



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

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VIA ELECTRONIC MAIL

August 24, 2022

Kathleen M. Shanley
Manager – Transmission Siting
Eversource Energy
P.O. Box 270
Hartford, CT 06141-0270
Kathleen.shanley@eversource.com

RE: **PETITION NO. 1531** – 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 the proposed 1200/1300 Line Structure Replacement Project consisting of the replacement and reconductoring of approximately 0.39 mile of its existing No. 1200 and No. 1300 115-kilovolt electric transmission lines within existing Eversource electric transmission line right-of-way between Eversource's Windsor Locks Substation in Windsor Locks and Warehouse Point Junction in East Windsor, Connecticut and related transmission line and substation improvements.

Dear Ms. Shanley:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than September 14, 2022. 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 September 14, 2022 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,

Melanie Bachman
Executive Director
MB/MP

**Petition No. 1531 - Eversource
#1200/1300 Line Structure Replacement Project
East Windsor and Windsor Locks, Connecticut**

Interrogatories

Notice

1. Referencing pages 19 and 20 of the Petition, were there any comments from the Town of East Windsor, Town of Windsor Locks or abutting property owners? If so, what were their concerns, and how were these concerns addressed?
2. Would notice to the Federal Aviation Administration be required for any of the proposed replacement structures? If yes, would marking and/or lighting be required for any of the proposed replacement structures?

Existing Facility Site

3. What is the age of the structures and conductors on each line?
4. How does the proposed project relate to the asset condition maintenance activities addressed in Sub-petition 1293-WLEW and Sup-petition 1293-EEWSW?
5. If Structure No. 6207 was replaced in 2019 (Sub-petition 1293-EEWSW), why is it being replaced again? Could the existing steel H-frame Structure No. 6207 be reused or repurposed?
6. What is the extent and status of the expanded aerial rights from Amtrak to accommodate the alignment of the conductors over the railroad?

Project Development

7. 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?
8. 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.
9. 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.
10. How would the project comply with any applicable NESC standards?
11. Identify all other permits required to perform the proposed work.
12. Referencing page 3 of the Petition, why are larger capacity conductors proposed for each line?

13. Referencing Attachment B of the Petition, Right-of-way Cross Section Drawing, why is Structure No. 6207 going from a horizontal to Delta configuration?
14. Referencing Attachment B of the Petition, Right-of-way Cross Section Drawing, with the Delta configuration, each circuit would require two poles: one pole for two of the phase conductors and one pole for one of the phase conductors. Would these poles be approximately 61 feet tall and 76 feet tall, respectively?
15. Referencing page 1 of the Petition, explain why the proposed replacement structures have height increases to accommodate the modified alignment with Structure Nos. 6208 and 6208A? Are the proposed replacement structure height increases the absolute minimum to meet clearance requirements?
16. Provide the staging/laydown area location(s) and their respective areas in acres. Would appropriate erosion and sedimentation controls would be installed and maintained around the staging/laydown area(s) until completion of construction in accordance with Project permitting and Eversource Best Management Practices (BMPs)?

Environmental

17. Has Eversource evaluated the project area for existing invasive species consistent with Section 3.10.4.1 of the Eversource April 2022 BMPs that are posted on its website? If invasive species exist, how would Eversource control the spread of invasive species for this Project?
18. What is the total disturbance area for the proposed project?
19. Is a DEEP General Permit required for this project? If so, describe site construction inspections that are required for this project under the DEEP General Permit.
20. Are CT DEEP and/or the US Army Corps of Engineers permits required for the temporary wetland impacts associated with the access through Wetland 3? If yes, what is the status of such permits?
21. In addition to Eversource's BMPs, what other specific environmental mitigation measures and/or monitoring would be conducted for construction within environmentally sensitive areas?
22. Could restoration of disturbed areas incorporate habitat for the benefit of pollinator species, such as bees, moths and butterflies?