

GEORGE WASHINGTON – NATRIUM TRANSMISSION LINE REBUILD PROJECT

American Electric Power representatives plan to upgrade the transmission system in Marshall County, West Virginia. The George Washington – Natrium Transmission Line Rebuild Project involves upgrading approximately 9 miles of electric transmission line. Construction began in summer 2024 and concludes in winter 2025.

WHAT

The project involves rebuilding approximately 9 miles of transmission line. The rebuild includes:

- Rebuilding approximately 7 miles from George Washington Substation to Kammer Substation.
- Rebuilding approximately 1 mile from Kammer Substation to McElroy Substation.
- Rebuilding from Columbian Substation to a structure approximately 1 mile to the southeast.
- Updating existing property easements. Easements are property rights that provide company representatives the access needed to safely build, operate and maintain its power lines.

This project requires approval by the West Virginia Public Service Commission (PSC).

WHY

The project:

- Replaces aging wooden and steel poles from the 1920s and 1950s. The existing structures have met the end of their service life and need to be replaced to maintain safe, reliable electricity for area customers.
- Addresses stress on the area electric system by improving the line’s operational performance during periods of high electric demand. Components of the project are mandated by PJM Interconnection.*
- Strengthens the transmission system in the area against weather impacts and reduces the likelihood of extended power outages. The existing transmission line has experienced multiple outages.

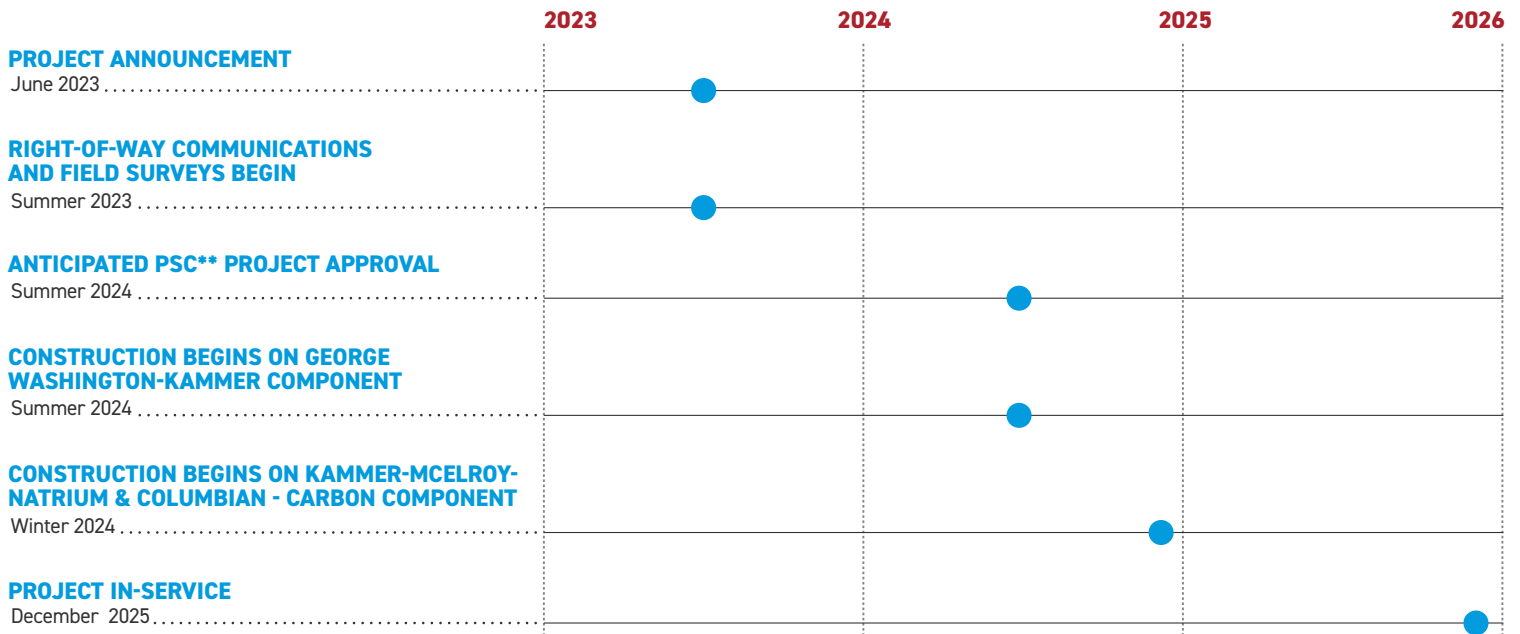
*PJM Interconnection serves as the regional transmission organization that monitors the electric grid in 13 states, including West Virginia.

WHERE

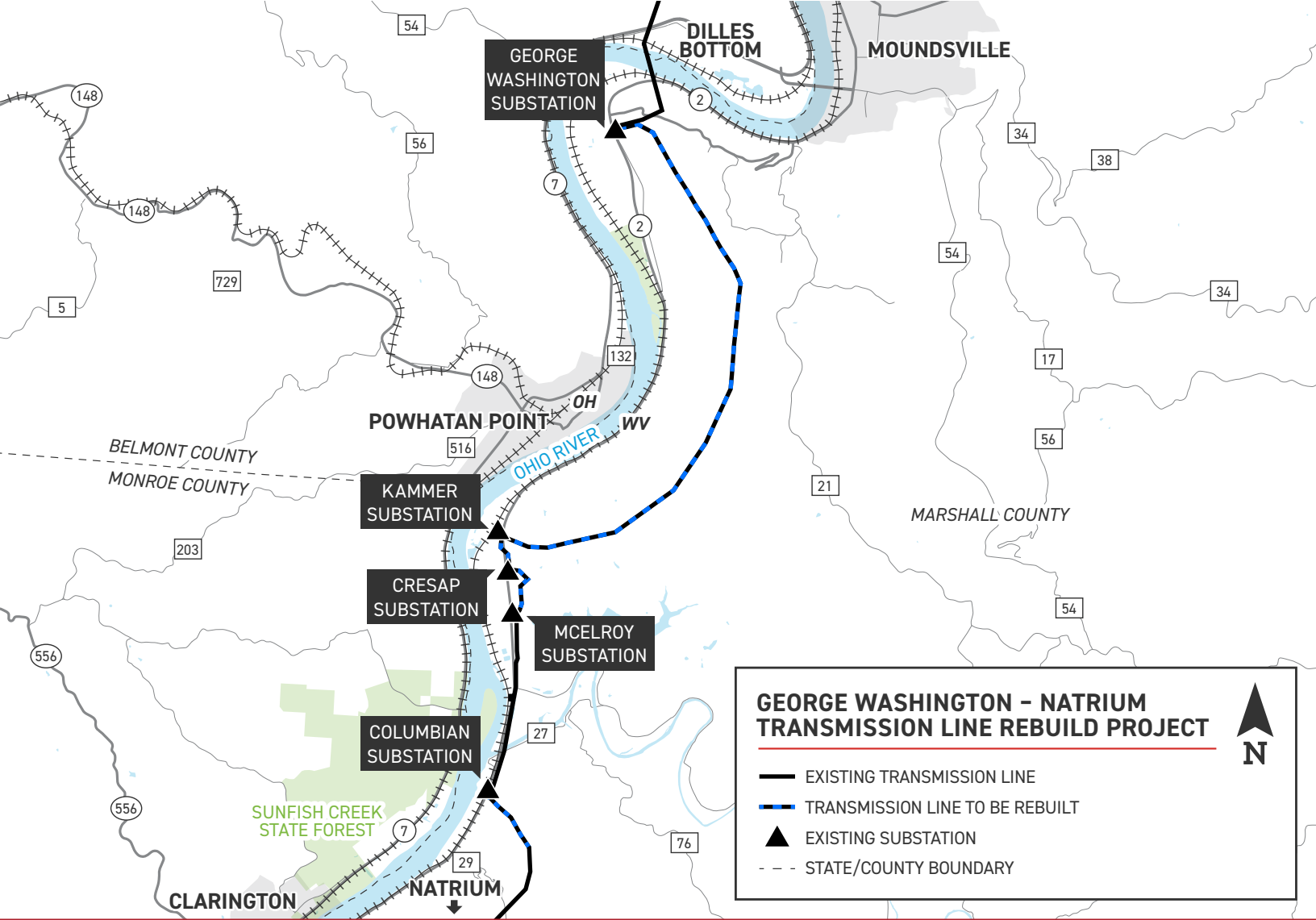
The project area includes:

- City of Moundsville
- Marshall County

PROJECT SCHEDULE



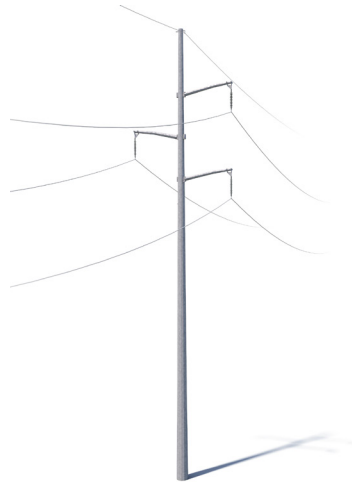
*Timeline subject to change. **PSC: West Virginia Public Service Commission



TYPICAL STRUCTURES

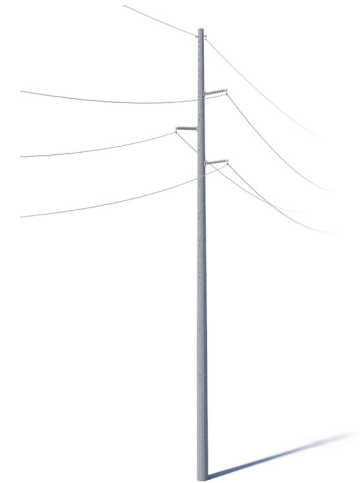
Crews plan to rebuild the line using steel single poles.

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



Single pole for George Washington - Kammer Component

Average Height: 120 feet
Average Foundation Diameter: 5 feet



Single pole for Kammer-McElroy-Natrium & Columbian-Carbon Component

Average Height: 75 feet
Average Foundation Diameter: 3.5 feet

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

WE VALUE YOUR INPUT. PLEASE SEND COMMENTS AND QUESTIONS TO:
 CARLA MYKYTIUK · PROJECT OUTREACH SPECIALIST REPRESENTING AMERICAN ELECTRIC POWER
 CARLA.MYKYTIUK@JACOBS.COM · 773-458-2842
 AEP.COM/GEORGEWASHINGTON

