



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

Web Site: portal.ct.gov/csc

VIA ELECTRONIC MAIL

February 18, 2021

Justin Adams
Bloom Energy Corporation
4535 North First Street
San Jose, CA 95134

RE: **PETITION NO. 1438** - 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 a customer-side 500-kilowatt AC fuel cell facility and associated equipment to be located at 69 (a/k/a 65) Woodland Street and a customer-side 500-kilowatt AC fuel cell facility and associated equipment to be located off of Drake Hill Road, both located at the Dyno Nobel campus in Simsbury, Connecticut.

Dear Mr. Adams:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than March 4, 2021. 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. However, please be advised that the Council may later request one or more hard copies for record 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 Bachman

Melanie Bachman
Executive Director

MB/IN/lm

c: Erik Amrine, Bloom Energy Corporation

Petition No. 1438
Bloom Energy Corporation
Dyno Nobel campus
69 (a/k/a 65) Woodland Street & off of Drake Hill Road
Simsbury, Connecticut

Interrogatories – Set I

1. Would the proposed fuel cells and/or associated equipment be installed on concrete pads? If so, please provide the location and dimensions of the concrete pads on the site plans.
2. Provide the number of trees six inches in diameter or greater that would be removed for installation of the proposed facilities at each site.
3. What is the distance of the nearest point of the Site 2 fuel cell from Drake Hill Road? Would the existing gravel access road be used to access the facility? Will any improvements to that access road be necessary? Could the access road be redesigned to minimize visibility from Drake Hill Road?
4. Page 5 of the Petition states the nearest property line to the Site 2 equipment is “a State of Connecticut Right of Way and subsequently a commercial property, approximately 30 feet to the west.” What is the distance from the Site 2 equipment to the nearest property line to the east?
5. Page 10 of the Petition states that the nearest noise receptor to Site 2 is a residentially developed property. However, page 5 of the Petition identifies the nearest property as a commercial property. Please explain.
6. If the nearest noise receptor to Site 2 is residential, the sound levels for Site 2 are predicted to be 56.2 dBA at 30 feet from the facility. Would noise mitigation measures be necessary to ensure compliance with DEEP Noise Regulations? Please provide clarification and, if needed, possible noise mitigation measures.
7. What is the status of Bloom’s Department of Energy and Environmental Protection Natural Diversity Database request?
8. Referencing the Petition Figure 5B, please respond to the following:
 - a) What are the 100 year and 500 year flood elevations?
 - b) Has the petitioner considered raising the height of the fuel cell facility above the 100 year and/or 500 year flood elevations due to its proximity to the flood zones?
 - c) What is the distance from the fuel cell facility at its closest point to the 100 year and 500 year flood zones AND the area marked “Floodplain Forest Farmington River”?
 - d) Given that the electrical interconnection is within the area marked as the 500 year flood zone, what is the possibility of flooding or inundation of the trench during heavy rain events and are any additional mitigation measures necessary?
9. Referring to page 10 of the Petition, views of the Site 2 facility are expected from adjacent residential and commercial properties, Drake Hill Road and the Farmington Canal Trail. Could landscaping be installed along the eastern and northern boundaries of the facility to provide visual screening of the facility from adjacent properties?

10. Where would the excavated soils be stockpiled during construction?
11. Does the petitioner intend to provide on-site training to the Town of Simsbury emergency responders, if requested?
12. Please identify the media to be used for pipe cleaning procedures at the proposed facility in accordance with Connecticut General Statutes § 16-50ii.