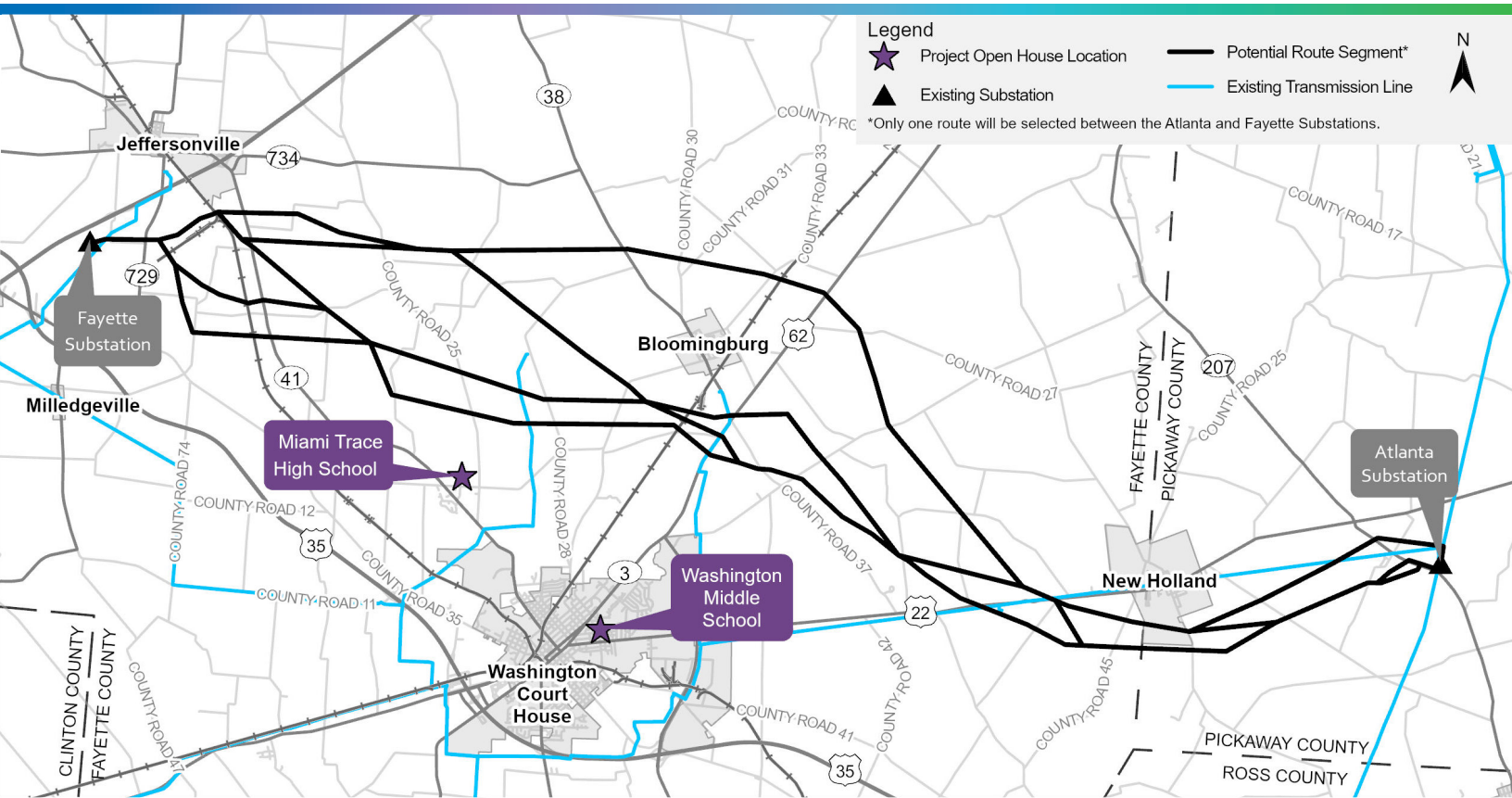


# Atlanta - Fayette 345kV Transmission Line Overview

This project is part of the necessary upgrades to support the increased capacity requirements driven by load growth in the Jeffersonville, Ohio area. The project involves building approximately 25 miles of new double circuit 345kV transmission line.



## Why

AES Ohio is dedicated to accommodating the load growth near the Fayette Substation in the Jeffersonville area. The latest load requests necessitate significant additional transmission support by 2031. These network enhancements will not only serve the new load but also provide increased capacity, flexibility, and redundancy for Pickaway and Fayette Counties and its communities.

We propose establishing a new double circuit 345kV line connecting the Fayette substation in Jeffersonville, Ohio, to the AES Ohio Atlanta substation in Atlanta, Ohio. This new double circuit Atlanta-Fayette 345kV transmission line will introduce an additional source into the Jeffersonville area. Additionally, these facilities will facilitate operational flexibility for preventative maintenance on other transmission lines and transmission substation equipment in the region.

## What

The project includes:

- Building a new 345kV transmission line between Atlanta and Fayette Substations
- Expanding the existing Fayette Transmission Substation (associated project\*)
- Expanding the existing Atlanta Transmission Substation (associated project\*)

## Where

- Pickaway and Fayette Counties
- Villages of New Holland, Bloomingburg, and Jeffersonville
- Perry Township
- Marion Township
- Paint Township
- Jefferson Township

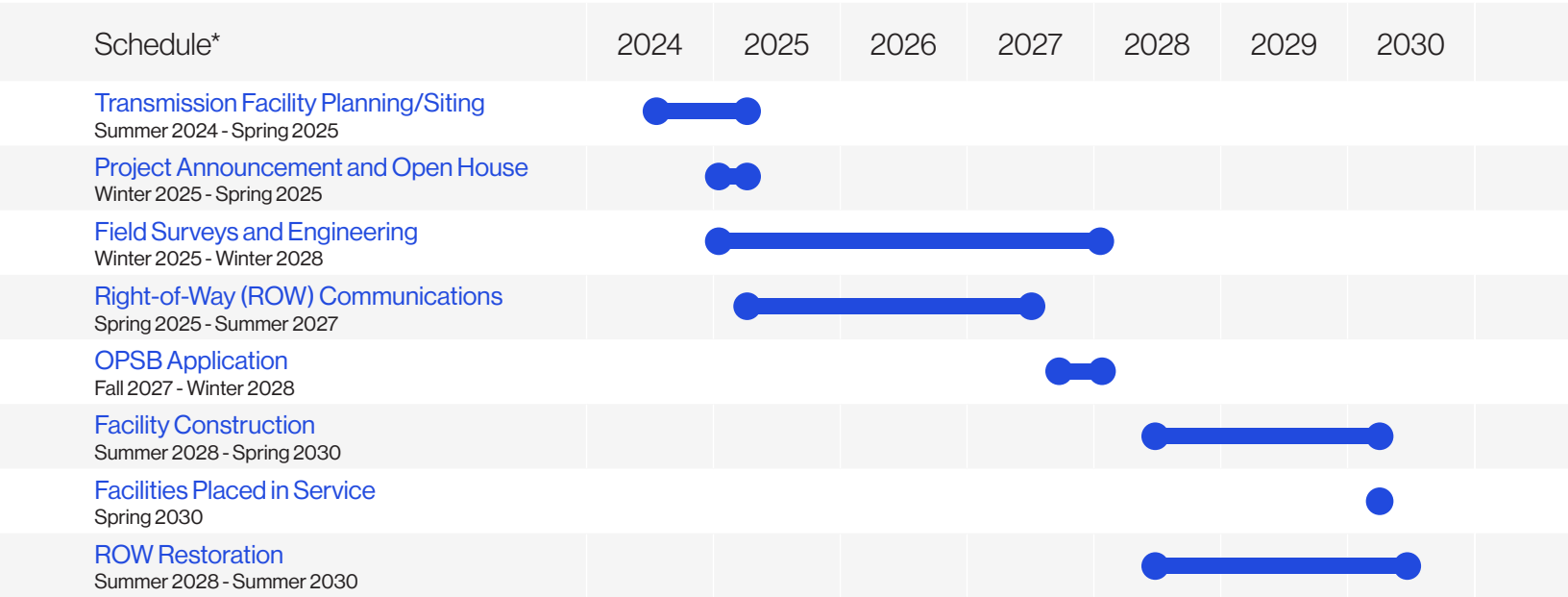
\*Associated projects have separate Ohio Power Siting Board (OPSB) filings and project websites.

[www.aes-ohio.com](http://www.aes-ohio.com)



March 2025

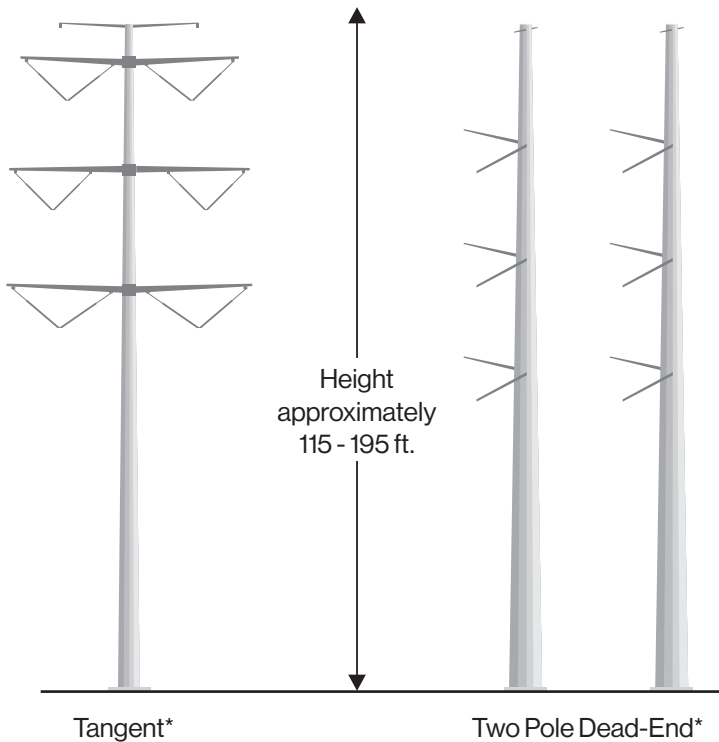
# Atlanta - Fayette 345kV Transmission Line Overview



\*Schedule is preliminary and subject to change.

## Typical Structures

The project involves the use of self-supporting steel poles on foundation with heights ranging from approximately 115 - 195 ft. with an approximate ROW easement width of 200 ft.



\*Final structure height, structure type, and ROW easement width may vary.

## Where Can I Get More Information?

The Project will require a Letter of Notification with the OPSB. A case number will be assigned at a later date.

AES Ohio values your input.

Please visit the project website or call the number below to leave feedback:

[www.aes-ohio.com/Atlanta-Fayette-345kV-Transmission-Line-Project](http://www.aes-ohio.com/Atlanta-Fayette-345kV-Transmission-Line-Project)

(937) 701-0675



## Company Overview

- Serving 527,000 customers across 24 counties
- Approximately 18,000 miles of transmission, distribution and underground lines
- 6,000 square mile service territory
- Employing more than 700 people

AES Ohio invests in our equipment and technology to create a stronger, safer and more efficient electrical system. We know our customers depend on us to provide the electricity they need to power their lives.

# Surveys and Real Estate Overview

## Preconstruction Survey Activities

### Field Surveys

All field survey data we collect allows our engineers to plan and design the line with the information necessary for construction. The survey conducted on your property assists the team to understand and address concerns or unique property features that may be present.

### Wetland and Stream Surveys

The wetland and stream surveys consist of field visits to locations that have been previously mapped as a stream or show wet patterns in aerial photographs in order to determine if these features should be classified as a wetland or a stream based on US Army Corps of Engineers guidelines. The crew will collect location data, photographs, and field notes on vegetation, hydrology, and soil characteristics for each feature.

### Archaeological Surveys

Archaeological surveys consist of walking the easement area to look for cultural artifacts on the ground. If artifacts are found, they are collected for further analysis. If a culturally-significant site is identified, additional testing may be required to determine if it is eligible for the National Register of Historic Places.

### Soil Surveys

As a part of the project, engineering staff will design the foundation for each transmission line structure. Conducting soil analyses on areas designated for the transmission line structures will help to determine the final design and structure locations. The excavation of soil samples helps our engineering team make calculations of the necessary depth and diameter of each structure foundation.

## Meet The Real Estate Team!



ORC was founded in 1969 and is one of America's most reputable right-of-way service providers. AES Ohio has retained ORC to assist landowners during the real estate process on its **Atlanta-Fayette 345kV** Transmission Project. We can help you with questions regarding surveying, easement documents, property access, compensation, construction, and restoration. ORC land agents are happy to discuss these activities and answer any questions you may have. **Please reach out to us at the following email address:** [alt-fay-transline-row@orcolan.com](mailto:alt-fay-transline-row@orcolan.com)

We look forward to working with you and appreciate your community's cooperation thus far. As always, if you have concerns or questions, please contact us. We also encourage you to visit our website for more information and to sign up for project email updates.