

**OFFICE OF ELECTRICITY DELIVERY AND ENERGY RELIABILITY (OE)
U.S. DEPARTMENT OF ENERGY
Gulf Coast Hurricanes Situation Report #30
October 30, 2005 (10:00 AM EST)**

HIGHLIGHTS

- There are 1,066,926 customers without power in Florida as of 7:00 AM EST 10/30 due to Hurricane Wilma, down from a peak of about 3.6 million customers. Currently, about 12 percent of the customers are without power in the state.
- After six days of restoration efforts, Florida Power and Light has (FPL) has restored electric service to 2.2 million customers, 69 percent of customers that lost power due to Wilma. There are 1,036,600 FPL customers still without power.
- FPL will work on main lines over the next few days which will return service to large numbers of customers. This will be followed by restoration on smaller lines and equipment where extensive repair work is expected.
- FPL reported that in five of the ten counties that still have outages, less than 10% of FPL customers remain without power. Large numbers of customers remain without power in three counties: Broward (384,800), Miami-Dade (276,300) and Palm Beach (317,700) as of 6 AM 10/30. Estimates of restoration completion are available on the FPL website: http://www.fpl.com/storm/contents/wilma_etr.shtml
- FPL estimates that approximately 14,000 power poles were damaged by Wilma – more than the sum total of those replaced after the 2004 hurricanes Charley, Frances and Jeanne combined.
- BP has implemented a \$30 maximum purchase limit at its company-owned retail outlets in South Florida to reduce congestion and wait times at the pump.
- Shell and Motiva report that approximately 130 Shell-branded gasoline stations in South Florida are open for business. Nearly 225 gasoline deliveries were made to open stations on Thursday and Friday.
- DOE staff are no longer at the Regional Response Coordination Center (RRCC) in Atlanta, Georgia, pursuant to Hurricane Wilma. Staff are now positioned at the Joint Field Office in the Orlando, FL. DOE staff remain at the New Orleans Area Field Office and Joint Field Office in Baton Rouge.

ELECTRICITY INFORMATION

STATE REPORTS

Florida

- As of 7:00 AM EST 10/30, there are 1,066,926 customers without power in Florida due to Hurricane Wilma.

Florida Power & Light Outage Data: Hard Hit Counties*

County	Customers w/o Power	Total Customers Restored	Total Customers Affected	% Customers Restored
Broward	384,800	478,000	862,800	55%
Collier	11,800	157,800	169,600	93%
Hendry	1,400	7,100	8,500	84%
Indian River	3,300	38,300	41,600	92%
Lee	16,300	178,600	194,900	92%
Martin	13,800	70,800	84,600	84%
Miami-Dade	276,300	680,200	956,500	71%
Okeechobee	1,400	14,500	15,900	91%
Palm Beach	317,700	345,800	663,500	52%
St. Lucie	9,800	93,100	102,900	90%

* Data is from 7:00 AM 10/30 FL EOC report.

Florida Utility Outage Data: Hard Hit Utilities*

County	Customers w/o Power	Total Customers	% Customers w/o Power
Florida Power & Light	1,036,600	4,343,095	24%
Municipals	27,400	1,268,280	2%
Cooperatives	2,926	949,925	<1%
Total Customers includes companies with low number of outages not included in Table	1,066,926	9,138,533	12%

*Data is from 7:00 AM 10/30 FL EOC report. Total shown for Total Customers column represents all customers in the state.

ESTIMATED RESTORATION DATES – HURRICANE WILMA

County	Florida Power & Light	Municipal Utilities	Cooperative Utilities
Broward	W. & S. of I-75 – Nov. 15. N. of I-595 & W. of University – Nov. 15. All others areas – Nov. 22.		Nov. 13 – Midnight
Charlotte			Oct. 30 – Midnight
Collier	E. & N. of I-75 – Nov. 10 All other areas – Nov. 8		Nov. 15 – Midnight
Dade – North of Kendall Drive	N. of SW 8 th St – Nov. 22 – Between SW 8 th . & SW 88 th . – Nov. 15.	Oct. 31 – Midnight	
Dade – South of Kendall Drive	Miami Beach, South of 79 th St. – Nov. 15. All areas S. of SW 88 th St. – Nov. 8	Oct. 31 - Midnight	

County	Florida Power & Light	Municipal Utilities	Cooperative Utilities
Glades	Nov. 8 – Midnight	Oct. 31 – Midnight	Nov. 1 – Midnight
Hendry	Nov. 10 – Midnight	Oct. 31 – Midnight	Nov. 15 – Midnight
Highlands	Nov. 8 – Midnight		Oct. 30 – Midnight
Indian River	N. of SR 60 – Nov. 4. S. of SR 60 – Nov. 8.	Oct. 29 - Midnight	
Lee	Area E. of I-75 – Nov. 10 All other areas – Nov. 8		Nov. 15 – Midnight
Martin	E. of the turn pike – Nov 12 W. of turn pike – Nov. 15		
Monroe		Oct. 31 – Midnight	Oct. 28 – Midnight
Okeechobee	Nov 8, Midnight		Oct 29, Midnight
Palm Beach	Areas north of PGA Blvd. by November 12. Area east of I-95 between PGA Blvd and Lake Worth Road by November 15. All remaining areas of Palm Beach County by November 22.	Nov. 20 – Midnight	
St. Lucie	Areas N. of SR 70 – Nov. 8 Areas S. of SR 70 – Nov. 12 Remainder by Nov. 15	Oct. 31 – Midnight	

Source: Florida EOC ESF-12 10/28 5:00 PM EDT

Louisiana

- See Entergy's web site for restoration progress by neighborhood in New Orleans: http://www.entergy-neworleans.com/content/corp/emergencyctr/NOLA_electric_detail_content.asp

OIL AND GAS INFORMATION

- According to MMS (10/28), 1,017,551 barrels of oil per day are shut-in, which equates to 67.84 percent of the normal daily oil production in the Gulf. Shut-in gas production is 5.504 billion cubic feet per day. This shut-in gas production is equivalent to 55.04 percent of the normal daily gas production in the Gulf. Evacuations are equivalent to 27.35 percent of 819 manned platforms and 4.48 percent of 134 rigs currently operating in the Gulf. For further information see MMS web site at www.mms.gov. MMS will issue its next report on October 31.

Damage to GOM Oil & Gas Infrastructure

Ivan vs. Katrina vs. Rita

	Rita	Katrina	Ivan
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Platforms Destroyed	66	47	7
Platforms Extensive Damage	32	20	20
Rigs Adrift	13	6	5
Rigs Extensive Damage	10	9	4
Rigs Destroyed	4	4	1
Rigs Unaccounted For	2 (Missing / Allegedly Sunk - Added in With Destroyed)	0	0
Number of Pipelines Damaged	28	70	102
Shut-in Production High	26-Sep	30-Aug	16-Sep
Gas (BCF)	8.623	9.418	6.515
Oil (bbls)	1,564,679	1,557,981	1,410,002
Cumulative (To Date)	<i>Combined Rita / Katrina</i> 8/26/05 - 10/28/05		9/13/04 - 02/14/05
Gas (BCF)	<i>Combined Rita / Katrina</i> 364.720		172.259
Oil (bbls)	<i>Combined Rita / Katrina</i> 71,613,334		43,841,245
Evacuation Highs			
Platforms	754	660	575
Rigs	107	89	69
Platforms in the Path	1600	1300	150

Source: US MMS October 28 2005.

- According to the Louisiana Department of Natural Resources on Oct. 28, onshore crude oil production in southern Louisiana has reached 73,084 barrels per day, or 36 percent of the region's capacity; natural gas production of 912 million cubic feet, or 40.8 percent of daily capacity in 38 southern Louisiana parishes, has been restored. Of the 55 intrastate pipelines operating in southern Louisiana, seven have reopened, 32 are shut in, 16 are partly shut in.
- The U.S. Coast Guard reported that cleanup efforts continue at the following facilities: Chevron Empire Terminal in Buras, La.; Sundown East and Sundown West, both in Potash, La.; Bass Enterprises Production Company Cox Bay facility at mile marker 35 on the Mississippi River; Bass Enterprises Production Company in Pointe a la Hache, La.; Dynegy Venice in Venice, La.; Murphy Oil in Meraux, La.; Shell Pilot Town in Pilottown, La.; and Shell Nairn in Port Sulphur, La. The table below summarizes Louisiana's post-hurricane pollution recovery response:

Major spills (classified as 100,000 gallons or more)	6
Medium spills (classified as 10,000 gallons or more)	3
Minor spills	133
Volume spilled	8 million gallons
Volume recovered	3.5 million gallons
Volume evaporated	2 million gallons
Volume naturally dispersed:	2 million gallons

Volume remaining to be recovered:	0.5 million gallons
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- There is no change to the status of the refineries impacted by Hurricane Rita. The next update will occur on October 31.
- Updates to the natural gas pipeline table will be made on October 31.