



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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www.ct.gov/csc

March 19, 2018

Kathleen Shanley
Manager-Transmission Siting
Eversource Energy
56 Prospect Street
Hartford, CT 06103

RE: **DOCKET NO. 461A** - Eversource Energy 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 transmission circuits extending approximately 2.3 miles between the proposed substation and the existing Cos Cob Substation, Greenwich, Connecticut, and related substation improvements. Reopening of this docket based on changed conditions pursuant to Connecticut General Statutes §4-181a(b). Development and Management Plan, Vol. 1, Part 1 – Cos Cob Substation Modifications

Dear Ms. Shanley:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than April 3, 2018.

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 matters website.

Sincerely,

Melanie Bachman
Executive Director

MB/RDM

c: Parties and Intervenors



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Docket No. 461A

Eversource - GSLP Greenwich

Development and Management Plan (Vol. 1, Part 1)

Interrogatories

March 19, 2018

1. Referring to Site Plan Sheet 10034, two excavation areas are depicted on the east end and south end of the project site. A reference to "Note 9" is made but "Note 9" is not provided on the sheet. Please provide the following:
 - a. what is the purpose of each area?
 - b. provide a cross-section detail of each area that depicts material composition and depth.
 - c. what is the depth to bedrock in each area? If depth to bedrock is unknown, what measures would be undertaken to ensure the proposed subsurface features can be constructed as proposed?
 - d. what construction/drainage standard was used to determine appropriate size of each area?
 - e. are these are permanent or temporary features? If permanent, what cover material will be used in each area?
2. Referring to Site Plan Sheet 10034, provide a cross section detail of the drainage pipe/catch basin system on the east side of the site, including proposed ground elevation and depth into any subsurface drainage material. What is the size of the proposed catch basin? What criterion was used to determine that one catch basin is sufficient to capture post-construction stormwater flows?
3. Referring to Site Plan Sheet 10036, please provide the following:
 - a. sedimentation barriers along the west edge of the expansion area do not extend to the southwest corner. What is preventing stormwater from potentially flowing downslope to the adjacent property?
 - b. partial sedimentation barriers are shown along the south edge of the expansion area. What is preventing stormwater from flowing east from the southwest corner of the retaining wall along an existing drainage area and into a landscape area of Cos Cob Park? Similarly, what is preventing stormwater from flowing south from the dewatering basin area across a generally flat area onto the paved walkway in Cos Cob Park?
 - c. hay bales and silt fence are noted in certain areas but there is no indication which one is upgradient from the other, or the installation distance between the two barriers. Please clarify.
 - d. provide a drawing that shows potential stormwater flows from the construction area and methods for containing such flows. Please use arrows depicting such flows.
 - e. D&M Plan narrative p. 29 states migration of contaminated soils would be controlled by E&S controls; however, the construction site perimeter is only partially enclosed by E&S controls. How would soil migration be prevented in areas where there are no perimeter E&S controls? Please explain.
4. Referring to Site Plan Sheet 10034, exposed bedrock is shown. Indicate the method of removal of bedrock at the project site.
5. Referring to Site Plan Sheet 10033, two access points are show to the substation expansion area, a north entrance and an east entrance. Are one or both entrances being used during construction?

6. Indicate the height and type of fence separating Cos Cob Park from the substation expansion area. What is the height and proposed location of the construction “snow fence” specified on D&M Plan narrative p. 20? Would the existing park fence and proposed “snow fence” be adequate as a site security/construction barrier?
7. Referring to Site Plan Sheet 10036, vegetative clearing is shown in the southwest corner of the expansion area. Is the clearing limit extending beyond the limits shown to accommodate the specified sedimentation barriers? Describe the vegetation that would remain between the siltation barriers and adjacent property line, if any. If vegetation remains in this area, would any overhanging limbs be trimmed?
8. Referring to Site Plan Sheet 10037 – Dewatering Notes 2.4 and 2.6 seem to contradict each other. Is resulting groundwater being removed from the site or discharged on-site? If site soils are assumed to be contaminated, would groundwater encountered during construction also be assumed to be contaminated? Does DEEP or any other regulatory authority allow for the discharge of contaminated groundwater onto the same site property?
9. What conditions would require the implementation of fugitive dust emission controls? How will Eversource ensure dust control measures are taken by on-site construction contractors?
10. Provide a cross-section detail for the new paved substation access road.
11. What is the distance between the post-construction, permanent substation fence and the existing Cos Cob Park fence?
12. D&M narrative p. 29 states post-construction lighting would be similar to existing lighting. Please provide a lighting plan and indicate methods to prevent light trespass onto adjacent property.
13. Will the Cos Cob Substation expansion project require a DEEP General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities? If so, what is the status of the permit?
14. Will the Cos Cob Substation expansion project require a DEEP Coastal Area Management permit? If so, what is the status of the permit?
15. Do the proposed potential transformers contain insulation oil? If so, describe oil containment features.