



U.S. Department of Energy
Office of Electricity Delivery & Energy Reliability

Ohio Valley & Mid-Atlantic Summer Storm Situation Report # 8
July 3, 2012 (3:00 PM EDT)

http://www.oe.netl.doe.gov/emergency\_sit\_rpt.aspx

Highlights:

- On the evening of Friday June 29, 2012 a severe thunderstorm system crossed the Eastern U.S. with heavy rain, hail, and winds reaching 80 mph. Over the weekend, additional storms impacted the affected areas.
As of 2:00 PM EDT today (July 3), 1,370,727 customers are without power in the affected regions. This is a decrease from the 1,444,615 customers reported in this morning's Situation Report #7. Restoration estimates and efforts by electric utilities are reported below.

Electricity Outages by State

Table with 5 columns: Impacted State, Current Customer Outages, Percentage of Customers Without Power, Peak Outages Reported in DOE SitReps, Customers Restored Since Peak. Rows include District of Columbia, Illinois, Indiana, Kentucky, Maryland, New Jersey, Ohio, Virginia, West Virginia, and a TOTAL row.

Note: States with fewer than 1,000 outages are not included in the table. Due to a large number of service providers, including investor owned utilities and cooperatives, the number of customer outages reported may not be comprehensive.

Sources: Outages obtained from company web sites and DOE communications. Total State customers are based on 2010 EIA Customer Data.

ESF 12 Actions:

- ESF 12 is staffing the FEMA National Response Coordination Center (NRCC) in Washington, DC, the FEMA Region III Regional Response Coordination Center (RRCC) in Philadelphia, PA, and the West Virginia Emergency Operations Center (EOC). ESF 12 has been deactivated from the FEMA Region V RRCC in Chicago, IL.



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**Electricity Restoration Activities by State:**

**Maryland and Washington, DC:**

- BGE reported today (July 3) at 1:00 pm that it has more than 3,300 employees and out-of-state workers actively engaged in the restoration effort: 2,000 BGE personnel and 1,300 out-of-state utility workers. These outside workers are coming from 15 States and Canada. BGE expects restoration to continue into the weekend.
- Pepco, servicing Washington DC and areas of Maryland, reported today (July 3), 75 percent of its impacted customers have been restored and additional crews arrived from Canada, Florida and Delaware. In total, the company has mobilized about 3,000 internal and external personnel for the restoration effort; 1,830 field restoration personnel, 340 personnel are mobilized to answer customer calls and about 830 are supporting the restoration effort in other roles. The estimated time of restoration (ETR) is 11:00 pm Friday (July 6), which is when Pepco expects the vast majority of its customers to have power.

**Indiana**

- Indiana Michigan Power reported at 7:00 am July 3, the majority of its outages remain in the greater Fort Wayne area. The storm caused damage or interrupted service for 138 (95 percent) of the 146 distribution circuits that serve the greater Fort Wayne area. Crews from Michigan, Illinois, Kentucky, West Virginia and Oklahoma are assisting with restoration of service. The utility has the following restoration estimates:
  - Delaware, Grant, Blackford, Jay, Madison, and Randolph Counties: Tuesday (July 3) evening
  - Allen and Whitley Counties: 80 percent of all customers restored by late Wednesday (July 4) and restoration will continue through the weekend for conditions that affect small pockets of customers and individual properties.

**Kentucky:**

- As of 10:00 am EDT on today (July 3), Kentucky Power reported approximately 70 percent of customers affected by the storm have been restored. The utility reported a full restoration estimate of Saturday (July 7), although most customers will have their electricity restored before that time. More than 500 outside restoration workers are engaged in the restoration effort. The utility released the following updated restoration estimates:
  - Magoffin County: Wednesday (July 4)
  - Boyd, Carter, Floyd, Greenup, Lawrence, Martin, Rowan Counties: Friday (July 6)
  - Pike County: Saturday (July 7)

**New Jersey:**

- Atlantic City Electric reported yesterday (July 2) it has 740 personnel involved in the restoration effort including 466 line workers from New York and Northern New Jersey, 38 contract assessment personnel, and 235 tree-trimming personnel. Another 72 line contractors from outside utilities were expected to arrive yesterday (July 2). The utility reports it could take until midnight, Friday (July 6) before all customers are back in service, although the majority of customers are expected to have power restored by sometime on July 4.



## U.S. Department of Energy Office of Electricity Delivery & Energy Reliability

### Ohio:

- As of 9:30 am today (July 3), AEP Ohio reports 4,300 internal and external personnel are working to restoring power in the company's service area. The company estimates to restore power to 90 percent of the customers in all areas except for Wellston by midnight July 7. Customers in the Wellston area of Athens, OH may not have their power restored until July 10. Damage assessments revealed more than 240 transmission structures were damaged by the storm, nine transmission lines have been since been restored with approximately 64 transmission lines remain out of service throughout Ohio.
- First Energy reports most customers have been restored, except for the Marion Area and Springfield area which have restoration estimates of Tuesday evening (July 3) and Wednesday evening (July 4), respectively.
- Dayton Power & Light (DP&L) stated today (July 3) they have surpassed their 95 percent restoration estimate and have moved up estimates to restore smaller, localized outages to Thursday evening (July 5). DP&L has 1,450 people from 9 states focused on restoring power 24 hours a day until all customers have power.

### West Virginia and Virginia

- AEP/Appalachian Power reported today (July 3) more than 2,000 workers - tree removal workers, damage assessment specialists, company line mechanics and outside line contractors - are dedicated to the restoration effort. Restoration personnel have traveled from Texas, Illinois, Iowa, Nebraska, South Dakota, Missouri, Alabama, Louisiana, Florida, Mississippi and Georgia. Damage assessments have revealed: more than 90 distribution substations taken out by the storm, with 31 still out of service, more than 370 circuit breakers were taken out of service due to the storm, down to 91 as of this morning. More than 100 transmission lines were affected by the storm and approximately 80 percent of these lines have been either partially or completely restored to distribution stations. As of 12:15 pm July 3, AEP restoration estimates in Virginia and West Virginia are:

#### Virginia:

- Dickenson, and Wise Counties - Tuesday night (July 3)
- Buchanan, and Russell Counties - Wednesday night (July 4)
- Floyd, Smyth, Tazewell and Washington County - Thursday night (July 5)
- Bland, Carroll, Giles, Grayson, Montgomery, Pulaski and Wythe counties - Friday night (July 6)
- Albemarle, Amherst, Amherst, Bedford, Botetourt, Campbell, City of Lynchburg, Craig, Franklin, Henry, Nelson, Patrick, Pittsylvania and Roanoke counties and City of Roanoke - Saturday night (July 7)

#### West Virginia:

- Greenbrier, McDowell, Mercer, Monroe, Putnam and Summers Counties - Friday night (July 6)
  - Boone, Cabell, Jackson, Lincoln, Logan, Mason, Mingo and Wayne Counties – Saturday night (July 7)
  - Clay, Kanawha, Fayette, Nicholas, Raleigh, Roane and Wyoming Counties – Sunday night (July 8).
- Dominion Virginia Power reported today (July 3), they have restored power to 86 percent of impacted customers and expected to restore 90-95 percent of affected customers by Thursday night (July 5), and virtually all remaining customers by Saturday night (July 7). Dominion has more than



## U.S. Department of Energy Office of Electricity Delivery & Energy Reliability

5,400 employees and retirees, contractors and utility crews from 16 States and Canada working to restore service.

- NOVEC, servicing the northern Virginia area, reported today (July 3) it has restored service to over 95 percent of customers impacted by the storm. NOVEC estimates all customers return to service before July 4.
- First Energy, servicing portions of West Virginia through Mon Power and Potomac Edison, reported today (July 3) more than 5,700 linemen, hazard responders, forestry workers, call center management and support personnel are working to restore service to affected customers; 4,300 employees from all 10 FirstEnergy utilities and 1,400 contractors and other utility employees. In West Virginia, helicopters are being used to assist in restoration of 67 transmission lines that were damaged as a result of the storm. The company's updated restoration estimates are:
  - Morgantown - mid-day Wednesday (July 4)
  - Berkeley, Grant, Hampshire and Mineral Counties - late Thursday (July 5)
  - All other areas – late Thursday (July 5) through late Sunday (July 8).