

REUSENS-NEW LONDON

TRANSMISSION LINE REBUILD PROJECT



An AEP Company
BOUNDLESS ENERGY™

Appalachian Power representatives plan to upgrade the local electric transmission grid in Central Virginia. The Reusens - New London Transmission Line Rebuild Project involves upgrading approximately 12 miles of electric transmission line in the city of Lynchburg and Bedford County. Plans also include upgrading a substation in Campbell County. Company representatives expect construction to begin in Summer 2022 and conclude by the end of 2023.



WHAT

The project includes:

- Rebuilding approximately 12 miles of 138-kilovolt transmission line in or near the existing right-of-way.
- Upgrading the existing Brush Tavern Substation.

WHY

Project benefits include:

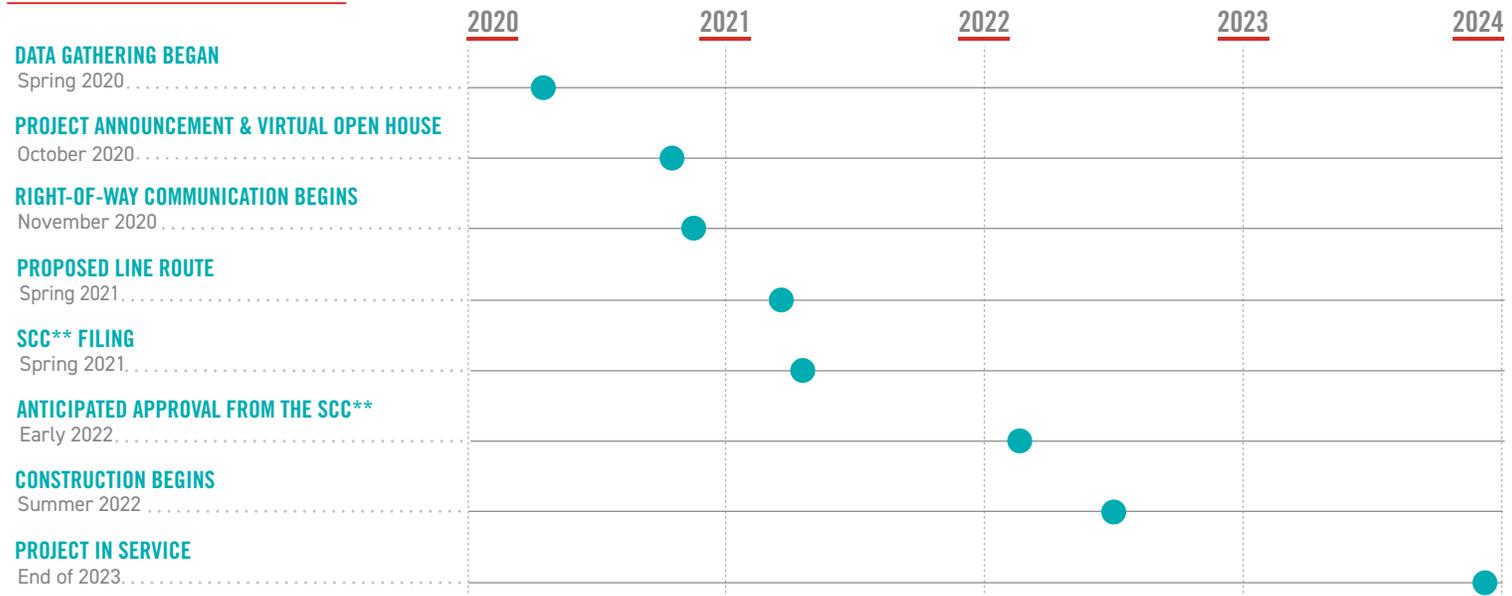
- Replacing 1940s structures with modern steel structures.
- Upgrading equipment to comply with the National Electrical Safety Code.
- Strengthening the transmission system and increasing electric reliability for area customers.

WHERE

The rebuild begins at a substation located along Old Trents Ferry Road. The line continues south for approximately 12 miles, crossing Boonsboro Road, Route 501 and Route 221. The rebuild ends at a substation located off of Thomas Jefferson Road.



PROJECT SCHEDULE

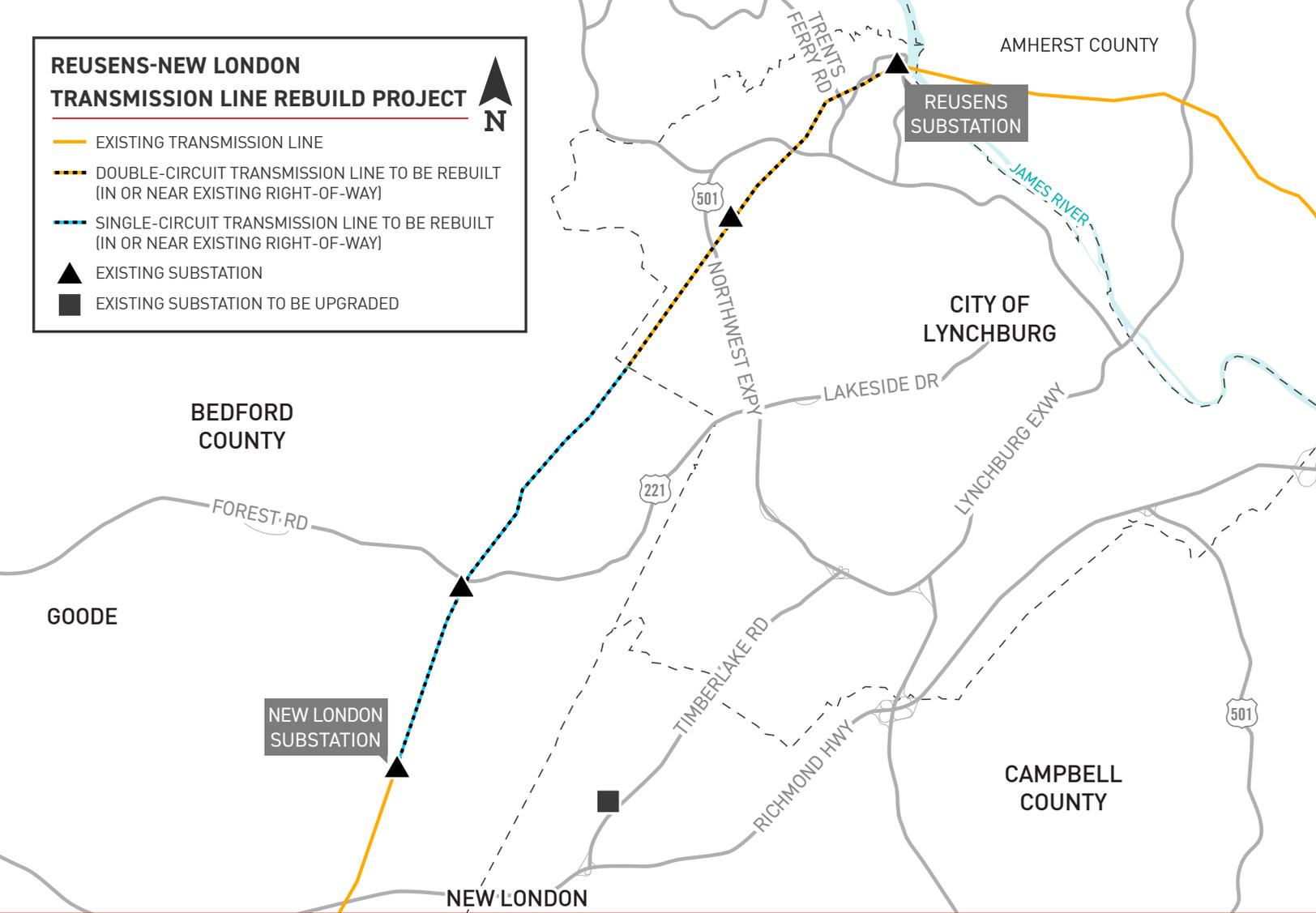


*Timeline subject to change.
**Virginia State Corporation Commission

REUSENS-NEW LONDON TRANSMISSION LINE REBUILD PROJECT



- EXISTING TRANSMISSION LINE
- DOUBLE-CIRCUIT TRANSMISSION LINE TO BE REBUILT (IN OR NEAR EXISTING RIGHT-OF-WAY)
- SINGLE-CIRCUIT TRANSMISSION LINE TO BE REBUILT (IN OR NEAR EXISTING RIGHT-OF-WAY)
- EXISTING SUBSTATION
- EXISTING SUBSTATION TO BE UPGRADED



TYPICAL STRUCTURES

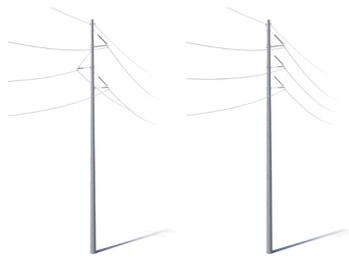
Crews plan to rebuild the line in Bedford County using single-circuit steel poles. In Lynchburg, crews plan to use double-circuit steel poles.

Right-of-Way Width: Approximately 100 feet*



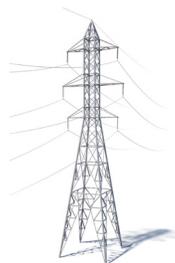
EXISTING SINGLE-CIRCUIT

Structure Height: Approximately 60 feet*



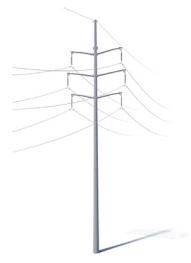
PROPOSED SINGLE-CIRCUIT

Structure Height: Approximately 80 feet*



EXISTING DOUBLE-CIRCUIT

Structure Height: Approximately 110 feet*



PROPOSED DOUBLE-CIRCUIT

Structure Height: Approximately 115 feet*

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

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

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