

STATE OF NEW HAMPSHIRE

Intra-Department Communication

DATE: October 8, 2012
AT (OFFICE): NHPUC

FROM: Barbara Bernstein *BB*
Sustainable Energy Analyst

SUBJECT: DE 12-244, Revolution Energy LLC's Request for Class II Eligibility for the Photovoltaic Array at the Exeter Waste Water Treatment Plant, Exeter, NH Pursuant to RSA 362-F.
Staff Recommends Eligibility be Granted.

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
Suzanne Amidon, Staff Attorney



Summary

On July 31, 2012, Revolution Energy LLC (Revolution Energy) submitted an application requesting Class II certification for the .05 megawatt (MW) photovoltaic facility at the Exeter Waste Water Treatment Plant (Exeter WWTP) facility pursuant to RSA 362-F, New Hampshire's Renewable Portfolio Standard law. Staff reviewed the certification request and requested additional information on September 6, 2012. Information to complete the application was received on September 14, 2012; staff has determined that the application now complies with the New Hampshire Code of Administrative Rules Puc 2500 and recommends Commission approval for the Exeter Waste Water Treatment Plant as a Class IV renewable energy source effective September 14, 2012.

Analysis

To qualify as a facility eligible to produce RECs, Puc 2505.02 (b) requires the source to provide the following:

1. *The name, address and contact information of the applicant:* The applicant is Revolution Energy, 208 Market Street, Suite 30, Portsmouth, NH, 03801. The name of the facility is the Exeter WWTP; it is located at 13 Newfields Road, Exeter, NH 03833.
2. *A complete list of the equipment used at the facility, including the meter and, if applicable, the inverter:* The Exeter WWTP utilizes the following equipment:

- a. 208 Kyocera KD240GX-LPB 240 Watt panels
 - b. A PV Powered PVP50KW Grid Tied Inverter with a 50 KW output; and,
 - c. A Shark 100 Revenue Grade Integrated Inverter.
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:* Evan Jones Electric (License number 11337), 72 Patch Hill Road, Milford, NH 03055.
4. *The name and contact information of the seller of the applicable generation or heating equipment:* AltE Direct, 43 Broad Street, Hudson, MA 01749.
5. *The name and contact information of the independent monitor of the source:* The independent monitor is Thomas Kelly, 2 Suncook Terrace #36, Merrimack, NH 03054.¹
6. *A copy of the interconnection agreement pursuant to Puc 307.06, if applicable, between the applicant and the distribution utility:* A letter from Unitil to Revolution Energy, dated June 20, 2012 states that the Exeter WWTP is authorized to energize their PV system and interconnect to the Unitil Electric System.
7. *An attestation by the applicant that the project is installed and operating in conformance with any applicable building codes:* An attestation signed by Clayton R. Mitchell, Revolution Energy stating that the project has been installed and is operating in conformance with any applicable building and electrical codes was provided.
8. *For an installation with electric output, documentation of the applicable distribution utility's approval of the installation.* A letter from Unitil to Revolution Energy, dated June 20, 2012 provides 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 Exeter WWTP is NON 34314.

Recommendation

Staff has reviewed the Exeter WWTP photovoltaic application for Class II certification and can affirm it is complete pursuant to N. H. Code Admin. Rule Puc 2500. Staff recommends that the Commission certify the Exeter WWTP photovoltaic facility as being eligible for Class II RECs effective September 14, 2012, the date on which Staff was able to make a determination that the facility met the requirements for certification as a Class II renewable energy source.

¹ Thomas Kelly was approved as an independent monitor, 09-26-2011, DE 11-190.