approval of the installation.*

Applicant	Utility	Utility Approval	Date*
Wright	PSNH	Exhibit B – Certification of Completion for Simplified Process Interconnections	08-22-13
Lindpaintner	Unitil	Certification of Completion for (Standard Process) Interconnections	01-15-14
Pylypczuk	NHEC	Scott McNeil provided utility signature 02-11-14; Donald E. Cahoon, Town of Moultonborough Inspector signed 2-10-14	02-10-14

*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 Wright, Lindpaintner, and Pylypczuk PV arrays and participation in SFB and can affirm these applications are complete pursuant to Puc 2505.08. Staff has determined that these facilities meet the requirements for certification as Class II renewable energy sources. Further, Staff recommends Commission approval for the Wright, Lindpaintner, and Pylypczuk facilities as eligible Class II facilities to be included in the SFB aggregation effective March 3, 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
EXECUTIVE DIRECTOR
NHPUC
21 S. FRUIT ST, SUITE 10
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- 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.