



VIA ELECTRONIC MAIL

May 6, 2020

Melanie Bachman
10 Franklin Square
New Britain, CT 06051

RE: PETITION NO. 1402 - 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 350-kilowatt customer-side fuel cell facility and associated equipment located at Western Connecticut State University, 7 University Boulevard, Danbury, Connecticut.

Dear Ms. Bachman:

Please see the attached responses to the interrogatories provided to Bloom Energy on April 30, 2020.

Sincerely,

A handwritten signature in black ink, appearing to read "Justin Adams".

Justin Adams
Permitting Manager

Bloomenergy

Connecticut
860.839.8373
justin.adams@bloomenergy.com

c: Nedal Sumrein, Bloom Energy Corporation

**Petition No. 1402
Bloom Energy Corporation
Western Connecticut State University**

Interrogatories – Set 2

1. Is the project interconnection required to be reviewed by ISO-NE?

Yes, ISO-NE will review the proposed project. Per the ISO-NE planning procedure PP5-1, Bloom must submit a completed generator notification form to IS-NE's reliability committee.

2. Concerning the excess power being sold to the grid, is it being sold under the Net Metering tariff, Virtual Net Metering tariff or to a third party other than the EDC? Please explain.

Any excess power being exported to the grid will be sold under the Net Metering tariff.

3. Please explain why there is no useful waste heat generated by the fuel cell.

Bloom utilizes the heat generated via the internal electrochemical reaction to increase the overall electrical efficiency of the system output and thus does not require an external heat sync to increase efficiency.

4. Has Bloom considered this fuel cell project for combined heat and power (CHP) application? If so, please explain why the CHP application is not being implemented.

Bloom has utilized CHP applications in very specific situations nationally. There CHP applications located in Connecticut. In this proposal and the vast majority of other applications, Bloom utilizes the heat generated via the internal electrochemical reaction to increase the overall electrical efficiency of the system output and thus does not require an external heat sync to increase efficiency.

5. Have there been discussions with WSCU relating to a potential CHP application? If so, what was the response?

Yes, a CHP application was discussed with WCSU. As noted in previous answers, this would not result in an increased efficiency of the electrical output and would also have a negative effect on the costs associated with installing the system. Therefore, ECSU saw little reason to pursue this option.