

**OFFICE OF ENERGY ASSURANCE
U.S. DEPARTMENT OF ENERGY
Hurricane Charley Situation Report:
August 14, 2004 (0800 EDT)**

HIGHLIGHTS

- DOE’s Office of Energy Assurance (OEA) is supporting ESF-12 function at the Regional Operations Center in Atlanta, GA.
- OEA will support ESF-12 desk at FEMA-HQ in Washington, D.C
- Regions where ROC's are active - 4, 6, 3, 2, 8, 10. Many in support of Region 4.

ENERGY OUTAGES

- Over 1 million reported Customer Outages. Specific utility reports are shown below.

Utility Outage and Recovery Data Available as of 8:00 AM EDT 8/14/04	
FLORIDA	
Jacksonville Electric Authority	Total Customer Outages: 77 (as of 8/14 8:05 am EDT) (Out of 384,892 metered customers)
Progress Energy	Total Customer Outages: 433,580 (as of 5:00 am 8/14) Outages by County: - Highlands 46,124 - Hardee 2,224 - Lake 4,747 - Orange 163,433 - Osceola 21,285 - Polk 49,451 - Seminole 107,308 - Volusia 39,008
Tampa Electric	Outage data not available (Total metered customers: 612,355)
Florida Power and Light	As of 5:30 a.m. 648,000 customers were without power in the following areas: Region/County and number of customer accounts without power: Fort Myers/Naples Region: - Lee 169,000 - Collier 111,000 - Charlotte 84,000 - Hendry 3,000 Sarasota/Bradenton Region: - Sarasota 26,000 - DeSoto 14,000 Northeast Coast: - Volusia 130,000 - Seminole 30,000 - Flagler 29,000 - St. Johns 10,000 - Putnam 2,000 East Coast Region: - Brevard 37,000 Other 3,000 FPL expects these numbers to change as we continue assessments.

UTILITY PREPARATIONS

- **Georgia Power** has committed 225 line crew personnel, engineers and other technical support staff and 175 contractors to help in power restoration efforts. In addition, two storm semi-trucks will transport supplies and equipment to personnel in the field. All crews are scheduled to arrive at staging areas in Brunswick, Kingsland and Savannah by midday Saturday.
- **FPL** has a trained workforce of 10,000 working to begin damage assessment and power restoration. Approximately 6,000 FPL workers will be deployed in the field and 4,000 in support roles. Another 3,500 field personnel are arriving over the weekend from other utilities through mutual aid assistance programs. If needed, FPL expects to be able to secure additional resources as other utilities in the southeast U.S. are able to release workers that aren't needed at home.
- Utilities throughout the Carolinas are beginning to ready crews in anticipation of the storm.
- **Nuclear Regulatory Commission** Update, 8/13/04 - The single-unit, 838-MW Crystal River Nuclear Plant is located near Crystal River, Fla., 90 miles north of Tampa and on the Gulf Coast. The site also includes four coal-fired generating units that generate 2,302 MW. Charles A. Casto, acting Regional Administrator of the agency's Region II office in Atlanta, said the NRC has activated its Atlanta Incident Response Center to monitor and assist Florida's nuclear power plants at Crystal River, St. Lucie, and Turkey Point. He said additional NRC personnel have already been dispatched where needed to the plants and to Florida's Emergency Response Center in Tallahassee.

PETROLEUM INDUSTRY INFORMATION

The U.S. Minerals Management Service (MMS) said on Friday Tropical Storm Bonnie led to a cut in production of nearly 1.26 million barrels of crude oil and more than 4.1 billion cubic feet of natural gas output in the Gulf of Mexico. The lost crude production amounted to more than 23 percent of the 5.39 million barrels of oil the entire U.S. produced in the week ended Aug. 6, according to MMS. The MMS figures include lost production from Tuesday through Friday morning. The MMS survey includes reports to it by 41 companies through Thursday and 10 companies on Friday. According to MMS, the amount of shut production fell on Friday. MMS reported that 18.45 percent of the Gulf's 1.7 million barrels per day (bpd) of crude production was shut, down from 28 percent on Thursday. About 7.4 percent of the Gulf's 12.3 billion cubic feet per day of natural gas production was shut in on Friday, down from 9 percent on Thursday. Reuters13:05, August 13, 2004.

(<http://www.gomr.mms.gov/homepg/whatsnew/newsreal/2004/040813.html>)

Companies including Anadarko, Apache, Marathon, Devon, Shell, Hess, ChevronTexaco and ExxonMobil have all evacuated personnel from some rigs in the Gulf of Mexico, but reports indicate that ExxonMobil was already returning personnel to evacuated rigs Friday afternoon.

No terminal operators plan to close their terminals to truck loadings today, but terminal operators have been told that the Port of Tampa will close this afternoon to waterborne traffic, as per an order from the Coast Guard, so no terminals will be able to receive incoming product deliveries via barge or ship until the port reopens. Hurricane Bonnie has already caused delays in barge deliveries, with reports that at least one terminal in Tampa is currently out of product, the Marathon Ashland terminal, while others are running short on supply. But the disruption to barge operations in the Gulf of Mexico is reaching further, with some East Coast terminal operators also reporting that they are running low on various products due to delays in deliveries via barge. Petroleum marketers and dealers in some areas are bracing for station closures. Some will seek alternate supply from the Taft terminal in Orlando. Stations in Tampa, Clearwater, St. Petersburg, and Ft. Myers, and up north in Holiday and Pasco County are among those that could be affected by the hurricane.

NATIONAL HURRICANE CENTER UPDATE

At 5 am edt...0900z...the hurricane warning is extended northward to the North Carolina/Virginia state line. A hurricane warning is now in effect from north of Altamaha Sound Georgia to the North Carolina/Virginia state line including the Pamlico and Albemarle Sounds.

At 5 am EDT...0900z...the tropical storm warning is extended Northward to Sandy Hook including all of the tidal Potomac...Chesapeake Bay and Delaware Bay. A tropical storm warning is now in effect from the North Carolina/Virginia state line to Sandy Hook including all of the tidal Potomac...Chesapeake and Delaware Bays.

At 5 am est...0900z...a tropical storm watch is issued from north of Sandy Hook to the Merrimack River including New York harbor and Long Island Sound.

At 5 am est...0900z...the hurricane warning is discontinued from Altamaha Sound Georgia southward.

At 5 am edt...0900z...the center of Hurricane Charley was located near latitude 31.2 north...longitude 80.5 west or about 115 miles South-southwest of Charleston South Carolina.

Charley is moving toward the north-northeast near 25 mph. This Motion is expected to continue with an increase in forward speed During the next 24 hours. On this track...Charley will be nearing The South Carolina coast later today.

Maximum sustained winds are near 85 mph with higher gusts mainly to The east of the center. Some strengthening is possible before Landfall. Hurricane force winds extend outward up to 60 miles from the center...and tropical storm force winds extend outward up To 115 miles mainly to the east of the center. Minimum central pressure reported by a reconnaissance plane was 994 mb...29.35 inches.

Storm surge flooding of 6 to 8 ft is expected along portions of the South and North Carolina coasts near and to the east of where the center of Charley crosses the coast. Storm surge flooding of 3 to 5 feet is expected in the remainder of the hurricane warning area. Rainfall totals of 3 to 6 inches are likely along the path of Charley across portions of the eastern United States.

These rains could cause life-threatening flash floods. Isolated tornadoes are possible over portions of coastal South and North Carolina.

STORM TRACK (5:00 AM EDT, 8/14/04)

