



## Our Work to Upgrade Reliability

## Montgomery County Progress Results

### 1. TRIMMING TREES

Many of Pepco's recent 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 also 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 9.5 miles of power lines in Montgomery County during December, bringing the annual total to 541.8 miles. The annual target for 2015 was 542 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. As part of the Reliability Enhancement Plan, Pepco has expanded this program by 45 percent.

In December, we completed 19 projects to date, exceeding the initial goal. We planned to complete 14 projects during 2015, which was updated to 19 feeders due to a modified feeder list.

### 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 2015 plan included four 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 2015 plan included four projects; all four projects and automated restoration schemes have been completed.

#### 5. REPLACING AGING 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. As part of the Reliability Enhancement Plan, Pepco will expand this program by 45 percent.

In December, we replaced or renewed 15,254 feet (2.9 miles) of cable in the county. Work began in the area of Lost Knife Road. Work continued in the areas of Greenplace Terrace, Fieldstone Road and Gude Drive. In 2015, we completed 72.4 miles, exceeding the goal of 63 miles of cable during 2015.