

June 24, 2020

Melanie Bachman, Esq.  
Executive Director  
Connecticut Siting Council  
Ten Franklin Square  
New Britain, CT 06051

RE: The Connecticut Light and Power Company's Notice of Exempt Modification Pursuant to  
RCSA § 16-50j-57 Existing Energy Facility Site at 332 Clough Road in the City of  
Waterbury, Connecticut ("Notice of Exempt Modification")

Dear Ms. Bachman:

The Connecticut Light and Power Company dba Eversource Energy ("Eversource") hereby gives notice to the Connecticut Siting Council of its intent to undertake an exempt modification in accordance with Section 16-50j-57 of the Regulations of Connecticut State Agencies ("RCSA") for the modifications to Eversource's Bunker Hill Substation described herein.

**Proposed Modification**

The proposed modification would take place within the existing fenced area at Eversource's Bunker Hill Substation ("Substation"), located at 332 Clough Road in the City of Waterbury. The Substation is a 115/13.8-kV Substation with four 115-kV lines and two 115/13.8-kV distribution transformers to serve the local area and substation load.

Eversource proposes to install two new galvanized steel<sup>1</sup> direct-embed poles (structures 151-1 and 151-2) within the Substation's fenced area to connect a new optical ground wire to the existing control house. The poles would have a height of approximately 60 feet above ground level (See Figure 1).

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<sup>1</sup> Galvanized steel poles are currently installed in the existing right-of-way outside of the Substation.

Figure 1 – Bunker Hill Substation Proposed Pole Locations



The proposed modification would not have a substantial adverse environmental effect or cause a significant adverse change or alteration in the physical or environmental characteristics of the Substation because:


- The modification would be made within the Substation's existing secured fenced area and would not impair the structural integrity of the facility.
- The new poles would be shorter than the tallest existing structure within the Substation and would not cause any significant adverse change in the physical or environmental characteristics of the Substation.
- The Substation is in not within a 100-year flood zone; no wetlands, waterways would be affected.
- Eversource's review of the Department of Energy and Environmental Protection's Natural Diversity Data Base ("NDDDB") identified no state-listed endangered, threatened, or special concern species in the vicinity of the Substation.
- There would be no television or radio interference.
- Sound-pressure levels at all points along the property line would continue to meet state regulations.
- Electric and magnetic field levels at the Substation boundary would not change as a result of the modification.

Eversource proposes to commence construction in August 2020.

Per the Council's instructions in response to COVID-19, Eversource is submitting this filing electronically and will be providing one hard copy for the Council's records. Eversource further understands that the Council will invoice the Company for the requisite \$625 filing fee.

A notice of the exempt modification filing has been provided to the Mayor of Waterbury

Communications regarding this Notice of Exempt Modification should be directed to Kathleen M. Shanley at (860) 728-4527.

By:   
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Kathleen M. Shanley  
Manager – Transmission Siting