

**OFFICE OF ENERGY ASSURANCE  
U.S. DEPARTMENT OF ENERGY  
Hurricane Frances / Hurricane Ivan Situation Report  
September 13, 2004 (11:00 AM EDT)**

**HIGHLIGHTS**

- Florida utilities continue to make steady progress in restoring power after Hurricane Frances. Currently, 217,747 Florida electricity customers (4%) remain without power. (9/13/04 8:00 AM EDT) Florida officials continue to express concerns that captains of vessels containing gasoline may not risk landing in Florida due to Hurricane Ivan's path, and they indicate some shortages exist on the western side of the State near the Tampa area.
- At 11:00AM EDT 9/13 Ivan remains an extremely dangerous category 5 storm heading toward western Cuba and the Yucatan Channel. A tropical storm watch remains in effect for the Florida Keys from the seven mile bridge westward to the dry Tortugas. AT 11 AM EDT the center of Hurricane Ivan was located about 85 miles south-southeast of the western tip of Cuba moving toward the northwest near 8 MPH. Maximum sustained winds are near 160 MPH. Hurricane winds extend outward up to 105 miles from the center and tropical storm force winds extend outward up to 205 miles. Based on the current track the U.S. mainland would begin to feel the effects of the storm Wednesday afternoon 9/15. An image of the current storm path is available at:  
<http://www.nhc.noaa.gov/ftp/graphics/AT09/refresh/AL0904W+GIF/120853W.gif>
- Florida utilities continue to make steady progress in restoring power after Hurricane Frances. Currently, 217,747 Florida electricity customers (4%) remain without power. (9/13/04 8:00 AM EDT)
- Off shore platforms (oil and gas rigs) have evacuated non-essential personnel in the eastern Gulf of Mexico. Refiners and petrochemical companies in the Gulf are currently tracking the path of Ivan. It should be noted that refiners and petrochemical companies have years of experience in dealing with hurricanes and have detailed plans in place on how to respond. Coastal refineries typically carry significant amounts of crude oil and petroleum products, called "hurricane heel," in their tanks to withstand severe flooding and wind. Extra inventory in the tanks helps them continue operations after the storm in the event of supply curtailments and deliveries. Refiners look at the probability that a storm will impact their facilities and normally will begin the process of shutting down about 2-3 days before predicted landfall.

**ELECTRIC INFORMATION [Report based on Florida EOC information 9/13/04 8:00 AM EDT]**

- Florida Power and Light (FPL) reports that 191,800 of its customers (5%) remain without power.

- Progress Energy Florida reports that they have restored power to all of their customers.
- Tampa Electric Company reports that they have restored power to all of their customers.
- Municipal utilities report a total of 19,450 customers (2%) without power.
- Cooperative utilities report a total of 6,497 customers (1%) without power.
- See attached table for restoration estimates by county and utility.

## OIL AND GAS INFORMATION

- See above.

**Table 1. COUNTY OUTAGE DATA –  
Data shown in the Table are as of 9/13/04 (8:00 AM EDT)**

County	Customers w/o Power	Total Customers	% Customers w/o Power
Alachua	3,502	113,439	3%
Brevard	44,802	269,477	17%
Duval	3,530	416,524	1%
Indian River	18,500	76,144	24%
Marion	4,189	163,629	3%
Martin	12,000	84,700	14%
Okeechobee	6,700	21,300	31%
Palm Beach	72,400	693,500	10%
Putnam	5,243	43,279	12%
Seminole	1,900	194,551	1%
St. Johns	2,700	61,779	4%
St. Lucie	28,500	121,600	23%
Volusia	10,900	256,696	4%

*Note: This table does not display county outages with less than 1,000 customers or 5% of the customer base.*

**Table 2 Estimated Restoration Dates  
(Report based on Florida EOC information 9/12/04 8:00 AM EDT)**

<b>COUNTY</b>	<b>PROGRESS ENERGY</b>	<b>FP&amp;L</b>	<b>TECO</b>	<b>MUNICIPAL UTILITIES</b>	<b>COOPERATIVE UTILITIES</b>
<b>Alachua</b>	Complete	Midnight - 9/15		Midnight – 9/12	Midnight – 9/13
<b>Baker</b>		Midnight - 9/15			Complete
<b>Bradford</b>		Midnight - 9/15		Complete	Midnight – 9/13
<b>Brevard</b>		Midnight - 9/16 for North 9/18 for South		No ETR	Complete (except flooded areas)
<b>Broward</b>		Complete			
<b>Calhoun</b>				Complete	Complete
<b>Charlotte</b>		Complete			
<b>Citrus</b>	Complete				Complete
<b>Clay</b>		Complete			Midnight – 9/13
<b>Collier</b>		Complete			Complete
<b>Columbia</b>	Complete	Midnight - 9/15			Midnight – 9/13
<b>Dade</b>		Complete		Complete	
<b>DeSoto</b>		Complete			Complete (except flooded areas)
<b>Dixie</b>	Complete				Midnight – 9/13
<b>Duval</b>				Midnight – 9/12	Complete
<b>Flagler</b>		Midnight - 9/16			
<b>Gadsden</b>				Complete	Complete
<b>Gilchrist</b>	Complete				Midnight – 9/13
<b>Glades</b>		Midnight - 9/19		Complete	Complete
<b>Gulf</b>	Complete				
<b>Hamilton</b>	Complete				Complete
<b>Hardee</b>	Complete			Complete	Complete (except flooded areas)
<b>Hendry</b>		Complete		Complete	Complete
<b>Hernando</b>	Complete				Complete
<b>Highlands</b>	Complete	Midnight 9/19			Complete
<b>Hillsborough</b>			Complete		Complete
<b>Holmes</b>					Complete
<b>Indian River</b>		Midnight - 9/19		Midnight – 9/15	Complete
<b>Jackson</b>					Complete
<b>Jefferson</b>	Complete				Complete
<b>Lafayette</b>					Complete
<b>Lake</b>	Complete			Complete	Midnight – 9/13
<b>Lake (Eustis)</b>	Complete			Complete	Midnight – 9/13
<b>Lee</b>		Complete			
<b>Leon</b>				Complete	Complete
<b>Levy</b>	Complete			Complete	Midnight – 9/13
<b>Madison</b>	Complete				Complete
<b>Manatee</b>		Complete			Complete
<b>Marion</b>	Complete			Midnight – 9/15	Midnight – 9/13
<b>Martin</b>		Midnight - 9/19			
<b>Monroe</b>				Complete	

<b>COUNTY</b>	<b>PROGRESS ENERGY</b>	<b>FP&amp;L</b>	<b>TECO</b>	<b>MUNICIPAL UTILITIES</b>	<b>COOPERATIVE UTILITIES</b>
<b>Nassau</b>		Complete			Complete
<b>Okeechobee</b>		Midnight - 9/19			Complete
<b>Orange (East)</b>	Complete			Complete	
<b>Orange (West)</b>	Complete				
<b>Osceola</b>	Complete			Complete	Complete
<b>Palm Beach</b>		Midnight – 9/15 for South 9/17 for North		Midnight – 9/15	Complete
<b>Pasco</b>	Complete		Complete		Complete
<b>Pinellas</b>	Complete				
<b>Polk</b>	Complete		Complete	Complete	Complete
<b>Putnam</b>		Midnight - 9/16			Midnight – 9/13
<b>Sarasota</b>		Complete			Complete
<b>Seminole</b>	Complete	Midnight - 9/16			Complete
<b>St. Johns</b>		Midnight - 9/16		Complete	
<b>St. Lucie</b>		Midnight - 9/19		Midnight – 9/15	
<b>Sumter</b>	Complete			Complete	Complete
<b>Suwanee</b>	Complete	Complete			Complete
<b>Taylor</b>	Complete				Complete
<b>Union</b>		Complete			Midnight – 9/13
<b>Volusia</b>	Complete	Midnight - 9/16		Complete	Midnight – 9/13
<b>Wakulla</b>	Complete				Complete
<b>Washington</b>					Complete

*Does not include counties not affected including: Bay, Escambia, Franklin, Liberty, Okaloosa, Santa Rosa, and Walton*

*\* Estimated Time of Restoration (ETR) Blank cell indicates County not applicable.*