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October 4, 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 –September 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 September 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
SEPTEMBER 2019**

1. COS COB SUBSTATION

Restoration activities associated with the substation modifications have been completed. Temporary erosion and sedimentation controls associated with the substation modifications for the Project remained in place until final stabilization was verified and then were removed. All substation modifications are complete, except for the replacement of certain switches to connect the new 115-kV lines, which will be performed in the first quarter of 2020. Table 1 in Attachment 1 summarizes the status of the substation work as of September 30, 2019.

2. GREENWICH SUBSTATION CONSTRUCTION

Blasting, as required to remove rock and prepare the site for substation construction, was completed in mid-September. All work was performed in accordance with the approved *Rock Blasting Plan*. Subsequently, construction activities centered on excavation for foundations and conduits on the substation site. In addition, work included the installation of distribution conduits and manholes and drilling for the substation wall foundations.

Rebar cages (forms) were prepared for use in pouring the foundations; this preparation work was performed in part of the 281 Railroad Avenue contractor yard. In addition, approximately 60 feet of arbor vitae trees were cut along the southern boundary of the substation property in order to accommodate the substation wall.

Table 2 in Attachment 1 summarizes the status of the substation construction as of September 30, 2019.

3. 115-kV DOUBLE CIRCUIT UNDERGROUND TRANSMISSION LINE

For the double-circuit transmission line, construction activities included trenching (rock removal) within Indian Field Road and Museum Drive, as well as trenching and duct bank along the road shoulder of Davis Avenue (near Vaults 4A/4B) and Sound Shore Drive. Along Sound Shore Drive, the duct bank was installed and most of the affected road shoulder area was restored to grade and hydroseeded; Vaults 2A/2B also were installed. Further, the duct bank was installed beneath the western Sound Shore Drive crossing. Work continued on the Interstate 95 road bore, focusing on the excavation of the jacking pit on the south side of the Interstate (adjacent to the northbound Exit 4 on-ramp).

Table 3 in Attachment 1 summarizes the status of the transmission line work as of September 30, 2019.

DEVELOPMENT AND MANAGEMENT PLAN MINOR CHANGES:

None

ATTACHMENT 1

**Table 1
Cos Cob Substation: Construction Progress (September 30, 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 January 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 (September 30, 2019)**

Project Activity (% Complete)						
Construction Start Date	Site Preparation / Development	Foundation Installation	Steel Erection	Electrical Equipment Installation	Testing / Energization	Restoration
7/15/2019	90%	5%	0%	0%	0%	0%

**Table 3
Underground Transmission Line: Construction Progress (September 30, 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%	20%	67%	0%	10%	0%	5%