



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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VIA ELECTRONIC MAIL

November 1, 2019

Susan J. Bellion
Project Siting Specialist – Transmission Siting
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 transmission circuits extending approximately 2.3 miles between the proposed substation and the existing Cos Cob Substation, Greenwich, Connecticut, and related substation improvements.

Dear Ms. Bellion:

Pursuant to Regulations of Connecticut State Agencies §16-50j-62 (b) and in response to your email of November 1, 2019, the Connecticut Siting Council (Council) staff hereby approves a temporary change to the Development and Management (D&M) Plan for additional construction hours necessary to expedite construction at the Greenwich Substation site. The additional construction hours are detailed in the chart below:

Construction Activity	Dates (2019)	Work Hours
Foundation drilling	11/11 through 11/23	7 AM - 7 PM, Mon. - Fri. 8 AM – 6 PM, Sat.
Transformer delivery	11/6 through 11/8	6 AM on 11/6 to 7 PM on 11/8
Transformer assembly	Sundays 11/10, 11/17, 11/24, 12/8, 12/15, 12/22 11/11 through 11/18	7 AM – 7 PM Sun. 7 AM -7 PM Mon.-Sat.
Transformer filling	11/24 and 12/8	24 hrs./day
Transformer work and Switchgear delivery	11/18 through 12/9	24 hrs./day
Transformer/switchgear work, and Control Enclosure delivery	12/10 through 12/21	7 AM – 7 PM

Weather and other potential delays in the delivery of equipment have been factored into the above schedule. Notification of exact equipment delivery dates/times will be recorded in the monthly construction progress reports. Delivery of equipment would result in temporary road closures and traffic detours to be coordinated with the Town. Assembly and installation work will be performed within the substation property.

This approval applies only to the temporary additional work hours requested in your email of November 1 2019. Any additional changes to the D&M Plan require advance notification and approval in accordance with the Council’s approval of the D&M Plan on January 17, 2019. Furthermore, the Certificate Holder is responsible for reporting requirements pursuant to Regulations of Connecticut State Agencies Section 16-50j-62.

Please be advised that deviations from this plan are enforceable under the provisions of the Connecticut General Statutes § 16-50u.

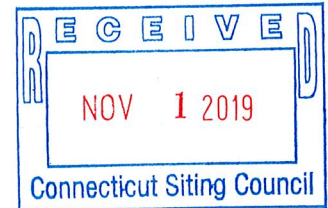
Thank you for your attention and cooperation.

Sincerely,

Melanie Bachman
Executive Director

c: Kathleen Shanley, Eversource





From: Bellion, Susan J <susan.bellion@eversource.com>

Sent: Friday, November 1, 2019 11:02 AM

To: Bachman, Melanie <Melanie.Bachman@ct.gov>

Cc: Clarke, Robert P <robert.clarke@eversource.com>; Shanley, Kathleen M <kathleen.shanley@eversource.com>

Subject: Docket 461A: Greenwich Substation and Line Project, Greenwich Substation D&M Plan, Request for Extended Work Hours for: 1. Drilling for Perimeter Wall and Other Foundations from November 11 through November 23; and 2. Delivery and Installation of Large

Dear Ms. Bachman:

Eversource Energy requests the Connecticut Siting Council (CSC, Council) staff review and approve the following extended work hours, which will expedite the construction of the Greenwich Substation.

Foundation Drilling Extended Work Hour Request

On October 8, 2019, the CSC approved extended work hours for the Greenwich Substation contractor to perform drilling activities on the substation site from 7 AM to 7 PM Monday through Friday and from 8 AM to 6 PM on Saturdays from October 10, 2019 through November 9, 2019. Normal work hours at the substation are 7 AM to 6 PM, Monday through Friday and 9 AM to 5 PM on Saturday.

Due to unanticipated delays in the performance of the drilling for the 45 foundations (as required for the substation equipment and the perimeter wall), Eversource requests the same additional extended hours; from 7 AM to 7 PM Monday through Friday and from 8 AM to 6 PM on Saturdays - from November 11 through November 23, 2019. Eversource has consulted with representatives of the Town of Greenwich regarding this request.

Large Equipment Delivery and Installation: Extended Work Hour Request

In addition to the request for extended hours from November 11 through November 23 foundation drilling, Eversource requires extended work hours for other work at the substation. Based on the current substation construction schedule, Eversource anticipates the following dates and extended work hour requirements for large equipment deliveries and installation:

- Extended and possibly overnight hours starting at 6 AM on November 6 until 7 PM on November 8. This is to accommodate the delivery of the two transformers and related materials.
- Sunday work on November 10, 17 and 24; December 8, 15, and 22, from 7AM – 7PM. However, work on November 24 and December 8 would be 24/7 to accommodate transformer filling as outlined below.
- Extended work hours from 7am to 7pm on November 11 through November 18 for transformer assembly.
- Continuous (24/7) work hours from November 18 through December 9 for oil filling, continued transformer assembly and delivery of the switchgear, currently scheduled for December 5.
- Extended work hours from 7 AM to 7PM on December 10 through December 21 to complete the transformer assembly, the assembly of the switchgear modules and delivery and assembly of the control enclosure, which is currently scheduled for delivery on December 16.

Work would not be performed over the Thanksgiving holiday (November 28 through December 1, 2019).

Further detail regarding the specifics of the work is provided below.

As stated in the Greenwich Substation D&M Plan (Sections C.2.6, D.2, E.7; refer to pp. 24, 27, 32), the delivery and installation of large substation equipment, such as the two transformers, switchgear, and control enclosure, will require extended work hours. As also noted in the D&M Plan, some construction activities, such as transformer installation and oil filling, must be performed continuously (on a 24-hour basis).

Further, the delivery of the large equipment will require the temporary closure of Field Point Road between Railroad Avenue and Prospect Street and some traffic modifications when heavy load trucks must be positioned to enter/leave the substation site. The delivery and installation of this large equipment will involve some extended work hours, including 24/7 work shifts for the transformer work and – if required – work on Sundays (i.e., November 10, 17 and 24; December 8, 15, and 22) and also include the potential temporary staging of one of the transformer transporters on Field Point Road (adjacent to the substation site) between 4 PM on the day of the transformer delivery and 9 AM the following day.

Traffic controls and notifications for the delivery will be coordinated with the Town of Greenwich.

The above requested hours represent the Project's best estimates, based on the current schedule, permit restrictions and in coordination with the various contractors. The exact dates and times of the required extended work hours for these activities are weather-dependent (e.g., transformers cannot be assembled in the rain; inclement weather may delay the arrival of the large equipment). Moreover, the exact delivery times for the large equipment is a function of CT DOT permits for the heavy/oversize loads, as well as traffic conditions on routes leading to the Town of Greenwich area. For example, the Connecticut Department of Transportation ("CT DOT") permit that has been received for the transport of the two transformers allows travel on state roads only between 9 AM and 4 PM weekdays; CT DOT permits have yet to be received for the transport of the switchgear and control enclosure.

Transformers:

- Delivery of the two transformers is scheduled for November 6, 2019, with a contingency date for rain/inclement weather on November 7, 2019. Extended and possibly overnight hours starting at 6am on November 6 until 7pm on November 8. This is to accommodate the delivery of the two transformers and related materials.
- Transformer assembly on the substation site is scheduled to commence the week of November 11, 2019, continue until Monday, November 25, 2019, and – after a break for the Thanksgiving holiday – resume on December 2, 2019. The assembly work is expected to be completed by December 21, 2019.

Distribution Switchgear:

- Delivery of the switchgear, which consists of six modules, is scheduled for December 5, 2019, but may occur any time during the week of December 2, 2019. Six oversized truck loads will be required for the delivery; all truck loads will require state permits for heavy loads with set hours/days for transport. For the distribution switchgear, it has not yet been determined if CT DOT will require the loads to be delivered during the day or nighttime.
- The assembly of the switchgear modules is scheduled to be completed by December 21, 2019. Some extended work hours within the time frame requested, but no 24/7 shifts, are expected to be required for the switchgear assembly.

Control Enclosure:

- Delivery of the control enclosure is scheduled for December 18, 2019 but may occur earlier or later during the week of December 16, 2019. The delivery will require two oversized truck loads, which will require transportation permits for heavy loads. It has not yet been determined if the permits will require the loads to be delivered during daylight or nighttime hours.

- The control enclosure will be off-loaded and placed on its foundation in one day. Some extended work hours, but no 24/7 shifts, are expected to be required for this work.
- Assembly of the enclosure is expected to be completed by approximately December 21, 2019.

Eversource seeks overall CSC staff approval for the extended work hours for the activities at Greenwich Substation, as described above, from November 6 through December 21, 2019. This approach would eliminate the need for Eversource to submit and the Council staff to review a variety of similar requests for extended work hours for each equipment delivery and installation effort.

In its monthly construction progress reports for November and December, Eversource would notify the Council of the exact dates on which the large equipment deliveries occurred and the specific extended hours worked to complete the delivery process and perform the equipment installation. Except for the deliveries of the large equipment (which necessarily involve transport via various roads), all assembly and installation work will be performed within the substation property.

Eversource has consulted with representatives of the Town of Greenwich regarding the extended work hour request regarding the delivery and installation of large substation equipment as well as the additional extended hours for the foundation drilling. Pursuant to the D&M Plan, Section E.7, Eversource is coordinating with the Town regarding the large equipment deliveries and the provision of appropriate local police officers to assist in traffic management/control.

Should you have any questions about this request, please do not hesitate to contact me.

Susan J. Bellion | Project Siting Specialist - Transmission Siting | Eversource Energy | susan.bellion@eversource.com | Direct: (860) 728-4628 Cell: (203) 313-4143