



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
Web Site: portal.ct.gov/csc

VIA ELECTRONIC MAIL

January 5, 2024

John Prinssen
Installation Project Manager
Doosan Fuel Cell America, Inc.
101 Riverside Drive
East Hartford, CT 06108
John.prinssen@doosan.com

RE: **PETITION NO. 1595** - 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 grid-side 4.14-megawatt fuel cell facility and associated equipment to be located at 35 North Main Street, Ansonia, Connecticut, and associated electrical interconnection. **Council Interrogatories to Petitioner.**

Dear John Prinssen:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than January 26, 2024. 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 January 26, 2024 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,

A handwritten signature in black ink, appearing to read "Melanie Bachman".

Melanie Bachman
Executive Director

MB/IN

**Petition No. 1595
HyAxiom, Inc.
35 North Main Street
Ansonia, Connecticut**

**Interrogatories
January 5, 2024**

Notice

1. Referencing page 14 of the Petition, provide details of meetings with municipal officials including names, dates and comments.
2. Has HyAxiom received any comments since the petition was submitted to the Council? If so, please summarize the comments and how these comments were addressed.

Project Development

3. What is the estimated cost of the proposed project?
4. 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?
5. Referencing page 2 of the Petition, when was the final approval under the Shared Clean Energy Facilities program issued by PURA. What is the duration of the contract?

Proposed Site

6. Provide the size/area of the host parcel in acres.
7. What is the status of the City of Ansonia's demolition of the SHW Castings/Ansonia Copper and Brass site? Are other uses proposed for the remaining portions of the host parcel?
8. Would site remediation be required prior to the commencement of facility construction? If so, how would that affect the project construction timeline?
9. Referencing p. 2 of the Petition, the proposed facility would be located "within the existing foundation walls." Explain. What are the dimensions of the existing foundation walls?
10. Provide the distance to the existing retaining wall on North Main Street at its closest point.
11. What is the distance and direction of the nearest residential property line from the proposed fuel cell facility?
12. What is the distance and direction of the nearest residential building from the proposed fuel cell facility?

Energy Output

13. Page 3 of the Petition references the provision of 11 million BTUs of hot water to future tenants.
 - a. Is use of the waste heat required by the contract?

- b. Would the use of waste heat capability be installed/utilized immediately after construction, or would modifications be required in the future?
 - c. How would the use of waste heat improve overall efficiency?
14. Would the proposed fuel cell provide heat, electrical baseload or backup power (or all three) for any structures on the host property. If so, provide the percentage of the baseload that would be supplied by the facility.

Site Components/ Interconnection

15. Is the project interconnection required to be reviewed by ISO-NE?
16. Does HyAxiom have an interconnection agreement with the United Illuminating Company (UI)?
17. Referencing Petition page 12 item D would the fuel cells be installed on concrete pads? If so, provide the dimensions of the concrete pad.
18. Referencing sheets E 1.0 and GA1.0 of Attachment #1, provide the distance of the utility pole #66 from the proposed fuel cell facility.
19. Provide site plans showing the electrical, water and gas utility interconnection points and their distance route? from the facility.
20. Referencing Attachment #1, how many transformers would be installed as part of the electrical interconnection? What would be the line voltage of the transformers?

Public Safety

21. Would the project comply with the current Connecticut State Building Code, National Electrical Code and Connecticut State Fire Prevention Code?
22. Sheet GA1.0 of the Site Plan (Attachment 1) indicates that Nitrogen would be stored on site. How would HyAxiom respond to any Nitrogen tank leaks?
23. Would the perimeter site fencing have anti-climb features? What security measures would be employed to protect the fuel cell units/components from vandalism or intrusion?
24. Would the construction or operation of the proposed facility impact or interfere with any existing utilities or infrastructure within the surrounding area? If so, identify any measures that would be employed to protect existing utilities or infrastructure from impact or interference.
25. Would lighting be installed at the facility? If so, for what purpose and what type would be installed (e.g motion activated, preset timer...)?
26. Would a crane be required for construction? If yes, would notice to the Federal Aviation Administration be required for the temporary use of a crane?
27. Referencing Attachment 3 (Purecell 400 Datasheet) an exhaust chimney is located above each fuel cell unit. Will the operation of the fuel cell facility produce a vapor plume or cloud? If so, is there a potential for icing in colder temperatures and/or a potential to interfere with air navigation? If so, are there any mitigation measures?

Environmental Effects and Mitigation Measures

28. Would erosion and sedimentation controls be installed consistent with the *2002 Connecticut Guidelines for Erosion and Sediment Control*?
29. Would construction of the proposed facility involve disturbance of one or more total acres of land area? Estimate the total area of disturbance in square feet.
30. What would be the quantity of oil in the transformers? Will the transformers have secondary containment?
31. Referencing Petition, Attachment #16, during overhaul of the desulfurizer, how is it removed, transported, stored and disposed? Are any components reused for other products or purposes?
32. Referencing the estimated sound levels at positions 2 and 3 as shown on page 20 of the sound study, would any noise mitigation measures such as sound blankets be required to comply with DEEP Noise Control Standards. If so, describe the measures in detail and provide the projected sound levels post-mitigation?