



## 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 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 436 miles of power lines, achieving the 2016 annual target.

### 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 December, we completed work in the areas of Kensington, Silver Spring, Bethesda, Olney, Norbeck and Laytonsville. We completed work on 30 projects, exceeding the initial goal. We planned to complete 28 projects 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 three automated restoration schemes, we completed five schemes, exceeding the initial goal. All automated restoration schemes have been completed.

#### 5. REPLACING AGING AND DAMAGED INFRASTRUCTURE

This program supplements the priority feeder program and focuses on addressing equipment, vegetation, weather and animal-related issues that negatively impact reliability performance.

In December, we replaced or renewed 55,052 feet (10.4 miles) of cable in the county. We completed work in the area of Calypso Lane. Work began in the areas of Midline Road, Empire Lane, Nebel Street, Great Arbor Drive, Darmuid Green Drive, Graaf Place, Bradley Boulevard, Crossing Creek Road and Siever Court. Work continued in the areas of Veirs Mill Road, Snowshoe Lane, Turkey Foot Road, Horizon Run Road and Lakeworth Drive. We have completed 59 miles, exceeding the initial goal. We planned to replace or renew 43 miles of cable during 2016.