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

December 16, 2024

Bruce McDermott, Esq.
Murtha Cullina LLP
265 Church Street
New Haven, CT 06510
bcmcdermott@murthalaw.com

RE: **PETITION NO. 923A** - Fuel Cell Energy, Inc. amended petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the installation and operation of a Fuel Cell test facility located at 539 Technology Park Drive, Torrington, Connecticut**. Council Interrogatories to Petitioner.**

Dear Attorney McDermott:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than December 30, 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 December 30, 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,

Melanie Bachman
Executive Director

MAB/MP

Enclosure: Revised Schedule, dated December 16, 2024

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REVISED SCHEDULE

PETITION NO. 923A - Fuel Cell Energy, Inc. amended petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the installation and operation of a Fuel Cell test facility located at 539 Technology Park Drive, Torrington, Connecticut.

Petition received	10/08/2024
Public Comment Period Deadline	11/07/2024
Deadline for State Agency Comments	11/07/2024
Deadline for Municipal Comments	11/07/2024
Council 60-day Action – Set Date for Decision to 04/06/2025	11/21/2024
Deadline for Action	12/07/2024
Council Interrogatories • Set One Issued • Set One Responses due	 12/16/2024 12/30/2024
Deadline for Final Decision	**04/06/2025**

Petition No. 923A
Fuel Cell Energy, LLC
539 Technology Park Drive, Torrington

Interrogatories
December 16, 2024

Any confidential and/or proprietary information responsive to the following interrogatories may be submitted under the Protective Order issued by the Council on October 24, 2024.

Notice

1. Has Fuel Cell Energy, LLC (FCE) received any comments since the Amended Petition was submitted to the Council? If so, summarize the comments and state how these comments were addressed.

Existing Fuel Cell Testing Facility Site

2. What is the acreage of the host parcel?

3. Would any modifications to the existing fencing around the fuel cell testing facility be required? Does the existing fence comply with current National Electrical Code requirements?

4. Referencing Amended Petition, Facility Sound Assessment, Figure 1, is the fuel cell facility testing site generally limited to the rectangular SS1500 location? What is the approximate area of the fuel cell facility testing site in square feet? Would this area need to be expanded? If yes, by how much, in square feet? Would any trees need to be removed?

Proposed Fuel Cell Facility Testing and Associated Equipment

5. Referencing Amended Petition p. 1, would FCE continue to only test one fuel cell system at a time and not exceed 5 MW of output? Explain.

6. Referencing Amended Petition p. 2, is the 1.4 MW SureSource the only fuel cell model/size that would be tested at this time? If no, which other fuel cell models/sizes would be tested? Provide a copy of the 1.4 MW SureSource specifications sheet and any other FCE fuel cell specification sheets that are applicable to fuel cell testing at this site.

7. Approximately how long is the testing period for a new fuel cell facility?

8. Is the fuel cell waste heat utilized during testing?

9. Referencing Amended Petition p. 2, is the SureSource 1.4 MW fuel cell unit comparable in maximum height to the former DFC3000BL3 unit? Explain.

10. Would the fuel cell facility testing site utilize existing water and natural gas connections, or would such connections need to be modified? Explain.

Energy Output

11. Would the fuel cell operations during testing result in any renewable energy certificates (RECs)? If yes, would FCE sell the RECs to Eversource? Would electrical energy (MWh) from the fuel cell operations during testing also be sold to Eversource?

Electrical Interconnection

12. Would the fuel cell facility testing site utilize an existing electrical interconnection, require a modified electrical interconnection or would a fuel cell not be grid-connected during testing? Explain.

Public Health and Safety

13. Would the fuel cell facility testing site comply with the current National Electrical Code, National Electrical Safety Code, Connecticut State Building Code, Connecticut State Fire Prevention Code, National Fire Protection Association, and American National Standards Institute codes and standards, as applicable?

14. Does the existing fuel cell facility testing site have lighting or would additional lighting be required? Explain.

15. Identify the nearest airport to the fuel cell facility testing site and include distance and direction.

16. Is notice to the Federal Aviation Administration (FAA) required for the temporarily installed fuel cells at the testing site? Is a crane required to setup and remove fuel cells that would necessitate FAA notice? Explain.

17. Where is the nearest fire department located? How would water be supplied to the site in case of fire?

18. Please provide an Emergency Response Plan for the fuel cell operation during testing in accordance with Public Act 11-101, An Act Adopting Certain Safety Recommendations of the Thomas Commission.

19. Please identify media used for pipe cleaning procedures at the fuel cell facility testing site in accordance with Public Act 11-101, An Act Adopting Certain Safety Recommendations of the Thomas Commission.

20. Referencing Amended Petition p. 2, how many nitrogen cylinders would be stored at the fuel cell facility testing site to support the testing operation? Could these pressurized cylinders explode if exposed to fire?

21. Referencing Amended Petition, Facility Sound Assessment, Table 7, what is the address of the nearest industrial property to the north (Industrial, N)?

22. Referencing Amended Petition, Facility Sound Assessment, Table 7, what is the address of the nearest residential property to the south (Residential, S1)? What is the distance from the SureSource 1.4 MW fuel cell facility testing site and the property line of Residential S1?

Environmental Effects and Mitigation Measures

23. Would fuel cells operated at the testing site comply with DEEP air and water quality standards?

24. Would the fuel cell operation during testing emit methane (CH_4)? Explain.

25. Referencing Amended Petition, p. 2, a carbon sequestration plant or CO_2 recovery was integrated into the 1.4 MW SureSource testing facility. Does this result in a lower CO_2 emissions rate in lbs/MWh than is indicated on the specifications sheet? Explain.