



## 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.

We trimmed trees along 436 miles of power lines in Montgomery County, achieving the 2016 annual target. In Prince George's County, the annual target for 2016 was 409 miles and we trimmed trees along 432 miles of power lines, exceeding the initial goal.

### 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 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. In Prince George's County during December, we completed work in the areas of Seat Pleasant, Cheverly, Landover, Clinton and Croom. We continued work in the areas of Capitol Heights and Suitland. We completed work on 21 projects to date. We planned to complete 23 projects during 2016. The work on the remaining two projects will carry over and be completed in the first quarter of 2017.

### 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, the 2016 plan included the activation of four automated restoration schemes. We completed six 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 a combined total of 58,559 feet (11.1 miles) of cable in Montgomery and Prince George's counties. In Montgomery 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. In Prince George's County, work began in the areas of Mt. Calvert Road and Metzerott Road and work continued in the area of Trafton Drive.