



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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VIA ELECTRONIC MAIL

October 12, 2017

Patricia Walker, Esq.
Associate General Counsel
Doosan Fuel Cell America, Inc.
195 Governor's Highway
South Windsor, CT 06074

RE: **PETITION NO. 1329** - Doosan Fuel Cell America, Incorporated petition for a declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed construction, maintenance and operation of a customer-side 440 kilowatt fuel cell facility to be located at the West Haven Water Pollution Control Authority Complex, 2 Beach Street, West Haven, Connecticut.

Dear Attorney Walker:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than October 26, 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
Executive Director

MB/FC

c: Council Members

Petition No. 1329
Doosan Fuel Cell America, Inc.
2 Beach Street
West Haven, CT
Interrogatories – Set 1

1. Per Petition Attachment 2.2 Site Images; is it Doosan's intent to install the proposed facility on what appears to be a berm? Is further fill needed to elevate the concrete foundations? Please provide a detailed site elevation drawing showing existing and proposed elevations including Federal Emergency Management Administration flood levels.
2. Will the vegetation shown in the site images be removed? Has the City of West Haven Water Pollution Control Authority expressed concerns about vegetation removal? Is landscaping proposed? If so, provide a landscape plan?
3. Submit a revised Attachment 1 Site Plan showing the utility and natural gas connections. Would all the connections be underground?
4. Would the installation of the proposed facility impact the existing storm catch basins and piping? If so describe how Doosan would mitigate such impacts.
5. Was this project selected in a Connecticut Department of Energy and Environmental Protection (DEEP) or regional procurement? When? What RFP is the proposed project associated with?
6. Would the proposed fuel cell shut down in the event of a power outage? If so, does it have "black start" capability and the ability to automatically restart?
7. Could the facility continue operating during a power outage and provide seamless uninterrupted power?
8. Describe how the acoustic barrier and fence are integrated. Provide a specification sheet for the sound barrier. If the fence is chain link will it have an anti-climb feature?
9. Is the proposed site located within a Coastal Boundary per Connecticut General Statutes Section 22a-94? If yes, provide a map and indicate how the proposed project would affect the Coastal Boundary.
10. Provide a table showing state criteria thresholds and projected emissions from the proposed facility for all greenhouse gasses listed in the Regulations of Connecticut State Agencies Section 22a-174-1(49).

11. Provide information regarding available technologies and/or mitigation techniques to reduce greenhouse gas emissions from the proposed facility.
12. Table 1 of the Petition states the proposed facility's air emissions rate in pounds of CO₂ per megawatt-hour is 1078 and the Attachment Data Sheet states the pounds of CO₂ per megawatt-hour is 998. Please clarify the difference. Also how does the proposed facility's air emissions rate in pounds of CO₂ per megawatt-hour compare on a percentage basis with the eGRID non-baseload (fossil fuel) emissions rate for the ISO New England, Inc. territory?
13. Is methane (CH₄) broken down to zero in the reforming process? Is there some small amount of CH₄ emissions that would still occur?
14. Does the amount of phosphoric acid in the fuel cell comply with the applicable state and federal regulations?

