



## STATE OF CONNECTICUT

### ***CONNECTICUT SITING COUNCIL***

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: [siting.council@ct.gov](mailto:siting.council@ct.gov)

Web Site: [www.ct.gov/csc](http://www.ct.gov/csc)

### **VIA ELECTRONIC MAIL**

April 22, 2020

Justin Adams  
Bloom Energy Corporation  
4353 North First Street  
San Jose, CA 95134

RE: **PETITION NO. 1400** – 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 1150-kilowatt customer-side fuel cell facility and associated equipment to be located at Eastern Connecticut State University, 165 Windham Street, Windham, Connecticut.

Dear Mr. Adams:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than May 6, 2020. To help expedite the Council's review, please file individual responses as soon as they are available. At this time, consistent with the Council's policy to prevent the spread of Coronavirus, please submit an electronic copy only to [siting.council@ct.gov](mailto:siting.council@ct.gov). However, please be advised that the Council may later request one or more hard copies for records retention purposes.

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,

*s/ Melanie A. Bachman*

Melanie Bachman  
Executive Director

MB/MP

c: Nedal Sumrein, Bloom Energy Corporation



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#### Petition No. 1400

**Bloom Energy Corporation**

**165 Windham Street**

**Windham, CT**

**Interrogatories**

#### Project Development

1. Was the project selected for the LREC/ZREC Program? If yes, which electric distribution company would purchase the RECs?

#### Proposed Site

2. Drawing G1.1 indicates that Bloom Energy Corporation (Bloom or Petitioner) would utilize a fence with privacy slats. Would it be a chain link fence? How tall would it be? Referencing Drawing No. C1.1, do the small circles along the fence line represent the areas with privacy slats?

#### Energy Output

3. Has Bloom utilized its fuel cells in any combined heat and power (CHP) applications? If so, please provide examples describing the projects and the CHP application. Please further explain why there is no useful waste heat generated by the fuel cell.
4. Do the proposed fuel cell units have taps/hookups for CHP i.e. connections for building heating/hot water lines? Are there any other Bloom units commercially available at this time and suitable for this project that offer CHP capability?
5. Page 10 of the Petition states that “The minimal amount of thermal load present at the Site would preclude the efficient deployment of a CHP application.” Given that universities typically have a need for heat and hot water, please further describe the existing thermal loads of Eastern Connecticut State University (ECSU), and explain why no significant thermal load is present at the site. Is it because the proposed fuel cell site is not in close proximity to the thermal loads?
6. Have there been discussions with ECSU relating to a potential CHP application? If so, what was the response?

#### Site Components/ Interconnection

7. Is the project interconnection required to be reviewed by ISO-NE?

#### Public Safety



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8. Would any bollards be necessary to protect the fuel cell facility?
9. Does the Petitioner intend to provide on-site training to local emergency responders, if requested?
10. 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.

### **Environmental**

11. Would any trees six inches in diameter or greater be removed for installation of the proposed facility? If yes, how many?
12. Referencing Drawing No. G1.1, Bloom notes that “New Green Screening” is proposed. What type of vegetative screening is proposed, and how tall would it be?

### **Construction**

13. What are the expected typical work hours and days of the week that construction would occur?