



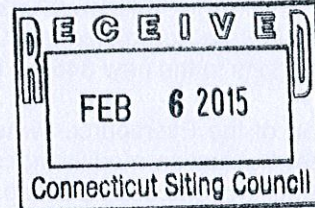
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February 5, 2015

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

ORIGINAL



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 January 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,

Enclosure

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

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

During January 2015, no Project-related station modifications were performed at Card Street Substation, Lake Road Switching Station, or Killingly Substation. Except for minor equipment installation and testing, all Project station modifications were completed in 2014 at Lake Road Switching Station and Killingly Substation. Final testing and interconnections to the new 345-kV line at Card Street Substation will be performed commencing in March 2015.

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 is being monitored. Monitoring will continue until the temporary parking area is successfully revegetated.

Table 1 (attached) summarizes the status of work at the three stations as of the end of January 2015.

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

In January, transmission line construction activities were performed along the right-of-way (ROW) in six of the 11 Project towns. Primary construction activities performed in January included the installation of both drilled shaft and direct embed foundations, structures, conductor and OPGW. Timber mats were removed from certain temporary work pad locations in the towns of Columbia and Mansfield, and contractor staging yards were used in the towns of Windham and Pomfret.

In addition, in the Town of Killingly, an approximately 1,000-foot-long access road modification, as approved by the Council on January 9, 2015, was installed, along with work pads for Structures 253, 254, and 255. Previously approved work pads and access roads also were installed in the Town of Putnam.

Conductor and OPGW installation was completed between Structures 111 (Chaplin) and 124 (Hampton), and work commenced on conductor / OPGW installation between Structures 124 and 151 (Brooklyn). Thus, as of the end of January, conductor and OPGW installation was complete through the five of the 11 Project towns (Lebanon, Columbia, Coventry, Mansfield, and Chaplin).

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) continued along the ROW. In addition, brush / herbaceous vegetation removal was performed along the 1,000-foot-long access road modification in Killingly.

Monitoring is being conducted of the portions of the ROW that have been restored to date, including on the federally-owned lands in Mansfield Hollow (e.g., all portions of the ROW on federal lands in the Town of Chaplin have been restored and, in the Town of Mansfield, all but a portion of the ROW near Structures 82-83 has been restored). In the Town of Coventry, the ROW near Structure 25 (south of U.S. Route, near the Hop River) also has been restored.

Table 2 (attached) summarizes the construction progress on the transmission line portion of the Project reported as of the end of January 2015.

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

One minor D&M Plan Change was identified in January 2015, as follows:

**New, temporary, on- ROW access road to guard structure work pad, Stetson Road, Town of Brooklyn.**

The purpose of this minor D&M Plan change is to allow construction crews to reach a temporary guard structure work pad while avoiding impacts to a stone wall located along the east side of Stetson Road in the Town of Brooklyn (refer to D&M Plan, Volume 3, Mapsheet 32). As depicted on Mapsheet 32, the approved guard structure work pad is located adjacent to the east side of Stetson Road (across from the work pad for Structure 166) and was expected to be accessible directly from that public road. However, in this location, a stone wall extends linearly along Stetson Road. As a result, to access the guard structure directly from Stetson Road, the stone wall would be impacted. To avoid this impact, the Contractor proposes to develop an approximately 50-foot-long access road "spur" that would connect the Project's existing, approved on-ROW access road to the guard structure work pad. The spur access road will be located entirely within an upland area, on property that is presently unoccupied (Line List #30283, Moses).

Station	Construction Start Date	Site Preparation	Equipment Installation	Testing
1+00.00	4/1/2014	100%	95%	95%
1+05.00	4/1/2014	100%	95%	95%
1+10.00	4/1/2014	100%	95%	95%
1+15.00	4/1/2014	100%	95%	95%
1+20.00	4/1/2014	100%	95%	95%

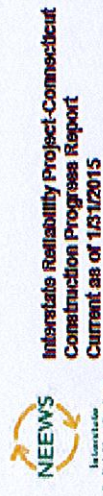


**Table 1  
Interstate Reliability Project - Connecticut  
Substation / Switching Station Construction Progress Report  
(As of January 31, 2015)**

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

\*Note: The remaining equipment installation and testing at Card Street Substation and Lake Road Switching Station will be completed in 2015. The area used temporarily for parking on Eversource-owned property at 154 Card Street has been restored, seeded, and mulched. This area will be monitored until restoration is deemed effective. All Project equipment installation at Killingly Substation was completed in December 2014; minimal testing inside the station control house will be performed in 2015.

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



Town	Overhead Transmission										
	ROW Clearing (% Complete)	Work Area Preparation (% Complete)	Foundation Installation		Structure Installation		Wire Stringing (% Complete)	Restoration (% Complete)			
		Total Drilled Shaft Foundations to be Installed	Drilled Shaft Foundations Installed	Total Structures to be Installed	Structures Installed	Structures (% Complete)					
Lebanon	100%	3	3	6	6	100%	100%	0%			
Columbia	100%	8	8	19	19	100%	100%	15%			
Coversity	100%	1	1	10	10	100%	100%	11%			
Mansfield	100%	17	17	58	58	100%	100%	17%			
Chaplin	100%	6	6	31	31	100%	100%	20%			
Hampton	100%	0	0	33	33	100%	100%	0%			
Brooklyn	100%	12	12	62	22	35%	0%	0%			
Pomfret	100%	3	3	16	0	0%	0%	0%			
Killingby	91%	8	8	24	6	25%	21%	8%			
Putnam	100%	18	10	54	2	4%	4%	0%			
Thompson	100%	3	0	19	0	0%	0%	0%			
<b>Total Project</b>	<b>100%</b>	<b>79</b>	<b>68</b>	<b>337</b>	<b>192</b>	<b>57%</b>	<b>30%</b>	<b>11%</b>			

