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November 5, 2019

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

Re: *Docket No. 461A: Greenwich Substation and Line Project
Monthly Construction Progress Report –October 2019*

Dear Ms. Bachman:

Pursuant to the Rules of Connecticut State Agencies (RCSA) Section 16-50j-62(b)(3) and as described in Section F.3 of the Greenwich Substation and Line Project (GSLP, Project) Development and Management (D&M) Plans (D&M Plan Volume 1-Part 1 Cos Cob Substation Modifications; Volume 1 – Part 2B Greenwich Substation Construction; and Volume 2 - Part 1 115-kilovolt [kV] Double Circuit Underground Transmission Line), The Connecticut Light and Power Company doing business as Eversource Energy (Eversource) hereby provides to the Connecticut Siting Council (Council) this Project Construction Progress Report for the month of October 2019.

This Construction Progress Report pertains to work at Cos Cob Substation, the construction of the Greenwich Substation, and the construction of the 115-kV double circuit transmission line.

Should you have any questions regarding this D&M Plan change request, please do not hesitate to contact me at via e-mail at kathleen.shanley@eversource.com or telephone at (860) 728-4527.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kathleen M. Shanley", written in a cursive style.

Kathleen M. Shanley

Enclosure

**DOCKET NO. 461A
GREENWICH SUBSTATION AND LINE PROJECT
MONTHLY CONSTRUCTION PROGRESS REPORT
OCTOBER 2019**

1. COS COB SUBSTATION

Restoration activities associated with the substation modifications are complete. All substation modifications are finished, except for the replacement of certain switches to connect the new 115-kV lines; this work will be performed in the first quarter of 2020. Table 1 in Attachment 1 summarizes the status of the substation work as of October 31, 2019.

2. GREENWICH SUBSTATION CONSTRUCTION

Substation construction activities centered on drilling for the perimeter wall and other equipment foundations, as well as concrete foundation and wall work for the transformers. In addition, work continued on the installation of distribution conduits and manholes and drilling for the substation wall foundations. Concrete pours for the cast-in-place components of the transformer walls were completed in October. (The concrete pours were performed on October 18 and 25; a third pour, scheduled for October 29-30, was not needed because favorable weather conditions allowed the concrete work to proceed more efficiently than anticipated.)

Rebar cages (forms) continued to be prepared for use in pouring the foundations; this work was performed on part of the 281 Railroad Avenue contractor yard. In addition, approximately 40 feet of arbor vitae trees were cut along the southwestern boundary of the substation property in order to accommodate two drilled shaft foundations for the substation perimeter wall.

Table 2 in Attachment 1 summarizes the status of the substation construction as of October 31, 2019.

3. 115-kV DOUBLE CIRCUIT UNDERGROUND TRANSMISSION LINE

Construction activities included continued trenching (rock removal) within Indian Field Road and Museum Drive, as well as vault and duct bank/cable installation. On October 28, construction recommenced in Bruce Park; activities included site preparation work, such as the closure of Wood Road, frac tank set up, placement of traffic control signs and installation of protective fencing around work sites.

Along Sound Shore Drive, the remainder of the affected road shoulder area was restored to grade and hydroseeded. Further, the duct bank was installed beneath the eastern Sound Shore Drive crossing, as well as from Vault 1A (1703 Line) to Sound Shore Drive.

For the I-95 crossing, jacking commenced from the pit on the south side of the Interstate (adjacent to the northbound Exit 4 on-ramp), and excavation of the receiving pit, located on the north side of I-95, began.

Vaults 6A/6B, located beneath Railroad Avenue, were installed.

Table 3 in Attachment 1 summarizes the status of the transmission line work as of October 31, 2019.

DEVELOPMENT AND MANAGEMENT PLAN MINOR CHANGES:

Greenwich Substation. Two additional arbor vitae trees were removed along the south-central property boundary of the substation site (on Eversource property) due to conflicts with one of the drilled shaft foundations for the perimeter wall.

ATTACHMENT 1

**Table 1
Cos Cob Substation: Construction Progress (October 31, 2019)**

Project Activity (% Complete)						
Construction Start Date	Site Preparation / Development	Foundation Installation	Steel Erection	Electrical Equipment Installation	Testing / Energization	Restoration
5/12/2018	100%	100%	100%	99%*	99%*	100%

(*Note: In the first quarter of 2020, work will be performed within the substation to replace switches as needed to tie in the new 115-kV 1020 and 1703 Lines. This work will require outages.)

**Table 2
Greenwich Substation: Construction Progress (October 31, 2019)**

Project Activity (% Complete)						
Construction Start Date	Site Preparation / Development	Foundation Installation	Steel Erection	Electrical Equipment Installation	Testing / Energization	Restoration
7/15/2019	95%	40%	0%	0%	0%	0%

**Table 3
Underground Transmission Line: Construction Progress (October 31, 2019)**

Project Activity (% Complete)							
Construction Start Date	Site Survey / Preliminary Construction Activities	Duct Bank Installation	Vault Installation	Cable Installation	Initial Off-Road and Road Restoration	Testing / Energization	Final Restoration
2/14/2019	80%	25%	83%	0%	15%	0%	5%