

UI Railroad Transmission Line Upgrades - Milvon to West River

Project Overview

Rebuild 9.5 miles (19 circuit miles) from Milvon Substation (Milford, CT) to West River Substation (New Haven, CT). Relocate the transmission lines off the existing railroad catenary bonnets (overhead wire systems) and install on independent monopoles with new insulators, hardware and conductor adjacent to the railroad corridor.

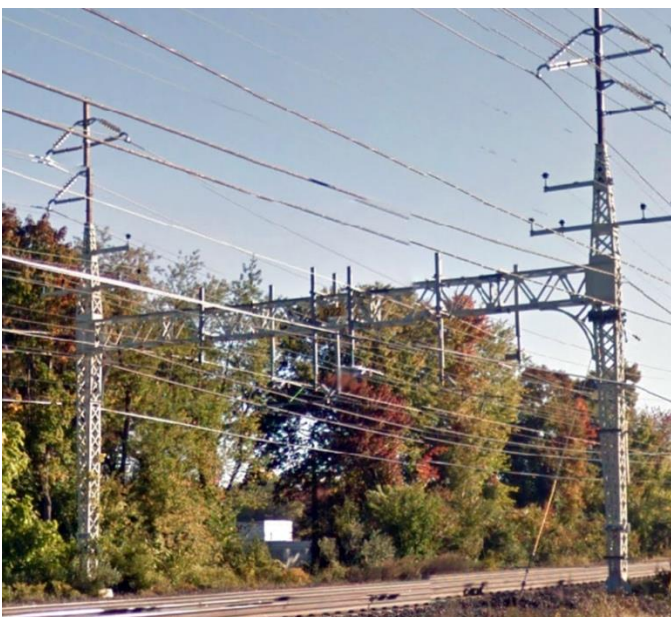
Project Purpose and Need

The 115kV transmission lines between New Haven and Milford are supported by the Connecticut Department of Transportation (CTDOT) owned railroad catenary structures and connected through UI owned bonnet structures. As a result of age, asset deterioration, and increased mechanical loads, it was recommended that new 115kV transmission lines be installed on new monopoles along the CTDOT railroad corridor. These upgrades will help maintain system reliability, preserve safety within and adjacent to the right-of-way, and provide technological enhancements to legacy system equipment.

Project Information Line: 1.888.848.3697

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Milvon to West River Railroad Transmission Line Project High Level Scope:

- Staking, vegetation clearing, access roads and work pad construction.
- Installation of drilled foundation supported monopoles and conductors.
- Site restoration.

Benefits to the Region

The upgrades will improve the reliability, capacity and resiliency of the transmission system, ensuring that the safe and reliable transmission of power is maintained for our customers throughout Fairfield and New Haven County, in accordance with Federal reliability standards.

Project Location

Municipalities Impacted:	Milford, Orange, West Haven, New Haven
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County Impacted:	New Haven
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Estimated Schedule Status *(subject to change)*

Engineering	August 2020 to Q2 2023
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Start of Construction:	Q4 2023
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In-Service Date	Q2 2027
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Removals & Restoration	Q3 2028
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