

Sydney Solar, LLC

March 27, 2023

Via Electronic Mail

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

Re: 2023 Sydney Solar, LLC Annual Report for the Connecticut Siting Council Review of Ten-Year Forecast of Connecticut Electric Loads and Resources

Dear Attorney Bachman,

Pursuant to provisions of Section 16-50r of the Connecticut General Statutes, Sydney Solar, LLC ("Sydney") submits the attached report of its ten-year forecast loads and resources for the Sydney Solar facility, a 2.0-megawatt AC Solar photovoltaic ground-mounted electric generating facility located in Hampton, CT (Petition No. 1222).

Please contact me at (612) 655-9737 or via email at [blake.nicholson@ecosenergy.com](mailto:blake.nicholson@ecosenergy.com) with questions or if additional information is necessary.

Sincerely,

A handwritten signature in black ink, appearing to read "Blake Nicholson".

Blake Nicholson  
Senior Project Developer  
Authorized Representative

2023 SYDNEY SOLAR, LLC  
ANNUAL REPORT FOR THE CONNECTICUT SITING COUNCIL  
REVIEW OF TEN-YEAR FORECAST OF CONNECTICUT ELECTRIC LOADS AND RESOURCES

Pursuant to provisions of Section 16-50r of the Connecticut General Statutes, Sydney Solar, LLC ("Sydney") hereby submits this report of its ten-year forecast loads and resources. Each response is preceded by the requirement from that statute.

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

The Sydney Solar facility has the capacity to generate 2.0 megawatts (MW) AC of electricity. As a wholesale power producer, Sydney 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 provided.

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

Sydney received its permission to operate from the interconnection utility company (Eversource) on July 3, 2020. Prior to 2020, the facility was not operational. The 2021 power generated is 2,742.7MWh, and the 2022 power generated is 2,899.5MWh.

- 3) *A list of existing generating facilities in service.*

The facility is Sydney Solar LLC's sole power generating asset in Connecticut and has the capacity to generate 2.0 megawatts (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.