

# Darrah - Barnett Transmission Line Rebuild Project

Appalachian Power representatives plan to upgrade the transmission system in Huntington, West Virginia. The Darrah - Barnett Transmission Line Rebuild Project involves upgrading approximately 3 miles of 69-kilovolt (kV) transmission line. Construction begins fall 2028 and concludes spring 2029.

## What

The project involves:

- Rebuilding approximately 3 miles of 69-kV transmission line in or near the existing right-of-way.\*
- Upgrades at Barnett and West Huntington substations.

\*Right-of-way representatives may need to obtain new or supplemental property easements along the line route.

Appalachian Power representatives are reviewing the feasibility for additional upgrades near the project, from Barnett Substation to the West Huntington Substation.

## Why

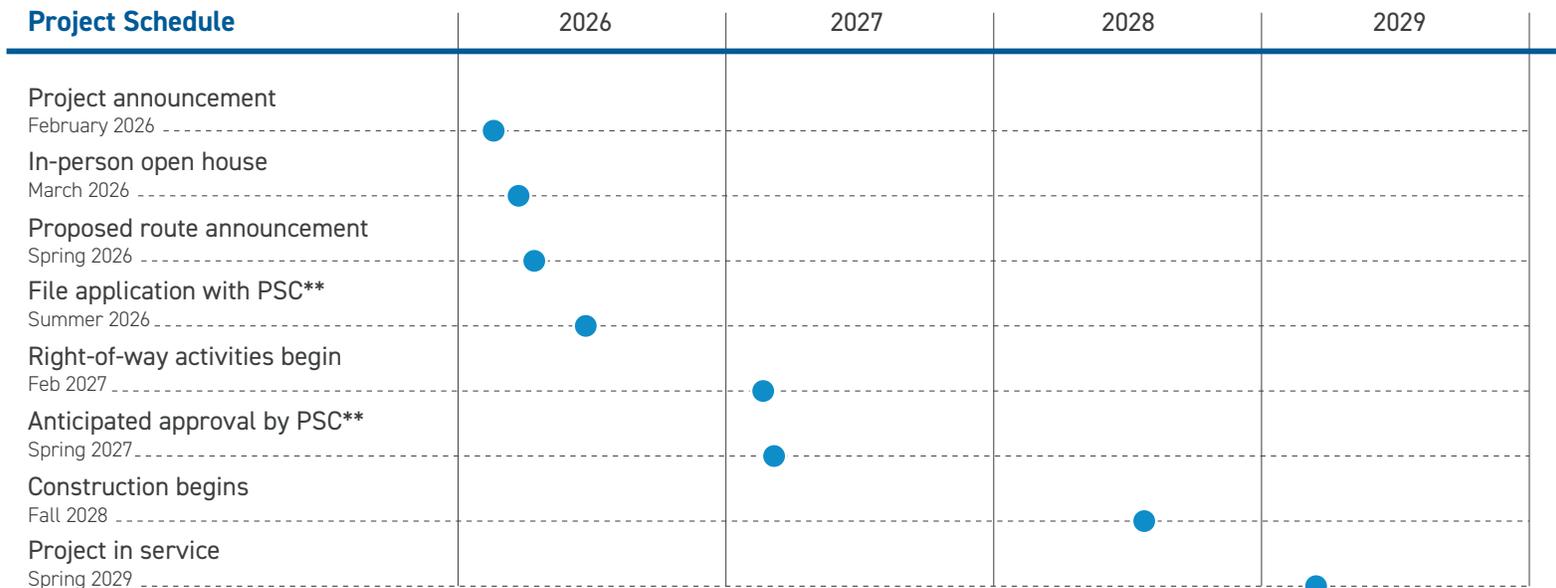
PJM, the area's regional transmission organization, has identified a transmission line overload scenario during peak power usage in the summer and winter.

These upgrades address this overload on the power line by increasing the line capacity, while also increasing electric reliability and reducing the risk of outages.

## Where

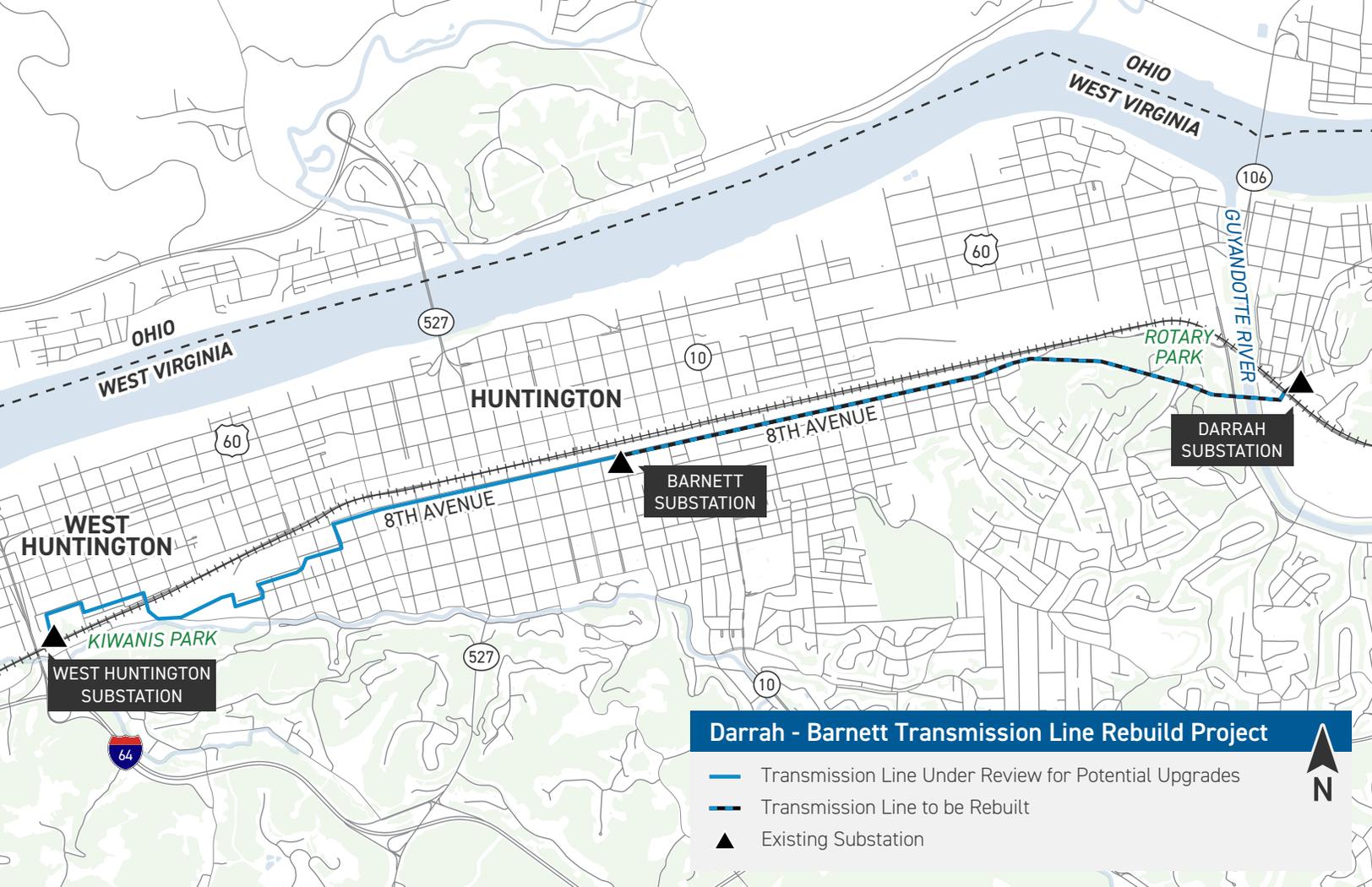
The rebuild begins at Darrah Substation located off Buffington Street and travels west, crossing the Guyandotte River and Highway 60 before passing through Rotary Park. It continues west along 8th Avenue and ends at Barnett Substation near 12th Street.

## Project Schedule



\*Timeline subject to change.

\*\*The Public Service Commission of West Virginia (PSC) is the regulatory agency overseeing utilities operating in the state.



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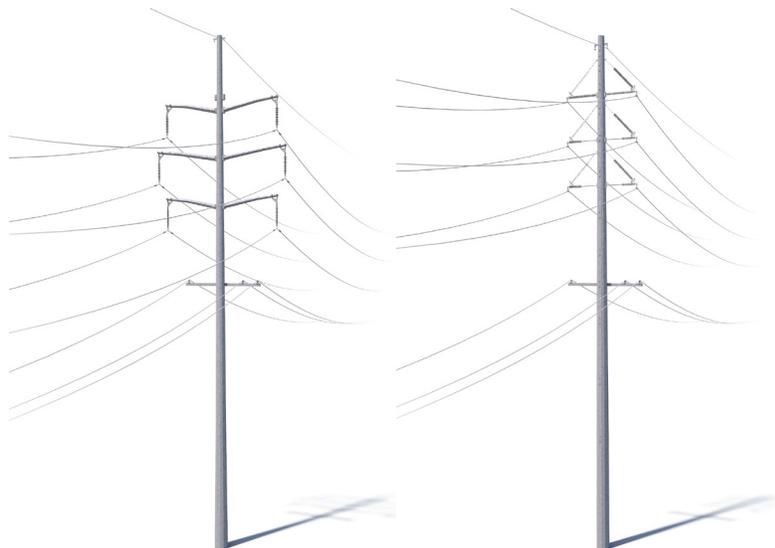
- Transmission Line Under Review for Potential Upgrades
- - - Transmission Line to be Rebuilt
- ▲ Existing Substation

### Typical Structures

Crews plan to rebuild the line using double-circuit single steel poles.

Existing Structure Height: Approximately 60 feet  
 Proposed Structure Height: Approximately 75-95 feet\*  
 Right-of-way width varies depending on engineering design and location.

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



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



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

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