



STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

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VIA ELECTRONIC MAIL

December 1, 2022

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

RE: **PETITION NO. 1535** – 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 Ledyard Junction to Mystic Substation Upgrade Project consisting of the replacement and reconductoring of approximately 12.8 miles of its existing No. 1280 115-kilovolt (kV) electric transmission line within existing Eversource electric transmission right-of-way between Eversource’s Ledyard Junction in Ledyard and Mystic Substation in Stonington, Connecticut and related electric transmission line and substation improvements.

Dear Kathleen Shanley:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than December 13, 2022. 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 December 13, 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. 1535 - Eversource**  
**Ledyard Junction to Mystic Substation Upgrade Project**  
**Ledyard, Groton and Stonington, Connecticut**

**Interrogatories – Set Two**

30. Referencing page 34 of the Petition and the response to Council Interrogatory No. 16, Eversource notes that, “Helicopters may also be used to install pulling lines for OPGW installation.” Please respond to the following:
- a) Could the use of helicopters for optical ground wire (OPGW) installation reduce temporary wetland impacts associated with construction matting?
  - b) If yes, what is the total area, in square feet, of the reduction of temporary wetland impacts?
  - c) What would be the net additional cost associated with the use of helicopters for OPGW work to minimize the need for temporary construction matting in wetland areas?
  - d) What would be the net additional cost associated with the use of helicopters for OPGW work to minimize ground disturbance for the entire Project (i.e. both upland and wetland areas)?
31. Referencing page 18 of the Petition, Eversource notes that, “[T]ree removal from one vernal pool (VP6) and several vernal pool envelopes will be required.” Identify the vernal pools (i.e. VP numbers) that would have tree clearing within their vernal pool envelopes.
32. Referencing the response to Council interrogatory 6, Eversource notes that, “Whipple Junction to Mystic Substation segment conductor is 795 45/7 ACSR – installed in 1963...” Does this conductor size/type refer only to the #1280 Line? What is the conductor size/type and age for the segment of the #1465 Line from Mystic Junction to Mystic Substation?