

**OFFICE OF ENERGY ASSURANCE
U.S. DEPARTMENT OF ENERGY
Hurricane Ivan/TS Frances Follow-Up Situation Report
September 15, 2004 (10:00 AM EDT)**

HIGHLIGHTS

- As of 7:00 AM 9/15 Hurricane Ivan has maximum sustained winds near 140 mph and is still a Category 4 hurricane. The storm is located approximately 180 miles south-southeast of the mouth of the Mississippi River and is moving north-northwest at about 12 mph. A turn to the north is expected today and the core of Ivan will be near the coast within the warning area early Thursday morning. Ivan has hurricane force winds extending outward up to 105 miles from the center and tropical storm winds extending outward up to 260 miles. An image of the current storm path is available at:
<http://www.nhc.noaa.gov/ftp/graphics/AT09/refresh/AL0904W5+GIF/150858W5.gif>
- In anticipation of major devastation in the Gulf Coast area, FEMA has activated its Region 6 Regional Operations Center in Denton, Texas, effective immediately and has requested DOE assistance today. Members of OEA's Response Team are now en route and will be joined later this evening by additional staff from DOE's HAMMER facility. As individual Disaster Field Offices are opened in affected areas, additional DOE staff from Headquarters, Richland field office, National Energy Technology Laboratory, and the Western Area Power Administration will be deployed to FEMA Regions 4 and 6 as needed. Rotational assignments will be staggered so as not to degrade assistance already being provided to two sites in Florida, FEMA Region 4 in Atlanta, and the FEMA National Emergency Operations Center in Washington, D.C.
- Florida utilities continue to make steady progress in restoring power after Hurricane Frances. Currently, 101,626 Florida electricity customers (1%) remain without power. (9/15/04 7:00 AM EDT)

OIL AND GAS INFORMATION

Refinery Shut Downs or Reduced Capacity in Preparation for Hurricane Ivan

Refiner	Location	Capacity (bbl/day)	Status
Shell Oil	Saraland, AL	85,000	Shut down
Chevron	Pascagoula, MS	325,000	Shut down
Exxon Mobil	Chalmette, LA	182,500	Shut down
Marathon	Garyville, LA	254,000	Not yet determined
Exxon Mobil	Baton Rouge, LA	493,500	Reduced output/Cut runs
Motiva	Convent, LA	235,000	Reduced output
Motiva	Norco, LA	226,500	Reduced output

Murphy	Meraux, LA	120,000	Shut down
Valero (Orion)	St. Charles, LA	155,000	Shut down ? – not yet verified
Valero	Krotz Springs, LA	78,000	Reduced output
ConocoPhillips	Belle Chasse, LA	235,500	Shut down
ConocoPhillips	Woodriver, IL (PADD II)	94,000	Reduced output
ConocoPhillips	Borger, TX	145,800	Anticipating reducing runs

Refinery data as of late afternoon, 9/14/04. Impacted refinery capacity (shut downs or reduced output) in PADD III is 2.54 million barrels per day or 32 percent of total PADD III refinery capacity.

Pipelines:

Capline Pipeline will shut down today. It had reduced throughput earlier.

Strategic Petroleum Reserve:

Bryan Mound, Big Hill, and West Hackberry are at Hurricane Alert Level I, these facilities are fully operational and not expected to be impacted.

New Orleans and Bayou Choctaw are at Hurricane Alert Level III (will close at Noon, 9/15/04)

Crude Oil and Natural Gas Production:

According to the Department of Interior's Minerals Management Service, 61 percent of all oil production (1.042 million barrels per day) and 34 percent of natural gas production (4.198 BCFPD) in the Gulf of Mexico has been shut in, as of 9/14/04.

ELECTRIC INFORMATION [Report based on Florida EOC information 9/15/04 7:00 AM EDT]

- Florida Power and Light (FPL) reports that 95,300 of its customers (2%) remain without power.
- Municipal utilities report a total of 4,500 customers (0.4%) without power.
- Cooperative utilities report a total of 1,826 customers (0.2%) without power.
- See attached table for restoration estimates by county and utility.

**Table 1. COUNTY OUTAGE DATA –
Data shown in the Table are as of 9/15/04 (7:00 AM EDT)**

County	Customers w/o Power	Total Customers	% Customers w/o Power
Brevard	20,800	269,477	8%
Indian River	11,400	76,144	15%
Martin	3,100	84,700	4%
Okeechobee	5,000	21,300	23%
Palm Beach	40,600	693,500	6%
Putnam	2,104	43,279	5%
St. Lucie	14,650	121,600	12%
Volusia	1,396	256,696	1%

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 9/14/04 7:00 AM EDT and Utility Web Sites)

COUNTY	PROGRESS ENERGY	FP&L	TECO	MUNICIPAL UTILITIES	COOPERATIVE UTILITIES
Alachua	Complete	Complete		Complete	Midnight – 9/13
Bradford		Complete		Complete	Midnight – 9/13
Brevard		Midnight – 9/17			All on except flooded areas.
Clay		Complete			Midnight – 9/13
Columbia	Complete	Complete			Midnight – 9/13
DeSoto		Complete			Except flooded areas.
Dixie	Complete				Midnight – 9/13
Flagler		Midnight - 9/15			
Gilchrist	Complete				Midnight – 9/13
Glades		Midnight - 9/17		Complete	Complete
Hardee	Complete			Complete	All on except flooded areas.
Indian River		Midnight - 9/17		Midnight – 9/15	Complete
Lake	Complete			Complete	Midnight – 9/13
Lake (Eustis)	Complete			Complete	Midnight – 9/13
Levy	Complete			Complete	Midnight – 9/13
Marion	Complete			Midnight – 9/15	Midnight – 9/13
Martin		Midnight - 9/17			
Okeechobee		Midnight - 9/17			Complete
Palm Beach		Midnight - 9/17		Midnight – 9/14	Complete
Putnam		Midnight - 9/15			Midnight – 9/13
Seminole	Complete	Midnight - 9/15			Complete

St. Johns		Midnight - 9/15		Complete	
St. Lucie		Midnight - 9/17		Midnight – 9/15	
Union		Complete			Midnight – 9/13
Volusia	Complete	Midnight - 9/15		Complete	Midnight – 9/13

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

Does not include counties which have all customers restored