



Doosan Fuel Cell America, Inc.
101 East River Dr
East Hartford, CT 06108
T - 860 727 2200

July 27, 2020

PETITION NO. 1406 - Doosan Fuel Cell America, 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 9.66-megawatt fuel cell facility and associated equipment to be located at 600 Iranistan Avenue, Bridgeport, Connecticut, and associated electrical interconnection to the United Illuminating Company's existing Congress Street Substation.

RESPONSE TO COUNCIL INTERROGATORIES – SET TWO

Dear Ms. Bachman,

We are submitting an electronic copy of response to the Council's interrogatories dated July 24, 2020.

Respectfully Submitted,
Doosan Fuel Cell America, Inc.

Walter Bonola
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Doosan Fuel Cell America, Inc.



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34. Regarding the response to Council Interrogatory 1, if the district thermal loop does not come to fruition, what will be the impact to the project?

Response R 34: The PURA decision 18-08-14 requires that the Project obtain firm customer commitments for a minimum amount of thermal energy within two years after the Project's commercial operation date (COD) and submit this information to PURA. Failure to meet this requirement is a condition of default with cure rights under the Project's power purchase agreement. The developers have negotiated agreements that will meet the thermal energy requirements and the district thermal loop is scheduled to be in operation in conjunction with the Project's COD.

35. In addition to the OSHA-approved guardrails and kickplates, is fencing proposed around the perimeter of each floor of the building? The Site Plan shows some type of barrier but a note is not provided.

Response R 35: Only guardrails and kick plates are proposed at this time. The city has not commented.

36. The fuel cells will be vented to the roof. Is there the potential during venting that the exhaust can create a fog-like condition during warm temperatures and icing conditions on the adjacent highway and roads during winter temperatures? If so, how can these conditions be mitigated?

Response R 36: During cold and dry conditions with low wind velocity the fuel cell exhaust can create a visible water-vapor plume. Doosan is mitigating the impact of this plume by locating the fuel cell exhaust vents on the side of the structure opposite the adjacent highway and locating the dry air-coolers between the exhaust and the highway. The dry heated air provided by the dry air-coolers will serve to mix with the exhaust gas to evaporate fog-like water vapor plumes.

37. What exterior finishes will be applied to the concrete building structure? Has the City commented on the proposed appearance of the building?

Response R 37: The building as shown in concept is a galvanized steel structure with poured concrete decks. No exterior finishes are proposed. The City of Bridgeport has not commented on the structure.