

CENTRAL VIRGINIA

TRANSMISSION RELIABILITY PROJECT

ESMONT - SCOTTSVILLE



An AEP Company

BOUNDLESS ENERGY™

Appalachian Power representatives plan to upgrade the local electric transmission grid in Virginia. The Central Virginia Transmission Reliability Project provides a new electrical source for the region, increases reliability to customers and supports the retirement of aging equipment. The project includes several phases throughout the next few years.

The Esmont - Scottsville phase involves rebuilding approximately 6 miles of transmission line and upgrading a substation in Albemarle County. Plans also include upgrades to the local distribution network. Company representatives expect construction for this phase to begin in early 2024 and conclude by the end of 2024.



WHAT

The Esmont - Scottsville phase includes:

- Rebuilding approximately six miles of transmission line in or near existing right-of-way
- Upgrading the existing Esmont and Scottsville Substation
- Improving the local distribution network

WHY

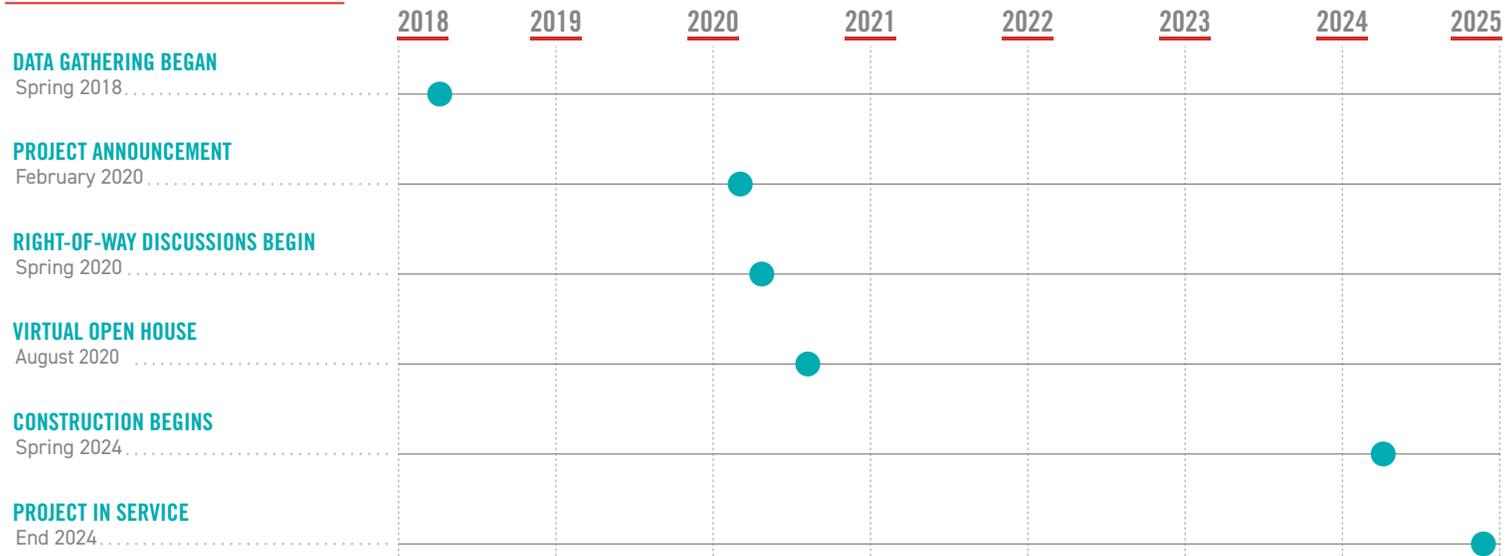
- Strengthens the local power grid
- Increases electric reliability in the area
- Reduces the likelihood of power outages

WHERE

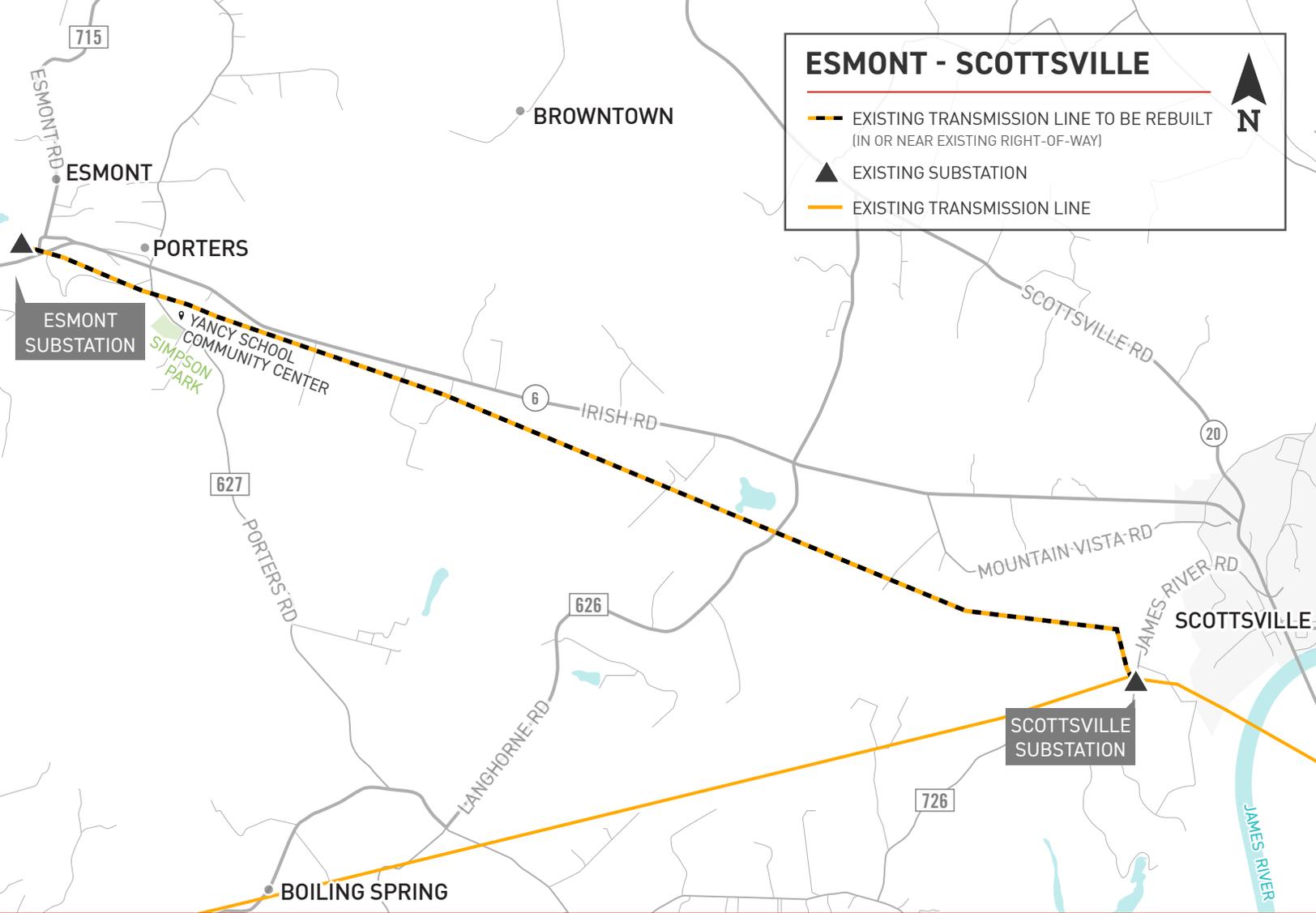
The rebuild begins at Esmont Substation located off of Irish Road and continues east for approximately 6 miles. The upgrades end at Scottsville Substation located off of James River Road.



PROJECT SCHEDULE



*Timeline subject to change.



TYPICAL STRUCTURES

Crews plan to replace the existing wood, H-frame poles with steel, H-frame poles that are approximately 20 feet taller.

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

Proposed structure Height: **65-70 feet***

Right-of-Way Width: **80-100 feet***

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



EXISTING



PROPOSED

APPALACHIAN POWER VALUES YOUR INPUT ABOUT THIS PROJECT. PLEASE SEND COMMENTS AND QUESTIONS TO:

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