



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

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VIA ELECTRONIC MAIL

September 8, 2020

Bruce McDermott, Esq.
Murtha Cullina LLP
One Century Tower
265 Church Street
New Haven, CT 06510-1220

RE: **DOCKET NO. 490** – The United Illuminating Company application for a Certificate of Environmental Compatibility and Public Need for the Old Town Substation Rebuild Project that entails construction, maintenance and operation of a 115/13.8- kilovolt (kV) air-insulated replacement substation facility located on the existing Old Town Substation parcel at 282 Kaechele Place and two parcels immediately north totaling approximately 3 acres that are owned by the United Illuminating Company at 312 and 330 Kaechele Place, Bridgeport, Connecticut, and related transmission structure and interconnection improvements.

Dear Attorney McDermott:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than September 25, 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.

Copies of your responses shall 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,

s/Melanie Bachman

Melanie Bachman
Executive Director

MB/MP

c: Service List dated July 10, 2020

Docket No. 490
Pre-Hearing Questions
September 8, 2020
Set One

1. Of the letters sent to abutting property owners, how many certified mail receipts were received? If any receipts were not returned, which owners did not receive their notice? Were any additional attempts made to contact those property owners?
2. How many residences are located within a 1,000-foot radius of the center of the proposed replacement substation?
3. Are any state or locally-designated scenic roads located in the vicinity of the proposed project? If yes, provide the distance(s), and describe the visibility from such scenic roads.
4. Please provide an analysis of the existing loading for the two 60 megavolt-ampere (MVA) transformers at The United Illuminating Company's (UI) existing Old Town Substation. What is the MVA capacity of the existing Old Town Substation?
5. What are the approximate age(s) of the two existing transformers at Old Town Substation? What condition are they in? Please provide any analyses that have been performed on the two transformers to determine the condition and remaining life.
6. How would the costs of the proposed project be allocated? What costs would be regionalized, and what costs would be localized? Explain.
7. Would the proposed replacement substation be designed to meet Leadership in Energy and Environmental Design (LEED) certification criteria?
8. Referencing page ES-2 of the Application, UI notes that two 45/60/75 MVA power transformers would be installed within the proposed replacement substation. What is the MVA capacity of the proposed replacement substation? Given such capacity, has UI forecasted the distribution loads (i.e. ten-year forecast of projected MVA distribution loads) for the proposed replacement substation? If yes, provide such forecast.
9. When is it anticipated that the third transformer would be needed? Please provide loading data and growth estimates.
10. When would the proposed replacement substation be expanded to a two-bay breaker and one-half arrangement?
11. Would additional distribution feeders be connected to the substation? If so, indicate how many and estimate the loads.
12. Referencing page ES-3 of the Application, nine new steel monopoles would be installed. Would the proposed monopoles be galvanized steel or have a different finish? Explain.

13. Referencing page 3-3 of the Application, UI notes, that, "...[C]onsiderable grading and filling work is expected to be required." Quantify the amounts of cut and fill that would be required to develop the proposed facility.
14. Referencing page ES-3 of the Application, when is it anticipated that the 1714 Line would be interconnected to the substation?
15. Please provide additional information relating to the proposed locations of the emergency transformer connections.
16. Is any notice to the Federal Aviation Administration (FAA) required for any proposed structures within the replacement substation and/or any proposed transmission structures? If yes, what is the status of such FAA review? Would additional notice to FAA be required for temporary structures such as cranes? Explain.
17. Would the proposed replacement substation be expected to cause any interference with radio, wireless telecommunications, or cable or satellite television?
18. Did UI have to apply to the ISO New England (ISO-NE) Reliability Committee for a "no significant adverse effect on the transmission system" determination letter for the proposed replacement substation, if applicable? If yes, please provide a copy of such ISO-NE determination if available.
19. Is the proposed site within a Coastal Boundary? If yes, please provide a map.
20. Does the proposed site contain any Connecticut Prime Farmland and/or Important Agricultural Soils? If so, what acreage of prime farmland and important soils would the facility and associated equipment be located on? What are the total respective acreages of prime farmland and important soils on the subject property?
21. Would any tree clearing occur within core forest? If so, how many acres? Under Connecticut General Statutes §16-50k, "Core forest" means unfragmented forest land that is three hundred feet or greater from the boundary between forest land and nonforest land, as determined by the Commissioner of Energy and Environmental Protection." How would tree clearing affect core forest?
22. Please submit photographic site documentation with notations linked to the site plans or a detailed aerial image that identify locations of site-specific and representative site features. The submission should include photographs of the site from public road(s) or publicly accessible area(s) as well as Site-specific locations depicting site features including, but not necessarily limited to, the following locations as applicable:

For each photo, please indicate the photo viewpoint direction and stake or flag the locations of site-specific and representative site features. Site-specific and representative site features include, but are not limited to, as applicable:

1. wetlands, watercourses and vernal pools;
2. forest/forest edge areas;
3. agricultural soil areas;
4. sloping terrain;
5. proposed stormwater control features;
6. nearest residences;
7. Site access and interior access road(s);

8. electrical interconnection(s);
9. clearing limits/property lines;
10. mitigation areas; and
11. any other noteworthy features relative to the Project.

A photolog graphic must accompany the submission, using a site plan or a detailed aerial image, depicting each numbered photograph for reference. For each photo, indicate the photo location number and viewpoint direction, and clearly identify the locations of site-specific and representative site features shown (e.g., physical staking/flagging or other means of marking the subject area).

The submission shall be delivered electronically in a legible portable document format (PDF) with a maximum file size of <20MB. If necessary, multiple files may be submitted and clearly marked in terms of sequence.