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July 2, 2021

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(a) to Existing Energy Facility Site at 143 Carmel Hill Road in the Town of Woodbury, Connecticut ("Notice of Exempt Modification")

Dear Attorney 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(a) of the Regulations of Connecticut State Agencies ("RCSA") for the modification to Eversource's Carmel Hill Substation described herein.

### **Proposed Modification**

The proposed modification would take place within the existing fenced area at Eversource's Carmel Hill Substation ("Substation"), located on Eversource property at 143 Carmel Hill Road in the Town of Woodbury. The Substation is a 115- to 23-kV facility with one 115- to 23-kV transformer, four 115-kV transmission circuits and three 23-kV circuits.

Eversource proposes the following modification to the Substation:

- Installation of one new 115-kV to 23-kV 62.5-MVA transformer;
- Installation of two new 115-kV circuit switchers;
- Installation of two new 115-kV circuit switchers;
- Installation of two new 115-kV wave traps;
- Installation of one new 115-kV motor operated disconnect switches;

- Installation of 23-kV distribution equipment (small double-bus switchgear enclosure, tie breakers, relays, and potential transformers); and
- Installation of foundations and relay/control cables to accommodate the new equipment.

The existing substation arrangement with the proposed modification is shown on Attachment A, Carmel Hill – Yard Arrangement Plan & Section – Connecticut Siting Council.

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 entirely within the Substation's existing fenced area and would not impair the structural integrity of the facility;
- The new equipment would be no taller 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 work would not affect wetlands or waterways, and the Substation is not located within a flood zone;
- Eversource's review of the Department of Energy and Environmental Protection's Natural Diversity Data Base ("NDDB") identified no state-listed endangered, threatened, or special concern species in the vicinity of the Substation;
- There would be no increase in television or radio interference resulting from the proposed modification;
- The sound pressure levels at all points along the property line would not change as a result of the modification; and,
- Electric and magnetic field levels at the Substation boundary would not change substantially as a result of the modification.

Eversource proposes to commence construction in September 2021. Work is scheduled to be completed in August 2022.

Eversource further understands that the Council will invoice the Company for the requisite fee of \$625.00.

A notice of the exempt modification filing has been provided to the First Selectman Barbara Perkinson, Woodbury.

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

A handwritten signature in blue ink, appearing to read "Kathleen M. Shanley", is centered on a light blue rectangular background.

By: \_\_\_\_\_  
Kathleen M. Shanley  
Manager – Transmission Siting

