



# 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)

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

### VIA ELECTRONIC MAIL

December 8, 2016

Justin Adams  
Bloom Energy Corporation  
1299 Orleans Drive  
Sunnyvale, CA 94089

**RE: PETITION NO. 1272** - Bloom Energy Corporation, as an agent for Frontier Communications Corporation, 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 1.4-Megawatt Fuel Cell Facility to be located at the Frontier building, 310 Orange Street, New Haven, Connecticut.

Dear Mr. Adams:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than December 30, 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

c: Council Members

MB/rm



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### Petition No. 1272

Bloom Energy Corporation

310 Orange Street, New Haven, Connecticut

### Interrogatories

1. Would any waste heat from the fuel cell facility be used for the building's internal use such as to provide or supplement domestic heating and/or hot water?
2. The CO<sub>2</sub> emission rate provided in Petition Table 1 and the attached Bloom Energy Server 5 datasheet do not match. Please clarify.
3. Would the proposed facility's air emissions rate in pounds of CO<sub>2</sub> per megawatt-hour be lower than the eGRID fossil fuel emission rate for ISO New England, Inc.'s territory?
4. Provide information regarding available technologies, if any, to reduce greenhouse gas emissions from the proposed facility.
5. In regards to the desulfurization process, is the collected sulfur oxide and/or other substances on the filter media considered hazardous waste? What other substances are there? Where would hazardous materials be disposed?
6. Does desulfurization result in the venting of any gaseous substances? If so, would any such discharge meet applicable DEEP limits?
7. Although the petition states no water would be discharged from operation of the fuel cell facility, is there any type of discharge point or connection? If so, when and where would water be discharged? Would a water discharge permit be required?
8. On page 5 of the petition, pipe cleaning procedures are briefly discussed. Please identify the 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.
9. Provide a project construction schedule, including work hours/days.
10. What is the operational life of the facility? Does the fuel cell media have to be changed? If so, at what intervals?
11. In regards to the property abutter notice information in Petition Exhibits 8 & 9, was the abutting property owner of Parcel #00901 notified? Please indicate the name of the property owner and date of notification.
12. Was there a structural evaluation of the roof to determine whether it could support the proposed facility? If so, please provide. If not, what entity determined the roof was structurally adequate to support the facility?