

Messick Road-Morgan 138-Kilovolt Transmission Line Rebuild Project

Enhancing Reliability for Potomac Edison’s Transmission System

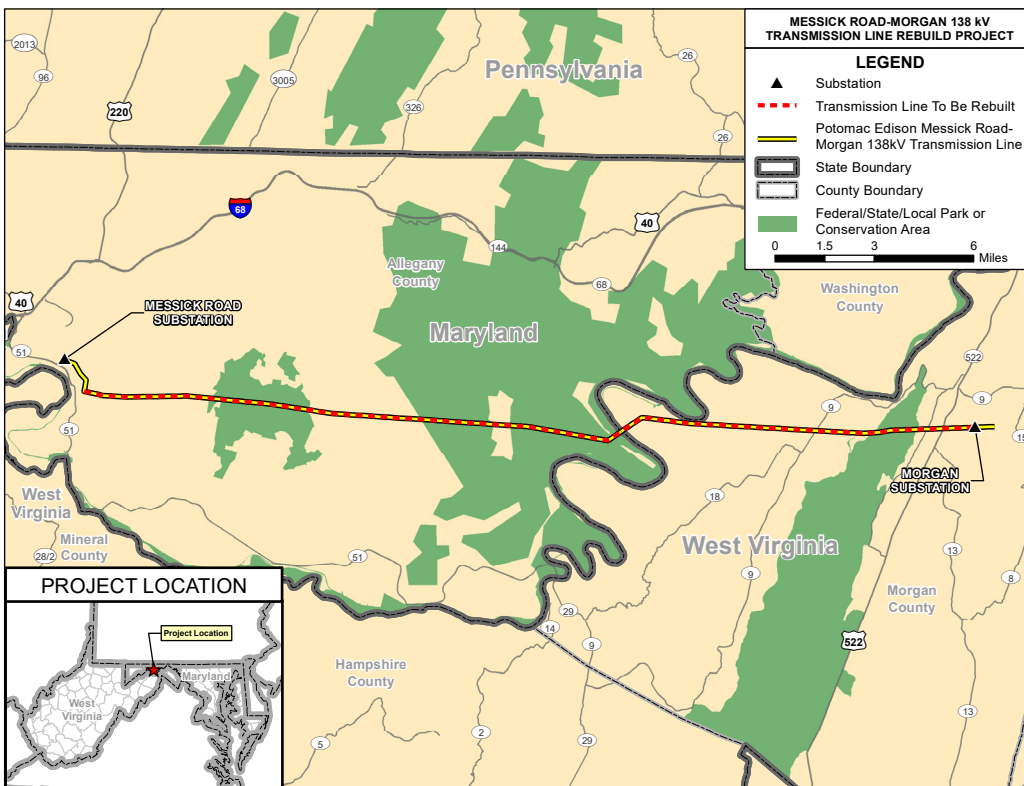
Potomac Edison is proposing to rebuild the Messick Road-Morgan 138-kilovolt (“kV”) transmission line to ensure the future reliability of Potomac Edison’s transmission system and provide additional transmission capacity into Maryland and West Virginia.

Project Overview and Need

This project entails rebuilding approximately 27.3 miles of the existing Messick Road-Morgan 138-kV transmission line in Maryland and West Virginia. Potomac Edison will rebuild approximately 16.4 miles of the existing transmission line in Allegany County, Maryland, and approximately 10.9 miles in Morgan County, West Virginia.

The proposed project is necessary to mitigate a thermal overload transmission planning criteria violation on the Messick Road-Morgan 138-kV transmission line. The thermal overload identified exceeds the rating of the existing transmission line conductor throughout the entire line; therefore, all 27.3 miles of existing conductor must be replaced with a higher-rated conductor. Additionally, the transmission line’s supporting wood structures need to be replaced due to their existing condition and to accommodate the new conductor.

Upon completion of this project, the increased thermal capacity of the line will ensure that more power can flow through the line. This will provide PJM and FirstEnergy additional flexibility for transmission system operations during unforeseen changes in system conditions. The project will also replace aged infrastructure.



Line Sitings and Approvals

Potomac Edison will file applications seeking authorization from the Maryland Public Service Commission (“MD PSC”) and the Public Service Commission of West Virginia (“WV PSC”) for this project. In addition, all required permits and authorizations from federal, state and local agencies will be secured to complete the project.

The project will utilize the existing transmission corridor to minimize impacts to landowners and the community. The existing Messick Rd-Morgan 138-kV

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transmission line is depicted on the accompanying map. Before filing the applications, Potomac Edison will seek input on this project from the community through a virtual public outreach program.

For more information about the MD PSC regulatory approval process, visit <https://www.psc.state.md.us/electricity/cpcn-information>.

For more information about the WV PSC notice process, visit <https://www.psc.state.wv.us/Orders>, and search by Case Number “GO 265.”

Easements

The existing transmission line is located within a variable 100- to 150-foot-wide right-of-way (“ROW”). Potomac Edison intends to replace existing structures and wire in accordance with the easements. Additional ROW will be required in select locations in order to meet necessary clearances for the project. Potomac Edison will contact landowners directly to discuss the need for any additional rights in addition to any temporary rights that may be necessary to facilitate construction, such as access routes, tree clearing and laydown yards.

Permitting

Detailed wetland, stream and other environmental and historical evaluations have been conducted along the existing transmission line corridor in coordination with appropriate governmental agencies. Potomac Edison will obtain all permits required by local, state and federal agencies prior to construction.

Construction

Transmission line construction in West Virginia is scheduled to begin in the fourth quarter of 2026 and to be completed in the third quarter of 2027.

Transmission line construction in Maryland is scheduled to begin in the second quarter of 2028 and to be completed in the second quarter of 2029.

Preliminary Project Timeline

- Q1 2025 Virtual Public Engagement
- Q1 2026 WV PSC Filing
- Q2 2026..... MD PSC Filing
- Q4 2026 WV Permit Approvals Received / WV Construction Start
- Q3 2027 WV Construction Complete
- Q2 2028 MD Permit Approvals Received / MD Construction Start
- Q2 2029..... MD Construction Complete & Project In-Service

About Energize365

Energize365 is a multi-year grid evolution program focused on transmission and distribution investments that will deliver the power FirstEnergy’s customers depend on today while also meeting the challenges of tomorrow. With planned investments of \$26 billion between 2024 and 2028, the program will create a smarter, more secure grid that will meet and exceed reliability targets and accommodate electric vehicles, the electrification of homes and businesses, and clean energy sources.