



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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VIA ELECTRONIC MAIL

February 21, 2023

Walter Bonola
Installation Project Manager
Doosan Fuel Cell America, Inc.
101 East River Drive
East Hartford, CT 06108
walter.bonola@doosan.com

RE: **PETITION NO. 1554** - HyAxiom, 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 customer-side 1.84-megawatt fuel cell facility and associated equipment to be located near East Hall at the University of Hartford campus located at 200 Bloomfield Avenue, West Hartford (Parcel No. 2024) and 202 Bloomfield Avenue, Hartford (Parcel No. 102001001), Connecticut.

Dear Walter Bonola:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than March 7, 2023. Please submit an original and 15 copies to the Council's office and an electronic copy to siting.council@ct.gov. 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 requests 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 7, 2023 deadline.

Copies of your responses are required to be provided to all parties and intervenors listed in the service list, which can be found on the Council's website under the "Pending Matters" link.

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/MP

L.M.

**Petition No. 1554
HyAxiom, Inc.
200 Bloomfield Avenue, West Hartford; and
202 Bloomfield Avenue, Hartford, Connecticut
Interrogatories**

Notice

1. Referencing page 13 of the Petition, Section IX, when did HyAxiom, Inc. (HyAxiom) share plans for the project with what local officials?
2. Has the City of Hartford (City), Town of West Hartford (Town) and/or any abutters provided comments to HyAxiom since the Petition filing? If so, please summarize the comments and how these comments were addressed.

Project Development

3. Is the project, or any portion of the project, proposed to be undertaken by state departments, institutions or agencies, or to be funded in whole or in part by the state through any contract or grant?
4. Provide a map of the host property including the location of the proposed facility and the nearest municipal boundary.
5. Provide an electronic copy of Drawings GA1.0, GA1.1 and E1.0.

Proposed Site

6. What is the distance and direction of the nearest off-campus residence from the proposed fuel cell facility?
7. What is the distance and direction of the nearest on-campus building from the proposed fuel cell facility? What is that building used for?
8. How many acres is the parcel that would host the fuel cell facility?
9. Referencing page 2 of the Petition, Section II, HyAxiom notes that the proposed fence would be 6 feet tall. Drawing GA1.0 depicts an 8-foot tall fence. Explain.
10. Referencing Drawing GA1.0, would the 9-foot wide ramp also be made of concrete to match the concrete pad?

Energy Output

11. Could the facility continue operating during a power outage and provide seamless uninterruptable power?
12. Would the proposed fuel cell provide baseload or backup power (or both) for University of Hartford? What percentage of the campus' electrical load would the proposed fuel cell facility provide?

Site Components/ Interconnection

13. Is the project interconnection required to be reviewed by ISO-NE?
14. What percentage, if any, of the building or campus thermal load would be served by waste heat from the fuel cell facility? If none, would outdoor cooling modules be required to neutralize any waste heat?
15. Referencing Drawing GA1.0 of the Petition, left side, where would the proposed water and electrical connection trenches extend to? Provide Drawing GA1.1 to fully depict the utility connection routes.
16. Referencing Petition, page 1, would any modifications to University of Hartford's substation be required to interconnect the fuel cell facility? Explain. What are the line voltages of the substation and the proposed fuel cell interconnection?

Public Safety

17. Does the Petitioner intend to provide the Fuel Cell Emergency Response Guide above-referenced document to local emergency responders and provide on-site training, if requested?
18. Which National Fire Protection Association (NFPA) or other codes and standards apply to fuel cell construction, installation and/or modifications?
19. Would the facility be remotely monitored on a 24/7 basis, and could the facility be shut down remotely in the event of an emergency?

Environmental

20. Referencing Petition, page 12, and regarding flood elevation at the proposed facility location:
 - a) The 100-year flood elevation (i.e. base flood elevation) is 37 feet. Does the 40 feet represent the approximate elevation of the top of concrete for the fuel cells and equipment?
 - b) What is the 500-year flood elevation?
 - c) What is the additional cost to install the facility one foot above the 500 year flood elevation?
21. Would erosion and sedimentation controls be installed consistent with the *2002 Connecticut Guidelines for Erosion and Sediment Control*?
22. Would construction of the proposed facility involve disturbance of one or more total acres of land area? Estimate the total disturbance area in square feet.
23. Referencing Petition, Attachment #18, during overhaul of the desulfurizer, how is it removed, transported, stored and disposed? Are any components reused for other products or purposes?