

**OFFICE OF ELECTRICITY DELIVERY AND ENERGY RELIABILITY (OE)**  
**U.S. DEPARTMENT OF ENERGY**  
**Gulf Coast Hurricanes Situation Report #29**  
**October 29, 2005 (10:00 AM EDT)**

**HIGHLIGHTS**

- There are 1,430,707 customers without power in Florida as of 7:00 AM EDT 10/29 due to Hurricane Wilma. This represents about 16 percent of the customers in the state.
- As of 6 AM 10/29, Florida Power and Light (FPL) has restored electric service to 1.8 million customers or 57% of customers left without power by Hurricane Wilma.
- FPL expects to have more than 17,000 workers from FPL and partner restoration specialists from 33 states and Canada by late 10/29. FPL estimates that most areas will have service restored within the next one to two weeks. Hard hit areas in Broward, north Miami-Dade, and south Palm Beach counties are expected to take two to three weeks. See table for estimated restoration dates by area. According to FPL, these estimates represent the latest date that all customers will get electric service back; the majority of customers will have power restored well before these estimated dates. FPL has completed restoration of all customers in 11 Florida counties: Brevard, Charlotte, DeSoto, Flagler, Glades, Highlands, Manatee, Putnam, Sarasota, Seminole and Volusia.
- 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.
- ExxonMobil reports that it has 112 branded gasoline stations open and with fuel in the Tampa and South Florida areas. Due to high demand in these areas, some stores may be out of fuel for short periods.
- Shell and Motiva report that approximately 100 Shell-branded gasoline stations in South Florida are open for business and this number continues to increase. Electric power is being restored to sites and backup generators are also being utilized to expedite restoration efforts. Police have been escorting tanker trucks to ensure deliveries are made in a safe and orderly manner.
- 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 EDT 10/29, there are 1,430,707 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	508,000	354,800	862,800	42%
Collier	20,000	149,600	169,600	89%
Dade	370,800	585,700	956,500	62%
Hendry	2,000	6,500	8,500	76%
Indian River	6,300	35,300	41,600	86%
Lee	30,800	164,100	194,900	85%
Martin	18,600	66,000	84,600	78%
Okeechobee	5,200	10,700	15,900	72%
Palm Beach	415,300	248,200	663,500	39%
St. Lucie	15,800	87,100	102,900	85%

\* Data is from 7:00 AM 10/29 FL EOC report.

**Florida Utility Outage Data: Hard Hit Utilities\***

County	Customers w/o Power	Total Customers	% Customers w/o Power
Florida Power & Light	1,392,800	4,343,095	32%
Municipals	32,190	1,268,280	3%
Cooperatives	5,717	949,925	1%
<b>*“Total Customers” includes companies with low number of outages not included in Table</b>	<b>1,430,707</b>	<b>9,138,533</b>	<b>16%</b>

\*Data is from 7:00 AM 10/29 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 <sup>th</sup> St – Nov. 22 – Between SW 8 <sup>th</sup> . & SW 88 <sup>th</sup> . – Nov. 15.	Oct. 31 – Midnight	

<b>County</b>	<b>Florida Power &amp; Light</b>	<b>Municipal Utilities</b>	<b>Cooperative Utilities</b>
Dade – South of Kendall Drive	Miami Beach, South of 79 <sup>th</sup> St. – Nov. 15. All areas S. of SW 88 <sup>th</sup> St. – Nov. 8	Oct. 31 - Midnight	
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](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](http://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
<b>Platforms Destroyed</b>	66	47	7
<b>Platforms Extensive Damage</b>	32	20	20
<b>Rigs Adrift</b>	13	6	5
<b>Rigs Extensive Damage</b>	10	9	4
<b>Rigs Destroyed</b>	4	4	1
<b>Rigs Unaccounted For</b>	2 (Missing / Allegedly Sunk - Added in With Destroyed)		0
<b>Number of Pipelines Damaged</b>	28	70	102
<b>Shut-in Production High</b>	26-Sep	30-Aug	16-Sep
<b>Gas (BCF)</b>	8.623	9.418	6.515
<b>Oil (bbls)</b>	1,564,679	1,557,981	1,410,002
<b>Cumulative (To Date)</b>	<i>Combined Rita / Katrina</i> 8/26/05 - 10/28/05		9/13/04 - 02/14/05
<b>Gas (BCF)</b>	<i>Combined Rita / Katrina</i> 364.720		172.259
<b>Oil (bbls)</b>	<i>Combined Rita / Katrina</i> 71,613,334		43,841,245
<b>Evacuation Highs</b>			
<b>Platforms</b>	754	660	575
<b>Rigs</b>	107	89	69
<b>Platforms in the Path</b>	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.
- 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.