



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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VIA ELECTRONIC MAIL

December 20, 2016

Justin Adams
Justin.adams@bloomenergy.com

RE: **PETITION NO. 1276** - Bloom Energy Corporation, as an agent for Stanley Black & Decker, petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the construction, operation and maintenance of a Customer-Side 200-Kilowatt Fuel Cell Facility to be located at the Stanley Engineered Fastening building, 4 Shelter Rock Lane, Danbury, Connecticut.

Dear Mr. Adams:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than December 29, 2016. To help expedite the Council's review, please file individual responses as soon as they are available.

Please forward an original and 15 copies to this office, as well as send a copy via electronic mail. 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 is requesting that 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.

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.

Yours very truly,

Melanie Bachman
Acting Executive Director

MB/MP

c: Council Members

Petition No. 1276
Bloom Energy Corporation
4 Shelter Rock Lane
Danbury, CT
Interrogatories

1. Provide the certified mail receipts for all recipients that were provided notice including the abutting property owners, state agencies, and state and local public officials.
2. The Petition states that it would be used to supply 200 kilowatts (kW). The Specifications Sheet states that the net base load output is 250 kW. Is the unit capable of 250 kW but would likely only be used to supply 200 kW? Please clarify.
3. What is the operational life of the facility?
4. Is ANSI-CSA America FC 1-2004 the most up to date standard for Stationary Fuel Cell Power Systems? Or is there a 2014 version? If yes, would the proposed fuel cell facility be compliant with the 2014 version of the standard? Explain.
5. Please provide a noise analysis for the proposed facility that shows compliance with state noise regulations at the property boundaries.
6. Would the proposed facility be enclosed by a fence? Provide the design specifications of the proposed fence. If the proposed fence is chain link, has Bloom considered an anti-climb design?
7. On page 10 of the Petition, Bloom Energy Corporation states that the closest residential property is located approximately 500 feet away. What is the direction of the nearest residence (e.g. N, S, E, W) from the proposed fuel cell facility?
8. What is the municipal zoning of the host property? What surrounding land uses are adjacent to the host property?
9. Provide the distance and direction of the nearest wetland.
10. Is the proposed facility within a Department of Energy and Environmental Protection-designated Aquifer Protection Area?
11. Page 6 of the Petition states that the Natural Diversity Database has shown no known occurrences of State-listed species within the proposed facility location. Provide a Natural Diversity Database map showing the proposed facility.
12. What is the distance and direction of the proposed facility to the nearest airport? Did the petitioner provide notification to the Federal Aviation Administration regarding the proposed fuel cell facility?
13. Provide information regarding available technologies and/or mitigation techniques to reduce greenhouse gas emissions from the proposed facility.
14. On Table 1 on page 10 of the Petition, do the "Bloom Output" emissions rates match the attached Specifications Sheet for the Bloom Energy Server 5? Why are they different? Please state which is correct.

15. Would the proposed facility's air emissions rate in pounds of CO₂ per megawatt-hour be lower than the eGRID fossil fuel emissions rate for the ISO New England, Inc. territory?
16. If the proposed facility is approved, approximately when would construction commence and when is it expected to be completed and operational? What are the expected typical work hours and days of the week that construction would occur?
17. Provide a decommissioning plan for the proposed facility.