

FREQUENTLY ASKED QUESTIONS

Why is it needed?

There are several important reasons for upgrading this substation. First, the current facility was originally built in the 1960s. It contains equipment dating back to the 1970s and it must be modernized. Second, the current configuration is outdated and leaves our customers vulnerable to outages anytime there is a pole or vehicle accident, or other issue, on the regional transmission system. Third, the substation cannot currently serve the maximum peak summer load from nearby homes and businesses if one of the facility's two transformers is out of service, requiring us to install a third transformer.

And finally, powerful and damaging storms are becoming more frequent, bringing stronger winds, lightning, and heavy snow and rain, requiring us to strengthen our infrastructure so we can respond quickly and efficiently to outages caused by extreme weather.

How will you screen the substation from the public and neighbors?

We are committed to building a better facility and improving the way our property looks with new fencing, landscaping and design features. Based on customer feedback, we are proposing new louvered fencing up to 12 feet high, creating a screen that drastically reduces the community's ability to see our equipment. The final design and fence height must be approved by the Washington Township Zoning Board. To further screen the facility from the public, we are providing landscaping growing upwards of 20 feet high around the property, including multiple rows of varied vegetation and other design features to make the property more rural and minimize its industrial appearance.

KEY QUESTIONS FROM THE COMMUNITY

Will this project impact nearby property values?

Upgrading the substation and improving its fencing and vegetation is unlikely to impact property values. The substation was originally built in the 1960s and has been located at the same location at Woodbury Turnersville Road and Hurffville Grenloch Rd. for more than 50 years. Furthermore, we are taking steps to screen the facility from the public with new fencing and improved landscaping that will minimize the potential impacts of this project.

Was this substation recently upgraded?

This substation was originally built in the 1960s and contains equipment dating back to the 1970s that has reached the end of its useful life and must be replaced and modernized. During the spring and summer of 2019, we experienced an issue with one of the substation's aging transformers and had to replace it, impacting service for more than 6,400 customers and requiring significant emergency construction work. This reinforced the need to modernize this facility.

Who will benefit from the project?

This project will improve energy service reliability for more than 10,000 existing customers in Washington Township and about 1,300 customers in Gloucester Township by reducing the frequency and duration of outages. The project will create a more reliable and resilient connection between the regional transmission system and the local energy grid, enhancing reliability for local customers in these areas.

Are there facilities like this in similar neighborhoods?

Every day we safely and reliably operate substations near schools, homes, and businesses across southern New Jersey. This facility's design is comparable in size to other substations throughout South Jersey with similar load and capacity needs. To ensure safe and reliable service for our customers, we place substations near the customers they serve. We do this because when power lines extend a significant distance from the substation, it negatively impacts power quality, reliability, resiliency and, ultimately, the overall service our customers experience.

Does the project pose any health concerns?

We understand some customers have concerns about Electric and Magnetic Fields (EMF) and we take those concerns seriously. To address concerns, we have hired a third-party expert to study EMF near the substation now and following the project to ensure there is no significant change. It is important to remember that we live with EMF every day. EMF is present wherever electricity is generated, transmitted, or used and can be found in homes, offices and schools. The World Health Organization, the National Institute of Environmental Health Sciences and others have reviewed the large amount of scientific research that has been conducted on EMF and health over the last 40 years and concluded that exposure to EMF has not been shown to cause or contribute to any adverse health effects in adults or children.

What will the substation look like?

We will upgrade the existing substation on Hurffville Grenloch Rd. in Washington Township with a new substation built on our expanded 2-acre property at the same location. We have designed the project to minimize potential impacts to the local community. To help screen the substation from the public, the facility will be surrounded by a perimeter fence and much of the critical equipment will be enclosed within a new building, which will be about 18-feet tall. The new equipment will have a similar appearance and height as the current substation.

How are you working with customers?

When our facilities need to be upgraded, the local community plays a critical role in helping us design the project in a way that minimizes potential impacts to our neighbors while enhancing reliability for the broader community. We have hosted several community meetings and gathered feedback from the community about the importance of limiting our facility's industrial appearance and matching a more rural setting. We value our customer's input and are working closely with them to incorporate their feedback and address their concerns, wherever possible. We have a dedicated project phone number **856-351-7690** and email address **WashGlouc@exeloncorp.com** to ensure we can respond quickly to customer questions.

How will Atlantic City Electric minimize impacts during construction?

To minimize potential project impacts on local traffic, businesses and the community as a whole, construction for rebuilding the substation will generally take place on weekdays during normal business hours. Work will be completed as efficiently as possible to meet the project timeline and we will continue to keep the community informed throughout the entire process. We will make every effort to minimize disruptions and impacts to the community and will restore all areas affected by construction.

How much does the project cost and who will pay for it?

The project represents a \$25-million investment in the energy grid serving Washington Township, funding work that would occur from 2020–2022 as part of Atlantic City

Electric's comprehensive effort to modernize the South Jersey energy grid. The costs of reliability projects such as this are spread across all of our customer base and are paid for through the delivery charges on customer bills. Delivery charges are reviewed and set by the New Jersey Board of Public Utilities through a transparent regulatory rate review process. These processes are essential to providing the funding necessary to continue modernizing the local energy grid and improving reliability and service for customers.

How will Atlantic City Electric ensure safety and security at the substation?

We design our facilities to be safe, secure and reliable. The new substation will meet the highest established standards for critical infrastructure protection and safety. This includes protective perimeter fencing, proper signage, intrusion detection systems and alarms, card-restricted access to the site, motion sensors, 24/7 video surveillance and perimeter lighting, as well as advanced network firewalls for telecommunications systems.

What's next regarding the process and timeline?

Moving forward, we will continue to follow the designated processes to receive permits and approvals to proceed with the project. We expect to have the final design for the project completed by January 2020. We expect construction to begin in early 2021 and be completed by December 2022. We will continue to keep the community informed throughout the entire project. We also have a dedicated project webpage, **atlanticcityelectric.com/reliability**, where customers can find out more about this project.

How will storm and rainwater be managed at the substation site?

Our engineering and environmental experts have closely analyzed and planned for storm and rainwater management at the property. We have designed the facility to have any excess water drain onto the open space we own at the southern end of the property. This design will not impact our surrounding neighbors. In addition, there is no retention basin at the property, and our studies found that there will not be any standing water on the property after storms or significant rainfall.

LEARN MORE:

 atlanticcityelectric.com/reliability

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 856-351-7690