



## Our Work to Upgrade Reliability

## State of Maryland 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 Maryland communities and homeowners to remove potentially hazardous trees which fall outside of the company's right of way area.

The annual target for 2016 was 436 miles in Montgomery County, and we completed 436 miles of tree trimming. All tree trimming has been completed. The annual target for 2016 was 409 miles in Prince George's County, and we completed 432 miles of tree trimming, exceeding the initial goal. All tree trimming has been completed.

### 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 Maryland, Pepco selects feeders for additional work to improve performance.

In Montgomery County during November, we completed work in the areas of Gaithersburg and Laytonsville. We continued work in the areas of Kensington, Bethesda, Gaithersburg and Rockville. We completed work on 22 projects to date. We plan to complete 28 projects during 2016. In Prince George's County during November, we completed work in the area of Upper Marlboro. We continued work in the areas of Oxon Hill, Hyattsville, Lanham, New Carrollton and Largo. We completed work on 14 projects to date. We plan to complete 23 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.

In Montgomery County, we have completed all three planned projects for 2016. In Prince George's County, we have completed all three planned projects for 2016.

#### 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.

In Montgomery County the 2016 plan included the activation of three automated restoration schemes; we completed five schemes, exceeding the initial goal. In Prince George's County during November, we completed work in the areas of Forestville, Upper Marlboro, Largo, Seat Pleasant and Capitol Heights. We have completed six automated restoration schemes to date, exceeding the initial goal. The 2016 plan included the activation of four automated restoration schemes.

#### 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 November, we replaced or renewed a combined total of 65,152 feet (12.3 miles) of cable in Montgomery and Prince George's counties. In Montgomery County, we replaced or renewed 59,461 feet (11.2 miles) of cable in the county. We completed work in the area of West Deer Park Road. Work began in the areas of Veirs Mill Road, Lost Knife Road, Dunbridge Way, Snowshoe Lane, Darmuid Green Drive, Turkey Foot Road, Fallow Drive and Lakeworth Drive. Work continued in the areas of Horizon Run Road, Calypso Lane, Amity Circle and Olney Mill Road. We have replaced or renewed 48.5 miles of cable year-to-date. We planned to replace or renew 43 miles of cable during 2016. In Prince George's County, we replaced or renewed 5,691 feet (1.1 miles) of cable in the county. Work began in the areas of Beechwood Drive. Work continued in the areas of Trafton Drive and Largo Road. We have replaced or renewed 18.2 miles of cable year-to-date. We plan to replace or renew 38 miles of cable during 2016.