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January 8, 2020

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 –December 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; Volume 2 - Part 1 115-kilovolt [kV] Double Circuit Underground Transmission Lines; and Volume 2 – Part 2 115-kV Double Circuit Underground Transmission Lines Indian Harbor Crossing), 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 December 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, including the Indian Harbor pedestrian bridge crossing.

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 over a white background.

Kathleen M. Shanley

Enclosure

**DOCKET NO. 461A
GREENWICH SUBSTATION AND LINE PROJECT
MONTHLY CONSTRUCTION PROGRESS REPORT
DECEMBER 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 December 31, 2019.

2. GREENWICH SUBSTATION CONSTRUCTION

Construction activities included the delivery and installation of the control enclosure, as well as the completion of drilling work for the perimeter wall and other equipment foundations. Trenching also commenced for the 115-kV line substation connections and other conduit duct banks throughout the substation.

In accordance with the Council's November 1, 2019¹ and December 16, 2019 approvals, work on the control enclosure delivery/installation was performed between 7 AM and 7:30 PM on December 16 and between 7 AM and 7 PM on December 17, 2019. Oil filling of the second transformer also occurred over an approximately 24-hour period on December 8-9, 2019, also in accordance with the Council's November 1, 2019 approval.

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

3. 115-kV DOUBLE CIRCUIT UNDERGROUND TRANSMISSION LINE

Construction activities included continued trenching (with substantial rock removal) within Indian Field Road, Davis Avenue, and Museum Drive, as well as duct bank/cable installation. Rock removal, trenching, duct bank installation continued in Bruce Park, along Bruce Park Drive.

At the Interstate 95 crossing, jacking was completed from the pit on the south side of I-95 (adjacent to the northbound Exit 4 on-ramp) to the receiving pit on the northern side of the interstate (near the Exit 4 southbound off-ramp).

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

4. INDIAN HARBOR CROSSING

Construction of the Indian Harbor pedestrian bridge crossing commenced on December 9th and included the installation of erosion and sedimentation controls, as well as temporary protective fencing, around work areas on both sides of Davis Mill Pond (aka Indian Harbor). Rock probing also was performed.

Table 4 in Attachment 1 summarizes the status of the transmission line work as of December 31, 2019.

DEVELOPMENT AND MANAGEMENT PLAN MINOR CHANGES:

None during this period.

¹ Note: The Council's November 1, 2019 also addressed extended work hours as required for the delivery and installation of the distribution switchgear. Originally planned for early December, the switchgear delivery is now expected in mid-January; Eversource submitted a separate extended work hour request to the Council for the revised switchgear delivery and installation schedule.

ATTACHMENT 1

**Table 1
Cos Cob Substation: Construction Progress (December 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%

** 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 (December 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%	75%	0%	20%	0%	0%

**Table 3
Underground Transmission Line: Construction Progress (December 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%	40%	100%	0%	15%	0%	5%

Table 4
Indian Harbor Crossing: Construction Progress (December 31, 2019)

Project Activity (% Complete)							
Construction Start Date	Site Preparation / E&S Controls	Temporary Retaining System / Foundation (Micro-pile) Installation	Bridge Installation	Conduit Installation	Cable Installation	Initial Off-Road and Road Restoration*	Final Restoration
12/9/2019	70%	0%	0%	0%	0%	0%	0%

* Includes work areas (lawn) and restoration of sidewalks/roads in areas of Bruce Park encompassed by Indian Harbor Crossing D&M Plan.