

FORT ROBINSON-HILL TRANSMISSION LINE REBUILD PROJECT

PROJECT CONSTRUCTION INFORMATION AND TIMELINE

Appalachian Power representatives plan to upgrade the electric transmission grid in Virginia and Tennessee. The Fort Robinson-Hill Transmission Line Rebuild Project involves upgrading approximately 14 miles of 69-kilovolt (kV) transmission line and two substations in Scott County, VA and Sullivan County, TN. Construction begins February 2024 and concludes by early 2029.

PROJECT COMPONENTS & BENEFITS

Crews plan to:

- Rebuild approximately 14 miles of 69-kV transmission line using both existing and new right-of-way
- Upgrade the Fort Robinson and Hill substations
- Supplement the company's existing easements and/or acquire new easements

TRAFFIC CONTROL

Appalachian Power representatives work to ensure public safety and minimize inconveniences during construction.

Crews plan to:

- Close road lanes as needed
- Use flaggers and signs to aid traffic flow on streets during the day
- Open road lanes at night if safety allows

SAFETY TIPS

- Be aware of uneven or slippery surfaces.
- Slow down when driving in the area and make sure your headlights are on.
- Watch for posted signs, road closures and traffic detours.
- Follow flaggers' instructions.

WHAT TO EXPECT DURING CONSTRUCTION

Construction Corridor Development

Crews prepare for construction by:

- Marking utilities and pole locations along the power line route using stakes and flags
- Removing fences, trees, and other obstructions from the right-of-way area
- Installing fences around the construction area for public safety and to control sediment
- Removing parts of sidewalks around various pole locations
- Removing soil to make room for the larger bases of the new poles
- Building roads to access construction areas

As part of this process, crews clear the right-of-way:

- Forestry crews prepare for transmission line construction by clearing trees and woody-stemmed vegetation from the right-of-way.
- Clearing allows for the safe construction, operation and maintenance of the line and ensures reliable electric service for area customers.
- The North American Electric Reliability Corporation (NERC) set standards that requires utilities to establish minimum clearance distances between transmission lines and the nearest vegetation. Non-compliance can lead to significant community-wide power outages.
- Crews may clear identified danger trees outside the right-of-way as allowed per the easement language.
- When possible and practical, crews use selective clearing practices to retain low-growth shrubs and bushes.

Pole Installation

At most pole locations, crews:

- Assemble the new pole and place it near the installation area
- Remove existing wires and other equipment from the existing poles
- Remove the existing poles
- Install and stabilize the base of the new pole
- Install and secure the new pole

Wire Installation

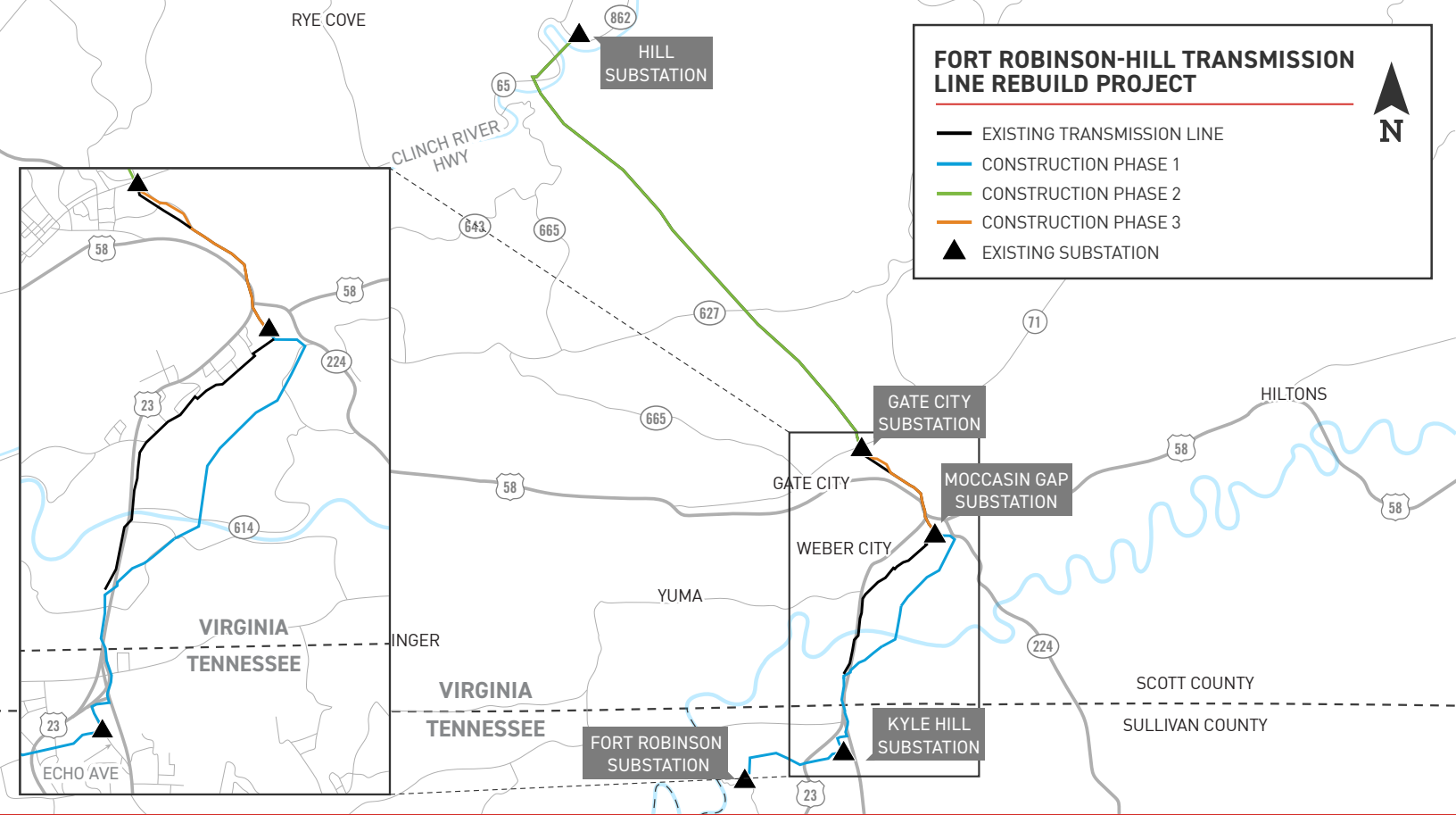
Crews install new wires on the new steel poles along the power line route.

Facilities Placed In-Service

Crews energize the equipment after finishing pole and wire installations.

Post Construction & Site Restoration

Appalachian Power crews follow construction crews throughout the project to restore sidewalks and other neighborhood properties to as close to their pre-construction condition as possible. Activities include restoring sidewalks, reseeding properties, etc. Right-of-way agents also work with landowners to address any other property damages.



PROJECT SCHEDULE

PHASE 1: MOCCASIN GAP-FORT ROBINSON

Construction Corridor Development

February 2024 - April 2024

Pole Installation

April 2024 - June 2024

Wire Installation

June 2024 - September 2024

Facilities Placed In-Service

November 2024

Post Construction & Site Restoration

Summer 2025

PHASE 2: GATE CITY-HILL STATION

Construction Corridor Development

November 2026 - May 2027

Pole Installation

May 2027 - August 2027

Wire Installation

August 2027 - November 2027

Facilities Placed In-Service

November 2027

Post Construction & Site Restoration

Early 2029

PHASE 3: MOCCASIN GAP-GATE CITY

Construction Corridor Development

March 2027 - September 2027

Pole Installation

June 2028 - July 2028

Wire Installation

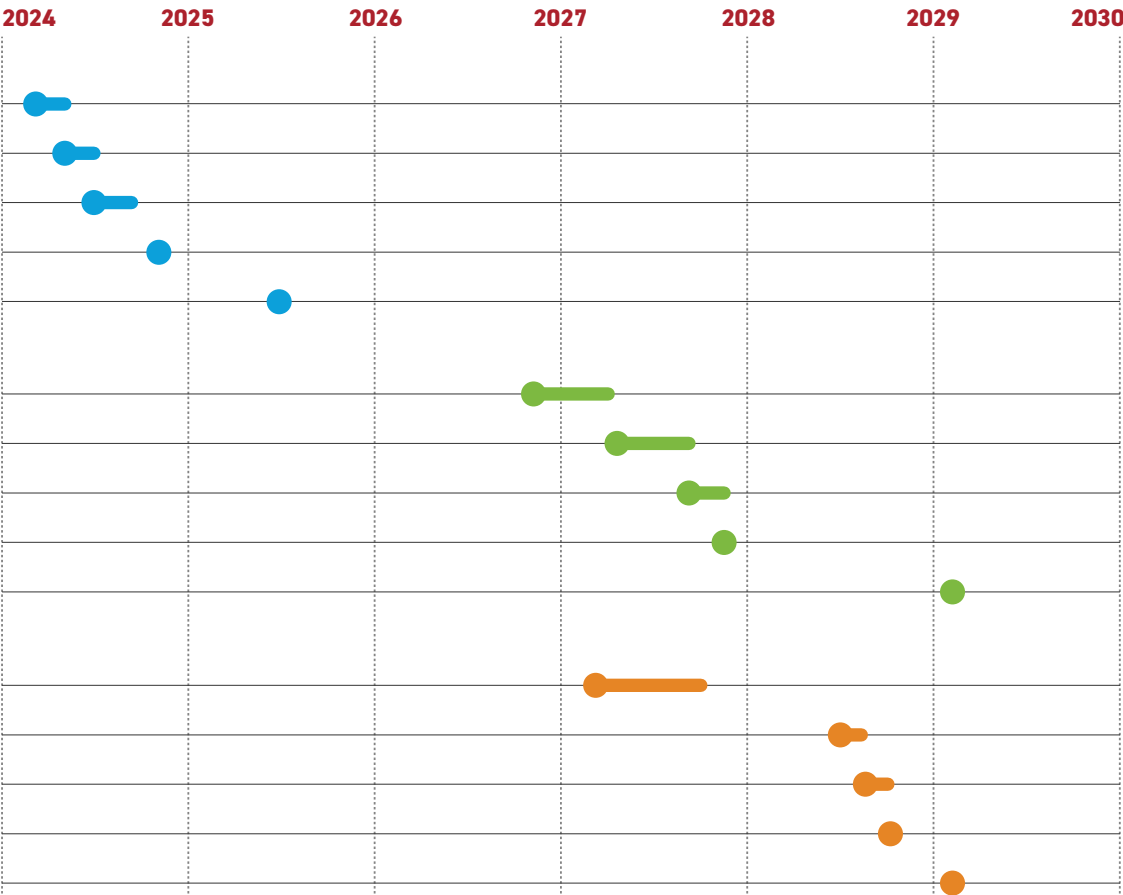
July 2028 - August 2028

Facilities Placed In-Service

August 2028

Post Construction & Site Restoration

Early 2029



*Timeline subject to change.

WE VALUE YOUR INPUT. PLEASE SEND COMMENTS AND QUESTIONS TO:

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