



**Final Hurricane Matthew Situation Report  
October 14, 2016 12:00pm**

*This will be the final situation report for Hurricane Matthew.*

**OVERVIEW**

Following Hurricane Matthew, flooding continues across eastern North Carolina. River flooding will continue in portions of North and South Carolina through the weekend and into early next week; however most rivers are near or past the crest of flooding. While flooding impeded initial efforts in many hard-hit areas, restoration continue throughout the region and crews have made significant progress.

**IMPACTS AND PREPARATIONS FOR HURRICANE MATTHEW**

**ELECTRICITY:**

Restoration efforts from Hurricane Matthew continue across the southeastern U.S. Atlantic coastline and significant progress has been made over the past few days. Nearly all customers impacted by Hurricane Matthew in Florida, Georgia, and Virginia have been restored. In North Carolina and South Carolina, substantial restoration has occurred; however severe flooding hindered initial restoration efforts. In communities with continued flooding, which may last several more days, restoration crews will be unable to access electrical lines and equipment until waters recede. Those areas include: Clinton, Goldsboro, Kinston and Lumberton in North Carolina; and Florence, Hartsville and Marion in South Carolina. For some customers in areas with major flooding, it may be over a week before crews can enter the area to restore power. Mutual assistance agreements have worked well and utility crews have arrived from other parts of the country, as well as Canada to assist in the restoration.

| <b>Electricity Outages as of 11:00 AM EDT 10/13/2016</b> |   |   |                                    |
|--|---|---|------------------------------------|
| <b>Impacted State</b>                                    | <b>Current Confirmed Customer Outages</b> | <b>Percent of Confirmed State Customers without Power</b> | <b>24-hr Peak Customer Outages</b> |
| Florida  | 3,526                                     | <1%   | 23,973                             |
| Georgia  | 1,405                                     | <1%   | 10,299                             |
| South Carolina   | 21,244                                    | <1%   | 91,247                             |
| North Carolina   | 16,617                                    | <1%   | 49,442                             |
| Virginia   | 274                                       | <1%   | 6,653                              |
| <b>Total</b>   | <b>43,066</b>                             |   | *                                  |

\*There is no sum of the Peak Customer Outage column because peaks for individual utilities occur at different times; a total would not reflect peak outages.



- Florida
  - As of 11:00 AM EDT, October 14, the State of Florida has 3,526 customer outages. This represents <1% of customers in the state.
    - As of 11:00 AM EDT, October 14, Florida Power and Light Company (FPL) has 1,499 customer outages; however, these outages may not be directly related to Hurricane Matthew.
    - As of 11:00 AM EDT, October 14, Jacksonville Electric Authority has 1,526 customer outages.
    - As of 11:00 AM EDT, October 14, Duke Energy has 373 customer outages; however, these outages may not be directly related to Hurricane Matthew.
  - As of 11:22 AM EDT, October 13, FPL announced that service has been restored to all customers affected by Hurricane Matthew. FPL restored more than 1 million customer interruptions less than 48 hours after the storm exited its service territory.
  - FPL is the third-largest electric utility in the United States, serving more than 4.8 million customer accounts or more than 10 million people across nearly half of the state of Florida.
  - FPL has released restoration crews from service as restoration requests are decreasing and FPL crews are now assisting in other impacted states.
  - Jacksonville Electric Authority (JEA) was in one of the hardest hit areas of Florida. As of 7:00 AM EDT, JEA has more than 500 personnel conducting restoration including 157 JEA linemen, 70 contract lineman, and 344 mutual aid personnel.
  - JEA is reporting that severe tree devastation is causing the restoration process to take longer than expected. JEA is receiving assistance from utilities in Florida and four other states.
  - Duke Energy Florida has restored all customers impacted by Hurricane Matthew as of the afternoon of Tuesday, October 12.
  - Clay Electric concluded its restoration efforts the night of Monday, October 10, having restored power to more than 73,000 members in a three-day period beginning at 6:00 AM EDT on Saturday, October 8. The cooperative has ended its Emergency Operation Plan status and returned to normal operating activities.
- Georgia
  - As of 11:00 AM EDT, October 14, the State of Georgia has 1,405 customer outages as a result of Hurricane Matthew. This represents <1% of customers in the state.
    - As of 11:00 AM EDT, October 14, Georgia Power has 1,096 customer outages.
  - As of 10:30 AM EDT, yesterday October 13, Georgia Power reported power had been restored to over 97% of all affected customers. Over 340,000 customers were impacted by Hurricane Matthew. Approximately 5,000 personnel remain engaged in restoration efforts and are concentrating in the Savannah Area.
  - Large trees caused significant damage in and around Savannah and Georgia Power crews are concentrating their efforts in these affected areas.
  - Georgia Power estimates that damage from Hurricane Matthew included:
    - Approximately 1,000 power poles broken or damaged.
    - Nearly 80 miles of wire needing to be replaced.
    - More than 1,800 fallen trees causing damage to electrical equipment.

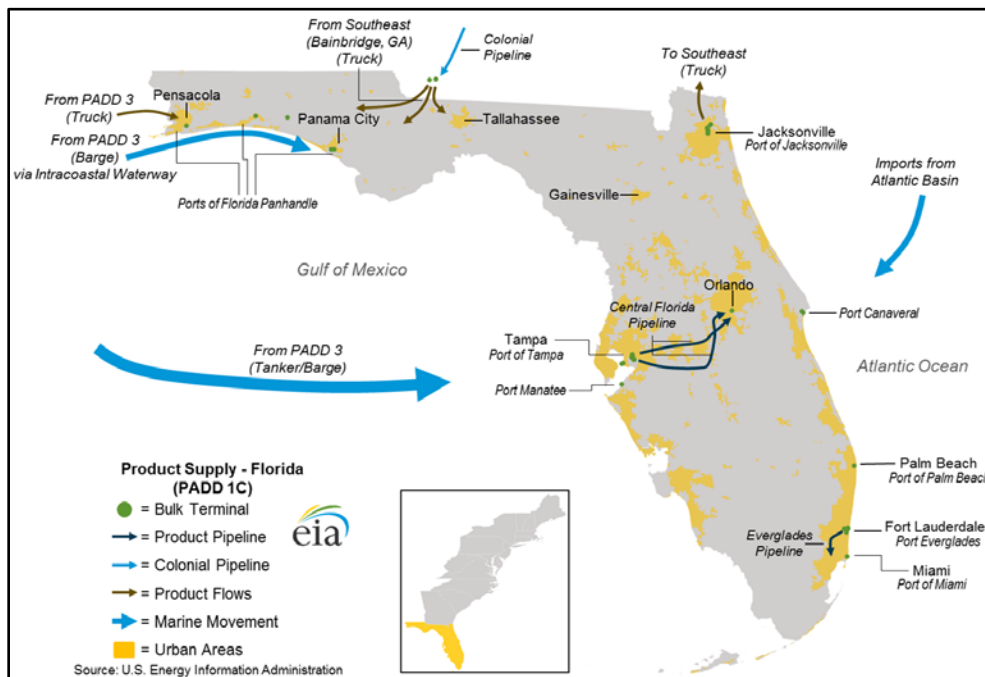
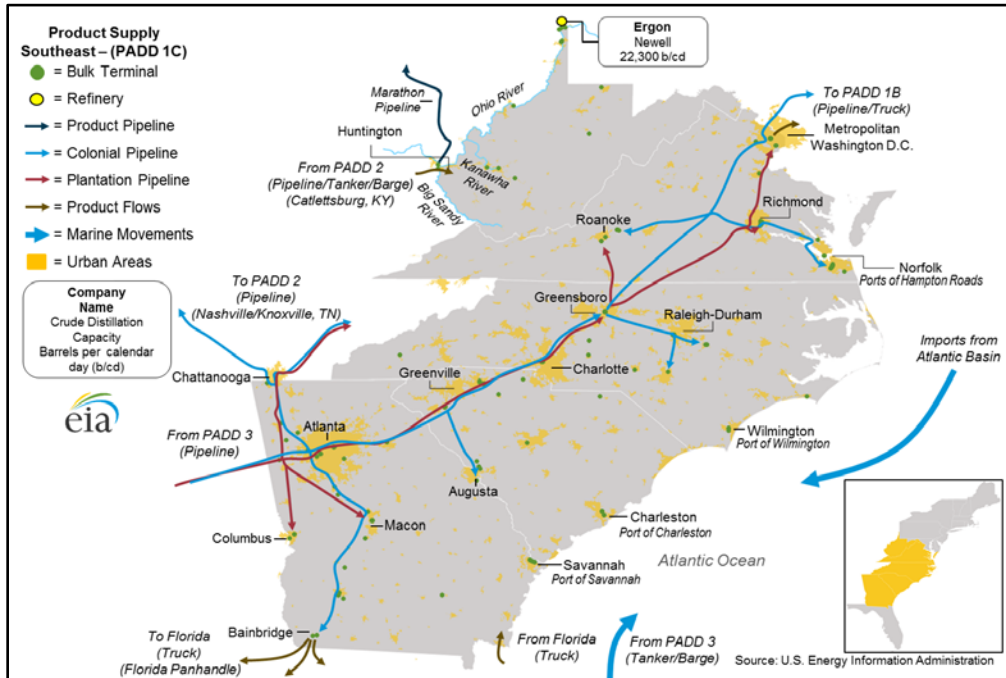


- South Carolina
  - As of 11:00 AM EDT, October 14, the State of South Carolina has 21,244 customer outages as a result of Hurricane Matthew. This represents <1% of customers in the state.
    - As of 11:00 AM EDT, October 14, Duke Energy has 14,890 customer outages.
    - As of 11:00 AM EDT, October 14, South Carolina Electric and Gas (SCE&G) has 5,135 customer outages.
    - As of 11:00 AM EDT, October 14, Santee Cooper has 1,219 customer outages.
  - At its peak, 680,000 Duke Energy customers in North and South Carolina were without power.
    - According to the National Oceanic and Atmospheric Administration, flood waters in the hardest hit communities might not drop below flood stage for several days. Power restoration crews will be unable to access electrical lines and equipment until flood waters recede. Those areas include: Clinton, Goldsboro, Kinston and Lumberton in North Carolina; and Florence, Hartsville and Marion in South Carolina.
    - Duke Energy has over 10,000 crewmembers making repairs. Additional crews have come from as far away as Canada.
    - Duke Energy has identified more than 115 substations that were impacted by flooding. As of the morning of Wednesday, October 12, approximately 98 have been restored.
    - Duke Energy contacted the Southeastern Electric Exchange and other utilities and related services to bring in roughly 6,000 personnel.
  - As of 8:45 AM EDT, October 14, SCE&G crews have restored power to 99% of customers impacted by Hurricane Matthew from a peak of 290,000. SCE&G expects substantial restoration to be complete by 11:45 PM EDT, October 16.
  - In all service territories, some homes and businesses may not be able to receive power due to damage from flooding until they are repaired and inspected.
- North Carolina
  - As of 11:00 AM EDT, October 14, the State of North Carolina has 16,617 customer outages as a result of Hurricane Matthew. This represents <1% of customers in the state.
    - As of 11:00 AM EDT, October 14, Duke Energy has 14,063 customer outages.
  - North Carolina's 26 electric cooperatives collectively serve approximately 2.5 million people in 93 of the state's 100 counties.
  - At its peak, 680,000 Duke Energy customers in North and South Carolina were without power.
    - According to the National Oceanic and Atmospheric Administration, flood waters in the hardest hit communities might not drop below flood stage for several days. Power restoration crews will be unable to access electrical lines and equipment until flood waters recede. Those areas include: Clinton, Goldsboro, Kinston and Lumberton in North Carolina; and Florence, Hartsville and Marion in South Carolina.
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- Virginia
  - As of 11:00 AM EDT, October 14, the Commonwealth of Virginia has 274 customer outages. This represents <1% of customers in the Commonwealth.
    - As of 11:00 AM EDT, October 14, Dominion Power has 237 customer outages.

**PETROLEUM INFORMATION:**





**PETROLEUM PORTS:**

- The table below lists the status of ports that receive petroleum products and their 2013 average receipts of transportation fuels (gasoline, distillates, and jet fuel).

| <b>Table 2. Status of U.S. Southeast Petroleum Ports as of 03:00 pm EDT 10/08/2016</b> |   |                            |                   |
|--|---|----------------------------|-------------------|
| <b>Port Sector</b>   | <b>Fuel Receipts*<br/>(barrels/day)</b> | <b>Status</b>              | <b>Date Stamp</b> |
| <b>Sector Miami</b>  |   |                            |                   |
| Port Everglades  | 236,000                                 | Open with no restrictions  | 10/07/2016        |
| Miami  | 1,500                                   | Open with no restrictions  | 10/07/2016        |
| Palm Beach   | 500                                     | Open with no restrictions  | 10/07/2016        |
| <b>Sector St. Petersburg</b>   |   |                            |                   |
| Tampa  | 273,700                                 | Open with no restrictions  | 10/07/2016        |
| Port Manatee   | 700                                     | Open with no restrictions  | 10/07/2016        |
| <b>Sector Jacksonville</b>   |   |                            |                   |
| Jacksonville   | 69,800                                  | Open with no restrictions  | 10/08/2016        |
| Canaveral  | 32,000                                  | Open with no restrictions  | 10/08/2016        |
| <b>Sector Savannah</b>   |   |                            |                   |
| Savannah   | 12,600                                  | Open with no restrictions. | 10/13/2016        |
| <b>Sector Charleston</b>   |   |                            |                   |
| Charleston   | 16,500                                  | Open with no restrictions  | 10/11/2016        |
| <b>Sector North Carolina</b>   |   |                            |                   |
| Wilmington   | 11,500                                  | Open with no restrictions  | 10/11/2016        |
| <b>Hampton Roads</b>   |   |                            |                   |
| Hampton Roads  | 7,400                                   | Open with no restrictions  | 10/11/2016        |

\*2013 annual average of imports and domestic receipts. Includes gasoline, distillates, and jet fuel.

Source: U.S. Coast Guard; U.S. Energy Information Administration,  
*PADDs 1 and 3 Transportation Fuels Markets* (January 2016)

**STATE WAIVERS:**

- Six states have active emergency declarations in order to waive Hours of Service (HOS) regulations for truck drivers delivering transportation fuels or other essential resources for emergency response. Table 4 lists the status of state emergency declarations.

| <b>Table 4. State Emergency Declarations and Hours of Service (HOS) Waivers as of 03:00 pm EDT 10/08/2016</b> |   |                        |            |               |
|---|---|------------------------|------------|---------------|
| <b>State</b>  | <b>Resources Cited</b>  | <b>Effective Dates</b> |            | <b>Status</b> |
|   |   | <b>Start</b>           | <b>End</b> |               |
| Florida   | Emergency services or supplies.   | 10/10/2016             | 10/14/2016 | Active        |
| Georgia   | Resources to assist in preparation, response, and recovery activities.  | 10/05/2016             | 10/12/2016 | Active        |
| South Carolina  | Essential services during or immediately following the event.   | 10/04/2016             | TBD        | Active        |
| North Carolina  | Fuel oil, diesel oil, gasoline, kerosene, propane, liquid petroleum gas.  | 10/03/2016             | 11/02/2016 | Active        |
| Virginia  | Essential relief supplies, passengers, equipment, fuel, construction materials, and other critical supplies to or from any portion of the Commonwealth for purpose of providing direct relief or assistance as a result of this disaster. | 10/06/2016             | 11/06/2016 | Active        |
| Kentucky  | Utility power restoration and debris removal vehicles as well as commercial vehicles transporting relief supplies.  | 10/07/2016             | 11/07/2016 | Active        |

Sources: U.S. Department of Transportation; Governor Office Websites.