



16 Woodruff Hill Road
Oxford, CT 06478

Sent via email Melanie.Bachman@ct.gov

February 20,2024

Ms. Melanie Bachman
Executive Director
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

Re: Connecticut Siting Council Review of the Ten-Year Forecast of Connecticut Electric Loads and Resources, 2023 Forecast Reports – Electric Generating Facilities.

Dear Ms. Bachman:

Pursuant to the requirements of Connecticut General Statutes §16-50r, CPV Towantic, LLC submits the attached report of its ten year forecast of loads and resources. Please contact me with any questions.

Sincerely,

Donald G. Atwood
Asset Manager Representative
Competitive Power Ventures, Inc.

cc: Franca DeRosa, Esquire
Larry Hawk, Plant Manager
Michael LeFleur, CTDEEP *Michael.LaFleur@ct.gov*

REPORT OF FORECAST OF LOADS AND RESOURCES
CPV TOWANTIC, LLC

Pursuant to the requirements of Section 16-50r of the General Statutes, CPV Towantic, LLC as a private power producer submits the following:

(1) A tabulation of estimated peak loads, resources and margins for each year.

CPV Towantic, LLC is a 785 MW (nominal) electric generating facility located in Oxford, Connecticut. The facility supplies electricity to the regional grid through a 2x1 combined cycle configuration. As a wholesale supplier of energy in New England, our projected load is intended to precisely balance our resources with no margin. Therefore, we expect loads and resources to be balanced at 785 MW over the Connecticut Siting Council's study period.

(2) Data on energy use and peak loads for the five preceding calendar years.

Year	Load (MW)	Energy (MWh)
2019	785	3,960,141
2020	785	5,319,489
2021	785	5,551,216
2022	785	4,937,415
2023	785	5,550,594

(3) A list of existing generating facilities in service.

CPV Towantic, LLC Combustion Turbine 1	262 MW (nominal)
CPV Towantic, LLC Combustion Turbine 2	262 MW (nominal)
CPV Towantic, LLC Steam Turbine	281 MW (nominal)
Auxiliary Power	<u>(20) MW</u> (nominal)
Total	785 MW (nominal)

(4) A list of scheduled generating facilities for which property has been acquired, for which certificates have been issued and for which certificate applications have been filed.

None.

(5) A list of planned generating units at plant locations for which property has been acquired, or at plant locations not yet acquired, that will be needed to provide estimated additional electrical requirement, and the location of such facility.

None.

(6) A list of planned transmission lines on which proposed route reviews are being undertaken for which certificate applications have already been filed.

Not applicable.

- (7) A description of the steps taken to upgrade the existing facilities and to eliminate overhead transmission and distribution lines in accordance with the regulations and standards described in Section 16-50t.**

Not applicable.

- (8) For each private power producer having a facility generating more than one megawatt and from whom the person furnishing the report has purchased electricity during the preceding calendar year, a statement including the name, location, size and type of generating facility, fuel consumed by the facility and the byproduct of the consumption.**

Not applicable.