



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

December 12, 2016

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

RE: PETITION NO. 1264 - 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 400-Kilowatt Fuel Cell Facility to be located at the Frontier building, 25 Butler Street, Meriden, 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. 1264

Bloom Energy Corporation
25 Butler Street, Meriden, 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 CO₂ 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 CO₂ 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. Does desulfurization result in the venting of any gaseous substances? If so, would any such discharge meet applicable DEEP limits?
6. 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?
7. Although the petition states no water would be discharged from normal 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 Energy Server? Does the Energy Server media have to be changed at regular intervals? If so, at what efficiency rating would the media be changed?
11. What is the distance and direction of the apartment building (p. 5)from the proposed fuel cell facility?
12. Is the proposed facility within a Department of Energy and Environmental Protection-designated Aquifer Protection Area?
13. Provide the distance and direction of the nearest wetland.
14. Provide a decommissioning plan for the proposed facility.

