



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

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May 23, 2017

Kathleen Shanley  
Manager – Transmission Siting  
Eversource Energy  
P.O. Box 270  
Hartford, CT 06141-0270

RE: **PETITION NO. 1217** – Eversource Energy declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed separation of the existing 1779/1777 115 kilovolt (kV) electric transmission lines for 1.6 miles within existing right of way from Bloomfield Substation to Bloomfield Junction; proposed separation of the existing 1751/1777 115kV electric transmission lines for 5.3 miles within existing right of way from Bloomfield Junction to North Bloomfield Substation; modifications to the existing overhead 1779 115 kV electric transmission line to loop into the Rood Avenue Substation via underground cables; including related transmission line structure improvements; and modifications to the Bloomfield Substation, 40 Crestview Drive and North Bloomfield Substation, 2 Hoskins Road both in Bloomfield, Connecticut and modifications to the Rood Avenue Substation located at 275 Rood Avenue, Windsor, Connecticut. **D&M Plan Revision.**

Dear Ms. Shanley:

The Connecticut Siting Council (Council) is in receipt of your request dated May 19, 2017 to revise the Transmission Development and Management Plan (Transmission D&M Plan) for the above-referenced project. In response to your May 19, 2017 request, pursuant to Regulations of Connecticut State Agencies §16-50j-62(b), Council staff hereby acknowledges receipt and approves the revision to the Transmission D&M Plan, which includes, but is not limited to, the relocation of Structure No. 3-110\_1 approximately 80 feet to the southwest to minimize the risk of silt entering the foundation excavation. Such relocation would also require an increase in the work pad size from 100 feet by 100 feet to approximately 140 feet by 100 feet.

This approval applies only to the D&M Plan revision received on May 19, 2017. Any significant changes to the D&M Plan require advance Council notification and approval.

Thank you for your attention and cooperation.

Very truly yours,

Melanie A. Bachman  
Executive Director

MB/MP

c: Council Members

The Honorable Joan A. Gamble, Mayor, Town of Bloomfield

Philip K. Schenck, Jr., Town Manager, Town of Bloomfield

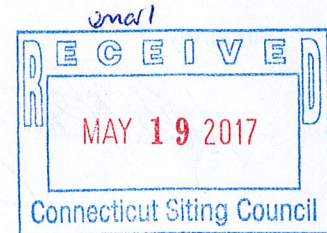
Jose Giner, Director of Planning, Town of Bloomfield





May 19, 2017

Mr. Robert Stein, Chairman  
Connecticut Siting Council  
Ten Franklin Square  
New Britain, CT 06051



RE: Petition No. 1217: Bloomfield-Windsor Upgrades Project  
Development and Management Plan Change Notice Request:  
Structure 3-110\_1: Proposed 80-foot In-Line Location Structure Shift, Town of Bloomfield

Dear Chairman Stein:

Pursuant to Section 16-50j-62(a)(1) of the Regulations of Connecticut State Agencies (RCSA) and Section 7.2 of Volume 1 of the Bloomfield - Windsor Upgrades Project- Development and Management Plan (D&M Plan), The Connecticut Light and Power Company doing business as Eversource Energy (Eversource) submits the above-referenced proposed D&M Plan change for Connecticut Siting Council staff review and approval.

On January 26, 2017, the Project initiated installation of the foundation for structure 3-110\_1 in its approved location. This location was approximately 40 feet downstream of Blue Hills Dam, which was constructed by the Natural Resource Conservation Service (NRCS) to control flooding in the Park River watershed. Following the installation of three pieces of telescoping wall casings, it was observed that there was significant inflow (or blow-in) of silty material between the first and second, and second and third overlapping pieces of casing. Due to concerns associated with the unexpected inflow of material, Eversource made the decision to halt work, remove the telescoping casing and temporarily backfill the excavation with ¾-inch processed gravel.

In accordance with Condition 15d of the combined Section 401 Water Quality Certificate (WQC-201606832) and Dam Safety (DS-201606831) permit, Eversource notified the Connecticut Department of Energy and Environmental Protection (CT DEEP) and the NRCS of the problems with the foundation installation and the decision to halt work. Since that time, Eversource, CT DEEP, and NRCS have held detailed discussions regarding alternative options for the installation of the foundation in proximity to the downstream side of the dam.

In developing the alternative options, Eversource considered multiple foundation types and foundation installation methods to minimize impacts to the Blue Hills Dam. However, Eversource ultimately concluded that the preferred option is to shift the location of Structure 3-110\_1 approximately 80 feet to the southwest (towards Structure 3-109\_1) from its original location, or approximately 120 feet away from the toe of Blue Hills Dam. The CT DEEP and NRCS have agreed that shifting the location of the structure and restoring the excavation at the original location is the best option to reduce potential risks and concerns that were raised during the Eversource's consultation with the agencies.

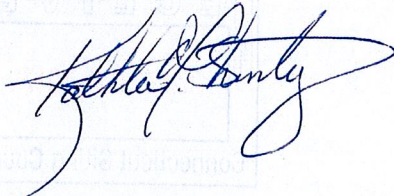
Along with the new structure location, Eversource has determined that the proposed work pad associated with this structure would need to be increased in size from approximately 100 feet by 100 feet to 140 feet by 100 feet. There will be no additional effects on any environmental resources as a result of these proposed modifications. Please see attachment (D&M Plan Sheet 4 of 25, revised 3/15/2017).



Enclosed with this original filing are 15 copies of the D&M Plan Change Request.

Should you or other Council members have any questions regarding this submission, 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,

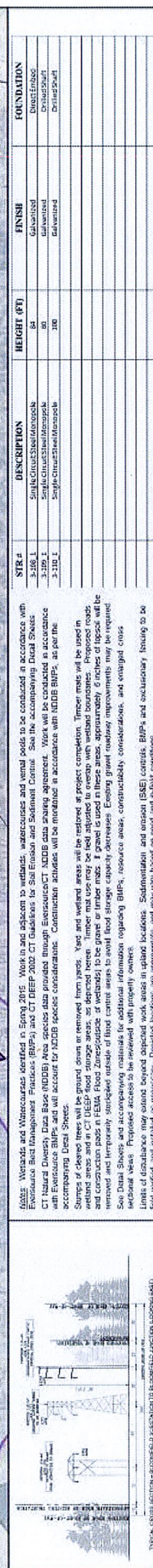


Kathleen M. Shanley  
Manager - Transmission Siting

Encl.

Attachment: D&M Plan Sheet 4 of 25 for the Bloomfield - Windsor Upgrades Project Development and Management Plan for 115-kV Transmission Line Upgrades





**BLOOMFIELD-WINDSOR UPGRADES PROJECT**

**1777/1779 TRANSMISSION LINE UPGRADES BETWEEN BLOOMFIELD SUBSTATION AND BLOOMFIELD JUNCTION, BLOOMFIELD, CT**

**Legend:**

- 1771 Line - Existing
- 1772/1779 Line - Building
- 1773 Line - Proposed
- Existing Structure
- Proposed Structure
- Originally Proposed Structure
- Reserve Property
- Easement Right of Way
- 1771 Line - Existing
- 1772/1779 Line - Building
- 1773 Line - Proposed
- Existing Structure
- Proposed Structure
- Originally Proposed Structure
- Reserve Property
- Easement Right of Way
- 1771 Line - Existing
- 1772/1779 Line - Building
- 1773 Line - Proposed
- Existing Structure
- Proposed Structure
- Originally Proposed Structure
- Reserve Property
- Easement Right of Way

**Scale:** 0 50 100 Feet

**North Arrow:** N

**Project Location:** Bloomfield, CT

**Project Description:** 1777/1779 TRANSMISSION LINE UPGRADES BETWEEN BLOOMFIELD SUBSTATION AND BLOOMFIELD JUNCTION, BLOOMFIELD, CT

**Sheet 4 of 25**

**Revised: 3/15/2017**

**Project Information:**

- Owner: NYS
- Project: 1777/1779 TRANSMISSION LINE UPGRADES BETWEEN BLOOMFIELD SUBSTATION AND BLOOMFIELD JUNCTION, BLOOMFIELD, CT
- Location: Bloomfield, CT
- Scale: 1" = 100'
- Projection: NAD 83
- Coordinate System: NAD 83
- Units: Feet
- File Name: 1777\_1779\_TRANSMISSION\_LINE\_UPGRADES\_BETWEEN\_BLOOMFIELD\_SUBSTATION\_AND\_BLOOMFIELD\_JUNCTION.ctb
- Author: [Name]
- Created: [Date]
- Modified: [Date]
- Printed: [Date]
- Printer: [Name]