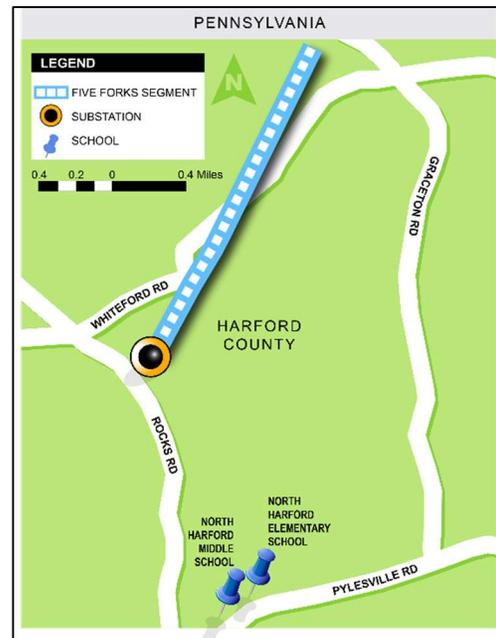


# Five Forks to Border Electric Reliability Upgrade Project

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 Five Forks substation in Harford County, MD and the Maryland-Pennsylvania border.

The existing 115kV overhead transmission line consists of two circuits installed on parallel steel lattice tower structures for approximately 1.8 miles. The project will replace 40 steel lattice towers with 12 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 June 2021 and last through fall 2021, 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 notifications to nearby residents and hosted a virtual open house in March 2021 to provide more information on the project.

Who can I contact if I have questions or concerns?

Your questions and concerns are very important to us. Please contact Ms. Joy Hamilton, at 240-583-7925 or Mr. Malcolm Mossman at 240-583-7920 to learn more about this project. You may also send an email to [BGEProject@bge.com](mailto:BGEProject@bge.com) and reference Five Forks to Border Electric Reliability Upgrade Project.