



STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

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VIA ELECTRONIC MAIL

April 24, 2023

Kristen Grillo  
Bloom Energy Corporation  
4353 North First Street  
San Jose, CA 95134  
[Kristen.Grillo@bloomenergy.com](mailto:Kristen.Grillo@bloomenergy.com)

RE: **PETITION NO. 1561** - Bloom Energy Corporation petition for a declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed construction, maintenance and operation of a customer-side 350-kilowatt fuel cell facility and associated equipment to be located at Naugatuck Valley Community College, 750 Chase Parkway, Waterbury, Connecticut.

Dear Kristen Grillo:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than May 8, 2023. Please submit an original and 15 copies to the Council's office and an electronic copy to [siting.council@ct.gov](mailto:siting.council@ct.gov). In accordance with the State Solid Waste Management Plan and in accordance with Section 16-50j-12 of the Regulations of Connecticut State Agencies, the Council requests all filings be submitted on recyclable paper, primarily regular weight white office paper. Please avoid using heavy stock paper, colored paper, and metal or plastic binders and separators. Fewer copies of bulk material may be provided as appropriate.

**Please be advised that the original and 15 copies are required to be submitted to the Council's office on or before the May 8, 2023, deadline.**

Copies of your responses are required to be provided to all parties and intervenors listed in the service list, which can be found on the Council's website under the "Pending Matters" link.

Any request for an extension of time to submit responses to interrogatories shall be submitted to the Council in writing pursuant to §16-50j-22a of the Regulations of Connecticut State Agencies.

Sincerely,

Melanie Bachman  
Executive Director

MB/IN

c: Service List dated March 21, 2023

**Petition No. 1561**  
**Bloom Energy Corporation (Bloom)**  
**Naugatuck Valley Community College**  
**750 Chase Parkway**  
**Waterbury, Connecticut**  
**Interrogatories**

**April 24, 2023**

**Notice**

1. Referencing page 10 and Exhibit 8 of the Petition, has the City of Waterbury, the Town of Middlebury and/or any abutters provided comments to Bloom since the Petition filing? If so, please summarize the comments and how these comments were addressed.

**Project Development**

2. Is the project, or any portion of the project, proposed to be undertaken by state departments, institutions or agencies, or to be funded in whole or in part by the state through any contract or grant?
3. What is the estimated cost of the proposed project?
4. Referencing the Petition pages 1 and 7, the facility was selected as part of the LREC program under Connecticut General Statutes §16-244t. Was the facility selected as part of the Non-Residential Renewable Energy Solutions (NRES) Program, which is the successor to the LREC program as of June 30, 2021? If so, what are the differences in program administration and/or requirements for the facility?

**Proposed Site**

5. What is the distance and direction of the nearest off-campus residence from the proposed fuel cell facility?
6. What is the distance and direction from the proposed fuel cell facility to the Max R. Traurig Library?
7. Would the proposed facility be enclosed by a fence? Provide the design specifications of the proposed fence. Would bollards be used to protect the fuel cell facility?

**Site Components/ Interconnection**

8. Drawing No. C1.1 of Exhibit 3 appears to show two existing underground utility lines run across the location of the proposed facility. How would construction protect the existing utility lines?
9. Referencing page 3 of the Petition, what is the status of the Interconnection Application?

10. Referencing page 3 of the Petition, has the natural gas interconnection point for the facility been determined? If so, please identify the location of the gas utility interconnection point.

### **Public Safety**

11. Referencing page 4 of the Petition, please identify media to be used for pipe cleaning procedures at the proposed facility in accordance with Public Act 11-101, An Act Adopting Certain Safety Recommendations of the Thomas Commission.
12. Referencing the proximity of the proposed facility to the 100 year flood zone as shown in Exhibit 5 of the Petition, would Bloom consider elevating the base of the fuel cell? How high would the facility be elevated? What would be the additional cost?
13. Footnote 2 on page 4 of the Petition references the 2015 edition of the National Fire Protection Association (NFPA) 853 standard. The State of Connecticut has adopted the 2020 NFPA standard. Would the proposed facility be installed in accordance with the most recent standards?
14. What security measures would be employed to protect the fuel cell units/components from vandalism or intrusion?
15. Would lighting be used on site? If so, for what purpose and what type would be installed (e.g motion activated, preset timer...)?

### **Environmental**

16. What is the distance of the proposed facility to Welton Brook and the pond southwest of the facility? Would any erosion and sedimentation control measures be implemented, consistent with *2002 Connecticut Guidelines for Erosion and Sediment Control*, and/or any additional measures be taken to protect these resources? Explain.
17. Referencing Petition page 8, Bloom used the 2020 eGRID data to calculate the potential reduction in carbon emissions and other air emissions. Is there more recent eGRID data available from the U.S. Environmental Protection Agency? Would that more recent eGRID data change the results provided?
18. Would any trees need to be removed for installation of the proposed facility?