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June 5, 2015

Mr. Robert Stein, Chairman  
Connecticut Siting Council  
Ten Franklin Square  
New Britain, CT 06051

RE: Docket No. 424: Interstate Reliability Project  
Monthly Construction Progress Report

Dear Chairman Stein:

Pursuant to RCSA Section 16-50j-62(b)(3) and as described in Volumes 1, Section 7, of the *Development and Management ("D&M") Plan for the Interstate Reliability Project ("Interstate"): Modifications to Card Street Substation, Lake Road Switching Station, and Killingly Substation* and the *Interstate D&M Plan for the Construction of New 345-kV Transmission Lines and Related Minor Modifications to Adjacent Lines*, The Connecticut Light and Power Company doing business as Eversource Energy (Eversource) hereby provides to the Connecticut Siting Council ("Council") this Construction Progress Report for the month of May 2015.

Should you or other Council members have any questions regarding this submission, please do not hesitate to contact me via e-mail at [john.morissette@eversource.com](mailto:john.morissette@eversource.com) or telephone at (860) 728-4532.

Sincerely,

A handwritten signature in blue ink, appearing to read "John Morissette".

John Morissette  
Project Manager, Transmission Siting

Enclosure

**INTERSTATE RELIABILITY PROJECT  
MONTHLY CONSTRUCTION PROGRESS REPORT  
MAY 2015**

**1. MODIFICATIONS TO SUBSTATIONS AND SWITCHING STATIONS**

During May 2015, Eversource's station contractor (ES Boulos) performed minor Project modifications within the control houses at Card Street Substation and Lake Road Switching Station. No further Project work will occur at Card Street Substation and Lake Road Switching Station until approximately the third week in June, when testing and energizing the new 3271 Line is scheduled to commence. In the fourth week in June, work is scheduled to be performed in the Card Street Substation control house in order to cut over the new fiber communications on the 327 Line.

The portion of the Eversource-owned property at 154 Card Street that was temporarily used for parking during the Card Street Substation modifications in 2014 was restored in the fall of 2014 and was determined to have achieved successful revegetation as of April 23, 2015. The site will be monitored by Project Environmental Inspectors (EIs) once a month for three months to verify the revegetation.

Table 1 (attached) summarizes the status of work at the three stations as of May 31, 2015.

**2. NEW 345-kV TRANSMISSION LINES AND RELATED MINOR MODIFICATIONS TO ADJACENT LINES**

In May, transmission line construction activities involving the installation of structures, conductors and optical ground wire (OPGW), structure anchors, and structure grounding were performed along the right-of-way (ROW) principally in five of the 11 Project towns (i.e., Brooklyn, Pomfret, Killingly, Putnam, and Thompson). The last structure for the Project (Structure 337 in the Town of Thompson, just west of the Rhode Island border) was erected on May 14. Conductor and OPGW was installed through Structure 244 in the Town of Killingly.

Contractor staging yards were used in the towns of Windham and Pomfret.

ROW restoration activities were performed in the Towns of Lebanon, Columbia, Coventry, and Mansfield.

Project Environmental Inspectors (EIs) are monitoring revegetation along the portions of the ROW that have been restored, and continue to inspect ongoing construction work.

Although all major Project vegetation clearing was substantially complete by the end of November 2014, certain focused vegetation removal activities (such as side-trimming of trees along the edge of the managed ROW and punch list vegetation clearing) also were performed in May along segments of the ROW.

Table 2 (attached) summarizes the construction progress on the transmission line portion of the Project reported as of May 31, 2015.

### 3. **MINOR DEVELOPMENT & MANAGMENT (D&M) PLAN CHANGES**

During May, two minor D&M Plan Changes were identified, as summarized below:

- **Minor Shift in Location of On-ROW Private Driveway, Structures 19 to 20, Town of Columbia.** Based on discussions with the involved landowners (Line List #s 30036, 30037, and 30038; Hegerner, Mador, and Casazza, respectively), Eversource shifted the location of a driveway that was previously aligned along the ROW and scheduled for re-paving as part of the Project restoration. As initially planned, the driveway would have been repaved to extend to the west of Structure 19. Eversource now will repave the driveway as generally illustrated on the D&M Plan map (Volume 3, Mapsheet 4) to extend east of Structure 19, near 330 Line Structure 9018. This location will place the driveway farther from wetland W0-17. The permanent access road shown on the D&M Plan Map 4 as extending around the west side of Structure 19 will not be built.
- **Gravel Work Pad to Remain in Active Agricultural Land, Structure 74, Town of Mansfield.** The landowner (Line List No. 30134, Hall, D&M Plan, Volume 3, Mapsheet 14) has requested that Eversource leave this gravel work pad in place, with the exception of the portion of the pad (constructed of timber mats) that is situated within wetland W20-62. Thus, Eversource will direct its construction contractor to remove the portion of the work pad temporarily located within the wetland, but to leave the remainder of the work pad in place.





**Table 1**  
**Interstate Reliability Project - Connecticut**  
**Substation / Switching Station Construction Progress Report**  
**(As of May 31, 2015)**

Station	Activity			
	Construction Start Date	Site Preparation	Equipment Installation	Testing
Card Street	4/7/2014	100%	95%	95%
Lake Road	4/7/2014	100%	98%	96%
Killingly	4/7/2014	100%	100%	N/A
<b>Summary: All Stations</b>	4/7/2014	100%	96%	96%

\*Note: Remaining Project work at Card Street Substation and Lake Road Switching Station includes minor equipment installation within the control houses and the work required to as part of the energization of the new 345-kV transmission lines. The area used temporarily for parking on Eversource-owned property at 154 Card Street has been restored, seeded, and mulched; as of April 23, 2015, this area was determined to have achieved successful revegetation (70% vegetative cover). This area is being monitored once a month for three months to verify restoration effectiveness.

**Table 2  
Construction Progress Report: Transmission Line, as of May 31, 2015**



**Interstate Reliability Project-Connecticut  
Construction Progress Report  
Current as of 5/31/2015**

		Overhead Transmission									
Town	ROW Clearing (% Complete)	Work Area Preparation	Foundation Installation			Structure Installation			Wire Stringing	Restoration	
		AR/Work Pads (% Complete)	Total Drilled Shaft Foundations to be Installed	Drilled Shaft Foundations Installed	Drilled Shaft Foundations (% Complete)	Total Structures to be Installed	Structures Installed	Structures (% Complete)	Stringing (% Complete)	(% Complete)	
Lebanon	100%	100%	3	3	100%	6	6	100%	100%	100%	
Columbia	100%	100%	8	8	100%	19	19	100%	100%	100%	
Coventry	100%	100%	1	1	100%	10	10	100%	100%	100%	
Mansfield	100%	100%	17	17	100%	58	58	100%	100%	34%	
Chaplin	100%	100%	6	6	100%	31	31	100%	100%	31%	
Hampton	100%	100%	0	0	N/A	38	38	100%	100%	0%	
Brooklyn	100%	100%	12	12	100%	62	62	100%	99%	0%	
Pomfret	100%	100%	3	3	100%	16	16	100%	95%	0%	
Killingly	100%	100%	8	8	100%	24	24	100%	41%	8%	
Putnam	100%	100%	18	18	100%	54	54	100%	3%	0%	
Thompson	100%	100%	3	3	100%	19	19	100%	0%	0%	
<b>Total Project</b>	<b>100%</b>	<b>100%</b>	<b>79</b>	<b>79</b>	<b>100%</b>	<b>337</b>	<b>337</b>	<b>100%</b>	<b>75%</b>	<b>19%</b>	

