



U.S. Department of Energy  
Office of Electricity Delivery & Energy Reliability

**Tropical Storm Isaac Situation Report # 1**  
**August 28, 2012 (3:00 PM EDT)**  
[http://www.oe.netl.doe.gov/emergency\\_sit\\_rpt.aspx](http://www.oe.netl.doe.gov/emergency_sit_rpt.aspx)

**Highlights:**

- As of 2:00 pm EDT August 27<sup>th</sup>, the National Hurricane Center (NHC) reports the center of Tropical Storm Isaac is 280 miles southeast of the mouth of the Mississippi River. The storm is moving towards the northwest at 14 mph and has maximum sustained winds of 65 mph. The NHC forecasts Isaac to strengthen and become a hurricane in the next 24 hours.
- States of Emergency have been declared in Alabama, Florida, Louisiana, and Mississippi.
- As of 1:00 pm EDT August 27<sup>th</sup>, the impacted State reports a total of 65,459 customers without power. Restoration efforts by electric utilities are reported below.

**Summary**

Electric Outages by State		
Impacted State	Current Customer Outages	Percentage of Customers Without Power
Florida	65,459	< 1%
<b>TOTAL:</b>	<b>65,459</b>	
Petroleum & Natural Gas		
	Amount	% Capacity Out*
<b>Crude Oil Production Shut-In (b/d)</b>	1,076,642	78.02%
<b>Natural Gas Production Shut-in</b>	2,166.00	48.13%
<b>Refinery Capacity Shut down (b/d)</b>	1,316,500	NA

**Note:** States with fewer than 1,000 outages are not included in the table. Due to a large number of service providers, including investor owned utilities and cooperatives, the number of customer outages reported may not be comprehensive.

**Sources:** Outages obtained from company web sites and DOE communications. Total State customers are based on 2010 EIA Customer Data.

**ESF 12 Actions:**

- ESF 12 staff has been activated to the FEMA National Response Coordination Center (NRCC) in Washington, DC, the FEMA IV Regional Response Coordination Center (RRCC) in Atlanta, GA, the FEMA VI RRCC in Denton, TX, and the Florida Emergency Operations Center (EOC).



U.S. Department of Energy  
Office of Electricity Delivery & Energy Reliability

**Petroleum & Natural Gas Information:**

Oil & Gas Offshore Production Shut-In Status for Gulf of Mexico <i>as of 12:30 PM EDT 8/27/12</i>			
Location	Amount Shut In	Pre-Event Production	Percent (%) Shut In
Crude Oil (B/D)	1,076,642	1,380,000	78.02
Natural Gas (MMCF/D)	2,166	4,500	48.13

Source: Bureau of Safety and Environmental Enforcement (BSEE)

- As of 12:30 pm EDT August 27th, the Bureau of Safety and Environmental Enforcement (BSEE) reports 1,076,642 barrels per day (B/D) of the Gulf of Mexico (GOM) crude oil production is shut-in, equivalent to 78.02 percent of the GOM crude oil production. BSEE reports 2,166 million cubic feet per day (MMCF/D) of the GOM natural gas production is shut-in, equivalent to 48.13 percent of the GOM natural gas production. Personnel have been evacuated from a total of 346 production platforms, or 58.05 percent of the 596 manned platforms in the GOM. Personnel have been evacuated from 41 rigs, representing 53.9 percent of the 76 rigs currently operating in the GOM.

**Refineries**

- As of 1:30 pm EDT August 27, six refineries in the path of the storm had reported they are shut down or were in the process of shutting down, representing 1,316,500 B/D of refining capacity, or roughly 17 percent of total Gulf Coast refining capacity (7,671,585 B/D).

Refineries in the Path of Isaac <i>as of 1:30 pm EDT, 8/27/12</i>						
Refinery	Location	Capacity (B/D)				
		Operating Capacity	Shut Down*	Restarting	Reduced Runs	Normal
Chevron	Pascagoula, MS	330,000				330,000
Shell	Saraland, AL	80,000				80,000
Alon	Krotz Springs, LA	80,000				80,000
Chalmette Refining	Chalmette, LA	192,500	192,500			
ExxonMobil	Baton Rouge, LA	502,500				502,500
Marathon	Garyville, LA	490,000	490,000			
Motiva	Convent, LA	235,000				235,000
Motiva	Norco, LA	233,500				233,500
Phillips 66	Belle Chasse, LA	247,000	247,000			
Placid Refining	Port Allen, LA	57,000	57,000			
Valero	Meraux, LA	125,000	125,000**			
Valero	Norco, LA	205,000	205,000			
<b>Total</b>		<b>2,777,500</b>	<b>1,316,500</b>	<b>0</b>	<b>0</b>	<b>1,461,000</b>

\*Shut down or shutting down.

\*\* Shutdown unrelated to storm.



**U.S. Department of Energy  
Office of Electricity Delivery & Energy Reliability**

**Ports and Terminals**

- The Louisiana Offshore Oil Port (LOOP) suspended tanker unloading at the terminal at 10:00 am EDT August 27. The LOOP stated this morning (August 27) it continues to meet customer obligations from its onshore facilities.
- As of 1:30 pm EDT, August 27, the U.S. Coast Guard reported ports were closed in the following sectors: Key West, FL, and St. Petersburg, FL. The Miami, FL sector reopened this morning (August 27) with restrictions. In Sector New Orleans, ports along the Lower Mississippi River remained open with restrictions on deep draft vessels.

**Petroleum Pipelines**

- The Capline crude oil pipeline (1.2 million B/D), which transports crude to refineries in the Midwest, was shut down today (August 27).

**Natural Gas Pipelines**

- As of 8/27/2012, Destin Pipeline Company, Columbia Gulf Transmission, Southern Natural Gas and Venice Gas Gathering System have declared Force Majeure on their pipeline systems due to production shut-ins in the GOM.

<b>Force Majeure / Critical Notice Posting by Natural Gas Pipelines as of 1:30 pm EDT, 8/27/12</b>		
<b>Name</b>	<b>Time Stamp</b>	<b>Notice (Status)</b>
Destin Pipeline Company	8/27/2012	Force Majeure
Columbia Gas Transmission	8/27/2012	Force Majeure
Southern Natural Gas	8/27/2012	Force Majeure
Venice Gathering System	8/27/2012	Force Majeure
Discovery Gas Transmission	8/27/2012	Not accepting nominations for Tuesday 8/28/2012. Nominations from offshore supplies will be reduced to zero for Monday 8/27/2012.

**Sources:** Confirmed by company or on company web site. Various trade press sources.

**Restoration Information**

- Florida Power & Light Company (FPL) reported on Saturday (August 25), they have commitments for a total restoration workforce of more than 7,700 workers, including more than 5,200 line and vegetation workers from FPL's mutual assistance partners and electrical contractors.
- Progress Energy, serving Florida, reported yesterday (August 26) they have mobilized hundreds of line workers and tree trimmers to assist company crews with the Isaac restoration.
- Tampa Electric (TECO) reported Friday (August 24) they have requested 193 workers from Virginia, Washington, DC, Maryland, and Arkansas. These crews would assist the TECO crews in restoration activities.
- In Louisiana and Mississippi, Entergy is pre-positioning its personnel and contract employees to be in position to respond to power outages caused by Isaac. The company is anticipating up to 4,350 mutual assistance and contract workers to be available to help restore service. The actual number of additional workers could vary due to availability and changing conditions.