

# Garrett Area Transmission Line Project

Liberty officials plan to upgrade the electric transmission grid in Floyd and Knott counties. The Garrett Area Transmission Line Project involves building approximately 15 miles of 138-kilovolt (kV) electric transmission line, building an electrical substation and improving several substations to enhance electric reliability for customers.



## What

The project involves:

- Building about 15 miles of 138-kV transmission line
- Retiring approximately 25 miles of transmission line
- Building the Eastern Substation
- Expanding the Garrett Substation
- Making upgrades at the Hays Branch Substation, Saltlick Substation (East Kentucky Power Cooperative substation) and Soft Shell Substation

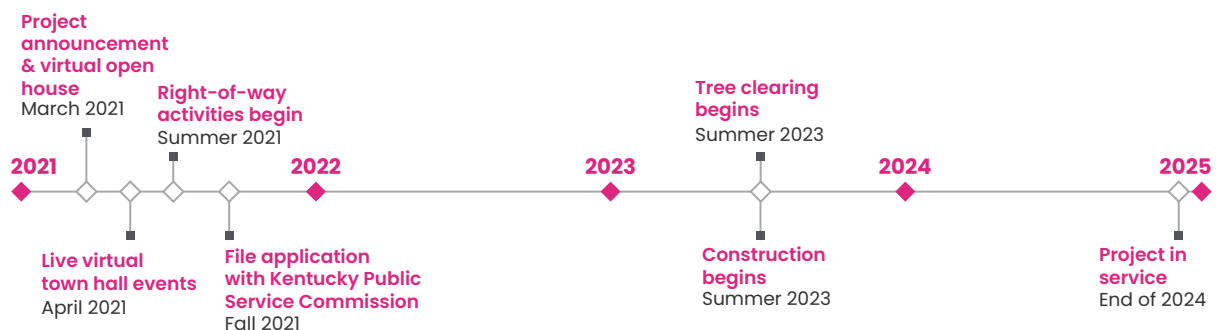
This project involves filing an application with the Kentucky Public Service Commission

## Why

This project allows crews to retire approximately 25 miles of transmission line that includes deteriorating wooden poles from the 1920s and 1940s. The existing line has experienced multiple power outages in recent years. The proposed power grid upgrades help to strengthen the local electric system and increase electric reliability for area customers.

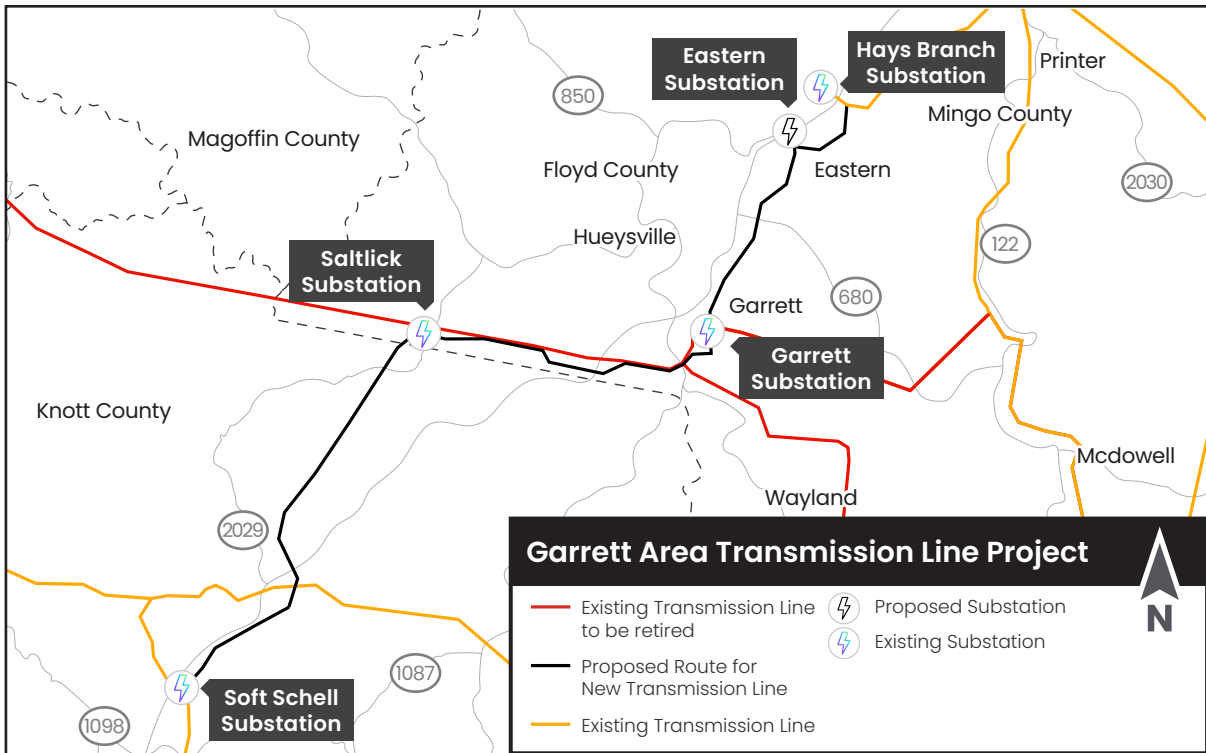
## Where

The project begins at the Hays Branch Substation in Floyd County and continues about 1 mile southwest to the proposed Eastern Substation located along Route 80. From there the project continues about 4 miles south toward Garrett Substation west of Route 680. It continues about 4 miles west to Saltlick Substation near the Floyd/Knott county line. It then crosses the county line into Knott County and continues about 6 miles southwest to the Soft Shell Substation northeast of Route 1098.



Timeline subject to change.



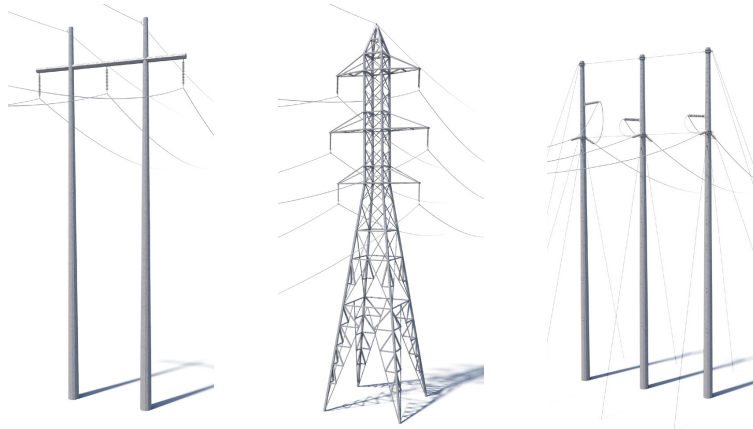


## Typical Structures

Crews plan to build the transmission line using a combination of structures such as steel H-frame poles, lattice towers and three-pole structures.

Structure height:  
**Approximately 85 feet\***  
 Right-of-way width:  
**Approximately 100 feet\***

At Liberty, we are committed to meeting the energy needs of customers while protecting the environment and natural beauty of the region.



H-Frame

Lattice Tower

Three-Pole Structures

\*Exact structure, height, and right-of-way requirements may vary.



We value your input. Please send comments and questions to:

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