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Livingston Road Battery Energy Storage Project

As part of our broader strategic effort to better serve our customers and build a smarter, stronger and cleaner energy grid, we are planning to install a battery energy storage system to enhance service in Oxon Hill, Maryland. This project, the first of its kind in Prince George's County, will improve the reliability and quality of energy service in these communities during times when customer demand for energy is highest. We conducted a comprehensive review of potential options and identified this upgrade because it defers capital cost for a new substation and helps meet additional load growth in the area.

Why It's Important

Improves reliability for thousands of customers in Oxon Hill, Maryland.

Provides a local supply of power during periods of high demand or for some local outages, creating additional capacity on the local energy grid.

Acts as a back-up system if there is an issue with critical equipment at a substation serving the community, especially during periods of high energy demand.

Project Details

We plan to install a battery energy storage system at our Livingston Road substation facility located on Livingston Road in Oxon Hill, Maryland, to improve the quality of energy service for thousands of nearby customers. The battery technology used to support the energy grid is essentially a larger scale version of the batteries commonly used in computers and smart phones that can be found in most homes. When directly connected to the grid, the system stores energy that can be used later to meet customers' needs.

In addition to adding the battery energy storage technology, we will install modern state-of-the-art equipment with increased capabilities, including fiber optics, battery modules, and advanced battery system controls.

The battery storage unit will take up less than one percent of our property and will be contained within the fence line of our facility. The project design will include fencing and vegetation that will help screen this small facility from the public.

The safety of our customers, our communities and employees is our top priority. Safety and security measures at the new facility will meet and exceed the established standards for critical infrastructure protection and safety. We have worked with independent, third-party fire safety experts for the technical specifications of the battery to ensure they meet the latest industry best practices.

What You Need to Know

- The installation of the battery energy storage system, a safe and clean energy technology at Pepco's Livingston Road substation, can support area electric service reliability, and be an interim energy delivery solution that will assist customers in the Oxon Hill area while further assessment occurs on the subsequent timeframe for a new substation in the National Harbor area. That assessment will address new residential and commercial development and the capacity of the existing substation, will take stakeholder needs into consideration and lay out a draft time frame for facility design, permitting and construction.
- Our Exelon sister companies have successfully installed several battery energy storage projects in their respective regions to improve service for customers.
- Project construction is expected to begin in October 2022 and be completed by April 2023, following the Maryland Public Service Commission's approval in August 2022 to extend the in-service date of the system.
- We will work closely with you to incorporate your feedback and minimize any impact to the community.
- We have a dedicated project phone number **888-996-0003** and email address **pepcobatterystorage@pepco.com** to ensure we can respond quickly to your questions.

Health, Safety and Environmental

We are planning enhanced fire safety and mitigation efforts to address community concerns in addition to meeting all Maryland Fire Code. Advanced, multi-layer fire protection and mitigation procedures and tools will be in place at this facility, including automatic detection and suppression systems and a pre-piped water spray system that can be used by first responders. We are also working closely with local emergency management agencies, several fire protection engineering firms in Maryland, and Prince George's Fire and Rescue to educate first responders and the public on the characteristics of the battery system, training them on what to do in the event of an emergency.

This photo rendering shows a proposed design of the new battery energy storage system and improved fencing at our Livingston Road substation facility.

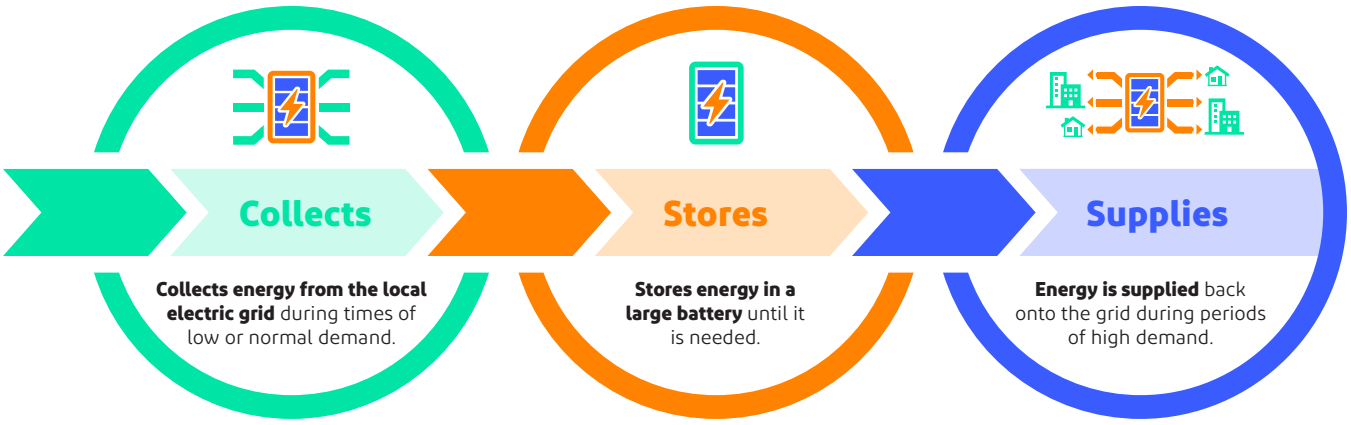
Committed to Working With You

We are committed to working closely with our customers and communities to address questions and minimize potential impacts throughout the project. We value your input and will work with you to incorporate your feedback and address your concerns, wherever possible, and will keep you informed throughout the entire project. We will perform all work within the times identified in the construction permits and will keep noise levels from construction activities within established thresholds. We will make every effort to minimize disruptions to the community and will restore all areas affected by construction.

Enhancing Reliability Across Our Region

The Livingston Road Battery Energy Storage Project is part of our broader strategic effort to strengthen and modernize the energy grid serving Maryland and the District of Columbia. This effort includes numerous targeted projects in communities across the Pepco region to harden our critical energy infrastructure and build a more resilient grid to prevent those outages that can be prevented. Visit **pepco.com/ReliabilityProjects** to learn more.

How it Works



Learn More: pepco.com/ReliabilityProjects | pepcobatterystorage@pepco.com | 888-996-0003

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