



**Q. What is the purpose of your testimony?**

A. The purpose of our testimony is to provide information concerning the role of The Connecticut Light and Power Company doing business as Eversource Energy (“Eversource”) in the Old Town Substation Rebuild Project (the “Project”) proposed by The United Illuminating Company (“UI”).

## **II. EVERSOURCE’S ROLE**

**Q. What is Eversource’s role in the Project proposed by UI?**

A. UI’s rebuilt substation would be directly interconnected to Eversource’s 1710 and 1222 transmission lines, and Eversource’s transmission facilities would supply electricity to UI’s rebuilt substation. The sections of 1710 and 1222 transmission lines from the Eversource-owned new monopole transmission structures (described below) to the respective line terminal structures within UI’s rebuilt substation would be owned by UI.

A portion of Eversource’s 1714 transmission line would be re-routed through the rebuilt substation for a future interconnection. This re-routed portion would be owned by UI.

The portions of these three lines from the Eversource-owned new monopole transmission structures extending along Eversource’s right-of-way (“ROW”) would be owned by Eversource.

**Q. Explain Eversource’s participation in Docket 490.**

A. Eversource is participating in Docket 490 solely to allow the Connecticut Siting Council (the “Council”) to consider not only the Project proposed by UI, but also the facilities and upgrades to Eversource’s transmission system that are required for the Project. Such

consideration would promote efficiency and economy of the Council's resources, in lieu of an additional filing by Eversource after the conclusion of the Docket 490 proceedings.

### **III. OVERVIEW OF EVERSOURCE'S FACILITIES/UPGRADES**

**Q. If the Project is approved by the Council, what facilities and upgrades, to be owned by Eversource, would be necessary for the associated electrical interconnection to Eversource's electric transmission system?**

A. If the Project is approved, the facilities and upgrades to be owned by Eversource that would be necessary for the associated electrical interconnection to Eversource's electric transmission system are:

- (1) Installation of four new transmission structures; and
- (2) Relocation and/or replacement of transmission line conductors, communication and shield wires and other associated fixtures and appurtenances from Eversource's two existing lattice structures to the four new monopole structures.

In addition, the operation of UI's rebuilt substation would need to be appropriately integrated into Eversource's transmission network.

**Q. Are there any other facilities that Eversource would own that are within the scope of the Project?**

A. No.

#### **IV. EVERSOURCE'S NEW TRANSMISSION STRUCTURES**

**Q. What is the configuration of the existing transmission structures to be replaced?**

A. The existing transmission structures are double-circuit lattice steel towers.

**Q. What is the configuration of Eversource's proposed transmission structures?**

A. The new proposed transmission structures would be single-circuit galvanized steel monopoles.

**Q. Where would Eversource's four new transmission structures be installed and what type of foundations are planned for these structures?**

A. Two of the new transmission structures would be installed on concrete drilled pier foundations within a separately fenced area adjacent to the west side of the rebuilt substation, and two would be installed on drilled shaft foundations within Eversource's ROW to the east of the rebuilt substation.

**Q. Has Eversource provided a drawing depicting Eversource's proposed new transmission structures in the ROW?**

A. Yes. Eversource provided a representative drawing included in Appendix A of UI's application as XS-1. XS-1 depicts Eversource's Existing Structure #857 Looking East within Eversource's ROW and Eversource's Proposed Structures (2 monopoles) Looking East within Eversource's ROW.

**Q. What additional work would be required in connection with the new transmission structures and associated equipment?**

A. Eversource would dismantle and remove the existing overhead connections including the two steel lattice structures, conductors and arms. The existing foundations would be removed to a depth slightly below final grade.

**Q. Who would perform this work?**

A. Eversource or its contractors would perform this work.

**Q. Who would own and maintain these new transmission line structures and the attachments to such structures?**

A. Eversource would own and maintain its new transmission line structures and the attachments to such structures.

**Q. Would there be any substantial adverse environmental effects from Eversource's transmission structures and the attachments to such structures?**

A. Based on information provided by UI and Eversource's evaluation of the proposed transmission structure locations, construction of the structures and the attachments to such structures would have no substantial adverse environmental effects.

**Q. Would any tree trimming or vegetation removal and/or any widening of the cleared area of Eversource's ROW be required for Eversource's facilities?**

A. No.

**Q. What is the current height of Eversource's transmission structures?**

A. The structures in the existing Old Town Substation are approximately 105 feet above grade, as shown in Appendix A as XS-1.

**Q. What would be the height of Eversource's new monopole transmission structures?**

A. Eversource expects that the height of the new transmission structures would be approximately the same height as the existing structures.

**Q. Would the new transmission structures result in greater visual effects?**

A. No. Changes in the visual effects from the structures within the rebuilt station would be negligible due to the adjacent substation equipment. Visual effects in the ROW would be minimal and slightly improved with the elimination of a lattice tower structure and the more streamlined appearance of the two new monopole structures.

**Q. What area would be required for the work pads necessary for the construction of the proposed transmission structures and the removal of the existing structures?**

A. Eversource anticipates that it would require a work pad of approximately 100 feet x 100 feet for each of the four new monopole structures and around each of the existing lattice structures #857 and #8571/2, for a total of six work pads. Access to these work pads would be off Kaechele Place.

**Q. Describe the access rights that are needed from the City of Bridgeport.**

A. To replace the lattice tower east of the existing Old Town Substation and to re-route the 1710 and 1714 lines, Eversource needs an 0.15-acre access easement from the City of Bridgeport along an existing off-ROW accessway from Kaechele Place to the Eversource ROW.

**Q. What is the status of discussions with the City of Bridgeport about such access rights?**

A. Eversource is engaged in ongoing discussions with officials for the City of Bridgeport and has agreed with them on the steps required to obtain such easement rights.

**Q. Would any tree or vegetation removal or trimming be required within the access easement area?**

A. Yes. The removal of overgrown vegetation, such as bushes and shrubs and some tree-trimming, would be required within the access easement area; however, no tree clearing would be necessary.

**V. EVERSOURCE'S EXISTING ROW**

**Q. How wide is the existing Eversource ROW?**

A. The existing Eversource ROW is 80 feet in width.

**Q. Would an expansion of the existing Eversource ROW be necessary?**

A. No.

**Q. Would any wetland area within the existing Eversource ROW be permanently impacted by the work of installing Eversource's new transmission structures or removing its existing transmission structures?**

A. No.

**VI. ADDITIONAL CONSTRUCTION INFORMATION**

**Q. How would Eversource conduct the required work?**

A. All work would be designed, constructed and operated in accordance with sound engineering practices and in full compliance with Eversource's standards, the National Electrical Safety Code and good utility practices.

**Q. When does Eversource anticipate its facilities would be constructed?**

A. Once the rebuilt substation is substantially completed by UI, Eversource line construction work would commence, with construction expected to last approximately four months.

**Q. During what hours and days would the work occur?**

A. Normal work hours would be from 7:00 a.m. to 7:00 p.m. Monday through Saturday. Sunday work hours may be necessary if delays occur due to inclement weather and/or outage constraints require work on Sunday(s).

**VII. OUTREACH**

**Q. Please describe municipal outreach to be conducted by Eversource.**

A. In June and July 2020, Eversource representatives, in coordination with UI, consulted with the municipal officials in the City of Bridgeport to brief them on the proposed

Project. Additionally, in September 2020, Eversource consulted with the City regarding Eversource's desire to obtain off ROW access across the Town's property on Scovill Street. Eversource also provided representatives of the City with a draft of a permanent access agreement.

In conjunction with Eversource's participation in this Docket, Eversource representatives, in coordination with UI, would notify City officials and provide information on how to obtain additional information on Eversource's portion of the Project. Further, Eversource representatives would contact City officials to provide advance notification as to the start of its construction activities and would continue to provide updates throughout the construction process.

**Q. Please describe property owner and abutting property owner outreach to be conducted by Eversource.**

A. UI would be conducting property owner outreach. Eversource, in coordination with UI, would notify abutting property owners and provide information on how to obtain additional information on Eversource's portion of the Project. Further, Eversource representatives would contact adjacent property owners to provide advance notification as to the start of Eversource-related construction activities and would continue to provide updates throughout the construction process.

**Q. Does this conclude your testimony?**

A. Yes.