

**OFFICE OF ELECTRICITY DELIVERY AND ENERGY RELIABILITY (OE)**  
**U.S. DEPARTMENT OF ENERGY**  
**Hurricane Katrina Situation Report #4**  
**August 27, 2005 (7:00 PM EDT)**

**HIGHLIGHTS**

- Approximately 746,000 customers are reported without power in Florida as of 3:00 PM 8/27/05. Ninety-eight percent of outages are Florida Power & Light (FPL) customers. FPL estimates 90 percent restoration by Tuesday night (8/30).
- The Storm track, which changed overnight, now poses an increased threat to the Gulf of Mexico oil and gas production facilities. DOE's preliminary analyses indicate that approximately 2000 out of 6500 oil and gas platforms may be impacted by the storm. Platforms are being shut in and company personnel evacuated. Refineries are also making hurricane preparations. The Louisiana Offshore Oil Port (LOOP), which delivers approximately one million barrels of crude oil per day, has issued a Phase III evacuation and will close on Sunday.
- The Strategic Petroleum Reserve has issued alert levels at the following storage areas: Bryan Mound and Big Hill - Alert Level 1, West Hackberry - Alert Level 2, and Bayou Choctaw, New Orleans, and Stennis Warehouse - Alert Level 3.
- The current track poses serious concerns for the New Orleans area. New Orleans Mayor Ray Nagin has called for voluntary evacuations, and noted that the Superdome may be used as a shelter for people who do not have transportation to leave the area. Plaquemines Parish has issued a Phase I mandatory evacuation for all of its Parish residents. St. Bernard Parish has issued a "recommended" evacuation for its residents while St. Charles Parish, like Plaquemines, has called for a mandatory evacuation. The States of Louisiana and Mississippi have changed Interstates 55 and 59 to northbound lanes to begin evacuation in the wake of the storm.
- ESF-12 has been activated by the Federal Emergency Management Agency to "support the National Response Coordination Center (NRCC) at FEMA HQ and the Emergency Response Team - National (ERT-N). FEMA Regions IV and VI are fully activated including the State Emergency Operation Centers (EOC) of AL, FL and LA. OE staff have deployed as follows: one to the Alabama EOC, two to the Regional Response Coordination Center (RRCC) in Atlanta, GA and one to the RRCC in Denton, TX.
- As of 5:00 PM 8/27/05 Katrina is a Category Three hurricane with maximum sustained winds near 115 mph and higher gusts. Katrina is moving toward the west near 7 mph and a gradual turn toward the west-northwest is expected during the next 24 hours. The Storm is forecast to strengthen during the next 24 hours and Katrina could become a category four hurricane later tonight or Sunday.
- Current forecasts show the center of the Hurricane striking the Louisiana Gulf Coast mid-day Monday. The latest advisory is available at: <http://www.nhc.noaa.gov/>

## ELECTRICITY INFORMATION

### STATE OUTAGE DATA (8/27/05 3:00 PM)

Utility	Customers w/o Power	Total Customers	% Customers w/o Power from Katrina
Florida	746,800	9,081,958	8%
<b>Total</b>	<b>746,800</b>	<b>9,081,958</b>	<b>8%</b>

## STATE REPORT

### Florida

- Approximately 746,000 customers, 8 percent of customers in the state, are without power. The largest number of outages is in the Florida Power & Light (FPL) service area. Municipals and Cooperatives are reporting 10,000 customer outages combined.
- FPL has assembled a workforce of 14,800 people to restore power, including 9,000 FPL field and support workers and 5,800 out-of-state line workers and tree clearing personnel. However, if Katrina turns back into the state, it may delay some crew arrivals and slow down the restoration process.
- All customers in Palm Beach County who lost power during Katrina should have electricity restored. Preliminary restoration estimates from FPL for remaining hard hit counties (as of 3:00 PM 8/27/05) are:
  - **Miami-Dade County** – 90% of customers restored by late Tuesday night (8/30).
  - **Broward County** – 90% of customers restored by late Tuesday night 8/30.
- Late Friday afternoon, EPA granted supplemental diesel enforcement discretion to additional counties in FL -- Collier and Monroe counties until midnight August 30, 2005; the counties north and west of the Suwannee River until midnight September 2, 2005; and the north central counties of Levy, Gilchrist, Suwannee, Hamilton, and Columbia until midnight September 2, 2005.

## COUNTY OUTAGE DATA

### Florida County Outage Data: (as of 8/27/05 3:00 PM EDT)

County	Customers w/o Power	Total Customers	% Customers w/o Power
Broward	281,200	880,231	32%
Dade	457,400	984,905	46%
Monroe	8,200	60,080	14%