

Gore-Doubs-Goose Creek Improvements Project

Frederick and Montgomery counties, Maryland

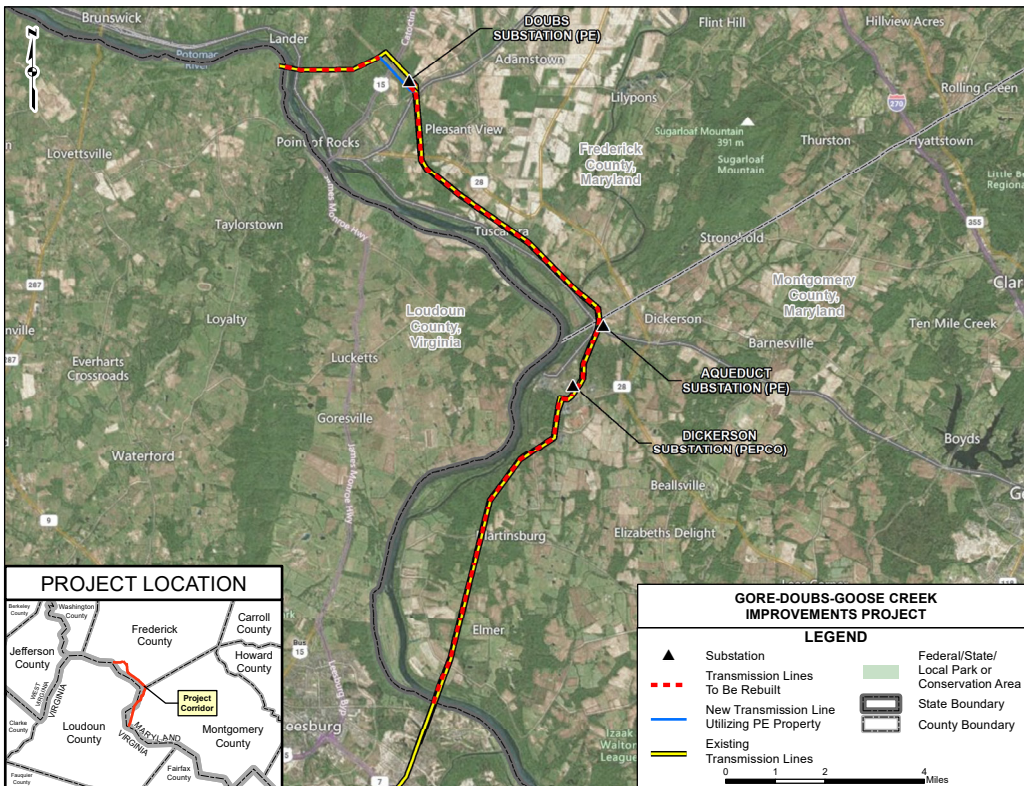
Project Overview and Need

Potomac Edison has been awarded a project by regional transmission organization PJM Interconnection to upgrade transmission lines in Frederick and Montgomery counties in Maryland. The project will primarily utilize existing transmission rights of way, minimizing environmental and community impacts.

The work will take place within approximately 18.1 miles of existing rights of way, beginning at a point on the Maryland state line in the southwest corner of Frederick County, continuing east and south to the Doubs Substation in Frederick County, and then south through Montgomery County to the Virginia state line.


Potomac Edison will utilize its rights of way and company-owned property to add new 500-kV lines. The project will include:

- Removing a section of an existing 138-kV line and installing a new steel structure that will support both the 138-kV line and a new 500-kV line for two miles.
- Installing approximately 0.8 miles of new 500-kV structures and line on company-owned property.



- Removing two side-by-side structures that support an existing 500-kV line and two existing 230-kV lines and installing three side-by-side structures that will support five lines (the existing lines plus two new 500-kV lines) for approximately 8.7 miles.
- Removing one set of structures supporting an existing 500-kV line and installing two side-by-side structures to support the existing line and a new 500-kV line for approximately 6.6 miles.

Continued



Dominion Energy will continue the upgrade work between the Virginia state line and its Goose Creek Substation in Loudoun County.

To accommodate the project, Potomac Edison will also expand Doubs Substation, upgrade its equipment and reconfigure connecting transmission lines, which will require the installation of new structures. This work will take place entirely on company-owned property.

Benefits

The project will enhance transmission system reliability, accommodate growing demand for electricity by residential and commercial customers, and facilitate the connection of new energy sources. It is one of multiple projects that was awarded by PJM, the grid operator for 13 states including Maryland, after PJM solicited proposals to address the growing demand for electricity in its territory. The projects will enhance the flow of electricity across the system for all customers and help address the impact of recent power plant retirements in PJM's service territory, including in Maryland.

For more information about PJM and the transmission system, please visit learn.pjm.com.

Approvals

Potomac Edison filed an application on March 27, 2026 with the Maryland Public Service Commission seeking approval for the project. Portions of the upgrades related to the transmission line reconfigurations and substation expansion may be filed separately. In addition, Potomac Edison will obtain all required permits and authorizations from federal, state and local agencies prior to construction.

Preconstruction Activities

Potomac Edison is currently conducting preconstruction activities along the transmission rights of way. To complete necessary surveys, our personnel may be seen driving or walking the property, taking measurements, placing boundary flags and occasionally obtaining soil and/or vegetation samples. Some larger geotechnical boring equipment may be used to obtain underground samples. Company representatives will work to keep nearby landowners updated on the project.

Easements

The project will primarily utilize existing transmission rights of way, depicted on the accompanying map, to minimize impacts to landowners, the environment and the community. In some limited areas, the rights of way will need to be expanded to accommodate the new transmission structures and establish required clearances around the lines.

Potomac Edison will contact landowners directly to discuss the additional easements required as well as temporary rights necessary to facilitate construction such as access routes, tree clearing and laydown yards.

Continued

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.

Preliminary Project Timeline

Summer 2025.....Public information meeting
Q1 2026.....Maryland Public Service Commission Application
2028.....Construction begins
2031.....Project complete and in service

Contact

Please reach out to our dedicated hotline at (888) 311-4737 with questions or email us at transmissionprojects@firstenergycorp.com.

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.

About Us

Potomac Edison serves about 285,000 customers in all or parts of Allegany, Carroll, Frederick, Garrett, Howard, Montgomery and Washington counties in Maryland. The company owns and operates 1,200 miles of transmission lines in Maryland, Virginia and West Virginia and has decades of extensive experience in constructing, operating and maintaining transmission facilities that enhance the reliability of the transmission system. For additional information about our transmission projects, please visit [firstenergycorp.com/transmission](https://www.firstenergycorp.com/transmission).