



## Our Work to Upgrade Reliability

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

We trimmed trees along 44.7 miles of power lines in Montgomery County during June, bringing the annual total to 266.7 miles. The annual target for 2016 is 436 miles. We trimmed trees along 27.5 miles of power lines in Prince George's County during June, bringing the annual total to 175.1 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. As part of the Reliability Enhancement Plan, Pepco has expanded this program by 45 percent.

In Montgomery County during June, we completed work in the areas of Bethesda, Olney and Gaithersburg. We continued work in the areas of Kensington, Bethesda, Gaithersburg and Rockville. We completed work on eleven projects to date. We plan to complete 28 projects during 2016. In Prince George's County during June, we completed work in the areas of Largo and College Park. We continued work in the areas of Oxon Hill, Hyattsville, Lanham, New Carrollton and Largo. We completed work on three 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 during June, we continued work in the area of Colesville. We completed work on two projects to date. We plan to complete three system growth projects during 2016. In Prince George's County during June, we continued work in the areas of Campus Drive and Colesville. We completed work on one project to date. We plan to complete three system growth projects during 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 during June, we completed work in the area of Kensington. We continued work in the area of Silver Spring. We completed work on one project to date. The 2016 plan includes the activation of three automated restoration schemes. In Prince George's County during June, we continued work in the areas of Walker Mill, Largo, Seat Pleasant and Capital Heights. The 2016 plan includes the activation of four automated restoration schemes.

#### 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 June, we replaced or renewed a combined total of 17,472 feet (3.3 miles) of cable in Montgomery and Prince George's counties. In Montgomery County, we replaced or renewed 6,659 feet (1.2 miles) of cable in the county. Work began in the area of Woodsboro Drive. Work continued in the areas of Harness Trail, Links Lane and Duhart Drive. We have completed 21.4 miles year-to-date. We plan to replace or renew 43 miles of cable during 2016. In Prince George's County, we replaced or renewed 10,813 feet (2 miles) of cable in the county. Work began in the areas of Potomac Heights Drive and Tantallon Drive. Work was completed in the area of New Orchard Drive. We have completed 11.4 miles year-to-date. We plan to replace or renew 38 miles of cable during 2016.