



# 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)

[www.ct.gov/csc](http://www.ct.gov/csc)

July 30, 2015

Marianne Barbino Dubuque  
Carmody Torrance Sandak & Hennessey LLP  
50 Leavenworth Street  
Waterbury, CT 06702

RE: **DOCKET NO. 461** - Eversource Energy application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a 115-kilovolt (kV) bulk substation located at 290 Railroad Avenue, Greenwich, Connecticut, and two 115-kV underground transmission circuits extending approximately 2.3 miles between the proposed substation and the existing Cos Cob Substation, Greenwich, Connecticut, and related substation improvements.

Dear Attorney Dubuque:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than August 13, 2015. 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 send a copy via electronic mail. 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 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.

Copies of your responses shall be provided to all parties and intervenors listed on the service list, which can be found on the Council's pending proceedings website.

Yours very truly,

Melanie Bachman  
Acting Executive Director

MB/RDM

Council Members

Enclosure

c: Service List dated July 23, 2015 (via electronic mail)  
Council Members



# 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)

[www.ct.gov/csc](http://www.ct.gov/csc)

Connecticut Siting Council  
Docket No. 461 - Greenwich  
Pre-hearing Interrogatories – Set 1

1. Please describe the attendance and any comments received from the Town of Greenwich at the Community Open House held on July 15, 2015.
2. Referring to Application pp. G-15-16, did the Town request any of the four Preferred Route options (Bruce Park Underground Open Trenching, MNRR/I-95 HDD Crossing Variation, BPV1, BPV2)? What issues necessitated the various options? Did the Town indicate a preference for a particular option?
3. Regarding the Bruce Park Underground Open Trenching option, is it necessary to place the transmission lines below Bruce Park Drive between Indian Harbor and the pond to the east? Can land adjacent to the road be used?
4. Has Eversource conducted any preliminary survey regarding underground conditions along the route of its proposed underground transmission line (Preferred Route and North and South Alternatives), either on its own or in consultation with the Town of Greenwich, or other entities that may have underground utilities in this area? If so, have the results been incorporated into cost estimates and route design? What methods were used?  
  
If not, at what time are subsurface investigations conducted and what methods are used to identify existing utilities, soil conditions, depth to bedrock?
5. Referring to Application p. E-16, how much capacity was added to the electric system as a result of the upgrades listed in Table E-4?
6. Referring to Application p. E-8 and p. F-9, how many 27.6-kV network feeders originate from the Prospect Substation?
7. Referring to Application p. G-7, how many distribution feeders are initially proposed?
8. Referring to Application Section G-7, does the underground transmission line cost refer only to the Preferred Route? Provide a cost estimate for the Preferred Route, Preferred Route options listed in G.4.1, Southern Route and Northern Route.
9. What is the estimated cost of the proposed Greenwich Substation?
10. Regarding the life-cycle cost of the transmission lines, provide life-cycle component costs using the parameters included in Table ES-3 of the Council's 2012 Life-Cycle report.
11. How are project costs allocated to Connecticut/regional customers?
12. Describe the methodology Eversource uses to predict increase in load demand, as described on Application p. E-1.

13. What is the estimated construction time for the following:
  - a) proposed Greenwich Substation;
  - b) Preferred Route;
  - c) Southern Alternative;
  - d) Northern Alternative; and
  - e) Cos Cob modifications.
14. What were the results of Eversource's notice to abutting property owners? If mail receipts were not returned, did Eversource make any additional attempts to contact these property owners?
15. In regards to Application p. J-9, has Eversource completed a preliminary survey of significant trees that would have to be removed on public and private property to accommodate the underground transmission lines (Preferred Route, North Alternative, South Alternative)? If so, please provide.
16. Application Section K describes the size of the splice vault excavation. Are the cable pull boxes (p. K-12) included in the excavation dimensions or is this an additional excavation?
17. Does the site plan in Application Appendix B represent the latest substation configuration? If so, how does the substation design incorporate the Town's comment of April 6, 2015? If not, please submit a revised plan including narrative how the design was altered to address the Town's comments.
18. Please resubmit Application Appendix C, Cos Cob Site Plans, with appropriate substation component labels/property lines/vegetation as the plans submitted are difficult to read.
19. Regarding Application Appendix E, what proposed Eversource transmission line routes correspond to the routes listed in the DOT's letter? (the attached maps are illegible). Has the DOT indicated a preference for any of the proposed transmission line routes?
20. Was the state-owned property west of the intersection of Field Point Road and Horesneck Lane considered for a substation? Please explain.
21. What is the height of the current building on the 290 Railroad Avenue parcel? What is the existing front yard setback?