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November 29, 2023

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

Re: Petition No. 1585 – Endurant Energy petition for a declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed construction, maintenance and operation of a 4.9-megawatt AC battery energy storage facility located at 508 North Colony Street, Meriden, Connecticut, and associated electrical interconnection.

Dear Ms. Bachman:

Enclosed for filing with the Connecticut Siting Council (“Council”) are Endurant Energy’s responses to the Council’s November 14, 2023 interrogatories (Set 2).

An original and fifteen (15) copies of this filing will be mailed to the Council today.

Should the Council have any questions regarding this filing, please do not hesitate to contact me.

Very truly yours,



Bruce L. McDermott

Enclosures

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Interrogatory CSC 58
(Set 2)

Endurant Energy
Docket No. 1585

Witness: Brian Mehler
Page 1 of 1

Q-CSC 58: Referring to interrogatory response 5, it states the contract is extendable. Would Endurant seek to extend the 10-year contract? If yes, would battery replenishment/replacement be considered at that time?

A-CSC 58: Endurant does not currently intend to seek a contract extension, but it does not rule out the possibility. Endurant believes that Accel would also have to be willing to extend the relationship. The economic viability would depend on the time and cost of capacity maintenance – if Endurant were to extend, yes, it would anticipate that some form of replenishment, augmentation or replacement would be required.

Interrogatory CSC 59
(Set 2)

Endurant Energy
Docket No. 1585

Witness: Brian Mehler
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Q-CSC 59: What is the acreage and who is the owner of the host parcel?

A-CSC 59: The acreage of the host parcel is approximately 13.95 acres and the owning entity is Spirit Master Funding IX LLC.

Interrogatory CSC 60
(Set 2)

Endurant Energy
Docket No. 1585

Witness: Brian Mehler
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Q-CSC 60: What is the approximate size of the limit of disturbance required to construct the facility?

A-CSC 60: The fenced area will be less than 6,000 square feet. The disturbance beyond that required to construct the facility will be minimal and temporary, such as parking for the battery transportation vehicle and crane.

Interrogatory CSC 61
(Set 2)

Endurant Energy
Docket No. 1585

Witness: Brian Mehler
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Q-CSC 61: Is a solar array located on the host parcel? If yes, in what location and of what size (megawatt AC)?

A-CSC 61: Yes, a ground-mount solar array has been installed on the host parcel, at the northern end. It is a 0.486 MW AC array.



Interrogatory CSC 62
(Set 2)

Endurant Energy
Docket No. 1585

Witness: Brian Mehler
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Q-CSC 62: If a solar array is located on the host parcel, would the proposed battery energy storage facility be electrically independent from the solar array? Would the battery energy storage facility recharge using grid power from the distribution line irrespective of the solar facility output? Explain.

A-CSC 62: The solar and BESF are not connected as a single system and are independently operated and controlled. The BESF will recharge using grid power irrespective of the solar facility output.

Interrogatory CSC 63
(Set 2)

Endurant Energy
Docket No. 1585

Witness: Brian Mehler
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Q-CSC 63: Referring to the response to Council Interrogatory 52, when will the final location and design of the facility be determined?

A-CSC 63: Endurant will undertake the detailed site survey and soil studies when the commercial arrangements with the host site are concluded, which is expected to be in January 2024. Allowing eight weeks for survey and soil studies, final location and design would be expected at the earliest by March 31, but anticipated by June 30, 2024.

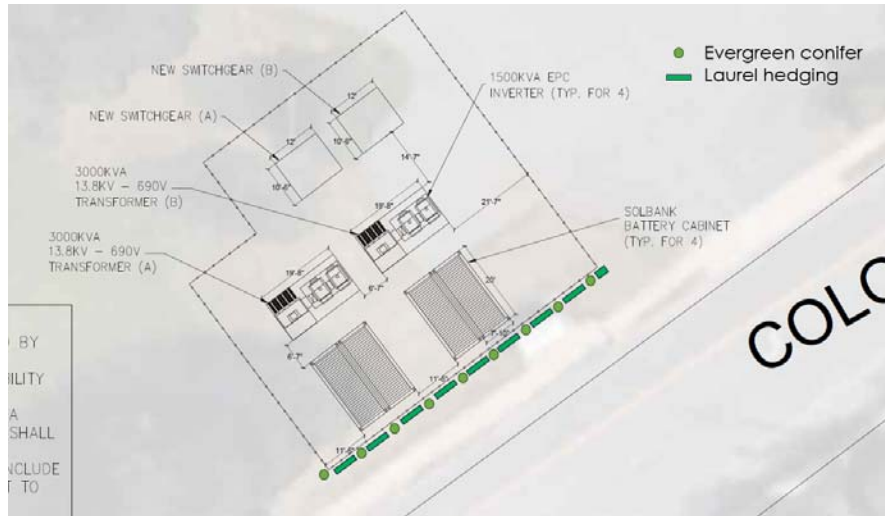
Interrogatory CSC 64
(Set 2)

Endurant Energy
Docket No. 1585

Witness: Brian Mehler
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Q-CSC 64: Referring to Petition p. 15, identify the type and location of landscaping to be installed.

A-CSC 64: Landscaping will take the form of evergreen plants capable of providing dense coverage, such as the conifer American Arborvitae (*Thuja occidentalis* 'Smaragd') or Cherry Laurel (*Prunus laurocerasus*). Agreement will be requested from Accel for final planting and their existing grounds-staff will be responsible for maintenance of vegetation outside BESF perimeter fencing. See indicative location and planting scheme below.



Interrogatory CSC 65
(Set 2)

Endurant Energy
Docket No. 1585

Witness: Brian Mehler
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Q-CSC 65: Referring to Petition p. 15, it states “natural slats will be interwoven into the fencing material to screen the equipment”. Natural slats are not shown on the Site Plans provided with Interrogatory response 53. Are screening slats proposed? If yes, provide detail.

A-CSC 65: Yes, privacy screening is anticipated within the chain link fencing. Final details will be determined in consultation with the Host Site during construction permitting, but Endurant’s standard suggestion is a dark green option, to blend with the surrounding environment and not be out of keeping with the industrial setting.

Interrogatory CSC 66
(Set 2)

Endurant Energy
Docket No. 1585

Witness: Brian Mehler
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Q-CSC 66: Decommissioning Plan p. 2 refers to a palisade perimeter fence. Why was the fence design changed to chain link?

A-CSC 66: The Decommissioning Plan is incorrect and has been updated to reflect chain link fencing. The sentence in question now reads *'The BESS containers will be installed upon concrete pads and the entire BESS will be enclosed by 8 feet high chain link fencing, enclosing an area of approximately 6,000 square feet.'*

Interrogatory CSC 67
(Set 2)

Endurant Energy
Docket No. 1585

Witness: Brian Mehler
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Q-CSC 67: Referring to the response Council Interrogatory 26, what is the status of the interconnection agreement with Eversource? Where any changes made to the design of the project based on the interconnection agreement?

A-CSC 67: The Interconnection agreement is expected imminently, but has not yet been received from Eversource.

Interrogatory CSC 68
(Set 2)

Endurant Energy
Docket No. 1585

Witness: Brian Mehler
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Q-CSC 68: Is the facility interconnection required to be reviewed by ISO-NE?

A-CSC 68: ISO-NE has completed all required reviews as part of the utility interconnection process, and final interconnection approval from the utility is expected imminently.

Interrogatory CSC 69
(Set 2)

Endurant Energy
Docket No. 1585

Witness: Brian Mehler
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Q-CSC 69: Would Endurant participate in the ISO-NE Forward Capacity Market?

A-CSC 69: The BESF will be enrolled in the ISO-NE Forward Capacity Market by CPower, who are providing dispatch optimization services for the battery via their proprietary Enerwise software. This will be done via the ISO-NE Passive (On-Peak) Demand Response program.

Interrogatory CSC 70
(Set 2)

Endurant Energy
Docket No. 1585

Witness: Brian Mehler
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Q-CSC 70: Would Endurant participate in any other ISO-NE markets (ex. ancillary services)?

A-CSC 70: Yes. The Connecticut ESS Program will be the priority for the battery under all circumstances, however Endurant will participate in any markets that opened up to BESS that do not negatively impact the ESS Program.

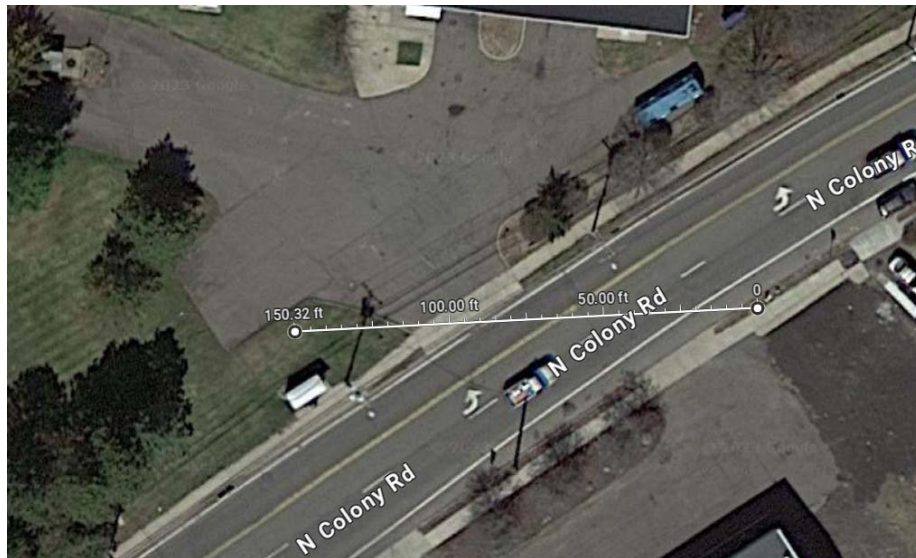
Interrogatory CSC 71
(Set 2)

Endurant Energy
Docket No. 1585

Witness: Brian Mehler
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Q-CSC 71: What is the distance of the nearest municipal fire hydrant to the facility? What alternative water sources are available? How would water be brought to the site?

A-CSC 71: The nearest municipal fire hydrant to the facility is less than 150 feet away from the proposed BESF, on the opposite side of N. Colony St. Please see image below. No alternative sources of water were discussed with the Fire Department, given the proximity to the municipal fire hydrant network. Water would not be brought to the site, it would be accessed from the municipal hydrant network, however the Fire Department does have access to water tanker fire trucks should their standard operating procedure deem that to be appropriate. Any further requirements will be discussed during the Fire Plan Review stage of construction permitting.



Interrogatory CSC 72
(Set 2)

Endurant Energy
Docket No. 1585

Witness: Brian Mehler
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Q-CSC 72: Referring to interrogatory response 28, will the facility be designed in accordance with the 2022 Connecticut State Fire Code Chapter 52- Energy Storage Systems?

A-CSC 72: Yes. This will be confirmed during the Fire Plan Review stage of construction permitting, in coordination with the City of Meriden Department of Fire and Emergency Services.