

February 26, 2024

Via Electronic Mail

Attn: Melanie Bachman, Esq.
Executive Director and Staff Attorney
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: 2024 Quinebaug Solar, LLC Annual Report for the Connecticut Siting Council Review of Ten-Year Forecast of Connecticut Electric Loads and Resources

Dear Ms. Bachman:

Pursuant to provisions of Section 16-50r of the Connecticut General Statutes, Quinebaug Solar, LLC (“Quinebaug”) submits the attached report of its ten-year forecast of loads and resources for the Quinebaug Solar Facility, a 50-megawatt AC solar photovoltaic electric generating facility in Canterbury, CT (Petition No. 1310A)

Please contact me at 561-694-4733 or via email at Laura.Pena@nexteraenergy.com with questions or if additional information is needed.

Thank you for your consideration,

Laura Peña

Laura Peña
Business Manager

Cc:
Tracy L. Backer

**2024 QUINEBAUG SOLAR, LLC
ANNUAL REPORT FOR THE CONNECTICUT SITING COUNCIL
REVIEW OF TEN-YEAR FORECAST OF CONNECTICUT ELECTRIC LOADS AND
RESOURCES**

Pursuant to the provisions of Section 16-50r of the Connecticut General Statutes, Quinebaug Solar, LLC (“Quinebaug”) hereby submits this report of its ten-year forecast of loads and resources:

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

The Quinebaug Solar Facility (the “Facility”) has the capacity to generate 49.36 megawatts (MW) AC of electricity. As a wholesale power producer, Quinebaug does not have a franchise territory within which it would estimate peak load requirements or margins for the period, and therefore, no such estimates are offered.

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

Quinebaug received its permission to operate from the interconnecting utility company (Eversource) on December 27, 2021. Prior to 2021, the Facility was not operational. Quinebaug generated 76,248.22 MWh in 2023, 84,423.73 MWh in 2022 and 842 MWh in 2021.

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

The Facility is Quinebaug Solar, LLC’s sole power generating asset in Connecticut and has the capacity to generate 49.36 MW AC of electricity.

(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 requirements, and the location of such facilities.

None

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

None

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

None

(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, the fuel consumed by the facility and the by-product of the consumption.

Not applicable.