



STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

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**VIA ELECTRONIC MAIL**

September 13, 2022

Robin Kipnis, Esq.  
General Counsel  
Connecticut Municipal Electric Energy Cooperative  
30 Stott Avenue  
Norwich, CT 06360  
[rkipnis@cmeeec.org](mailto:rkipnis@cmeeec.org)

RE: **PETITION NO. 1534** - Groton Utilities petition for a declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed modifications to its existing Buddington Substation located at the intersection of Buddington Road and Gold Star Highway in Groton, Connecticut, and related electric transmission line structure improvements.

Dear Attorney Kipnis:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than September 27, 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 September 27, 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/RM

**Petition No. 1534**  
**Groton Utilities - Buddington Substation**  
**Buddington Road, Groton, Connecticut**

**Interrogatories**

1. What is the total estimated cost of the project? Of this total, what costs would be regionalized, and what costs would be localized? Estimate the percentages of the total cost that would be borne by Groton Utilities' ratepayers, Connecticut ratepayers, and the remainder of New England (excluding Connecticut) ratepayers, as applicable.
2. How do the proposed modifications improve reliability of the transmission system?
3. Identify all other permits required to perform the proposed work.
4. Referencing page 6 of the petition and Attachment E, did the Town or City of Groton express any concerns related to the project? If so, what were the concerns and how were these concerns addressed?
5. Has there been any flooding of the substation in past storm events? Where is the 100-year flood zone in relation to the substation layout?
6. Provide an aerial photograph of existing substation conditions with a line denoting the limits of the project work area.
7. Would the proposed equipment increase substation noise levels? What is the estimated noise level at the property lines and do such levels comply with DEEP Noise Control regulations? How were noise levels determined?
8. What is the distance and direction of the existing substation fence to the nearest residential property line?
9. Have soils in the proposed excavation areas been tested to determine disposal characterization? What construction/disposal methods would be followed for on-site soils?
10. What erosion and sedimentation control measures would be utilized at the substation site during construction?
11. What is the height of the tallest proposed structure?
12. Is a mobile transfer required for this project? If yes, where would it be located? Describe containment measures for the mobile transformer to mitigate a fluid leak.