

# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

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June 21, 2018

Kathleen M. Shanley  
Manager-Transmission Siting  
Eversource Energy  
56 Prospect Street  
P.O. Box 270  
Hartford, CT 06103

RE: **DOCKET NO. 466** - The Connecticut Light & Power Company d/b/a Eversource Energy Certificate of Environmental Compatibility and Public Need for the Frost Bridge to Campville 115-kilovolt (kV) electric transmission line project that traverses the municipalities of Watertown, Thomaston, Litchfield, and Harwinton, which consists of (a) construction, maintenance and operation of a new 115-kV overhead electric transmission line entirely within existing Eversource right-of-way and associated facilities extending approximately 10.4 miles between Eversource's existing Frost Bridge Substation in the Town of Watertown and existing Campville Substation in the Town of Harwinton; (b) related modifications to Frost Bridge Substation and Campville Substation; and (c) reconfiguration of a 0.4 mile segment of two existing 115-kV electric transmission lines across the Naugatuck River in the Towns of Litchfield and Harwinton within the same existing right-of-way as the new 115-kV electric transmission line. D&M Plan Revision.

Dear Ms. Shanley:

The Connecticut Siting Council (Council) is in receipt of your correspondence dated June 21, 2018 regarding a revision to the Development and Management (D&M) Plan for the above-referenced project that was approved by the Council on September 15, 2016. Specifically, the proposed revision includes the following:

The installation of temporary guy wires/anchors on 12 vertical tangent direct embed structures on the 1854 Line to provide stability during necessary backfill replacement/remediation. The backfill placed around these structures during the initial work has degraded, affecting structure stability. Eversource would replace or remediate backfill material as necessary to maintain structural stability. Based on subsurface soil conditions at each structure, some of the guy-wires will remain in place permanently. This determination will be made in the field on a case-by-case basis. The structures (5-10, 15-17, 19-20, and 22) are located in Watertown between the Frost Bridge Substation and Purgatory Junction. Work in these locations will occur within the existing right-of-way during June and July 2018, from 7 AM to 7 PM, Monday through Saturday except for work at Structures 5-10, located in the Mattatuck State Forest, where the work end time is at 5 PM, pursuant to Eversource's agreement with the Department of Energy and Environmental Protection.

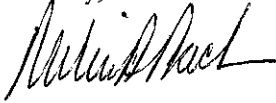
Pursuant to Regulations of Connecticut State Agencies §16-50j-62(b), your request for the revision submitted on June 21, 2018 is hereby approved. This approval applies only to the D&M Plan revision dated June 21, 2018. Any significant changes to the D&M Plan require advance Council notification and approval.



Please be advised that deviations from the D&M Plan are enforceable under the provisions of Connecticut General Statutes § 16-50u. Furthermore, the Certificate Holder is responsible for reporting requirements pursuant to Regulations of Connecticut State Agencies Section 16-50j-62.

Thank you for your attention and cooperation.

Sincerely,



Melanie A. Bachman  
Executive Director

c: Council Members  
The Honorable Thomas L. Winn, Town Council Chairman, Town of Watertown  
Robert M. Scannell, Town Manager, Town of Watertown

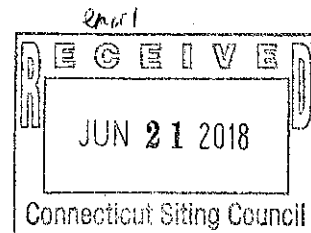


56 Prospect Street  
P.O. Box 270  
Hartford, CT 06141-0270

Kathleen M. Shanley  
Manager – Transmission Siting  
Tel: 860-728-4527

June 21, 2018

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



RE: Docket No. 466: Frost Bridge to Campville 115-kV Project  
Development and Management Plan Change Notice Request  
Addition of Guy Wires/Anchors on Certain Transmission Line Structures, Town of Watertown

Dear Ms. Bachman:

Pursuant to Section 16-50j-62(b) of the Regulations of Connecticut State Agencies (RCSA) and Section 7.2 of the *Development and Management (D&M) Plan for the Frost Bridge to Campville 115-kV Project (Project): New 115-kV Transmission Line and Related Transmission Line Modifications*, The Connecticut Light and Power Company doing business as Eversource Energy (Eversource) requests that the Connecticut Siting Council (Council) staff review and approve the installation of guy wires/anchors on 12 vertical tangent direct embed structures along the new 115-kilovolt (kV) 1854 Line, which was energized and placed into service on December 16, 2017.

Specifically, during routine inspections of the 1854 Line right-of-way (ROW) conducted after the winter of 2018, Eversource identified degradation of the backfill materials around certain of the direct embed structures due to a combination of factors that include subsurface conditions, specific characteristics of the backfill materials placed, backfill placement methods, and unanticipated settling. As a result, Eversource determined that the backfill material around these structures must be investigated and replaced or remediated, as needed, to maintain structural stability.

Subsurface investigations and remediation efforts, which involve the installation of temporary guys (wires and anchors), are currently underway. However, Eversource anticipates that, in addition to these efforts, permanent guys (wires and anchors) may be required for some of the structures to maintain the long-term stability of these transmission line structures. Eversource will evaluate each structure on a case-by-case basis and determine the need for permanent guy wire installation based on the subsurface conditions identified. Eversource proposes to list the structures at which permanent guys were installed in the final Project report to the Council.

The affected direct embed structures, which are all located along the 1854 Line in the Town of Watertown in the ROW segment north of Frost Bridge Substation and south of Purgatory Junction, are Structures 5-10, 15-17, 19-20 and 22.<sup>1</sup> All work, including the installation of permanent guys, will be contained within Eversource's ROW, which ranges from 250 to 400 feet wide in the vicinity of the affected structures.

<sup>1</sup> The affected structures are illustrated on the maps that comprise the Frost Bridge to Campville 115-kV Project Development and Management Plan, Volume 3 (Mapsheets 3, 4, 5, 8, and 9).

June 21, 2018

Page 2

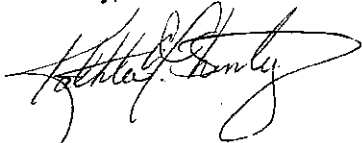
Further, along this segment of the ROW, the new 1854 Line is situated between the 352 Line (located to the north) and the 1191 and 1238 lines (located to the south).

Eversource expects to conduct the above-referenced work during June and July 2018. In most areas, work will be performed between 7:00 AM to 7:00 PM, Monday through Saturday. However, work at Structures 5-10, located within the Mattatuck State Forest, will be performed from 7:00 AM to 5:00 PM, pursuant to Eversource's agreement with the Connecticut Department of Energy and Environmental Protection.

The Town of Watertown and affected landowners will be notified of the above-referenced work.

Should Council staff have any questions regarding these activities, please do not hesitate to contact me via e-mail at [kathleen.shanley@eversource.com](mailto:kathleen.shanley@eversource.com) or telephone at (860) 728-4527.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kathleen M. Shanley', with a large, sweeping flourish extending to the right.

Kathleen M. Shanley