



## Our Work to Upgrade Reliability

## Montgomery County Progress Results

### 1. TRIMMING TREES

Many of Pepco's outages are a direct result of trees falling on power lines. Pepco is aggressively trimming trees along public rights of way to obtain increased clearance between the overhead electric wires and existing trees. Pepco will work with communities and homeowners in Montgomery County to remove potentially hazardous trees which fall outside of the company's right of way area.

We trimmed trees along 52.1 miles of power lines in Montgomery County during September, bringing the annual total to 436 miles. The annual target for 2016 is approximately 436 miles.

### 2. IMPROVING PRIORITY FEEDERS

A feeder is an electric power line that distributes power to up to 1,100 customers within a specific geographic area. Each year, across Montgomery County, Pepco selects feeders for additional work to improve performance.

In September, we completed work in the areas of Rockville, Laytonsville, Bethesda and Gaithersburg. We continued work in the areas of Kensington, Bethesda, Gaithersburg and Rockville. We will complete work on 28 feeders during 2016.

### 3. PREPARING FOR SYSTEM GROWTH

Similar to upgrading electric service to your home to accommodate new appliances and electronic devices, Pepco is continuing to upgrade power lines and is adding circuits to accommodate new customers and support increased energy use by existing customers.

The 2016 plan included three projects. All system growth projects have now been completed.

#### 4. INSTALLING ADVANCED TECHNOLOGIES

Pepco is installing advanced control systems that allow the electric system to identify problems and perform switching automatically. The technology will automatically isolate failed pieces of equipment and restore most of the affected customers within minutes of the failure.

The 2016 plan included the activation of two automated restoration schemes in Kensington and one in Silver Spring. We completed two additional projects in Silver Spring, exceeding the initial goal. All automated restoration schemes have been completed.

#### 5. REPLACING AGING AND DAMAGED INFRASTRUCTURE

A feeder is an electric power line that distributes power to up to 1,100 customers within a specific geographic area. This program supplements the priority feeder program and focuses on addressing equipment, vegetation, weather and animal-related issues that negatively impact reliability performance.

In September, we replaced or renewed 18,183 feet (3.4 miles) of cable in the county. We completed work in the area of Ferrara Drive. Work began in the area of Duchess Court, Blue Smoke Drive, Cathedral Way and Pooks Hill Road. Work continued in the areas of Calabar Drive. We plan to replace or renew 43 miles of cable during 2016.