



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

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VIA ELECTRONIC MAIL

June 20, 2023

Deborah Denfeld
Team Lead – Transmission Siting
Eversource Energy
PO Box 270
Hartford, CT 06141-0270
Deborah.denfeld@eversource.com

RE: **PETITION NO. 1575** - The Connecticut Light and Power Company d/b/a Eversource Energy petition for a declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for proposed modifications to its existing Salisbury Substation located at 316 Indian Mountain Road, Salisbury, Connecticut, and related electric transmission line structure improvements.

Dear Deborah Denfield:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than July 11, 2023. Please submit an original and 15 copies to the Council's office and an electronic copy to siting.council@ct.gov. In accordance with the State Solid Waste Management Plan and in accordance with Section 16-50j-12 of the Regulations of Connecticut State Agencies, the Council requests all filings be submitted on recyclable paper, primarily regular weight white office paper. Please avoid using heavy stock paper, colored paper, and metal or plastic binders and separators. Fewer copies of bulk material may be provided as appropriate.

Please be advised that the original and 15 copies are required to be submitted to the Council's office on or before the July 11, 2023 deadline.

Copies of your responses are required to be provided to all parties and intervenors listed in the service list, which can be found on the Council's website under the "Pending Matters" link.

Any request for an extension of time to submit responses to interrogatories shall be submitted to the Council in writing pursuant to §16-50j-22a of the Regulations of Connecticut State Agencies.

Sincerely,

A handwritten signature in dark ink, appearing to read "Melanie Bachman".

Melanie Bachman
Executive Director

MB/IN/laf

Petition No. 1575
Eversource Energy
Salisbury Substation Transformer Replacement Project
316 Indian Mountain Road, Salisbury, Connecticut

Interrogatories
June 20, 2023

Notice

1. Referencing Petition p. 16, were there any additional comments received from the Town of Salisbury or abutting property owners since the filing of the Petition? If so, what were their concerns, and how were these concerns addressed?
2. Referencing Petition P. 16 and Attachment A, provide the line list identifying the property owners who were notified of the project.

Existing Facility Site

3. Under Regulations of Connecticut State Agencies (RCSA) §16-50j-2a(29), “**Site**” means a contiguous parcel of property with specified boundaries, including, but not limited to, the leased area, right-of-way, access and easements on which a facility and associated equipment is located, shall be located or is proposed to be located. Is the “Project area” described in the Petition synonymous with the existing facility “site?” Explain.
4. Provide a drawing with distances from the proposed expanded substation facility to abutting property lines.
5. Referencing P. 4 of the petition, would the spare transformer remain at the substation and be used to back up the new transformer? Explain.
6. Referencing Map Sheet 1, describe why the area south of the substation is designated as a “No Parking Area.”

Project Development

7. What is the total estimated cost of the project? Of this total, what costs would be regionalized, and what costs would be localized? Estimate the percentages of the total cost that would be borne by Eversource ratepayers, Connecticut ratepayers, and the remainder of New England (excluding Connecticut) ratepayers, as applicable.
8. Is the proposed project identified in any ISO-New England, Inc. (ISO-NE) needs and solutions analyses? Is the proposed project on the ISO-NE Regional System Plan (RSP) Project List and/or Asset Condition List? If yes, identify.
9. Are any generation facilities listed on the ISO-NE interconnection queue associated with the proposed project? If so, please identify the generation facilities and the queue position.
10. How would the proposed project address and/or resolve the risk of a contingency, such as the single contingency line loss that required the 10 MW of emergency standby generation at Salisbury Substation in 2020 for related facility modifications under Petition 1371?

11. Please describe how the proposed project is consistent with the recommendations of the Federal Energy Regulatory Commission (FERC) and the North American Electric Reliability Corporation (NERC) Report on Transmission Facility Outages During the Northeast Snowstorm of October 29-30, 2011 – Causes and Recommendations.
12. Please provide a drawing of the proposed firewall and its dimensions.

Project Construction

13. Quantify the amounts of cut and fill that would be required for the proposed project.
14. Referencing Attachment B provide the height of the tallest existing and proposed equipment within the substation compound.

Environmental Effects and Mitigation Measures

15. Provide the distances of the two nearby wetlands from the existing access road and the proposed staging areas.
16. Please identify the early successional dependent species referenced on P. 13 of the Petition.
17. How would the proposed substation modifications comply with any standards and guidelines for animal deterrents at electric substations?
18. For the mobile, proposed and spare transformers, please provide oil containment measures and type of oil utilized for each transformer.
19. Is the oil within the transformers (mobile, proposed, spare) biodegradable or have other properties so that it is not hazardous to the environment in the event of a spill?

Public Safety

20. Would the Project comply with the 2023 National Electrical Safety Code, effective February 1, 2023?
21. How were noise levels determined? Would the firewall provide any incidental noise mitigation?
22. Please describe how the proposed project is consistent with the NERC Evaluation of the Physical Security Reliability Standard and Physical Security Attacks to the Bulk-Power System, dated April 14, 2023 and available at:
<https://www.nerc.com/FilingsOrders/us/NERC%20Filings%20to%20FERC%20DL/NERC%20Report%20on%20CIP-014-3.pdf>
23. Please describe how the proposed project would comply with the Council's White Paper on the Security of Siting Energy Facilities available at: https://portal.ct.gov/-/media/CSC/1_Dockets-medialibrary/Docket_346/whitepprFINAL20091009114810pdf.pdf