



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

Hurricane Irene Situation Report #16

September 4, 2011 (10:00 AM EDT)

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

Highlights:

- Hurricane Irene made landfall on Puerto Rico as a Category 1 hurricane on Monday August 22 and landfall near Cape Lookout, NC as a Category 1 hurricane at 8:00 am EDT August 27.
In response to Irene the following States declared a State of Emergency: Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, North Carolina, Pennsylvania, Rhode Island, Vermont, and Virginia.

Electricity Information:

Electricity Outages by State

Table with 5 columns: Impacted State, Current Customer Outages, % of State Customers Without Power, Peak Outages Reported in DOE SitRep(s), Customers Restored Since Peak. Rows include Connecticut, Maryland, Massachusetts, New Jersey, New York, Pennsylvania, Rhode Island, Virginia, and a TOTAL row.

Note:

States with less 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 2009 EIA Customer Data.

- As of 8:00 am EDT September 4, the impacted States report a total of 102,401 customers without power. This is a decrease from the 261,708 reported as of 8:00 am EDT September 3 in Situation Report #15. Restoration estimates and efforts by electric utilities are reported below.



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### Petroleum & Natural Gas Information:

- One segment of the Enterprise Products Partners (TEPPCO) LPG pipeline from Oneonta to Selkirk remains down due to flooding.
- The ConocoPhillips Chelsea, MA and Tembley Pt/Linden, NJ are not completely operational due to flooding issues.

### Electricity Restoration Activities by State:

#### Connecticut:



- Connecticut Light & Power (CL&P) estimates that the most impacted towns may not see restoration until September 7, but most towns should see restoration before that time. CL&P has put up a detailed restoration estimate by town on their website. The utility stated that the storm damaged 941 poles, 3,404 sections of wire, and 623 transformers. **CL&P has 1,800 line and tree crews assisting with the power restoration today (September 4), 1,500 are focused on the hardest hit eastern area of the State.**
- The United Illuminating Company (UI) reported yesterday (September 2) that they expect to restore power to nearly all customers by the end of this weekend. UI has crews in from Florida, Missouri, North Carolina, Wisconsin, and Indiana and in total there more than 300 crews working.

#### Maryland:



- **Baltimore Gas and Electric Company (BGE) has less than 2,700 customers remaining without power. BGE has more than 6,000 employees, including 2,000 out-of-state- personnel working on restoration today.**
- **Pepco, serving D.C. and Maryland, reported Friday that less than 200 customers remain without power.**

#### Massachusetts:



- National Grid estimated 98 percent of Massachusetts customers would be restored by yesterday (September 2). The company estimates full restoration by Sunday night (September 4) in southeastern Massachusetts or other areas with extensive damage. A detailed county listing with estimated restoration times is posted on their website.

#### New Jersey:



- PSEG estimates the remaining customers in Union, Middlesex and Somerset Counties without power should be restored by Sunday (September 4).
- Jersey Central Power & Light reports the majority of the remaining customers should be restored by by September 3 with some customers in areas which experienced severe flooding being restored late today (September 4).
- **Orange & Rockland reports less than 200 customers remain without power.**



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**New York:**



- Long Island Power and Light expects 99 percent of its customers to be restored by Sunday (September 4). The company has 4,000 line crews and tree trimmers working to restore power to the remaining customers.
- New York Service Gas and Electric (NYSEG) estimated customers in its Brewster Division would be restored by late yesterday (September 3). Customers in the Oneonta Division may not be restored until late Monday (September 5) due to road closures.
- **Orange & Rockland reports less than 200 customers remain without power.**
- National Grid reported that they will continue to work to restore power to customers with extensive flooding damage along the Mohawk River in the Montgomery and Schoharie counties over the weekend. On September 2 the utility reported 99 percent of their New York customers had been restored.
- Con Edison, serving New York City and surrounding area, expected all customers affected by Irene to be restored by last night (September 2).
- Central Hudson Gas and Electric Corporation expects the vast majority of remaining customers without power to be restored by Sunday (September 4). The company 230 crews including ones from Kansas, Oklahoma, Florida, and Washington, D.C. working with its own crews on the restoration efforts.

**Pennsylvania:**



- Met-Ed continues to estimate that the majority of their customers should be restored by late Sunday (September 4).
- UGI Electric reported on September 2 that due to the extent of the damage, customers should be prepared to be without power for an extended period, possibly into early next week in the most difficult-to-reach areas.

**Rhode Island:**



- National Grid reported that it estimates most customers will be restored Friday (September 2) with full restoration to all communities by Sunday (September 4). A detailed county listing with estimated restoration times is posted on their website. The company has over 4,550 personnel, including crews from Wisconsin and Tennessee assisting in the restoration.

**Virginia:**



- Dominion Virginia Power expects nearly all customers to be restored by September 3, details on crew locations can be found on the company website.



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**ESF 12 Actions:**

- ESF 12 is staffing the FEMA National Response Coordination Center (NRCC) in Washington, DC. ESF 12 demobilized in Region I Regional Response Coordination Center (RRCC) in Boston, MA on Friday (September 2). **Region II RRCC in New York, NY demobilized yesterday (September 3).**