


# STATE OF NEW HAMPSHIRE

## Intra-Department Communication


**DATE:** July 16, 2012  
**AT (OFFICE):** NHPUC

**FROM:** Barbara Bernstein   
Sustainable Energy Analyst

**SUBJECT:** Re: **Docket No. DE 12-177**

- Toray Plastics (America), Inc.'s Request for Class II Eligibility for the Photovoltaic Array at Toray Solar #1, 50 Belver Avenue, North Kingstown, RI 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*

Staff has reviewed the Toray Plastics (America), Inc. (Toray Plastics) application requesting certification of its 405 kilowatt (kW) photovoltaic array and determined that it meets the eligibility requirements under RSA 362-F:4, II as a Class II photovoltaic facility and complies with the New Hampshire Code of Administrative Rules Puc 2505.08. Staff recommends Commission certification of this facility as a Class II renewable energy source effective July 02, 2012.

### *Analysis*

On July 02, 2012, the PUC received an application requesting that the Toray Plastics photovoltaic facility be granted eligibility for Class II RECs. Staff has determined the application was complete at that time.

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

1. *The name and address of the applicant:* The applicant is Toray Plastics (America), Inc., c/o Steve Kerr, 50 Belver Avenue, North Kingstown, RI 02852.
2. *The name and location of the facility:* The name of the facility is Toray Solar #1; it is located at 50 Belver Avenue, North Kingstown, RI 02852.

3. *The ISO-New England asset identification number, if available:* None of Toray Solar #1's electrical output is sold to Narragansett Electric Company, therefore, none of its production is reported to ISO-New England. See paragraph 13 for additional information.
4. *The GIS facility code, if available:* The GIS facility code is NON 33408.
5. *A description of the facility, including fuel type, gross nameplate generation capacity, the initial commercial operation date, and the date it began operation, if different:*  
The three-phase 405 kW PV system consists of one (1)-375 kW, 480 volt SatCon PowerGate Plus 375 inverter, one (1)-30 kWm 480 volt SatCon PowerGate Plus inverter, W-OPEL International PV modules, and associated equipment. The facility commenced operation on August 22, 2011.
6. *(N/A – pertains to biomass sources.)*
7. *All other necessary regulatory approvals, including any reviews, approvals or permits granted by the department.* Regulatory approvals and permits include
  - a. The State of Rhode Island and Providence Plantations (RI), Department of Administration Capital Projects and Property Management, Building Code Commission Letter of Completion;
  - b. A RI Building Permit # B-3267; and,
  - c. A RI Electrical Permit #E-5406.
8. *Proof that the applicant either has an approved interconnection study on file with the commission, is a party to a currently effective interconnection agreement, or is otherwise not required to undertake an interconnection study.* A Narragansett Electric Company Standards for Connecting Distributed Generation, Interconnection Service Agreement was provided.
9. *(N/A – pertains to biomass sources.)*
10. *A description of how the generation facility is connected to the distribution utility.*  
Toray Solar #1 is interconnected to Narragansett Electric Company's local distribution system that runs along Belver Street in North Kingston, RI.
11. *A statement as to whether the facility has been certified under another non-federal jurisdiction's renewable portfolio standard and proof thereof.* Toray Solar #1 has been certified in both the Commonwealth of Massachusetts and RI as a Class I new-renewable resource.
12. *A statement as to whether the facility's output has been verified by ISO New England.*  
Since none of the Toray Solar #1's electrical output is sold to Narragansett Electric Company, none of its production is reported to ISO New England.

13. *A description of how the facility's output is reported to the GIS if not verified by ISO New England.* Toray Solar #1's electrical output is verified by William P. Short III through account #NON 33408. Mr. Short, who has been certified as a Third-Party Meter Reader by the RI Public Utilities Commission, enters the information into the NEPOOL GIS system. (Mr. Short has also been certified as an Independent Monitor by the Commission).
14. *An affidavit by the owner attesting to the accuracy of the contents of the application.* An affidavit signed by Stever Kerr, Mechanical Engineer, Toray Plastics was provided.
15. *The name and telephone number of the facility's operator, if different from the owner.* The owner and the operator are the same.
16. *Such other information as the applicant wishes to provide to assist in classification of the generating facility.* All information required to complete the application was included.

#### ***Recommendation***

Staff has reviewed the Toray Solar #1 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 Toray Solar #1 photovoltaic facility as being eligible for Class II RECs effective July 02, 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.