



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

Hurricane Sandy Situation Report # 3
October 29, 2012 (3:00 PM EDT)

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

Highlights:

- As of 2:00 pm EDT October 29, the National Hurricane Center (NHC) reports Hurricane Sandy has maximum sustained winds of 90 mph. Sandy is 110 miles southeast of Atlantic City, NJ moving north-northeast at 28 mph. The NHC predicts hurricane force winds are expected along portions of the coast between Chincoteague, VA and Chatham, MA. On the forecast track the center of the storm is forecast to make landfall this evening along the southern New Jersey coast.
- A State of Emergency has been declared for Connecticut, Delaware, Washington D.C., Maryland, Massachusetts, New Jersey, New York, Pennsylvania, Rhode Island, and Virginia.
- As of 2:00 pm EDT October 29, the impacted States report a total of 316,563 customers without power in the affected areas. See State totals below.

Summary

Electric Outages by State				
Impacted State	Current Customer Outages	Percentage of Customers Without Power	Peak Outages Reported in DOE SitReps	Customers Restored Since Peak
Connecticut	2,073	< 1%	2,606	533
Delaware	2,406	< 1%	3,234	828
Maryland	20,199	< 1%	20,199	0
Massachusetts	30,413	< 1%	30,413	0
New Hampshire	18,190	3%	18,190	0
New Jersey	87,649	2%	87,649	0
New York	105,089	1%	105,089	0
North Carolina	15,466	< 1%	15,466	0
Pennsylvania	12,944	< 1%	12,944	0
Rhode Island	11,009	2%	11,009	0
Virginia	11,125	< 1%	11,125	0
TOTAL:	316,563			

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.

- Utilities have prepared for the hurricane by pre-positioning supplies, securing workers, and requesting mutual assistance support to restore power after the storm makes landfall. Restoration activities will be contingent upon wind levels and flood conditions in the impacted areas. Details on preparation activities are highlighted below.
- The Nuclear Regulatory Commission (NRC) stated today (October 29) that no nuclear generating plants have been shut down due to Hurricane Sandy. All plants have made preparations in advance



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of the storm and the NRC has pre-positioned inspector at all nuclear plants which could be impacted.

ESF 12 Actions:

- ESF 12 is staffing the FEMA National Response Coordination Center (NRCC) in Washington, DC; the FEMA Region I Regional Response Coordination Center (RRCC) in Boston, MA, the FEMA Region II RRCC in Colts Neck, New Jersey; the FEMA Region III RRCC in Philadelphia, PA, and the New York State Emergency Operations Center (EOC) in Albany, NY.

Petroleum & Natural Gas Information:

Refineries

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

Refineries in the Path of Sandy as of 1:00 pm EDT 10/29/12						
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	862,200	0

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

Ports and Terminals

- As of 1:00 pm EDT October 29, the U.S. Coast Guard reports closures for ports in Sector New York; Sector Long Island Sound; Sector Delaware Bay, including Philadelphia; and for ports along coastal waters in Virginia and Maryland, including the Chesapeake Bay entrance. However, the Ports of Baltimore, MD, and Hampton Roads, VA are open with restrictions. The Ports of Boston, MA and Providence, RI are also open with restrictions.
- As of 1:00 pm EDT October 29, the following terminals are shut down or preparing to shut down this afternoon:
 - Phillips 66’s terminals in Riverhead, NY and Tremley Point, NJ.
 - NuStar Energy’s terminals in Paulsboro and Linden, NJ; Virginia Beach and Dumfries, VA; Piney Point, Andrews AFB, and Baltimore, MD.
 - ExxonMobil Everett, MA; East Providence, RI; and Springfield, MA terminals.
 - Hess' Groton, CT terminal, one of the NE Heating Oil Reserve Terminals.

Petroleum Pipelines

- As of 12:30 pm EDT, October 29, Colonial Pipeline reports operations continue to be normal as contingency plans are being made for shutting down mainline operations in the Northeast due to



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Hurricane Sandy. Colonial is continuing to serve its customers who are still operating and is supplying its own storage tanks in New Jersey, Maryland and Virginia.

- As of 1:00 pm EDT October 29, trade press report that Buckeye Pipe Line has shut some lines out of Linden, NJ including pipelines to Queens and elsewhere in New York City, but the company is still shipping jet fuel to JFK, La Guardia, and Newark airports, and gasoline to Pennsylvania.

Electric Restoration Information

Maryland and Washington, DC

- Baltimore Gas and Electric Company (BGE), serving Maryland, announced today (October 29), it is mobilizing more than 4,100 employees, contractors and out-of-state linemen, tree personnel and support staff. Since Friday, approximately 1,700 out-of-state and contract linemen, tree personnel and support staff from Florida, Georgia, Illinois, Louisiana, Mississippi, Missouri, North Carolina, Oklahoma, Tennessee and Texas have committed to assist BGE.
- PEPSCO, serving Maryland and Washington, DC, stated they received commitments for 1,473 outside crew members to assist their 600 internal and contract personnel and 300 tree removal personnel.

Virginia and West Virginia

- Dominion Virginia Power reported today (October 29) that it has more than 5,500 workers responding to the storm, including 2,600 workers from other utilities, using more than 800 bucket trucks.
- Appalachian Power, serving West Virginia and Virginia, reported on October 28, more than 350 workers have been secured from AEP sister companies and will be moving into place on today (October 29). The workers will assist locally-based Appalachian Power employees should the storm cause widespread damage to electrical facilities.

New York and New Jersey

- Atlantic City Electric, serving New Jersey, announced yesterday (October 28) that it has 249 internal and contract line personnel and 224 tree removal personnel on the system and ready for quick mobilization.
- Jersey Central Power & Light (JCP&L), a First Energy subsidiary serving New Jersey, reported today (October 29) that it has moved 1,400 linemen and 1,200 forestry crews into position to restore power to customers. Crews have arrived in New Jersey from Florida, Indiana, Iowa, Michigan, Ohio and Canada. Restoration work will begin once the winds subside to safe levels since bucket trucks carrying linemen are not safe during high winds. The storm may delay a full assessment of damage until at least Wednesday (October 31) and then estimates will be developed for restoration times. Once the storm has passed, JCP&L will have 10 helicopters available to assess damage from the air.
- Public Service Electric & Gas (serving New Jersey), noted today (October 29) that it has 1,179 contractors, linemen and tree crews staged to respond to outages. PSE&G is working to secure additional resources that may be needed depending on the amount of damage and outages.
- Orange & Rockland (O&R), serving New York and New Jersey, stated today (October 29) it's 1,000 O&R field and administrative employees will be actively engaged in storm repair and service restoration work. They will be joined today by more than 800 contractor and mutual aid workers. Additional personnel and resources will be joining the effort through the week.



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- Long Island Power Authority (LIPA) has secured extra on-island and off-island crews and tree trimmers to help with the restoration efforts. Crews are traveling from Ohio, Wisconsin, Missouri, Illinois, Texas, Florida, California and Iowa to arrive throughout the week to support the restoration efforts.
- Con Edison, serving New York, reported Sunday (October 28) that they have secured over 700 external contractors, including line workers, tree crews and damage assessors, to assist with storm restoration.