



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

July 23, 2020

TO: Service List dated July 21, 2020

FROM: Melanie Bachman, Executive Director *MAB*

RE: **PETITION NO. 1423** - 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 150-kilowatt fuel cell facility and associated equipment to be located at the Home Depot, 90 Monroe Turnpike, Trumbull, Connecticut.

Comments have been received from the Connecticut Council on Environmental Quality, dated July 22, 2020. A copy of the comments is attached for your review.

MB/lm

c: Council Members

COUNCIL ON ENVIRONMENTAL QUALITY



Keith Ainsworth

Alicea Charamut

David Kalafa

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Alison Hilding

Kip Kolesinskas

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Charles Vidich

Peter Hearn
Executive Director

July 22, 2020

Melanie Bachman, Executive Director
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

RE: PETITION NO. 1423 - Bloom Energy Corporation petition for a declaratory ruling for the proposed construction, maintenance and operation of a customer-side 150-kilowatt fuel cell facility and associated equipment to be located at the Home Depot, 90 Monroe Turnpike, Trumbull, Connecticut..

Dear Ms. Bachman:

The Council on Environmental Quality ("the Council") offers the following comments with regard to Petition No. 1423 (Petition):

1. Noise : The petitions states: "The proposed Facility would be defined as "Scenario 2" in the model. Scenario 2 models noise for a Bloom Energy Server installed close to a building or tall wall, with noise reflected off the structure. The results of the Scenario 2 sound model at 93 feet are 41.4 dBa." The Council notes that Scenario 2 is for an installation of the proposed facility away from a building or tall wall. If the Petitioner meant to use the results of Scenario 1 (close to a building), then the result would be 44.4 dBa, which approaches the Town's noise ordinance at 45 dBa at night.

The Council recommends that the Petitioner confirm that the fuel cell facility will be sufficiently distant from the adjacent Home Depot and that the sound generated by the proposed fuel cell would not be amplified by reverberation that will potentially exceed the limit set by the Town's noise regulations.

Thank you for your consideration of these comments. Please do not hesitate to contact the Council if you have any questions.

Sincerely,

Peter Hearn
Executive Director