



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

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### VIA ELECTRONIC MAIL

February 27, 2020

Donald Emanuel  
Installation Project Manager  
Doosan Fuel Cell America, Inc.  
101 East River Drive  
East Hartford, CT 06108

RE: **PETITION NO. 1393** – Doosan Fuel Cell America, Inc. petition for a declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed construction, maintenance and operation of a 440-kilowatt customer-side fuel cell facility and associated equipment to be located at Cherry Street Lofts, 375 Howard Avenue, Bridgeport, Connecticut.

Dear Mr. Emanuel:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than March 12, 2020. 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 a copy via electronic mail. In accordance with the State Solid Waste Management Plan, 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.

**Please be advised that the original and 15 copies are required to be submitted to the Council's office on or before the March 12, 2020 deadline.**

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,

Melanie Bachman  
Executive Director

MB/IN/Im

**Petition No. 1393  
Doosan Fuel Cell America  
Cherry Street Lofts, 375 Howard Avenue  
Bridgeport, Connecticut.**

**Interrogatories**

**Proposed Site**

1. Page 2 of Attachment No. 18 (PURA Approval of Sub-metering) references five tenant buildings. Please provide an aerial map/photo that identifies these buildings.
2. How many of these buildings are currently functional and ready to receive power from the fuel cell?

**Site Components/ Interconnection**

3. Please provide a detailed Site Plan of the proposed facility, including but not limited to, the dimensions and location of the proposed fuel cell facility, cooling module, concrete pads, fence design and bollards (if applicable) and utility connections.
4. The third photo in Attachment No. 2 shows a 500KVA transformer on the site. Is this a proposed interconnection for the facility?

**Energy Output**

5. Would the fuel cell facility still be expected to provide 95% of the buildings energy needs as stated in PURA's decision in Attachment No. 18?
6. Petition page 3 indicates that the facility will service internal loads needed to operate the fuel cell during an outage. Please explain further.
7. Attachment No. 18, Pages 2 and 9 reference the installation of a 460-kilowatt fuel cell. This is inconsistent with the 440-kilowatt proposed in the Petition. Please clarify.
8. Petition page 14 states that "This project has been awarded a contract to sell Low Emission Energy Credits (LREC) to Eversource..." however, the petition references United Illuminating as the electric distribution company for the facility. Please clarify.
9. Petition page 11 references "utilization of the waste heat." Please explain.

**Environmental**

10. Petition page 10 references occasional water discharge from the fuel cell would be directed to a dry well located on the site. Please show the location of the dry well on the site plan as part of interrogatory No. 3.
11. Considering the location of the fuel cell in relation to the residences and school, would any noise mitigation measures be required to comply with DEEP Noise Control Standards?