



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](mailto:siting.council@ct.gov)  
Web Site: [portal.ct.gov/csc](http://portal.ct.gov/csc)

VIA ELECTRONIC MAIL

June 4, 2024

Deborah Denfeld  
Team Lead – Transmission Siting  
Eversource Energy  
P.O. Box 270  
Hartford, CT 06141  
[deborah.denfeld@eversource.com](mailto:deborah.denfeld@eversource.com)

RE: **PETITION NO. 1614** – 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 Christian Street Junction to Stevenson Substation Rebuild Project consisting of the replacement and reconductoring of electric transmission line structures along approximately 5.5 miles of its existing electric transmission line right-of-way shared by its existing 115-kilovolt (kV) 1580 and 1808 Lines between Christian Street Junction in Oxford and Stevenson Substation in Monroe, Connecticut, and related electric transmission line and substation improvements. **Council Interrogatories to Petitioner.**

Dear Deborah Denfeld:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than June 25, 2024. Please submit an original and 15 copies to the Council's office and an electronic copy to [siting.council@ct.gov](mailto: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 June 25, 2024 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

c: Kathleen M. Shanley, Eversource Energy ([Kathleen.shanley@eversource.com](mailto:Kathleen.shanley@eversource.com))

Enclosure: Revised Schedule, dated June 4, 2024

**Petition No. 1614 - Eversource  
Christian Street Junction to Stevenson Substation Rebuild Project  
Oxford and Monroe, Connecticut**

**Interrogatories  
June 4, 2024**

**Notice**

1. Referencing Petition p. 29, were any comments received from the Towns of Oxford and Monroe 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. 19:
  - a. has Eversource received responses from the Federal Aviation Administration (FAA) regarding the proposed structures?
  - b. Would lighting and/or marking be required for any of the proposed replacement structures? If so, provide any required marking/lighting plans if applicable.
  - c. Would marker balls be required for the conductors to span the Housatonic River? If yes, provide the proposed marker ball plans if applicable.

**Existing Facility Site**

3. Referencing Petition pp. 4 and 5, what public utility uses/rights are identified under the easements along the existing ROW?
4. Referencing Petition p. 5, when was the most recent vegetation management conducted in the ROW? What work was performed?

**Project Development**

5. 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.
6. 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.
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. How does the project relate to other proposed, planned or constructed Connecticut reliability and asset condition projects?
9. 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.

10. Referencing Page 6 of this Petition and Petition 1527, response to interrogatory 12, explain in detail the current NESC clearance requirement for conductor sway (blowout) relative to 115-kV lines.

### **Project Construction**

11. Identify all other permits required to perform the proposed work.
12. What is the total acreage of the construction limits of disturbance for the project?
13. Referencing Petition p. 2, Eversource notes that, “The existing aluminum conductor, steel reinforced (ACSR) conductor wires are approaching their planned service life and are at greater risk of failure due to the degradation and will also be replaced.”
  - a. What is the approximate age and remaining useful life in years for the 1580 Line conductor?
  - b. What is the approximate age and remaining useful life in years for the 1808 Line conductor?
14. Referencing page 2 of the Petition, are the proposed structure replacements due to additional structural loading associated with the proposed conductor replacements and the replacement of shield wire with optical ground wire, asset condition issues associated with the existing structures and/or to meet NESC standards? Explain.

### **Environmental Effects and Mitigation Measures**

15. In addition to Eversource’s Best Management Practices, has Eversource developed a Protection Plan for wetlands and watercourses, including applicable pre-construction environmental resource field delineations and environmental inspections, monitoring and duties, in its construction plans for the project? If yes, submit the plan. If no, when would such a plan be developed?
16. Referencing Petition p. 24, required inspections associated with the DEEP SWPCP are mentioned. In addition to the qualified inspector required by the General Permit, would there be other environmental inspectors assigned to the Project? If yes, identify specific inspection duties. If no, explain why not.
17. What measures would be taken, if necessary, to determine if excavated soils are suitable for reuse or redistribution in other Project areas?
18. Referencing Petition p. 15, Eversource completed the required surveys for NDDB and submitted assessment results to DEEP on December 18, 2023. Provide a copy of the final DEEP NDDB Determination letter. How would specific recommendations for each NDDB species be implemented prior to or during construction?
19. Referencing Petition p. 10, submit a copy of the correspondence from SHPO.
20. Referencing Petition p. 10, has Eversource received any comments from the Tribal Historic Preservation Offices (THPOs) since the filing of the Petition?
21. How are invasive species within work areas identified prior to the commencement of construction?
22. Could Eversource use net-less or other type of E&S controls to prevent wildlife entanglement?

23. On Petition p. 23, the 2002 Connecticut Guidelines for E&S Control are referenced. Is the preliminary design of the Project at least 50 percent complete? If not, would construction comply with the Connecticut Guidelines for E&S Control and Connecticut Stormwater Quality Manual, effective March 30, 2024?
24. Referencing Petition p. 24, temporary E&S control measures would be routinely inspected until Project work is complete and all disturbed areas are stabilized. How often would E&S controls be typically inspected?
25. Referencing Petition p. 16, it states portions of the ROW are within New England Cottontail Focus Areas and work area restoration would include the covering either partial or fully, of gravel work pads with soil. The Supplemental Filing dated April 12, 2024 does not contain any callouts as to what gravel pads would be partially or fully covered. Provide further information regarding gravel pad restoration. How would Eversource ensure the New England Cottontail post-construction mitigation measures have been satisfactorily completed?