

April 20, 2026

VIA ELECTRONIC DELIVERY

Melanie Bachman
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

RE: 2026 Forecast of Loads Report

Melanie and Siting Council -

Pursuant to Connecticut General Statutes § 16-50r, please see the below reports for seven solar photovoltaic facilities operated by Solar Star State of CT Solar 1, LLC, in the State of Connecticut.

Best regards,

Derek Suerig
derek.suerig@totalenergies.com

Solar Star State of CT Solar I, LLC
4330 Gaines Ranch Loop, Suite 100
Austin, TX 78735

Solar Star State of CT Solar 1, LLC
531 Taylor Road / 289 and 391 Shaker Road
Enfield, CT 06082
CTGB Enfield

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

The Facility has the capacity to generate 180.83 (kWp) of electricity.

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

The facility was placed in service on 1/23/2025.

During the period of 1/23/2025 to 12/31/2025, the facility generated 244,371.0 kWh of electricity.

3) A list of existing generating facilities in service.

CTGB Enfield is a solar facility with a 180.83 (kWp) output capacity and was approved by the State of CT PURA on 2/19/2025 as a Class I renewable energy source.

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.

**Solar Star State of CT Solar 1, LLC
335 Bilton Road / 100 Bilton Road
Somers, CT 06071
CTGB Osborn**

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

The Facility has the capacity to generate 2,267.33 (kWp) of electricity.

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

The facility was placed in service on 1/23/2025.

During the period of 1/23/2025 to 12/31/2025, the facility generated 3,014,114.4 kWh of electricity.

3) A list of existing generating facilities in service.

CTGB Osborn is a solar facility with a 2,267.33 (kWp) output capacity and was approved by the State of CT PURA on 2/19/2025 as a Class I renewable energy source.

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.

**Solar Star State of CT Solar 1, LLC
355 Shaker Road / 285 Shaker Road
Enfield, CT 06082
CTGB Robinson A**

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

The Facility has the capacity to generate 83.46 (kWp) of electricity.

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

The facility was placed in service on 1/23/2025.

During the period of 1/23/2025 to 12/31/2025, the facility generated 118,740.8 kWh of electricity.

3) A list of existing generating facilities in service.

CTGB Robinson A is a solar facility with a 83.46 (kWp) output capacity and was approved by the State of CT PURA on 2/19/2025 as a Class I renewable energy source.

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.

**Solar Star State of CT Solar 1, LLC
355 Shaker Road / 285 Shaker Road
Enfield, CT 06082
CTGB Robinson B**

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

The Facility has the capacity to generate 166.92 (kWp) of electricity.

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

The facility was placed in service on 1/23/2025.

During the period of 1/23/2025 to 12/31/2025, the facility generated 225,681.3 kWh of electricity.

3) A list of existing generating facilities in service.

CTGB Robinson B is a solar facility with a 166.92 (kWp) output capacity and was approved by the State of CT PURA on 2/19/2025 as a Class I renewable energy source.

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.

**Solar Star State of CT Solar 1, LLC
531 Taylor Road / 289 and 391 Shaker Road
Enfield, CT 06082
CTGB Willard**

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

The Facility has the capacity to generate 1,001.52 (kWp) of electricity.

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

The facility was placed in service on 2/28/2025.

During the period of 2/28/2025 to 12/31/2025, the facility generated 1,241,895.8 kWh of electricity.

3) A list of existing generating facilities in service.

CTGB Willard is a solar facility with a 1,001.52 (kWp) output capacity and was approved by the State of CT PURA on 3/26/2025 as a Class I renewable energy source.

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.

Solar Star State of CT Solar 1, LLC
900 Highland Ave
Cheshire, CT 06410
CTGB Maloney and Webster

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

The Facility has the capacity to generate 2,420.34 (kWp) of electricity.

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

The facility was placed in service on 2/06/2025.

During the period of 2/06/2025 to 12/31/2025, the facility generated 3,153,107.5 kWh of electricity.

3) A list of existing generating facilities in service.

CTGB M&W is a solar facility with a 2,420.34 (kWp) output capacity and was approved by the State of CT PURA on 3/26/2025 as a Class I renewable energy source.

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.

**Solar Star State of CT Solar 1, LLC
42 Jarvis Street
Cheshire, CT 06410
CTGB Manson Youth**

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

The Facility has the capacity to generate 2,197.78 (kWp) of electricity.

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

The facility was placed in service on 1/23/2025.

During the period of 1/23/2025 to 12/31/2025, the facility generated 2,925,460.9 kWh of electricity.

3) A list of existing generating facilities in service.

CTGB Manson Youth is a solar facility with a 2,197.78 (kWp) output capacity and was approved by the State of CT PURA on 2/19/2025 as a Class I renewable energy source.

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.