

What Powers You

April 27, 2023

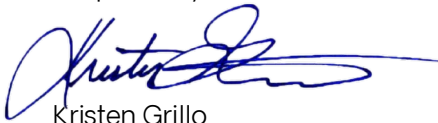
Melanie Bachman, Esq.
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

RE: PETITION NO. 1563 - 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 250-kilowatt fuel cell facility and associated equipment to be located at Manchester Community College, 14 Great Path, Manchester, Connecticut.

Dear Ms. Bachman:

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

Respectfully,



Kristen Grillo
Senior Permitting Specialist | East Coast Field Office
Customer Installations Group | North America
(917) 803-4511
Kristen.Grillo@bloomenergy.com



Bloom Energy Corporation
4353 North First Street, San Jose, CA 95134
408 543 1500
www.bloomenergy.com

Petition No. 1563
Bloom Energy Corporation (Bloom)
Manchester Community College
14 Great Path
Manchester, Connecticut
Interrogatories

April 27, 2023

Notice

1. Referencing page 10 and Exhibit 9 of the Petition, has the Town of Manchester, the Town of East Hartford 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 comment has been received from the Town of Manchester or the Town of East Hartford. An abutters inquiry was received on March 14th by Michael Menditto, Property ID 21/5980/596, 596 Wetherell Street. A preliminary site plan and Bloom Energy's Product Datasheet was provided. Please see Attachment #1.

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 \$931,990.

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, 540 Wetherell Street, Manchester CT, is located approximately 1,080 feet to the South of the proposed fuel cell facility.

6. What is the distance and direction of the Student Services Center from the proposed fuel cell facility?

Response: The Student Services Center is located approximately 50 feet to the South of the proposed fuel cell installation area.

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.

Site Components/ Interconnection

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

Response: The Interconnection Application has been submitted and is under review.

9. Referencing Sheet C1.1, has the natural gas interconnection point for the facility been determined? If so, please identify the location of the gas utility interconnection point.

Response: Following consultation with Connecticut Natural Gas, the natural gas point of interconnection will be at the existing gas meter location at the existing building, approximately 120 feet southeast of the fuel cell installation. That location is shown on Exhibit 3 to the Petition.

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. Footnote no. 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?

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

12. 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.

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: The Facility will not use any lighting. Given its proximity to other university infrastructure, it is likely that ambient lighting is present after dark.

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".

15. Would any trees need to be removed for installation of the proposed facility?

Response: As noted on page 4 of the Petition and on the plans (Exhibit 3), two evergreen trees will be removed to accommodate the fuel cell installation. Bloom intends to replace them with two Eastern White Pine Trees, specifically requested by the customer. The trees will be placed approximately 30 ft to the north of the fuel cell installation.

Attachment #1: Abutters Inquiry

Kristen Grillo

From: Kristen Grillo
Sent: Tuesday, March 14, 2023 3:31 PM
To: 'capitolrentals@hotmail.com'
Subject: Bloom Fuel Cell Installation - CSCU Manchester Campus
Attachments: CSCU - Bloom Manchester Installation - Proposed Site Plan.pdf; ES5-2500US0501S-NASK10-0 Datasheet DOC-1016255 Rev A.pdf

Hi Michael – Good afternoon,

It was a pleasure speaking with you yesterday. Per our conversation, I wanted to send you a preliminary plan of the proposed installation site, as well as a copy of our product datasheet which highlights the technical details of our fuel cells. If you have any further questions or if any of the attached material requires further clarification, please don't hesitate to call me.

Thank you for your time.



Kristen Grillo

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