

OFFICE OF ELECTRICITY DELIVERY AND ENERGY RELIABILITY (OE)
U.S. DEPARTMENT OF ENERGY
Hurricane Katrina Situation Report #6
August 28, 2005 (7:00 PM EDT)

HIGHLIGHTS

- At 5:00 PM EDT the center of Hurricane Katrina was about 150 miles south of the mouth of the Mississippi River. Maximum sustained winds are near 165 mph. Hurricane force winds extend 105 miles outwards from the center of the storm. It is expected to make landfall as a category four or five early Monday. Storm surge of 18 to 28 feet above normal tide levels is expected. Some levees in the New Orleans area could be overtopped. Latest NOAA information on the storm track is available at: <http://www.nhc.noaa.gov/>
- U.S. energy companies said U.S. Gulf of Mexico crude oil output was cut by more than one-third on Saturday because of the threatening storm (Reuters).
- The Strategic Petroleum Reserve has shutdown all operations in New Orleans and personnel have evacuated. Operations at Bayou Choctaw have been shut down and personnel evacuated. West Hackberry, Bill Hill, and Bryan Mound remain operational. A storm watch team is currently at the Stennis site.
- The Storm's current track poses a significant 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 shut in and company personnel have been evacuated.
- The following refineries (in the path of the Hurricane) have shut down (capacity shown in barrels a day): Motiva Convent - 255,000 , Murphy Mureaux - 125,000, Conoco Bell Chase - 254,000, Marathon Garryville - 235,000, Exxon Chalmette - 183,000, Valero Norco - 155,000, Exxon Baton Rouge - 494,000, and Chevron Pascagoula (MS) - 325,000.
- Shell has shutdown its crude oil pipeline.
- 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 has deployed staff to the following areas: one to the Alabama EOC, one to Mississippi EOC, three at the Regional Response Coordination Center (RRCC) in Atlanta, GA and one is at the RRCC in Denton, TX. OE staff will deploy to LA on Tuesday.

ELECTRICITY INFORMATION

STATE OUTAGE DATA (8/28/05 3:00 PM)

Utility	Customers w/o Power	Total Customers	% Customers w/o Power from Katrina
Florida	495,200	9,081,958	5%
Total	495,200	9,081,958	5%

Does not include municipals and cooperatives which have <4000 outages.

STATE REPORT

Florida

- Approximately 495,200 Florida Power and Light customers remain without power. FPL represents the vast majority of outages from Katrina. Data from municipals and cooperatives were not available for this report, however, their outages were less than 4,000 as of 8/28/05 AM.
- Preliminary restoration estimates from FPL (as of 3:00 PM 8/28/05) 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.

COUNTY OUTAGE DATA

Florida County Outage Data: (As of 8/28/05 3:00 PM EDT)

County	Customers w/o Power	Total Customers	% Customers w/o Power
Broward	162,800	880,231	18%
Dade	332,400	984,905	34%

Does not include municipals and cooperatives which have <4000 outages.