

Windy Edge to Five Forks Electric Reliability Upgrade Project

BGE routinely inspects its infrastructure and upgrades components when necessary to ensure the safe and reliable delivery of gas and electricity for customers. As part of this commitment, BGE will be upgrading the transmission infrastructure located on the transmission corridor between the Windy Edge substation in Perry Hall (Baltimore County) and Five Forks substation (Harford County).

The existing 115kV overhead transmission line consists of two circuits installed on parallel steel lattice tower structures for approximately 20.7 miles. The project will replace 425 steel lattice towers with 217 weathering steel monopoles, reducing the total number of poles needed along the corridor.

Frequently Asked Questions

What are transmission lines?

Transmission lines are sets of high voltage power cables that carry electricity long distances. Transmission lines move electricity from power plants to substations. They also move electricity between substations. Transmission lines are not to be confused with distribution lines, which are lower voltage power cables that distribute electricity from substations to local customers.

Why are the poles being replaced?

This circuit is among the lowest reliability performers on the BGE transmission systems. Rebuilding this line addresses multiple reliability concerns including aging infrastructure, aging conductor splices, and avian interference.

When will the project take place?

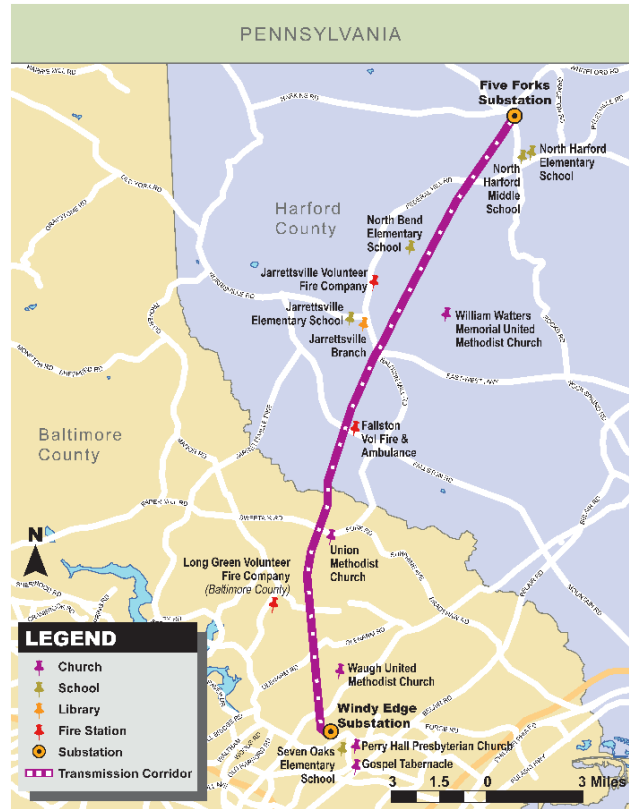
Construction along the BGE right-of-way is expected to begin in Spring 2022 and last through Winter 2025, weather permitting.

What is the proposed height of the new monopole structures?

The new monopole structures are expected to range between 90 to 130 feet tall.

Will customers in the area experience interruptions to their service during this process?

BGE does not anticipate any service interruptions to customers as a result of this project.



Will there be any electromagnetic field (EMF) concerns related to this project?

EMF impacts along the transmission corridor are expected to decrease following project completion. This decrease will be due to an increase in structure height and relocation of the lines to the center of the right-of-way.

How are you informing the public about this project?

BGE strives to be a good neighbor to the communities we serve. As part of this project, our outreach team has mailed construction kickoff information to nearby residents and is hosting a project website with more detailed project information. Individual property owners that are adjacent to the project corridor will be contacted, as needed.

Who can I contact if I have questions or concerns?

Your questions and concerns are very important to us. Please contact Mr. Malik Jordan, at (443) 423-1110 ext. 403 or Mr. Patrick Smith at (443) 423-1110 ext. 404 to learn more about this project. You may also send an email to fiveforkstowindyedge@bge-tsrep.com.