



Report on Forecast of Loads and Resources

CT – Bridgeport Fuel Cell

Filed Pursuant to Connecticut General Statutes § 16-50r

Submitted to:

Connecticut Siting Council

10 Franklin Square, New Britain, CT 06051

Submitted by:

Fuel Cell PPA SCEF Tariff UI LLC

40 West 51st Street, #5412, New York, NY 10020-1606

Filing Date: June 2026

Report Period: Ten-Year Forecast Period: 2026–2035



June 9, 2026

Ms. Melanie A. Bachman, Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051
siting.council@ct.gov

Re: Connecticut Siting Council Review of the Ten-Year Forecast of Connecticut Electric Loads and Resources — Fuel Cell PPA SCEF Tariff UI LLC Annual Report (CT – Bridgeport Fuel Cell) — 2026

Dear Ms. Bachman:

Fuel Cell PPA SCEF Tariff UI LLC (“CT – Bridgeport Fuel Cell” or the “Company”) hereby submits this annual report to the Connecticut Siting Council (the “Council”) on the forecast of loads and resources for the CT – Bridgeport Fuel Cell generating facility. This report is filed pursuant to **Connecticut General Statutes § 16-50r**, which requires every person generating electric power in Connecticut utilizing a generating facility with a capacity greater than one megawatt to file an annual forecast report with the Council.

The CT – Bridgeport Fuel Cell is a **4 MW (AC) natural gas solid oxide fuel cell facility** located at the Bunnell Block site in Bridgeport, Connecticut, interconnected to the United Illuminating Company (UI) distribution system. The facility achieved commercial operation in January 2026 under the Connecticut Shared Clean Energy Facility (SCEF) Program. As this is the facility's inaugural year of commercial operation, this filing represents the Company's initial 00a7 16-50r report for this site.

This report is provided electronically to the Council at siting.council@ct.gov. An original and fifteen (15) copies will be mailed to the Council in accordance with the Council's filing requirements.

Please contact the undersigned with any questions regarding this filing.

Very truly yours,

Signed by:

Richard Dove,
DF448E28D6144BA

Chief Executive Officer
Fuel Cell PPA SCEF Tariff UI LLC 40 West 51st Street, #5412,
New York, NY 10020-1606



Ten-Year Forecast of Connecticut Electric Loads and Resources

2026 Annual Report — CT — Bridgeport Fuel Cell

Fuel Cell PPA SCEF Tariff UI LLC | Filed Pursuant to C.G.S. § 16-50r

Note on Initial Filing:

The CT – Bridgeport Fuel Cell achieved commercial operation in January 2026. This is Fuel Cell PPA SCEF Tariff UI LLC’s initial annual § 16-50r filing for this facility. This report is being submitted following energization to establish the filing record with the Connecticut Siting Council.

1. Tabulation of Estimated Peak Loads, Resources, and Margins

The CT – Bridgeport Fuel Cell is a baseload generator designed for continuous, non-intermittent operation. As a solid oxide fuel cell (SOFC) system, it does not participate in ISO-NE's Seasonal Claimed Capability (SCC) reporting as a traditional dispatchable generator. The following summarizes the facility's operational parameters for planning purposes:

Parameter	Value / Description
Nameplate Capacity	4 MW AC (gross)
Operating Mode	Baseload — continuous, non-intermittent generation
Capacity Factor (Est.)	97%
Est. Annual Energy Output	33,995 MWh
Summer Peak Output (MW)	4MW AC
Winter Peak Output (MW)	4MW AC
Fuel Type	Natural Gas (pipeline quality)
Technology	Solid Oxide Fuel Cell (SOFC) — Bloom Energy
Commercial Operation Date	January 2026
Forecast Period	2026–2035



The facility is expected to operate at stable output throughout the forecast period. No material derating or capacity changes are projected. Fuel Cell PPA SCEF Tariff UI LLC does not anticipate retiring, expanding, or modifying the facility during the ten-year forecast period absent a separate notification to the Council.

2. Data on Energy Use and Peak Loads for the Five Preceding Calendar Years

The CT – Bridgeport Fuel Cell achieved commercial operation in January 2026. Historical production data for prior calendar years (2021–2025) is not applicable. This section will be populated in future annual filings as operating history accumulates.

Year	Peak Load (MW)	Energy Produced (MWh)	Capacity Factor (%)	Notes
2021	N/A	N/A	N/A	Pre-COD
2022	N/A	N/A	N/A	Pre-COD
2023	N/A	N/A	N/A	Pre-COD
2024	N/A	N/A	N/A	Pre-COD
2025	N/A	N/A	N/A	Pre-COD (COD Jan 2026)

3. List of Existing Generating Facilities in Service

Fuel Cell PPA SCEF Tariff UI LLC owns and operates the following generating facility in the State of Connecticut with a capacity greater than one megawatt:

Field	Detail
Facility Name	CT – Bridgeport Fuel Cell
Owner / Operator	Fuel Cell PPA SCEF Tariff UI LLC
Site Address	1225 Central Ave, Bridgeport, Connecticut 06607
Technology Type	Solid Oxide Fuel Cell (SOFC) — Bloom Energy
Primary Fuel	Natural Gas



Field	Detail
By-Product of Consumption	Carbon Dioxide (CO ₂); trace water vapor. No useful thermal energy recovered (electricity-only configuration).
Nameplate Capacity (AC)	4 MW AC
ISO-NE Status	SCEF Program asset; interconnected to UI distribution system
CSC Petition No.	N/A — Permitted locally by City of Bridgeport
Commercial Operation Date	January 2026
Interconnecting Utility	The United Illuminating Company (UI)
Interconnection Voltage	12.8 kV
Off-take Arrangement	Power Purchase Agreement — Connecticut SCEF Program
Thermal Recovery	None — electricity-only facility; no external CHP hookup

4. List of Scheduled Generating Facilities

Fuel Cell PPA SCEF Tariff UI LLC or its affiliates have no additional Connecticut generating facilities currently scheduled for construction for which property has been acquired, certificates have been issued, or certificate applications have been filed as of the date of this report.

5. List of Planned Generating Units

Fuel Cell PPA SCEF Tariff UI LLC has no additional planned generating units in Connecticut at plant locations for which property has been acquired, or at plant locations not yet acquired, that are needed to provide estimated additional electrical requirements during the forecast period. Certain affiliates of Fuel Cell PPA SCEF Tariff UI LLC, to wit, DE Suffield FC LLC, DE New London FC LLC and DE Vernon FC LLC are developing and plan to construct and operate certain fuel cell projects in Connecticut with output to be delivered to Eversource. Target COD for these projects is on or before end of Q1 2028.

6. List of Planned Transmission Lines

Not applicable. Fuel Cell PPA SCEF Tariff UI LLC does not own, operate, or plan to construct electric transmission lines in Connecticut.

7. Steps to Upgrade Existing Facilities and Eliminate Overhead Lines



Not applicable. Fuel Cell PPA SCEF Tariff UI LLC does not own or operate electric transmission or distribution lines and is not subject to the overhead line elimination requirements of C.G.S. § 16-50t.

8. Private Power Producer Disclosure

Pursuant to C.G.S. § 16-50r(a)(8), persons furnishing forecast reports must disclose, for each private power producer having a facility generating more than one megawatt from whom the reporting entity purchased electricity during the preceding calendar year, a statement including the name, location, size and type of generating facility, the fuel consumed, and the by-product of consumption.

Fuel Cell PPA SCEF Tariff UI LLC and its affiliates do not purchase electricity from any private power producers. Fuel Cell PPA SCEF Tariff UI LLC sells electricity generated by the CT – Bridgeport Fuel Cell to The United Illuminating Company under a SCEF Program Power Purchase Agreement. This provision is therefore not applicable to Fuel Cell PPA SCEF Tariff UI LLC's generator filing role.



Certification

The undersigned, on behalf of Fuel Cell PPA SCEF Tariff UI LLC, certifies that the information contained in this annual forecast report is true, accurate, and complete to the best of their knowledge and belief, and that this report is filed in compliance with Connecticut General Statutes § 16-50r.

Signature: _____
Signed by: Richard Dover
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Richard Dover

Chief Executive Officer,
Fuel Cell PPA SCEF Tariff UI LLC

Date: June 9, 2026

[Confidential | Filed pursuant to C.G.S. § 16-50r]