

# NAUVOO RIDGE TRANSMISSION LINE PROJECT

American Electric Power representatives announced plans in May 2023 to build approximately 8 miles of 138-kilovolt (kV) electric transmission line and upgrade equipment inside the Nauvoo Ridge Substation in Marshall County. Approximately 4 miles of the proposed power line will parallel an existing transmission line. The project team reviewed route options for the remaining 4 miles. The upgrades address stress on the area's electric system and provide a second source of power to the area, increasing electrical reliability and reducing extended outages. Company representatives expect construction to begin in January 2025 and conclude in January 2026.

## WHAT

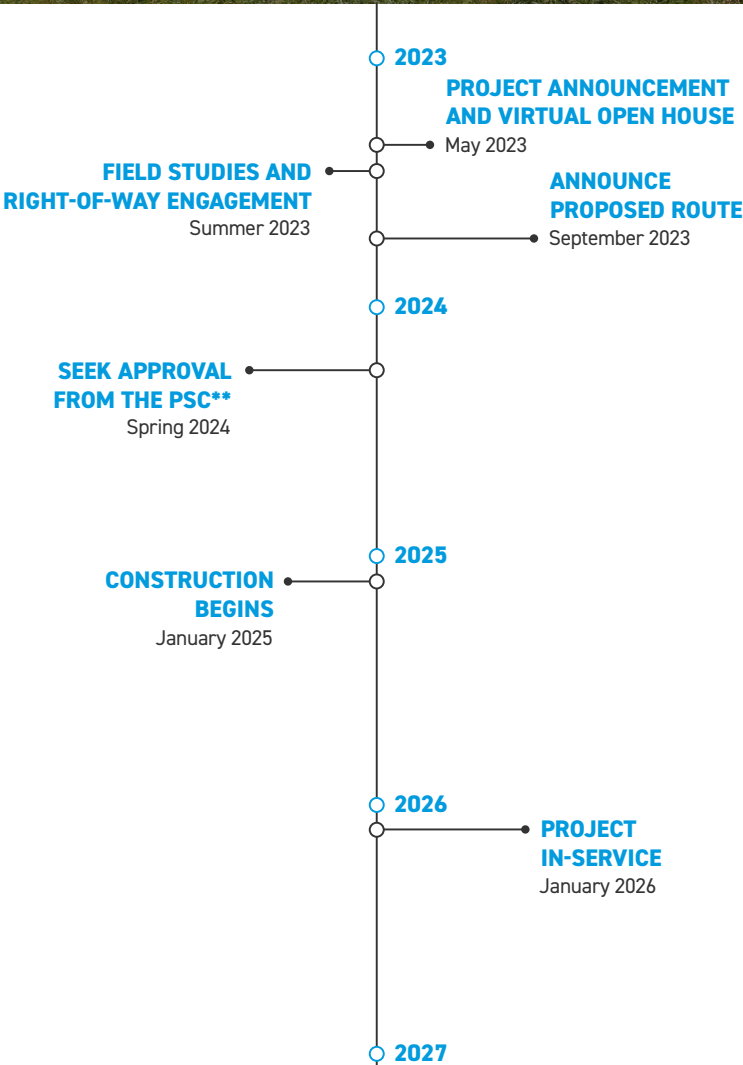
- Proposed Project Plans involve:
- Building approximately 8 miles of 138-kV transmission line. Approximately 4 miles of the proposed power line parallels an existing transmission line. The project team determined a route for the remaining 4 miles after reviewing future and existing land use, environmental impacts and input gathered from a virtual community open house and landowner discussions.
  - Upgrading the Nauvoo Ridge Substation.

## WHY

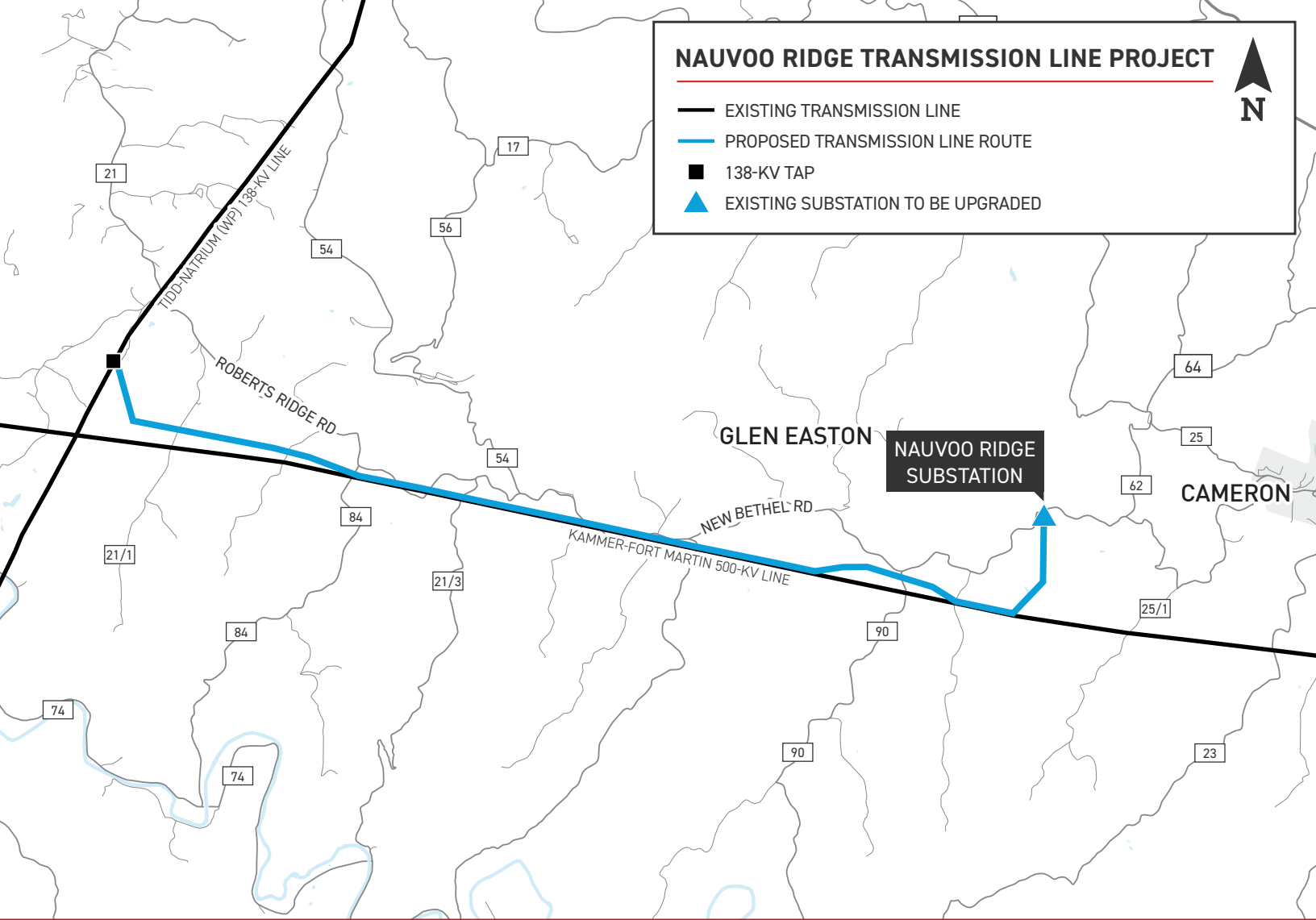
- The project:
- Addresses stress on the area's electric system. The existing transmission line feeding the Nauvoo Ridge Substation serves three large industrial customers and experiences prolonged outages when maintenance on the transmission line or substation is required.
  - Strengthens the transmission system by adding a second source of power to the area, reducing stress on the existing line.
  - Increases electric reliability by providing improved dependability, customer service and operational flexibility.

## WHERE

- The project area includes:
- Marshall County
  - Glen Easton community



\*Timeline subject to change.  
 \*\*Public Service Commission of West Virginia

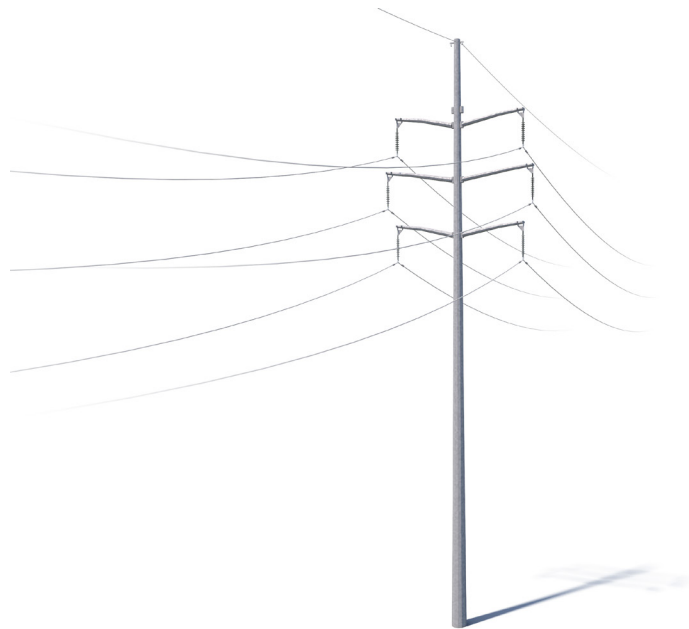


## TYPICAL STRUCTURES

The project involves building a new transmission line with double-circuit steel single-pole structures.

Structure Height: [Approximately 90-175 feet\\*](#)

Average Right-of-Way Width: [Approximately 115 feet\\*](#)



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

**WE VALUE YOUR INPUT. PLEASE SEND COMMENTS AND QUESTIONS TO:**  
 MELISSA MANN • PROJECT OUTREACH CONSULTANT REPRESENTING AMERICAN ELECTRIC POWER  
[M.MANN@GAICONSULTANTS.COM](mailto:M.MANN@GAICONSULTANTS.COM) • 859-795-2003  
[AEP.COM/NAUVOORIDGE](http://AEP.COM/NAUVOORIDGE)



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