

April 14th, 2022

Melanie Bachman, Esq. Executive Director Connecticut Siting Council 10 Franklin Square New Britain, CT 06051

RE: PETITION NO. 1493 - Bloom Energy Corporation 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 1.5-megawatt fuel cell facility and associated equipment to be located at St. Mary's Hospital, 56 Franklin Street, Waterbury, Connecticut.

Dear Ms. Bachman:

Please see the attached responses to the interrogatories provided to Bloom Energy on April 4th, 2022.

Respectfully,

Kristen Grillo Senior Permitting Specialist | East Coast Field Office Customer Installations Group | North America (917) 803-4511 Kristen.Grillo@bloomenergy.com



Bloom Energy Corporation 4353 North First Street, San Jose, CA 95134 408 543 1500 www.bloomenergy.com

Petition No. 1493 Bloom Energy Corporation St. Mary's Hospital 56 Franklin Street Waterbury, Connecticut Interrogatories

1. Page 1 of the Petition references a 15 year purchase agreement with Trinity Health; Page 3 of the Petition references a 6 year contract with Trinity Health. Please clarify.

Response: The reference on page 3 is incorrect; the term length for Bloom's purchase agreement with Trinity Health is 15 years.

2. What is the estimated cost of the proposed project?

Response: The estimated cost of the project is \$1,690,359.00

3. Referring to Petition Page 10, has the City and/or abutters provided comments to Bloom since the Petition filing? If yes, summarize the comments.

Response: No comments have been provided by the City and/or the abutters notified.

4. Referring to Petition Exhibit 4, identify the location of the fuel cell facility on the photos.

Response: Please see Attachment 1 for photo markups that identify the location of the fuel cell facility,

5. Referring to Petition Exhibit 6 on p. 12, will Bloom provide a copy of the Fuel Cell Emergency Response Plan and conduct fuel cell operation/emergency training with City of Waterbury emergency responders prior to the commencement of facility operation?

Response: Yes, Bloom will be in contact with the Waterbury Fire Marshal prior to commissioning of the facility to offer training and presentation of the fuel cell facility as desired by City representatives.

6. Referring to Petition p. 4 paragraph 2, identify the media to be used for pipe cleaning procedures at the proposed facility in accordance with Public Act 11-101, An Act Adopting Certain Safety Recommendations of the Thomas Commission and Connecticut General Statues § 16-50ii.

Response: The media to be used for the pipe cleaning procedures at the proposed facility would be compressed air.

7. Referring to Petition page 7, provide the calculation supporting the reduction in carbon emissions by more than 25%.

Response: The characterization of reduction in carbon emissions on page 7 of the Petition inadvertently overstated the reduction due to use of outdated eGrid value comparisons. The most recent (2020) eGrid values reflect the increasing use of cleaner generation. The decrease in the 2020 input numbers results in a decrease from approximately 25% to 13%.

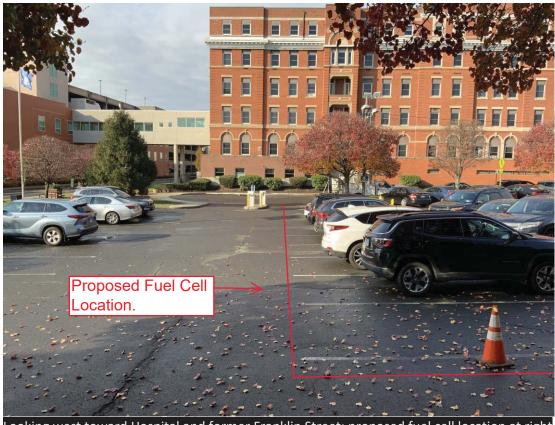
The updated_emission calculation is as follows:

Input variables:

- NPCC New England subregion, Non-baseload output emission rates CO2e = 886.9 lb/MWhr, Grid Gross Loss = 5.3%
- Bloom Average emission rate CO2e = 818 lb/MWhr
- (((886.9 * 1.053) 818)/886.9) * 100 = 13% CO2e improvement when choosing Bloom power over the non-baseload grid power.
- 8. Provide typical construction workdays and hours.

Response: Monday through Friday, 7am-5pm

Attachment 1: Fuel Cell Facility Location Photos



Looking west toward Hospital and former Franklin Street; proposed fuel cell location at right



Looking northeast toward proposed fuel cell location (left side of photo)