



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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VIA ELECTRONIC MAIL

June 22, 2018

Kathleen Shanley
Manager – Transmission Siting
Eversource Energy
P.O. Box 270
Hartford, CT 06141-0270

RE: **PETITION NO. 1346** - 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 replacement and relocation of an existing telecommunications facility and an existing relay and control enclosure located at Manchester Substation, 250 Olcott Street, Manchester, Connecticut, and related substation improvements.

Dear Ms. Shanley:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than July 9, 2018. To help expedite the Council's review, please file individual responses as soon as they are available.

Please forward an original and 15 copies to this office, as well as a copy via electronic mail. In accordance with the State Solid Waste Management Plan, the Council is requesting that 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.

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 A. Bachman
Executive Director

MB/MP/lm

c: Council Members
Sue Bellion, Project Siting Specialist, Eversource Energy

Petition No. 1346
Eversource Energy – Manchester Substation Modifications
Interrogatories - Set One
June 22, 2018

Construction

1. The proposed replacement tower would be approximately 23 feet wide at the base and tapering to approximately 5 feet wide at the top. As a comparison, estimate the top and bottom widths of the existing tower.
2. Would the final fence design of the substation expansion match the existing substation?
3. Referencing Figure 4 – Nearest Residence Map, the proposed tower compound would be located on the southeast section of the existing, square fenced laydown area. How would the existing fenced laydown area be modified to accommodate the tower compound? For example, would all of the existing laydown area fencing be removed or just a portion of it to fit in the proposed tower compound?
4. Page 3 of the Petition notes that new water and sewer lines would be run to the new control enclosure. What would Eversource do with the existing water and sewer lines to the existing enclosure? For example, would existing lines be capped and left in place?
5. Is it correct to say that the proposed project is located within the Federal Emergency Management Agency (unshaded) Zone X, an area outside of the 100-year and 500-year flood zones?
6. Calculate the amount of cut and fill (in cubic yards) required for the proposed project. If there would be excess or “net cut” material, what would Eversource do with the excess material?
7. Would a Connecticut Department of Energy and Environmental Protection (DEEP) General Permit be necessary, or would the total disturbance area be less than one acre?
8. Provide the proposed construction hours and days of the week/weekend. Is it possible that Sunday or other non-standard hours might be necessary due to inclement weather, scheduled outages, storm-related delays, or other issues?
9. Would the proposed backup generator be used for Eversource’s use only, or would it have some extra (kilowatt) capacity to supply future wireless carrier(s) as well? What is the estimated run time for the backup generator based on its fuel tank size?

10. Reference Table 1 (Antenna Schedule) in the Petition and Tower Elevation Sheet A-1 and please respond to the following:
- a) Sheet A-1 shows a "T/20.0' Dual Omni Antenna" and a "T/21.0' Dual Omni Antenna." Table 1 shows a "19-ft Dual Omni" antenna and a "23-foot Dual Omni" antenna. Please reconcile drawing A-1 with the inventory on Table 1.
 - b) Should the "19-ft Dual Omni" antenna on Table 1 be approximately 21 feet long per its specifications sheet?
 - c) Sheet A-1 shows a "T/20.0' Dipole" antenna and a "T/10.0' Dipole" antenna. Table 1 shows a "10-foot Dipole" antenna and a "15-foot Dipole" antenna. Please reconcile drawing A-1 with Table 1.
 - d) Please correct Sheet A-1 and Table 1 if necessary.

Aviation Safety

11. Page 18 of the Petition notes that, "The Replacement Tower's coordinates, height, and structure type were submitted to the Federal Aviation Administration (FAA) to determine if it requires FAA registration and lighting or marking." Has Eversource received a response from FAA? If yes, is marking or lighting required? Is registration with FAA required?

Environmental

12. Would the proposed project comply with the *2002 Connecticut Guidelines for Erosion and Sedimentation Control* and the *2004 Connecticut Stormwater Quality Manual*, as applicable?
13. Would proposed station service transformers have containment measures built into the foundations in the event of leakage of insulating oil? Would the proposed oil-filled circuit breakers have or require containment measures as well?