

# What Powers You

April 27, 2023

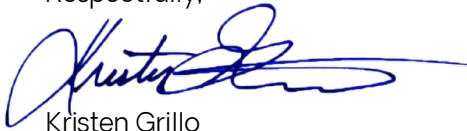
Melanie Bachman, Esq.  
Executive Director  
Connecticut Siting Council  
10 Franklin Square  
New Britain, CT 06051

**RE: PETITION NO. 1564** - 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 2-megawatt fuel cell facility and associated equipment to be located at Central Connecticut State University, 1615 Stanley Street, New Britain, Connecticut.

Dear Ms. Bachman:

Please see the attached responses to interrogatories provided to Bloom Energy on April 24<sup>th</sup>, 2023.

Respectfully,



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**Petition No. 1564  
Bloom Energy Corporation (Bloom)  
Central Connecticut State University  
1615 Stanley Street  
New Britain, Connecticut  
Interrogatories**

**April 27, 2023**

**Notice**

1. Referencing page 10 and Exhibit 9 of the Petition, has the City of New Britain, the Town of Newington and/or any abutters provided comments to Bloom since the Petition filing? If so, please summarize the comments and how these comments were addressed.  
**Response: Since the petition filing, no comments have been received from the City of New Britain, the Town of Newington or any of the abutters notified.**

**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?  
**Response: No. No portion of the project is proposed to be undertaken by state departments, institutions, or agencies. The project will not 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?  
**Response: The estimated cost of the project is \$3,306,470.**
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?  
**Response: Petition pages 1 and 7 should be corrected to state that the facility has been selected by the NRES Program. The primary difference between the LREC and NRES programs is that NRES agreements are for 20 years while LREC is for 15 years. NRES has 2 different program options; "Buy-All" or "Netting". The Netting option is very similar to LREC and this site has selected to use the Netting option.**

**Proposed Site**

5. What is the distance and direction of the nearest off-campus residence from the proposed fuel cell facility?  
**Response: The nearest off-campus residence, 274 Paul Manafort Senior Dr., New Britain CT, is located approximately 500 feet to the South-East of the proposed fuel cell installation.**

6. What is the distance and direction from the proposed fuel cell facility to Copernicus Parking Garage?

**Response: The fuel cell installation is located just north of the Copernicus Parking Garage, between the garage and the pedestrian walking path. The fuel cell installation will be located approximately 20' away from the garage.**

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?

**Response: The proposed facility will not be enclosed by a fence and bollards will not be installed. The proposed installation site is adjacent to a pedestrian pathway.**

### Site Components/ Interconnection

8. Referencing page 3 of the Petition, what is the status of the Interconnection Application?

**Response: The filing of the Interconnection Application has been delayed and is now anticipated to be submitted on May 5<sup>th</sup>, 2023. Application approval is anticipated to be in early 1<sup>st</sup> quarter of 2024.**

9. What is the distance and direction of the proposed facility from the existing 1.4 megawatt fuel cell facility approved by the Council in Petition No. 1005? Would the gas supply mains on Wells Street be shared by both facilities?

**Response: The fuel cell facility approved in Petition No. 1005 is located approximately 900 feet east of the proposed facility. The specific source of gas supply will be determined by Connecticut Natural Gas; Bloom does not know whether the proposed facility will be served by the same main as the existing fuel cell.**

### Public Safety

10. 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.

**Response: The media to be used for the pipe cleaning procedures at the proposed facility would be nitrogen.**

11. What security measures would be employed to protect the fuel cell units/components from vandalism or intrusion?

**Response: The fuel cells are tamper-proof; the internal components of the system cannot be accessed without a unique key that is needed to open the servers, preventing anyone that is non-essential personnel from accessing them.**

12. Footnote 2 on page 4 of the Petition references the 2015 edition of the National Fire Protection Association (NFPA) 853 standard. However, the State of Connecticut has adopted the 2020 NFPA standard. Would the proposed facility be installed in accordance with the most recent standards?

**Response: Yes, the proposed facility will be installed in accordance with the most recent 2020 NFPA standards.**

13. Would lighting be used on site? If so, for what purpose and what type would be installed (e.g. motion activated, preset timer...)?

**Response: No, lighting will not be used on site. However, existing lighting from the Copernicus Garage and the pedestrian walkway is expected to extend to the fuel cell location.**

#### **Environmental**

14. 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?

**Response: The eGrid data percentage provided in the Petition at Page 8 is based on the most recent eGRID data; "2021" should be substituted for "2020".**