



February 22, 2024

**VIA ELECTRONIC DELIVERY**

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

**RE: 2023 Forecast of Loads Report**

Dear Attorney Bachman:

Please find attached reports on the eight (8) solar photovoltaic facilities operated by subsidiaries of Lodestar Energy LLC ("Lodestar") in the State of Connecticut required to report pursuant to Connecticut General Statutes § 16-50r.

Please contact me directly if you have any questions at [cortolano@lodestarenergy.com](mailto:cortolano@lodestarenergy.com) or (860) 539-5137.

Sincerely,

*Carrie L. Ortolano*

Carrie L. Ortolano  
General Counsel

Enclosures

**LSE Canes Venatici LLC  
40 Tower Lane Suite 201  
Avon, CT 06001**

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

The Facility has the capacity to generate 1.976 megawatts (MW) of electricity

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

The facility was placed in service at the end of December, 2017.

During the time period of January 1, 2019 to December 31, 2019, the facility generated 3,531.8 megawatt hours of electricity.

During the time period of January 1, 2020 to December 31, 2020, the facility generated 3,561.8 megawatt hours of electricity.

During the time period of January 1, 2021 to December 31, 2021, the facility generated 3,428.3 megawatt hours of electricity.

During the time period of January 1, 2022 to December 31, 2022, the facility generated 3,687.9 megawatt hours of electricity.

During the time period of January 1, 2023 to December 31, 2023, the facility generated 3,373.9 megawatt hours of electricity.

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

LSE Canes Venatici LLC, located at 80 Wapping Road, East Windsor, CT operates a solar facility with a 1.976 MW output capacity and was approved by the Council in petition #1294.

**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

**LSE Coma Berenices LLC  
40 Tower Lane Suite 201  
Avon, CT 06001**

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

The Facility has the capacity to generate 1.976 megawatts (MW) of electricity.

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

The facility was placed in service at the end of December, 2017.

During the time period of January 1 2019 to December 31 2019, the facility generated 3,525.4 megawatt hours of electricity.

During the time period of January 1 2020 to December 31 2020, the facility generated 3,544.8 megawatt hours of electricity.

During the time period of January 1, 2021 to December 31, 2021, the facility generated 3,454.4 megawatt hours of electricity.

During the time period of January 1, 2022 to December 31, 2022, the facility generated 3,668.7 megawatt hours of electricity.

During the time period of January 1, 2023 to December 31, 2023, the facility generated 3,428.7 megawatt hours of electricity.

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

LSE Coma Berenices LLC, located at 90 Wapping Road, East Windsor, CT operates a solar facility with a 1.976 MW output capacity and was approved by the Council in petition #1295.

**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.

**LSE Canis Major LLC  
40 Tower Lane Suite 201  
Avon, CT 06001**

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

The Facility has the capacity to generate 1.99 megawatts (MW) of electricity.

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

The facility was placed in service at the end of December, 2016.

During the time period of January 1 2019 to December 31 2019, the facility generated 3,597.8 megawatt hours of electricity.

During the time period of January 1 2020 to December 31 2020, the facility generated 3,513.8 megawatt hours of electricity.

During the time period of January 1, 2021 to December 31, 2021, the facility generated 3,313.5 megawatt hours of electricity.

During the time period of January 1, 2022 to December 31, 2022, the facility generated 3,766.9 megawatt hours of electricity.

During the time period of January 1, 2023 to December 31, 2023, the facility generated 3,518.8 megawatt hours of electricity.

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

LSE Canis Major, located at 138 Wendover Road, Suffield, CT operates a solar facility with a 1.99 MW output capacity and was approved by the Council in petition #1159.

**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.

**LSE Canis Minor LLC  
40 Tower Lane Suite 201  
Avon, CT 06001**

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

The Facility has the capacity to generate 1.00 megawatts (MW) of electricity.

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

The facility was placed in service at the end of December, 2016.

During the time period of January 1 2019 to December 31 2019, the facility generated 1,729.5 megawatt hours of electricity.

During the time period of January 1 2020 to December 31 2020, the facility generated 1,725.9 megawatt hours of electricity.

During the time period of January 1, 2021 to December 31, 2021, the facility generated 1,677.1 megawatt hours of electricity.

During the time period of January 1, 2022 to December 31, 2022, the facility generated 1,845.8 megawatt hours of electricity.

During the time period of January 1, 2023 to December 31, 2023, the facility generated 1,700.0 megawatt hours of electricity.

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

LSE Canis Minor, located at 31 New Hartford Road, Barkhamsted, CT operates a solar facility with a 1.00 MW output capacity and was approved via local zoning due to the size of the project.

**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.

**LSE Delphinus LLC  
40 Tower Lane Suite 201  
Avon, CT 06001**

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

The Facility has the capacity to generate 1.99 megawatts (MW) of electricity.

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

The facility was placed in service in early December, 2020.

During the time period of December 3, 2020 to December 31, 2020, the facility generated 58.4 megawatt hours of electricity.

During the time period of January 1, 2021 to December 31, 2021, the facility generated 3,417.1 megawatt hours of electricity.

During the time period of January 1, 2022 to December 31, 2022, the facility generated 3,665.1 megawatt hours of electricity.

During the time period of January 1, 2023 to December 31, 2023, the facility generated 3,341.6 megawatt hours of electricity.

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

LSE Delphinus LLC located at 0 Powder Hill Road, Enfield, CT operates a solar facility with a 1.99 MW output capacity and was approved by the Council in petition #1380.

**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.

**LSE Pictor LLC  
40 Tower Lane Suite 201  
Avon, CT 06001**

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

The Facility has the capacity to generate 1.99 megawatts (MW) of electricity.

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

The facility was placed in service in the middle of January, 2022.

During the time period of January 17, 2022 to December 31, 2022, the facility generated 3,692.7 megawatt hours of electricity.

During the time period of January 1, 2023 to December 31, 2023, the facility generated 3,747.3 megawatt hours of electricity.

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

LSE Pictor LLC located at 463 Platt Hill Rd, Winsted, CT 06098 operates a solar facility with a 1.99 MW output capacity and was approved by the Council in petition #1398A.

**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.

**LSE Phoenix LLC  
40 Tower Lane Suite 201  
Avon, CT 06001**

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

The Facility has the capacity to generate 1.99 megawatts (MW) of electricity.

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

The facility was placed in service in the middle of November, 2021.

During the time period of November 18, 2021 to December 31, 2021, the facility generated 1.13 megawatt hours of electricity.

During the time period of January 1, 2022 to December 31, 2022, the facility generated 3,646.5 megawatt hours of electricity.

During the time period of January 1, 2023 to December 31, 2023, the facility generated 3,484.2 megawatt hours of electricity.

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

LSE Phoenix LLC located at 100 Sand Road, Canaan, CT 06018 operates a solar facility with a 1.99 MW output capacity and was approved by the Council in petition #1412.

**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.

**LSE Indus LLC  
40 Tower Lane Suite 201  
Avon, CT 06001**

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

The Facility has the capacity to generate 2.00 megawatts (MW) of electricity

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

The facility was placed in service in the middle of April, 2023.

During the time period of April 20, 2023 to December 31, 2023, the facility generated 2,448.1 megawatt hours of electricity.

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

LSE Indus LLC, located at 81 East Main Street, North Canaan, CT operates a solar facility with a 2.00 MW output capacity and was approved by the Council in petition #1469.

**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