



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

Hurricane Sandy-Nor'easter Situation Report #8

November 12, 2012 (10:00 AM EST)

http://www.oe.netl.doe.gov/emergencysit_rpt.aspx

Highlights:

- Beginning November 7th, a Nor'easter impacted the Mid-Atlantic and Northeast with strong winds, rain or snow, and coastal flooding. At 8:00 pm EDT October 29, the National Hurricane Center reported Sandy made landfall near Atlantic City, NJ as a post tropical cyclone.
- As of 9:00 am EST November 12, there are 88,882 customers without power in the affected States impacted by Hurricane Sandy and the Nor'easter. This is a decrease of 77,617 customer outages from yesterday's 10:00 am Situation Report #7. The combined total peak customer outages from Hurricane Sandy and the Nor'easter (reported in the Situation Reports) are 8,661,527: 8,511,251 from Hurricane Sandy and 150,276 from the Nor'easter Storm, respectively.
- Restoration estimates and efforts by electric utilities are reported below.

Summary

Electric Outages by State					
Impacted State	Current Customer Outages	Percentage of Customers Without Power	Peak Outages Attributed to Hurricane Sandy	Peak Outages Attributed to Nor'easter	Total Customers Restored Since Peak for Both Storms
New Jersey	5,991	< 1%	2,615,291	22,083	2,631,383
New York	79,744	< 1%	2,097,933	102,885	2,121,074
West Virginia	3,147	< 1%	271,765	0	268,618
TOTAL:	88,882				

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. Customer outages are representative of specific Situation Report reference dates and times.

Sources: Outages obtained from company web sites and DOE communications. Total State customers are based on 2011 EIA Customer Data.

ESF 12 Actions:

- ESF 12 is staffing the FEMA National Response Coordination Center (NRCC) in Washington, DC; the FEMA Region II Regional Response Coordination Center (RRCC) in Colts Neck, NJ, the New Jersey State Emergency Operations Center (EOC) in West Trenton, NJ, and the FEMA New York Joint Field Office (JFO). ESF-12 plans to begin staffing the New Jersey JFO on November 13.

Petroleum & Natural Gas Information:

Refineries

- A list of refineries impacted by Hurricane Sandy is presented in the table below.



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Refineries in the Path of Sandy as of 8:00 am EST 11/12/12

Refinery	Location	Capacity (B/D)				
		Operating Capacity*	Shut Down	Restarting	Reduced Runs	Normal
Hess*	Port Reading, NJ	70,000	X			
Monroe Energy	Trainer, PA	185,000				X
PBF	Delaware City, DE	182,200				X
PBF	Paulsboro, NJ	160,000				X
Philadelphia Energy Solutions (Sunoco)	Philadelphia, PA	335,000				X
Phillips 66	Linden, NJ	238,000	X			
TOTAL		1,170,200	308,000	0	0	862,200

Note: The table does not include asphalt refineries or facilities already closed in prior years.

*The Hess Port Reading, NJ facility does not process crude, but processes gas oils to produce petroleum products.

Sources: Confirmed by company or on company web site. Various trade press sources

Petroleum Terminals

- A total of 57 terminals in the path of Hurricane Sandy have reported on their status in the aftermath of the storm. **As of 8:00 am today (November 12), reports indicate that 50 terminals are open and 7 terminals are shut.** The tables below lists terminals that remain shut or that have recently re-opened.

Status of Petroleum Terminals as of 8:00 am EST 11/12/12

Company	City	State	Status	Date Stamp
Hess	Bayonne	NJ	Shut	11/3/12
CITGO	Linden	NJ	Shut	11/5/12
Hess	Newark	NJ	Shut	11/2/12
Motiva	Newark	NJ	Shut	10/31/12
Phillips 66	Tremley Point	NJ	Shut	11/3/12
Motiva	Brooklyn	NY	Shut	10/31/12
Motiva	Long Island	NY	Shut	10/31/12

Sources: Confirmed by company or on company web site. Various trade press sources

Natural Gas Distribution

- New Jersey Natural Gas (NJNG) reported yesterday (November 11) that it had begun to reintroduce natural gas in portions of Sea Bright and Long Beach Island. NJNG is finalizing its re-pressurization plan for the portion of its system from Bay Head to Seaside. On the Ocean County Mainland, NJNG has completed 24,000 service assessments showing that 1,300 meters are ready for natural gas restoration and 451 meters have been turned back on. Due to the flooding from Sandy, the company shut off natural gas service to the barrier islands areas of Long Beach Island and Bay Head to Seaside Park on November 1.**

Electric Restoration Information

New Jersey

- The State of New Jersey released power restoration plans from Public Service Electric and Gas, Jersey Central Power and Light, Atlantic City Electric, and Orange & Rockland. The restoration plans are updated daily and can be found in the “Information Sources” section at: http://www.state.nj.us/nj/home/features/spotlight/hurricane_sandy.shtml.



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- **Public Service Electric and Gas (PSE&G)** reported today (November 12) that it is restoring power to scattered outages which remain in its service territory, located in Union, Middlesex and Somerset counties. The remaining outages are due to localized issues that were not corrected when a system or circuit outage was restored, including damaged electrical service lines from the pole to a home or business. The company stated their workforce over 4,000 out-of-state workers and 700 PSE&G technicians will continue to address these localized issues.
- **Orange and Rockland (O&R)**, serving New Jersey, New York, and Pennsylvania reported Saturday (November 10) that it is continuing to restore those remaining customers who are without power. O&R's contingent of workers included more than 1,000 employees and over 2,500 utility contractors and mutual aid workers from across the nation and Canada.
- **Jersey Central Power & Light (JCP&L)**, a FirstEnergy subsidiary, reported today (November 12) that more than 8,400 line workers from Jersey Central Power & Light and around the country continue working to restoring the remaining customers who were without service due to Hurricane Sandy and the Nor'easter. In the Barrier Islands and some of the shoreline communities where the storm devastation is most severe, the company estimates that 30,000 customers cannot be restored. JCP&L is working with State and local officials on developing and implementing a full restoration plan and timeline to connect these affected customers safely.
- **Atlantic City Electric** reported there are still approximately 5,000 customers, who, because of extensive damage to their homes, cannot accept electric service at this time. They utility will restore electricity to those homes once it is safe to do so.

New York

- **Con Edison** reported yesterday (November 11) that it is on track to restore power by the end of the weekend to virtually all customers who were affected by Hurricane Sandy and whose equipment can accept service. In shoreline communities of Brooklyn, Queens, and Staten Island, the company originally identified about 30,000 customers that needed electrical equipment repaired and certified as safe. Approximately 8,000 of those customers have had their electricity restored. Those remaining 22,000 customers cannot get electrical service until their own internal equipment is repaired, tested and certified by an electrician as ready for service. The company is working with the New York City Buildings Department to expedite the restoration of these customers.
- **Long Island Power Authority (LIPA)** reported yesterday (November 11) that they estimate 99 percent of those able to receive power will be restored by the end of the day tomorrow. LIPA has over 10,000 linemen and tree trim crews currently working to restore power. There are up to 55,000 customers who may be unable to receive power. These customers include 17,500 customers in Nassau and Suffolk and 37,500 customers in the Rockaways. The company stated that it has ability to provide power to all of Suffolk, a large portion of the Rockaways, and all but a very few communities in Nassau. LIPA is working with local jurisdictions to complete needed surveys to determine whether or not electric power can be delivered to customer homes in those areas.
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West Virginia

- **Mon Power**, a First Energy Corp. subsidiary, reported Saturday (November 10) that, in West Virginia, that restoration for customers in the most heavily damaged areas should be completed by the end of the weekend.

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