



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

www.ct.gov/csc

VIA ELECTRONIC MAIL

January 23, 2017

Justin Adams

Justin.adams@bloomenergy.com

RE: **PETITION NO. 1279** - Bloom Energy Corporation, as an agent for The TJX Companies Inc., 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 500-Kilowatt Fuel Cell Facility to be located at the TJX building, 1415 Blue Hills Avenue, Bloomfield, Connecticut.

Dear Mr. Adams:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than February 10, 2017. 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/RM

c: Council Members



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Petition No. 1279

Bloom Energy Corporation

The TJX Companies, Bloomfield, 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. What is the operational life of the facility? Would the facility require a change in fuel cell media at regular intervals? Please explain.
3. On Petition page 10, Bloom states noise from the facility at the abutting residential property line would be 47dBA. How was this value obtained? Please provide a noise analysis report that demonstrates compliance with DEEP Noise Control Regulations.
4. What is the distance and direction of the nearest residence from the proposed fuel cell facility?
5. The site plan does not depict a security fence around the facility. Are there any facility safety or security concerns? How would unauthorized access to the internal fuel cell components be deterred?
6. Provide the distance and direction to the nearest wetland.
7. Is the proposed facility within a Department of Energy and Environmental Protection-designated Aquifer Protection Area?
8. Provide information regarding any available technologies and/or mitigation techniques to reduce greenhouse gas emissions from the proposed facility.
9. On Petition page 10, Table 1, the "Bloom Output" emissions rates do not match the Specifications Sheet for the Bloom Energy Server 5. Please clarify.
10. Would any gaseous substances result from the desulfurization process? Would these gases be vented to the ambient air? Would such emission meet DEEP emission criteria?
11. Provide a decommissioning plan for the proposed facility.
12. On Petition page 4, ANSI-CSA America FC 1-2004 is listed as the design standard for the facility. Is this the most up to date standard for Stationary Fuel Cell Power Systems? Please explain.
13. Petition page 12 mentions outreach to the Town of Bloomfield. Did the Town express any concerns during this outreach? If so, please elaborate.



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