



## 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 aggressively 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.

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 436 miles. We trimmed trees along 132.3 miles of power lines in Prince George's County during September, bringing the annual total to 431 miles. The annual target for 2016 is 409 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 Maryland, Pepco selects feeders for additional work to improve performance.

In Montgomery County during 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 plan to complete 28 projects during 2016. In Prince George's County during September, we completed work in the areas of Oxon Hill and Capitol Heights. We continued work in the areas of Oxon Hill, Hyattsville, Lanham, New Carrollton and Largo. 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 two automated restoration schemes in Kensington and one in Silver Spring. We completed two additional projects in Silver Spring, exceeding the initial goal. In Prince George's County during September, we continued work in the areas of Walker Mill, Largo, Seat Pleasant and Capitol Heights. The 2016 plan includes 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 September, we replaced or renewed a combined total of 23,653 feet (4.5 miles) of cable in Montgomery and Prince George's counties. In Montgomery County, we replaced or renewed 18,183 feet (3.4 miles) of cable. 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. In Prince George's County, we replaced or renewed 5,470 feet (1 mile) of cable. Work began in the area of Partridge Place. Work continued in the areas of Largo Road and Tantallon Drive. We plan to replace or renew 38 miles of cable during 2016.