





**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
ENERGY FACILITY SITING BOARD**

**IN RE: INVENERGY THERMAL DEVELOPMENT LLC                    :**  
**APPLICATION TO CONSTRUCT AND                                :**  
**OPERATE THE CLEAR RIVER ENERGY                         :**       **SB-2015-06**  
**CENTER, BURRILLVILLE, RHODE ISLAND                    :**

**INVENERGY THERMAL DEVELOPMENT LLC'S SUPPLEMENTAL RESPONSES TO  
THE OFFICE OF ENERGY RESOURCES' THIRD SET OF DATA REQUESTS**

RESPONDENT:                Ryan Hardy, PA Consulting Group

Date:                         June 23, 2017



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OER 3-3:                               Please provide an updated analysis of the Invenergy’s proposed CREC project, using the most currently available information on New England and New York markets, including the updates identified in Data Request 3-1. Provide the following information derived from PA’s market model in electronic spreadsheet format with all cell formats and cell references intact.

(a) Provide the annual change in CO<sub>2</sub>, NO<sub>x</sub>, and SO<sub>2</sub> emissions ascribable to the addition of CREC across New England and New York.

(b) Provide the emissions of CO<sub>2</sub> for each control area or RTO across the study region, other than New England and New York, for each year of the forecast, with and without CREC.

(c) Provide the fuel use by type (including but not limited to natural gas, coal, distillate fuel oil, kerosene, jet fuel, residual fuel oil), for each year of the forecast, with and without CREC.

(d) The data should cover the same years for which Invenergy provides CO<sub>2</sub> impact results.

For each technology type listed below, provide the annual MWh of generation with and without CREC, for ISO-NE and NYISO.

- (1) Combined cycle plants
- (2) Combustion turbines
- (3) Oil-fired steam plants
- (4) Coal-fired plants
- (5) Nuclear
- (6) Wind
- (7) Hydro (excluding pumped storage)
- (8) Solar
- (9) Imports
- (10) Biomass, landfill gas
- (11) Other

(e) Provide the total annual generation (MWh) for the Rhode Island zone

APRIL 25, 2017  
RESPONSE 3-3:                               As noted above, PA has not yet evaluated the impact of revised market assumptions, but plans to update its analysis in early May 2017, following the release of ISO-NE’s updated load forecast.



INVENERGY THERMAL DEVELOPMENT LLC  
By its Attorneys,

/s/ Alan M. Shoer

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Dated: June 23, 2017

**CERTIFICATE OF SERVICE**

I hereby certify that on June 23, 2017, I delivered a true copy of the foregoing responses to Office of Energy Resources' Data Requests via electronic mail to the parties on the attached service list.

/s/ Alan M. Shoer



**SB-2015-06 Invenergy CREC Service List as of 06/19/2017**

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# **EXHIBIT A**

**(REDACTED)**

# **EXHIBIT B**

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