



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

Hurricane Irene Situation Report #2

August 27, 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 22nd. As of 8:00 am EDT August 27th, Hurricane Irene, made landfall near Cape Lookout, NC as a Category 1 hurricane with maximum sustained winds of 85 mph. Irene is expected to remain a hurricane as it moves towards the Mid Atlantic states and New England. Irene is moving to the north-northeast at 14 mph. Tropical storm forces winds extend outward up to 260 miles from Irene's eye.

Electricity Outages by State

Table with 3 columns: Impacted State, Electric Customer Outages, % of State Customers Without Power. Rows include North Carolina (198,840 outages, 5%), South Carolina (1,828 outages, < 1%), Virginia (18,965 outages, 1%), and a TOTAL row (219,633 outages).

Note:

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 August 27, the impacted States report a total of 219,633 customers without power. Preparation and restoration efforts by electric utilities are reported below.
As of August 27, the following States have declared a State of Emergency: Connecticut, Delaware, District of Columbia, Maryland, Massachusetts, New Jersey, New York, North Carolina, Rhode Island, and Virginia.

ESF 12 Actions:

- ESF 12 is staffing the FEMA National Response Coordination Center (NRCC) in Washington, DC, the Region I Regional Response Coordination Center (RRCC) in Boston, MA, the Region II RRCC in New York, NY, the Region III RRCC in Philadelphia, PA, and the Region IV RRCC in Atlanta, GA.

Petroleum & Gas Information:

- As of 4:00 pm August 26, the petroleum refineries in Delaware, Pennsylvania, and New Jersey are all currently operating. The refineries are monitoring the Irene's path and are taking precautionary measures in advance of the storm.

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- According to the Energy Information Administration (EIA), as of Friday, August 19, East Coast (PADD 1) inventories for gasoline (55 million barrels) and distillate fuel (61.5 million barrels) are at about their 5-year average levels. Crude oil inventories (11.6 million barrels) are 18 percent below their 5-year average, but this is partially due to fewer inventories being needed as a result of the shutdown of Eagle Point and Yorktown refineries. Gulf Coast (PADD 3) gasoline, distillate fuel, and crude oil inventories are all well above their 5-year average.
- **Magellan Midstream Partners has shut down the following terminals:**
 - Selma, NC, Richmond, VA, and Wilmington, DE today (August 27)
 - New Haven, CT will be shut later today
- **Nustar has shut down the following terminals:**
 - Virginia Beach, VA on August 25
 - Wilmington, NC, Piney Point, MD, and Salisbury, MD on August 26 (morning)
 - Andrews AFB, MD, Baltimore, MD, and Dumfries, VA on August 26 (afternoon)
 - Linden, NJ is scheduled to shut down by 6 PM today (August 27)
 - Other terminals are expected to remain open
- According to trade press, ExxonMobil will close its East Providence, RI terminal by 1:00 am August 28 and Motiva Enterprises suspended all gasoline sales at its Providence, RI terminal on August 26.
- Trade press reported yesterday (August 26) that sections of the Buckeye petroleum product pipeline in NY, NJ, and PA will be shut this weekend due to a lack of supplies.
- Trade press stated that Colonial Pipeline closed its customer delivery terminals in NC, VA, MD, NJ, and NY on August 26 in preparation for Hurricane Irene.
- According to trade press, Kinder Morgan announced August 26 it is in the process of shutting down its petroleum terminals in Staten Island, NY and Cateret, NJ in preparation for Hurricane Irene to make landfall.
- **The U.S. Coast Guard has shut all ports in North Carolina and Virginia.**

Restoration Activities:

- Progress Energy Carolinas is tripling its crews to speed restoration. About 660 additional line personnel and more than 100 additional tree cutters will arrive from other Progress Energy locations.
- Dominion Virginia Power and Dominion North Carolina Power have over 5,000 line workers from six States arriving to assist Dominion crews in the restoration.
- Pepco, serving D.C. and Maryland, has mobilized 1,000 personnel, including crews from as far away as Ohio Pennsylvania.
- In anticipation of Hurricane Irene, PJM is monitoring for the potential for individual nuclear units in its territory to be affected by high winds or high water levels. PJM is the regional transmission organization (RTO) that coordinates the movement of wholesale electricity in 13 States (including Delaware, Maryland, New Jersey, North Carolina, Pennsylvania, and Virginia) and the District of Columbia. PJM anticipates power reserves to be ample but if Irene causes units in its territory to reduce output the situation could change.
- National Grid, servicing customers in Massachusetts, New Hampshire, New York and Rhode Island, has activated its storm emergency plan bringing in extra crews, pre-staging crews and materials, and identifying flood-prone areas.
- Severe Weather Procedures have been initiated in New Jersey by Exelon/Amergen and in New York by Entergy.

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