

**OFFICE OF ENERGY ASSURANCE
U.S. DEPARTMENT OF ENERGY
Hurricane Ivan Situation Report #5
September 18, 2004 (10:00 AM EDT)**

HIGHLIGHTS

- DOE is currently staffing the ESF-12 desks at the FEMA Headquarters National Emergency Operations Center; the FEMA Region 4 Regional Operations Center in Atlanta, GA; the Florida State EOC in Tallahassee; and the Orlando Disaster Field Office, which has been given post-Ivan Federal recovery responsibilities.
- Tropical Depression Ivan has lost the last of its tropical characteristics and has become a remnant low on the front pushing through the Mid-Atlantic States. The center of circulation is approximately 25 miles north-northwest of Richmond, Virginia. Approximately 1.2 million customers in six states are without electricity and particularly in Alabama and Florida (see chart below) remain without power. Heavy rains in North Carolina have increased the outages in that state.
- EA continues to monitor Tropical Storm Jeanne, which may impact the U.S. Eastern Seaboard. As of 8:00 AM EDT 9/18 Tropical Storm Jeanne's maximum sustained winds are estimated near 45 mph. Jeanne is moving north-northwest near 8 mph. The center of Jeanne was located near the eastern top of Great Inagua Island. An image of the current storm path is available at:
<http://www.nhc.noaa.gov/ftp/graphics/AT11/refresh/AL1104W5+GIF/171508W5.gif>

ELECTRIC INFORMATION

STATE OUTAGE DATA

Utility	Customers w/o Power	Total Customers	% Customers w/o Power from Ivan
Florida	343,317	8,877,905	4%
Alabama	643,871	2,317,229	28%
Mississippi	37,400	1,406,803	2.7%
Georgia	39,000	4,150,000	<1%
Tennessee	7,000	2,896,050	0.5%
North Carolina	144,253	4,315,789	1.9%
Total	1,214,841	23,963,776	5.1%

Source: Total Customers – EIA Electric Sales and Revenue 2002 and Florida EOC. Sources for Alabama, Florida, Georgia, Louisiana, North Carolina, and Mississippi are from the State Emergency Operations Centers.

State Outage Information

- Florida** –Gulf Power reports that Plant Crist – their largest generating plant has been repaired and is now ready to generate electricity. Utility workers were also successful in restoring about 150 miles of transmission lines (out of the 790 miles destroyed). Florida Power has completed the remaining restoration work from Hurricane Frances. Counties with major outages are shown in the Table below. No restoration estimates are yet available. FPL plans to restart its 839-megawatt Saint Lucie 2 nuclear unit over the weekend. The unit was shut on Sept. 4 before the Hurricane Frances.

FLORIDA COUNTY OUTAGE DATA –

Data shown in the Table are as of 9/18/04 (3:00 PM EDT)

County	Customers w/o Power	Total Customers	% Customers w/o Power
Bay	37,778	98,755	38%
Escambia	135,967	154,995	88%
Holmes	6,510	10,150	64%
Okaloosa	76,522	99,980	77%
Santa Rosa	60,393	61,692	98%
Walton	20,136	40,798	49%
Washington	6,696	1,855	15%

- Georgia** – Georgia Power and state cooperatives report that some 39,000 customers are without electricity (municipals have not yet reported) this is down from down sharply from Situation Report #4 report.
- Alabama** - Currently 643,871 customers remain without power including 177,000 customers of cooperatives and 16,000 customers of TVA.
- Mississippi** – 37,400 customers remain without power in the state. .
- North Carolina** – The North Carolina State Emergency Response Team reports total outages of 144,253 with Progress Energy reporting 51,171 in the following counties: Avery (450) Bunscombe (42,800) Haywood (4,200) Henderson (1,200) Jackson (350) McDowell (100) Mitchell (2,000) Rutherford (15) and Yancey (60). Duke Power reports a total of 73,650 customers without power including Henderson with 35,000, Transylvania 8,000, Nantahala area 28,650 and scattered 2,000. NC Electric Membership (cooperatives) report a total of 19,428 outages in eight counties.
- Tennessee** – Currently, 7,000 Tennessee customers are without power.
- Puerto Rico and Others** - No update for Puerto Rico is currently available. Press reports late yesterday suggested that 70% of electricity customers were without

power. Smaller outages related to Hurricane Ivan have been reported by the PEPCO for the District of Columbia and Dominion Power for Virginia with total outages of 4,000.

OIL AND GAS INFORMATION : No updates currently available.