



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@ct.gov

www.ct.gov/csc

June 21, 2018

Kathleen M. Shanley
Eversource Energy
P.O. Box 270
Hartford, CT 06141-0270

RE: **DOCKET NO. 461A** - Eversource Energy Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a 115-kilovolt (kV) bulk substation located at 290 Railroad Avenue, Greenwich, Connecticut, and two 115-kV underground transmission circuits extending approximately 2.3 miles between the proposed substation and the existing Cos Cob Substation, Greenwich, Connecticut, and related substation improvements. Demolition of Warehouse Building and Pre-Construction Site Preparation Development and Management Plan.

Dear Ms. Shanley:

At a public meeting of the Connecticut Siting Council (Council) held on June 21, 2018, the Council considered and approved the partial Development and Management Plan (D&M Plan) submitted for this project on May 18, 2018 specific to the Demolition of Warehouse Building and Pre-Construction Site Preparation for the Greenwich Substation and Line Project. The Council recommends Eversource consider the following:

- a) Where applicable, use of appropriate erosion and sedimentation controls specific to paved surfaces;
- b) Ensure qualified personnel clean-up and remediate spills and spill contaminated materials.

This approval applies only to the partial D&M Plan submitted on May 18, 2018. Requests for any changes to the partial D&M Plan shall be approved by Council staff in accordance RCSA §16-50j-62(b). Furthermore, the Certificate Holder is responsible for reporting requirements pursuant to Regulations of Connecticut State Agencies Section 16-50j-62.

Please be advised that changes and deviations from this plan are enforceable under the provisions of the Connecticut General Statutes § 16-50u. Enclosed is a copy of the staff report on this partial D&M Plan, dated June 21, 2018.

Thank you for your attention and cooperation.

Sincerely,

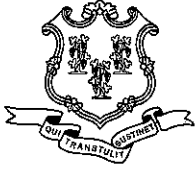
Robert Stein
Chairman

RS/RDM/laf

Enclosure: Staff Report, dated June 21, 2018

c: Parties and Intervenors





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Docket No. 461A

Eversource Energy

Partial Development and Management Plan

Vol. 1, Part 2A

290 Railroad Avenue Initial Site Preparation

Staff Report

June 21, 2018

Introduction

On May 18, 2018, Eversource Energy (Eversource) submitted to the Connecticut Siting Council (Council) a partial Development and Management (D&M) Plan specifically related to Greenwich Substation site preparation activities for the Greenwich Substation and Line Project (GSLP) that was approved by the Council on November 14, 2017. According to the Council's Decision and Order (D&O) Item Number 3, Eversource is to submit two D&M Plans for the GSLP, one specific to the new Greenwich Substation and other substation improvements, and one specific to the new transmission line. Pursuant to Regulations of Connecticut State Agencies (RCSA) §16-50j-60, a partial or full D&M Plan shall be prepared for any proposed energy facility for which the Council issued a Certificate of Environmental Compatibility and Public Need.

The submitted partial D&M Plan only pertains to initial site preparation activities related to the new Greenwich Substation located at 290 Railroad Avenue in Greenwich. The submitted partial D&M Plan (Vol. 1, Part 2A) does not include specifications for the new Greenwich Substation or the new transmission line. A D&M Plan specific to those project components will be submitted at a later date.

Municipal and Other Public Consultations

Prior to submission of the partial D&M Plan, Eversource provided the Town of Greenwich with a draft version of the partial D&M Plan and offered to meet with the Town to discuss this portion of the GSLP. Eversource submitted a final copy of the partial D&M with the Town and all parties and intervenors listed on the service list for comment. No comments have been received to date.

Partial D&M Plan – Greenwich Substation Site Preparation

Project Description

The new Greenwich Substation will be located at 290 Railroad Avenue in Greenwich. The property is currently occupied by a 15,647 square foot commercial building. The building and associated infrastructure will be demolished and removed from the property to provide space for the substation footprint.

Work site control will be accomplished by eight-foot tall construction security chain link fencing around the perimeter of the site. The construction security fence will have visual screening and appropriate construction work zone signage. A dedicated vehicle ingress/egress gate will be established along the west side of the site, entering onto Field Point Road.

An environmental assessment of the building was conducted in January 2018. Hazardous materials identified include, but are not limited to, asbestos, lead-based paint, various lighting fixtures, PCB light ballasts, and various chemicals and solvents. All identified hazardous materials will be removed of and disposed of by a licensed/qualified contractor in accordance with applicable criteria prior to building demolition.



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Affirmative Action / Equal Opportunity Employer

Utilities servicing the building will be identified and isolated for permanent disconnection. Once utilities have been shut off and hazardous materials properly removed, building demolition will proceed. Typical demolition machinery will be utilized at the site, including but not limited to, backhoe loaders, hydraulic excavators, dump trucks, material handling machinery, wheel loaders, and waste storage containers.

The east and south sides of the existing building were constructed on the property line. Eversource is in the process of obtaining a 4,700 square foot easement on abutting property to allow for enough space to safely remove the building and any related subsurface features/utilities. The easement area will be contained within the construction work zone fencing. Existing vegetation within the easement area will be retained to the extent possible and protected in designated locations.

Once the building is removed, the concrete floor and foundation system will be sawcut and excavated. Site asphalt paving and subsurface features and utilities will also be excavated and removed. Blasting will not be required.

The site will be graded utilizing existing soil. All existing on-site landscaping will be removed.

Recyclable materials will be removed from the work area and transported off-site for appropriate re-use or salvage, pursuant to Eversource policies. General construction and demolition debris will be deposited within secured containers or areas and stored temporarily either on-site or at the nearby staging area. Containers that are not removed or emptied at the end of the work day will be inspected and secured appropriately.

Final site cleanup will include the removal of all waste containers and debris. Adjacent sidewalks and streets will be swept clean, as necessary.

The partial D&M Plan contains site plans indicating perimeter fence locations, vehicle access points, building and utility features, hazardous material locations, erosion and sedimentation controls, and vegetation to be removed and/or trimmed.

Erosion and Sediment Control Plan

The work area will be enclosed by erosion and sedimentation (E&S) control barriers consisting of staked hay bales and erosion control filter fabric siltation fencing. E&S controls will conform to the 2002 *Connecticut Guidelines for Soil Erosion and Sediment Control*, and Eversource's *Best Management Practices Manual for Connecticut and Massachusetts Sept. 2016*. A paved portion of the existing parking lot will be retained at the vehicle access point to provide for a stabilized construction entrance and tire wash area. An adjacent catch basin will be protected with a sediment drain filter.

During demolition, Eversource will use water trucks to control fugitive dust emission controls. Paved areas/roads will be periodically swept, as necessary, to remove any excess dirt that is tracked onto the pavement.

Spill Prevention and Countermeasures Plan

A Spill Prevention and Countermeasures Plan is included within the partial D&M Plan. It includes provisions for routine equipment inspection and maintenance of hydraulic and fuel lines, maintaining on-site spill kits with containment and clean up materials, and reporting procedures to the on-site construction manager and Department of Energy and Environmental Protection, if applicable. If the spill causes soil contamination, the soils will be excavated and disposed of in accordance with regulatory criteria. If the Project construction contractor determines that a release cannot be adequately excavated and disposed of by its on-site construction crews, the construction contractor will contact a designated spill response firm.

Equipment and Material Staging Areas

Staging areas will be located within the Site and at the Eversource-owned 281 Railroad Avenue property ("Pole Yard"). Staging areas will include equipment storage for backhoe loaders, hydraulic excavators, material handling machinery, wheel loaders, buckets, hammers, shears, grapples, pulverizers, dump trucks, and waste storage containers as well as temporary services such as portable toilets, office trailers and designated worker parking areas.

Construction Schedule

Construction work hours will be 7:00 AM to 6:00 PM, Monday through Friday and 9:00 AM to 5:00 PM on Saturdays. Work is expected to occur between July 2018 and October 2018.

The partial D&M Plan (Vol. 1, Part 2A) complies with the requirements of RCSA § 16-50j-60 to 16-50j-62 and is consistent with the Council's D&O dated November 14, 2017. Council staff recommends approval of the partial D&M Plan (Vol. 1, Part 2A), specific to building demolition and site preparation at the new Greenwich Substation location at 290 Railroad Avenue in Greenwich.