

New London-Otter Transmission Line Rebuild Project

Appalachian Power representatives plan to increase electric reliability by making transmission line upgrades in Bedford and Campbell counties in Virginia. Construction is expected to begin summer 2028 and conclude by summer 2030.

What

The project involves rebuilding approximately 14 miles of 138-kilovolt (kV) transmission line in or near the existing right-of-way. In some areas, minor reroutes out of the existing right-of-way are being considered. The project team is seeking feedback on all route options to rebuild the line.

The project team plans to submit the project for approval in early 2027 to the Virginia State Corporation Commission (SCC).

Why

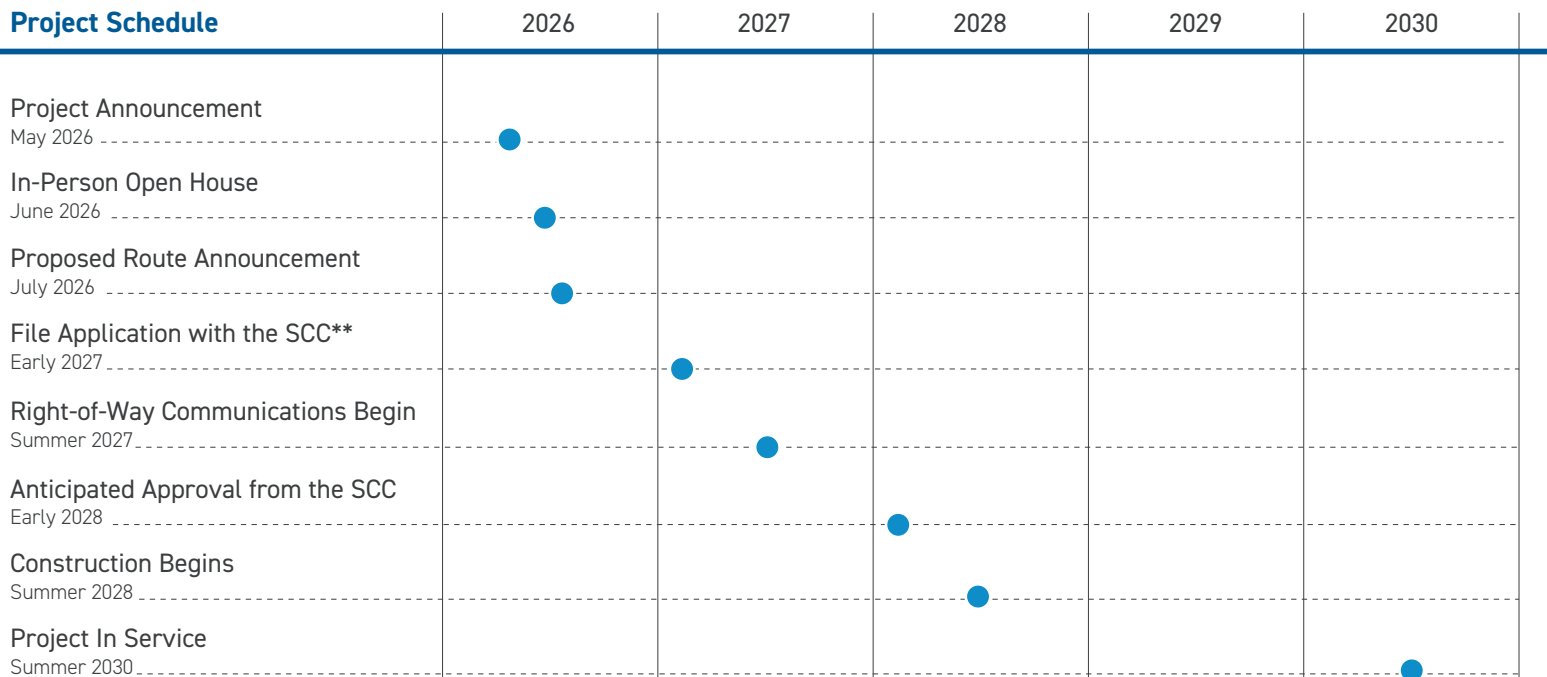
Project benefits include:

- Addressing a heavily loaded electrical system.
- Replacing 1940s-era transmission line with modern equipment capable of safely conducting a greater amount of electricity for the area's demand.
- Increasing electric reliability and reducing outages for area customers

Where

- Bedford County
- Campbell County

Project Schedule



*Timeline subject to change. **Virginia State Corporation Commission

Typical Structures

Appalachian Power crews plan to install steel single pole structures and lattice towers.

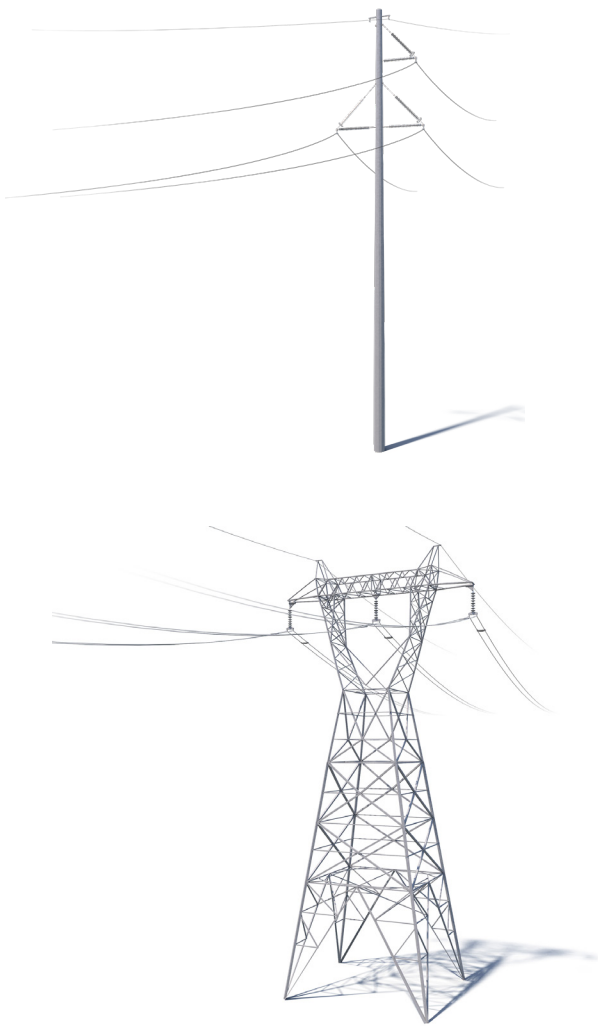
Average Structure Height: Approximately 85 feet*

- New structures are expected to be about 20 feet taller than existing structures

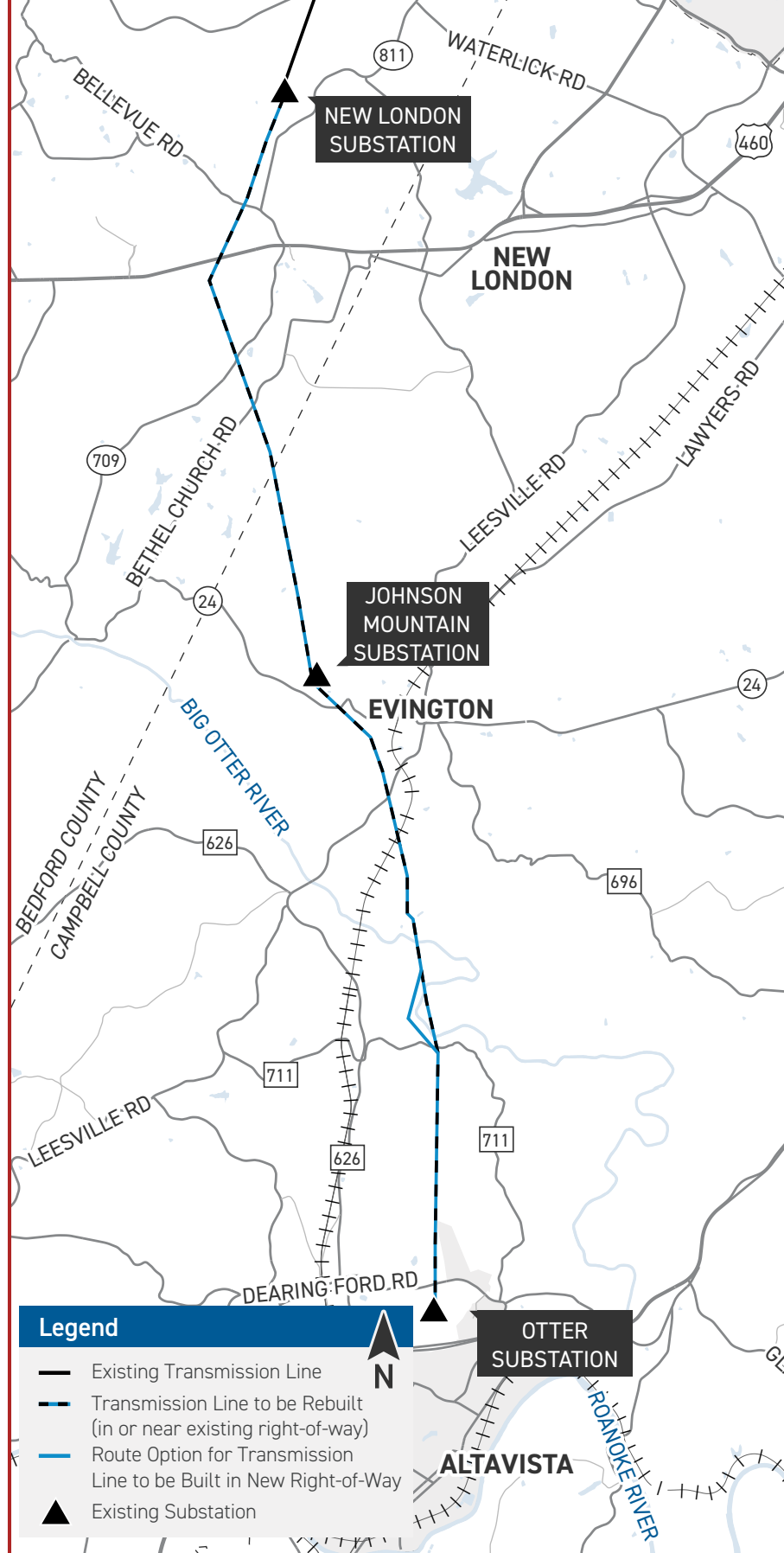
Average Right-of-Way Width: 75 feet*

- Right-of-way may be expanded to safely accommodate line clearance where needed.

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



Lattice towers may be used in limited locations based on terrain.



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

Jessica Lemons • Project Outreach Specialist
APCO_Outreach@AEP.com • 833-313-3743

AppalachianPower.com/NewLondon-Otter

05/18/2026