

# Beebe River to Whitefield (X178) Line Rebuild Project

EVERSOURCE

Improving the Reliability of the Electric System across New Hampshire

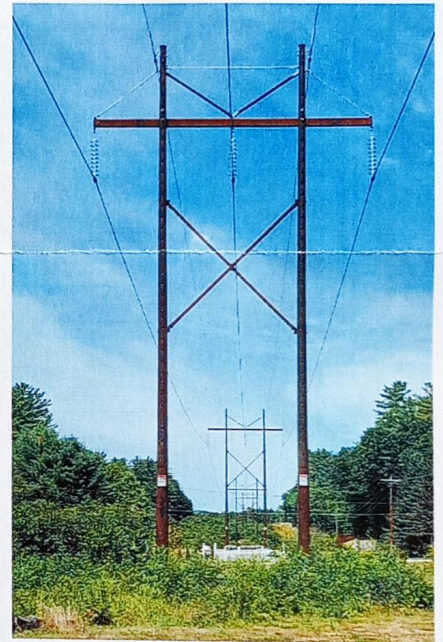
## Project Overview

As part of our ongoing investments to deliver reliable energy to our customers and communities, Eversource will be replacing existing wooden pole structures, in Campton, Thornton, Lincoln, Woodstock, Easton, Sugar Hill, Bethlehem, Dalton and Whitefield, N.H.

- This work will be taking place within the existing right-of-way (power line corridor) of the X178 Line, a 115-kV transmission line.
- The line is 49 miles long and is located between the Beebe River Substation in Campton, and the Whitefield Substation in Whitefield, N.H.
- In total, 570 wooden H-frame structures will be replaced, new conductor (power line) and fiber optic cable, known as Optical Ground Wire (OPGW) will be installed the length of the line.
- This project will be split into three segments (map on reverse of this sheet) with overlapping construction schedules in order to complete work in a safe and efficient manner.

## Always Working to Serve You Better

Eversource is making a significant investment in electric infrastructure in order to provide enhanced system reliability for local communities. The new steel structures will be more resilient and less susceptible to woodpecker damage, insect damage and pole rot. The new structures will also have reliability enhancements to protect the system from damage due to severe weather, including floods.



Example of structure to be installed

The OPGW that is being installed on this line enables faster and more reliable communication between Eversource's substations (the communication is not related to any cellular or telecom service). This communication allows for increased visibility of our system, quicker response times for system issues, increased automation, reduces outages and their length, and, overall, improves reliability across the electric system.

## What You Can Expect

We intend to rebuild the line in the same location it is today, with some variations. We attempted to minimize structure height increases wherever possible, while ensuring current electrical standards and safety clearances are met and while also balancing other important considerations, such as environmental impacts. Regional project information sessions will be scheduled in the coming months where you can learn more about this project from team members who will be available to provide information and answer your questions.

## Anticipated Project Schedule

*(schedule is subject to change due to weather or other unexpected circumstances)*

- Project Information Sessions: 3<sup>rd</sup> Quarter 2023
- Permitting: Beginning 2<sup>nd</sup> Quarter 2023
- Construction: 3<sup>rd</sup> Quarter 2024 through 4<sup>th</sup> Quarter 2026 (duration includes all three segments)
- Site Restoration: Ongoing through construction for stabilization and upon completion

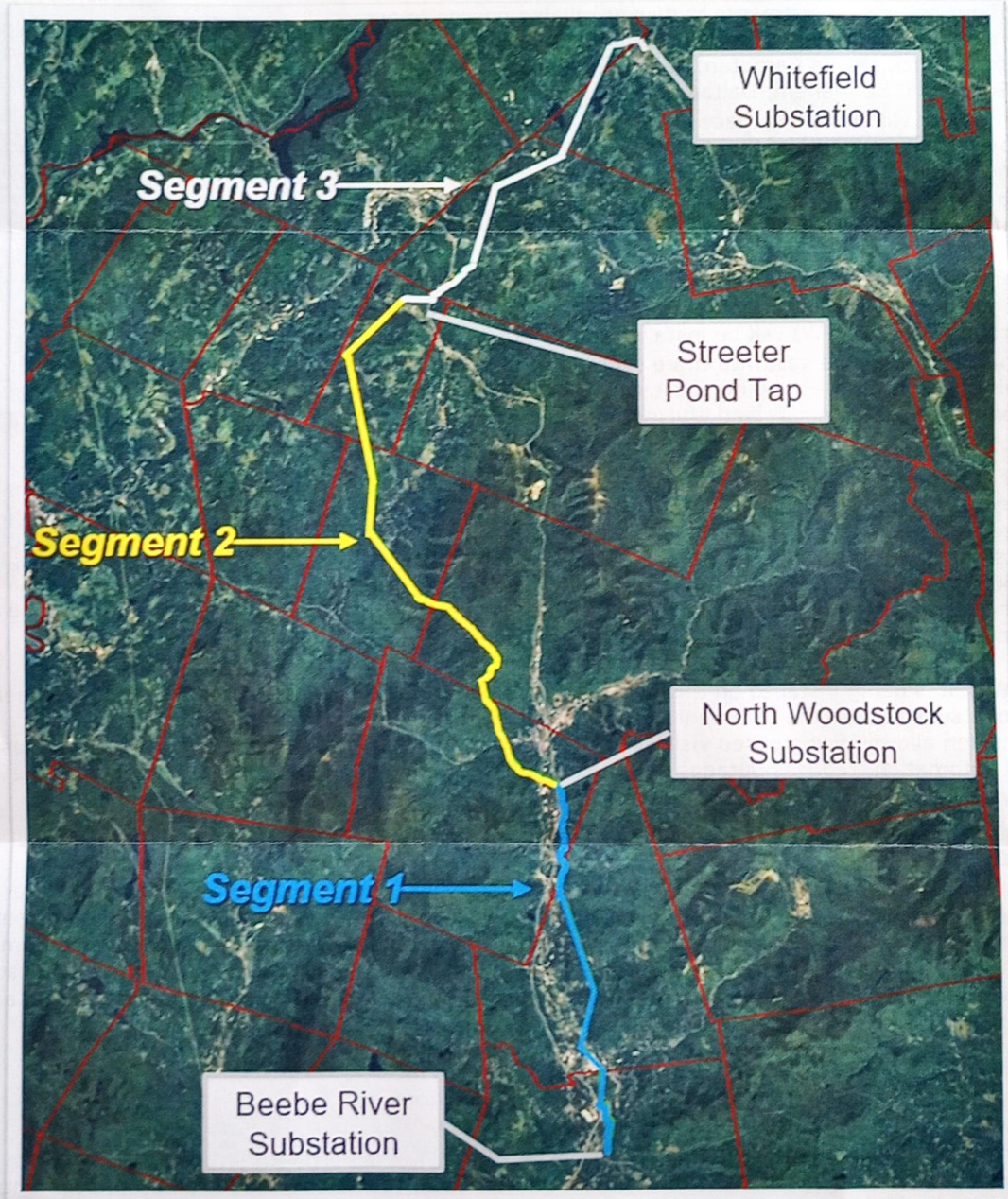
*Project Representatives are available to answer your questions.  
Please contact us at your convenience.*

Call 1-888-926-5334 or email [NHProjectsInfo@eversource.com](mailto:NHProjectsInfo@eversource.com) for more information

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*The project will take place along the white, yellow, and blue line.*

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4/2023

April 24, 2023

Dear Neighbor,

As part of our everyday effort to deliver reliable energy to our customers and communities, we are preparing for an upcoming project in your community. This project is one of several that are designed to improve the reliability of the electric system serving New Hampshire and surrounding areas where we all work and live.

### **We're Always Working to Serve You Better**

Eversource identified the need to replace the structures, conductor (wire), and install fiber optic cable, known as Optical Ground Wire (OPGW) along our existing X178 transmission line. This line, originally constructed in 1969 and 1985, crosses through the towns of Campton, Thornton, Lincoln, Woodstock, Easton, Sugar Hill, Bethlehem, Dalton, and Whitefield, NH. Recent physical inspections and engineering analysis of the line revealed many of the existing structures are in need of replacement from woodpecker damage, insect damage, and pole rot. Due to this, all of the wooden structures will be changed to steel, which are more resilient to pole rot as well as insect and woodpecker damage. Furthermore, the steel poles can better withstand the heavier OPGW and storms that we experience here in New Hampshire.

### **What You Can Expect**

This maintenance project, from our Beebe River Substation in Campton to the Whitefield Substation in Whitefield, includes replacing existing wooden structures with new steel structures as well as replacing the wire and hardware. Once the new structures are installed, we will remove the old structures from the power line corridor.

All towns along the X178 power line have been notified of this project. We are in the process of identifying all local, state, and federal permits necessary in support of this project, and will work to obtain those permits over the next several months. Also in the coming months, Eversource, through its contractors, will be performing field work within the power line corridor in your area. This work may include soil and other inspections, engineering and environmental surveying, data collection, drone surveys, and identification and/or maintenance of access roads. All personnel working on this project will carry identification.

After securing required permits, construction is expected to begin in the third quarter 2024 and is anticipated to be completed in the fourth quarter 2026. Please keep in mind that the schedule may change due to weather or other unexpected circumstances.

### **Health and Safety Is Our Top Priority**

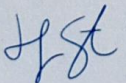
Please know that Eversource remains committed to prioritizing public health as well as the health of employees and contractors. All Eversource personnel follow applicable health and safety guidelines to help prevent the spread of COVID-19.

### **For More Information**

Keeping the lines of communication open is important to us. We would like to connect with you to discuss the project, as well as obtain the best contact phone number and/or e-mail address to reach you moving forward. Please contact our project hotline at 1-888-926-5334 or send an email to [NHProjectsInfo@eversource.com](mailto:NHProjectsInfo@eversource.com) to provide that information or to discuss the project.

Eversource is committed to being a good neighbor and doing our work with respect for you and your property. We will continue to provide regular project notifications via mailings, phone calls, and/or emails. Thank you for your patience as this important project moves forward.

Sincerely,



Jennifer Codispoti  
Eversource Project Services