



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

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VIA ELECTRONIC MAIL

June 2, 2020

Kathleen M. Shanley
Manager – Transmission Siting
Eversource Energy
P.O. Box 27
Hartford, CT 06141

RE: PETITION NO. 1405 - 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 Horton Cove Circuit Separation Project consisting of a partial rebuild and separation of approximately 1 mile of its existing No. 100 69-kilovolt (kV) and Nos. 1410, 1280, and 1355 115-kV electric transmission line structures within existing Eversource electric transmission line right-of-way between a location east of Depot Road to a point east of Point Breeze Road, Montville, Connecticut, and related electric transmission line structure improvements.

Dear Ms. Shanley:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than June 23, 2020. To help expedite the Council's review, please file individual responses as soon as they are available. At this time, consistent with the Council's policy to prevent the spread of Coronavirus, please submit an electronic copy only to siting.council@ct.gov. However, please be advised that the Council may later request one or more hard copies for records retention purposes.

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,

s/Melanie Bachman

Melanie Bachman
Executive Director

MB/MP

Petition No. 1405
Eversource
Horton Cove Circuit Separation Project
Montville, CT
Interrogatories

1. Referencing page 1 of the Petition, The Connecticut Light and Power Company d/b/a Eversource Energy (Eversource) notes that, “[T]his location is highly susceptible to outages associated with lightning strikes and interruptions resulting from other factors affecting the transmission system in the area.” Please explain what is meant by “interruptions resulting from other factors.”
2. Please explain why galvanized steel is proposed for the replacement structures rather than weathering steel.
3. Please explain why existing quad-circuit Structure No. 7008 would be replaced with two double-circuit structures rather than four single-circuit structures (e.g. similar to the Structure No. 7009 replacement).
4. Please explain why the double-circuit structures supporting the #1090 Line and the #1000 Line are not being replaced with double-circuit steel monopole structures.
5. Referencing page 6 of the Petition, Eversource notes, “Height increases would be approximately 50 feet for the new replacement Structure 7008A and approximately 65 feet for the replacement Structure 7008B.” Referencing Attachment C – List of Structure Replacements, existing Structure No. 7008 is 120 feet tall; proposed Structure No. 7008A is 185 feet tall (or 65 feet taller than existing); and proposed Structure No. 7008B is 170 feet tall (or 50 feet taller than existing). Please clarify the correct proposed heights for Structure Nos. 7008A and 7008B.
6. Referencing Attachment C – List of Structure Replacements, the proposed Structure Nos. 7009C and 7009D are identified as 160 feet tall. Drawing XS-3 depicts both structures as 165 feet tall. Which is correct?
7. For the proposed replacement structures that would support the #100 Line at 69-kV, would the structures/arms/insulators be pre-designed for 115-kV?
8. Referencing page 10 of the Petition, Eversource notes, “The results of the Phase 1B survey, and Eversource’s proposed protection strategy were provided to the State Historic Preservation Office (SHPO) and the Tribal Historic Preservation Offices (THPO)...” Did Eversource receive a response from SHPO and/or the THPOs? Explain.
9. Referencing page 8 of the Petition, Tree and Vegetation Removal, would all tree/vegetation removal be located within upland areas? If no, explain.
10. For Drawings XS-1, XS-2 and XS-3, please provide photographic documentation of the existing structures to be removed. Also provide photo-simulations to depict the proposed structures identified on Drawings XS-1, XS-2 and XS-3.