



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

Ohio Valley & Mid-Atlantic Summer Storm Situation Report # 11
July 6, 2012 (10:00 AM 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 9:00 AM EDT today (July 6), 416,192 customers are without power in the affected regions. This is a decrease from the 616,270 customers reported in yesterday's Situation Report #10. 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 Indiana, 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 staff were demobilized from the FEMA National Response Coordination Center (NRCC) in Washington, DC, on July 5. ESF-12 staff continue to support the FEMA Region III Regional Response Coordination Center (RRCC) in Philadelphia, PA, and the West Virginia Emergency Operations Center (EOC).

Electricity Restoration Activities by State:

Maryland and Washington, DC:

- BGE reported yesterday, July 5, it has restored power to 94 percent of its customers who were affected by the storm. The utility has 4,500 field and support forces engaged in the restoration effort, including workers from 15 States and Canada. The remaining repairs on the utility's system involve the more time intensive work to restore service to smaller pockets of customers. BGE continues expects restoration to continue into the weekend.



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- Pepco, servicing Washington DC and areas of Maryland, reported yesterday (July 5) they are working to restore power to the remaining 4 percent of customers who lost service from the June 29th storm. Pepco expects the majority of remaining customers without power to be restored by 11 pm tonight (July 6). In total, Pepco has about 2,900 personnel working on the restoration effort; 800 power line personnel from out of state, 500 tree trimming personnel, 400 overhead line contractors, 145 internal Pepco and Delmarva line crew members, 70 internal underground and substation personnel, 245 customer call personnel and 750 personnel supporting the restoration effort in other roles.

Indiana

- Indiana Michigan Power (I&M) reported at 7:00 am July 6, workers completed more than 96 percent of the power restoration in the Fort Wayne area/Allen county. A storm came through the area yesterday (July 5) causing additional outages. Crews from Michigan, Illinois, Kentucky, West Virginia and Oklahoma are assisting with restoration of service.

New Jersey:

- Atlantic City Electric reported yesterday (July 5), over 90 percent of customers without service due to the June 29 storm have been restored. The company estimates the remaining customers will be restored by late today (July 6). The company has more than 1,000 crew personnel deployed to work on these restoration efforts, with 135 additional personnel en route.

Ohio:

- As of 9:45 pm yesterday (July 5), AEP Ohio reported they have restored power to 84 percent of the customers that lost power due to the June 29 storm. The company anticipates 90 to 95 percent of customers to have their service restored by midnight Saturday (July 7). In their western Ohio service area, 443 transmission structures were downed by the storm affecting Paulding, Van Wert, Ottawa, Findlay, Bucyrus and Upper Sandusky areas. Approximately 128 transmissions circuits, primarily 69-kV and high-voltage 138-kV lines, were knocked out of service because of downed lines. Of the 128, 9 remain out of service. Service to approximately 306 substations was interrupted by damage to these lines. Service has been restored to all but three co-op stations in northwest Ohio. AEP Ohio has more than 5,000 internal and external resources working to restore electric service to its customers.
- First Energy reported yesterday (July 5), all customers impacted by the June 29 storm have been restored and any other outages are unrelated to this event.
- Dayton Power & Light (DP&L) reported yesterday (July 5), 100 percent of customers impacted by the June 29 storm have been restored.

West Virginia and Virginia

- AEP/Appalachian Power reported late yesterday (July 5) more than 4,200 workers are now dedicated to the restoration effort within AEP's Appalachian Power service territory. The company now has personnel assistance from 22 States. Updated damage assessments revealed more than 90 distribution substations were taken out by the storm and all but 6 are back in service. More than 370 circuit breakers were taken out of service due to the storm and all but 38 are back in service. More than 100 transmission lines were affected by Friday's storm. 80 percent of these lines have been either partially or completely been restored to distribution stations. At least 500 poles across Appalachian's territory were broken and needed replaced, and thousands of spans of wire damaged.

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AEP estimates 95 percent of their Appalachian Power customers will have power restored by late Sunday (July 8). As of 8:45 pm July 4, AEP restoration estimates in Virginia and West Virginia are:

Virginia:

- Carroll, Giles, Grayson, Montgomery, Pulaski, Washington and Wythe counties - Friday night (July 6)
- Albemarle, Amherst, Bedford, Botetourt, Campbell, City of Lynchburg, Franklin, Nelson, Patrick, 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 yesterday (July 5), power has been restored to 98 percent of customers that lost service due to the June 29 storm.** Restoration to customers in northern Virginia and the Richmond metro area is expected by late today (July 6). Dominion continues to add additional workers and equipment as they become available and focusing them on the hardest-hit locations; such as the Shenandoah Valley and Charlottesville areas, where restoration is expected to be virtually complete by Sunday (July 8). **Dominion has more than 5,600 employees and retirees, contractors and utility crews from 18 States and Canada working to restore service.**
 - **First Energy, servicing portions of West Virginia through Mon Power and Potomac Edison, reported yesterday (July 5) there are now 6,100 linemen, hazard responders, forestry workers, call center management and support personnel are working to restore service to affected customers. This includes employees from all 10 FirstEnergy utilities along with contractors and other utility employees. In the eastern panhandle of Potomac Edison’s service territory, the estimated restoration time is midnight tonight (July 6). Mon Power reported the majority of its customers will be restored by late Sunday (July 8).**