



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

Hurricane Irene Situation Report #1

August 26, 2011 (3:00 PM EDT)

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

Highlights:

- Hurricane Irene, which made landfall along the east coast of Puerto Rico as a Category 1 hurricane on Monday August 22nd, is now a Category 2 hurricane off the Carolina coast. As of 2:00 pm August 26, the National Hurricane Center (NHC) reports Hurricane Irene has maximum sustained winds of 100 mph. The storm's eye is located 300 miles south-southwest of Cape Hatteras, NC, and is moving north at 14 mph. Tropical storm forces winds extend outward up to 290 miles from Irene's eye. Some rain bands are already affecting the coast of South and North Carolina and the core of Irene is forecast to approach the North Carolina coast tonight.

Electricity Outages by State

Table with 3 columns: Impacted State, Electric Customer Outages, % of State Customers Without Power. Rows include North Carolina (2,379 outages, < 1% power loss), South Carolina (3,940 outages, < 1% power loss), and a TOTAL row (6,319 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 1:00 pm EDT August 26, the impacted States report a total of 6,319 customers without power. Preparation and restoration efforts by electric utilities are reported below.
As of August 26, the following States have declared a State of Emergency: Connecticut, Delaware, District of Columbia, Maryland, New Jersey, New York, North Carolina 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, the Region IV RRCC in Atlanta, GA.

Petroleum & Gas Information:

- As of 2:00 pm August 26th, the petroleum refineries in Delaware, Pennsylvania, and New Jersey are all currently operating. The refineries are monitoring Irene's path and are taking precautionary measures in advance of the storm.
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) were 18 percent

William N. Bryan | Deputy Assistant Secretary | ISER | Department of Energy | (W) 202-586-7517 (C) 202-657-1334



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

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.

- According to trade press, Magellan Midstream Partners suspended operations on August 26 at its petroleum terminals in Selma, NC and Richmond, VA in preparation for the arrival of Hurricane Irene.
- 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.

## Restoration Activities:

- Georgia Power expects scattered outages in Savannah and southeast Georgia when Hurricane Irene passes.
- South Carolina Electric and Gas is ensuring crews are ready to respond to power outages from sustained wind gusts and heavy rains.
- Progress Energy Carolinas stated that it has agreements in place to bring in additional crews from neighboring utilities and states to speed restoration.
- Dominion Virginia Power and Dominion North Carolina Power are readying repair crews and preparing equipment for emergency restoration work over the next several days.
- The Northern Virginia Electric Cooperative crews are assembling necessary equipment, supplies, and utility trucks.
- Rappahannock Electric Cooperative, serving 22 Virginia counties, has arranged mutual aid to assist in power restoration as quickly and safely as possible.
- Pepco, serving D.C. and Maryland, has received 150 personnel from First Energy in Ohio and secured 340 on call utility contractors.
- Baltimore Gas and Electric Company (BGE), servicing Maryland, is pre-mobilizing several hundred linemen and support staff from outside of BGE's service area to supplement its resources.
- Atlantic City Electric, serving New Jersey, is keeping utility contractors on call and has secured tree crews from Asplundh. The utility is continuing to participate on Mid-Atlantic Mutual Assistance and Southeastern Electric Exchange conference calls with other utilities to request additional field crew assistance as needed.
- Public Service Electric and Gas Company, servicing New Jersey, is ensuring that additional supplies, such as poles and pole-top equipment, are on hand to promptly respond and restore service should the storm result in outages.