

265 Church Street
New Haven, CT 06510
203.772.7700

BRUCE L. McDERMOTT
DIRECT: 203.772.7787
FAX: 203.772.7787
BMCDERMOTT@HARRISBEACHMURTHA.COM

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

Re: Connecticut Siting Council Review of the Ten-Year Forecast of Connecticut Electric Loads and Resources - FuelCell Energy, Inc.'s 2026 Annual Report

Dear Ms. Bachman:

Enclosed for filing with the Connecticut Siting Council ("Council") is FuelCell Energy, Inc's ("FCE") 2026 Annual Report of FCE's ten-year forecast on loads and resources.

An original and fifteen (15) copies of this filing will be mailed to the Council.

Should the Council have any questions regarding this filing, please do not hesitate to contact me.

Very truly yours,



Bruce L. McDermott

Enclosures

**Ten-Year Forecast of Connecticut Electric Loads and Resources for the
Connecticut Siting Council**

2026 Annual Report of FuelCell Energy, Inc.

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

Over the past 55 years, FuelCell Energy, Inc. together with its subsidiaries, has designed, manufactured, sold, installed, operated, and serviced fuel cells across the world. FuelCell's state-of-the-art fuel cells provide environmentally responsible solutions for various applications such as utility-scale and on-site power generation, carbon capture and local hydrogen production for both transportation and industry. The fuel cell systems are catered to meet the needs of customers across several industries including educational institutions, hospitals, municipalities and a variety of industrial and commercial enterprises.

See below (Response Nos. 2 and 3) for additional information about the generating facilities with a capacity greater than one megawatt ("MW") that are currently owned and/or operated by FuelCell and/or its subsidiaries.

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

Entity	2021		2022		2023		2024		2025	
	Peak Load (MW)	Energy Produced (MWhr)								
FuelCell Energy, Inc.									Up to 5	8,066
Dominion Bridgeport Fuel Cell, LLC	14	102,775	14	111,830	14	105,048	14	96,770	14	90,450
New Britain Renewable Energy, LLC	1.4	8,880	1.4	7,697	1.4	9,685	1.4	10,470	1.4	6,269
UB Fuel Cell, LLC	1.4	9,202	1.4	10,888	1.4	10,467	1.4	10,725	1.4	10,097
FuelCell Energy, Inc.	1.4	7,437	1.4	9,449	1.4	9,971	1.4	9,102	1.4	10,286
Groton Fuel Cell 1, LLC	5.6	39,151	5.6	38,460	5.6	41,908	5.6	28,127	5.6	40,200
TRS Fuel Cell, LLC	3.7	0	3.7	0	3.7	26	3.7	0	3.7	0
Broad Street Fuel Cell, LLC	1.4	10,845	1.4	9,219	1.4	8,835	1.4	11,546	1.4	11,069
Derby Fuel Cell, LLC							14	105,879	14	110,305
SCEF1 Fuel Cell, LLC							2.8	19,743	2.8	19,541

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

FuelCell Energy, Inc. operates an upgraded/modified fuel cell test facility located at 539 Technology Park Drive. However, the test facility might not generate 1 MW or more of electric power on an annual basis. (Petition Nos. 923/923A)

Dominion Bridgeport Fuel Cell, LLC operates a 14 MW fuel cell electric facility located on State Street, Bridgeport, Connecticut. (Petition No. 957)

New Britain Renewable Energy, LLC operates a 1.4 MW fuel cell combined heat and power generating facility located at near the existing Central Connecticut State University Energy Center between East Street, Wells Street and Paul Manafort Drive, New Britain, Connecticut. (Petition No. 1005)

UB Fuel Cell, LLC operates a 1.4 MW fuel cell combined heat and power facility located on the campus of the University of Bridgeport at 446 University Avenue, Bridgeport, Connecticut. (Petition No. 1109)

FuelCell Energy, Inc. operates a 1.4 MW fuel cell combined heat and power electric generating facility located at Pepperidge Farm, Inc. at 1414 Blue Hills Avenue, Bloomfield, Connecticut. (Petition No. 1202)

Groton Fuel Cell 1, LLC operates a 5.6 megawatt fuel cell combined heat and power electric generating facility located at the Pfizer Groton campus at 445 Eastern Point Road, Groton, Connecticut. (Petition No. 1214)

TRS Fuel Cell, LLC operates a 3.7 MW combined heat and power fuel cell facility located at 64 Triangle Street, Danbury, Connecticut. (Petition No. 1248)

Broad Street Fuel Cell, LLC operates a 1.4 MW customer-side combined heat and power fuel cell facility located adjacent to and south of the Ferris Athletic Center at Trinity College at 300 Summit Street, Hartford, Connecticut. (Petition No. 1317)

Derby Fuel Cell, LLC operates a 14.0 MW fuel cell facility and associated equipment located at 200 Roosevelt Drive, Derby, Connecticut. (Petition No. 1372)

SCEF1 Fuel Cell, LLC operates a 2.8 MW fuel cell facility and associated electrical interconnection located at 49 Coon Hollow Road, Derby, Connecticut. (Petition No. 1506)

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.**

Homestead Fuel Cell 1, LLC will operate a 7.5 MW fuel cell facility to be located at 235 Brainard Road, Hartford, Connecticut. (Petition No. 1676)

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.**

IPB Fuel Cell 2, LLC will operate a 1.125 MW customer-side fuel cell facility to be located on the campus of the University of Connecticut at 159 Discovery Drive, Storrs (Mansfield), Connecticut.

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

Not applicable.

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.**

Not applicable.

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.