

November 2014

## Harrison Street Substation

We are always working to provide safe, reliable electric service to our customers and to support the needs of the region. As part of this commitment, Pepco is upgrading the Harrison Street substation in the Friendship Heights area of Washington, D.C. Related to this project will be the upgrade of underground supply feeders to the substation.

### Purpose and Need

The existing Harrison substation has been in service since the 1940s and is nearing its maximum capacity. With electrical load growth forecast to increase in Friendship Heights and the surrounding neighborhoods, the existing substation would challenge Pepco's ability to provide safe and reliable service to its customers. The upgrade will enhance system reliability for customers throughout the area and reduce the potential for power outages.

### Schedule

Before we begin replacing existing infrastructure at the substation, we'll first establish a temporary substation on the property adjacent to the substation. This property is currently occupied by Classic Motors of Washington, DC. We will need to create a temporary substation so we can continue to provide electric service in the area while the existing substation is out of service.

Once we've established the temporary site, we'll transfer the electric load from the Harrison substation. We estimate the transfer to be complete by June 2015. When the load has been transferred, we'll begin the upgrade work at the current Harrison substation.

- **Phase 1, August to March 2015:** Demolish the car lot next door; remediate, grade, and stabilize the lot; prepare the newly cleaned lot as a temporary substation site; and set up temporary substation equipment
- **Phase 2, January to June 2015:** Transfer the load from the Harrison substation to the temporary substation
- **Phase 3, July to January 2017:** Remove the old and install new equipment at Harrison substation
- **Phase 4, January to April 2017:** Transfer load from the temporary substation back to Harrison substation
- **Phase 5, April to June 2017:** Remove temporary substation equipment and restore temporary site



### **Underground Feeder Upgrade Schedule**

#### *Excavation, Pipe and Manhole Installation, Roadway Restoration*

- Western Avenue January 2015 – April 2015
- Jenifer St NW April 2015 – May 2015
- Wisconsin Ave NW May 2015 – April 2016

#### *Cable Installation and Splicing*

- Western Avenue August 2016
- Jenifer St NW August 2016 – September 2016
- Wisconsin Ave NW September 2016 – December 2016

### **Benefits to the Community**

- Provides neighborhood with a state-of-the-art substation that is quieter, cleaner and highly efficient
- Reduces outages and enhances reliability of service we provide to our customers
- Ensures that we can meet the growing demand for electricity

### **Public Participation & Communication**

Our goal is to keep residents in the project area informed every step of the way. We aim to complete the work with as little disruption as possible. We will notify residents and businesses near the project area when construction will occur. Our projected schedule is subject to change based upon a variety of factors; we will keep the community informed of any updates. As we continue to move forward, Pepco will maintain a special area on our website for updates and additional project information. Visit [pepco.com](http://pepco.com) and click on Community Commitment then Reliability Projects to find updated information.

For additional information concerning the Northwest Substation project, please email Chris Taylor, Pepco public affairs manager, District of Columbia, [crtaylor@pepco.com](mailto:crtaylor@pepco.com).