

**OFFICE OF ELECTRICITY DELIVERY AND ENERGY RELIABILITY (OE)**  
**U.S. DEPARTMENT OF ENERGY**  
**Hurricane Katrina Situation Report #42**  
**September 23, 2005 (3:00 PM EDT)**

**HIGHLIGHTS**

- This is the last Hurricane Katrina report. Information on outages and damages from Katrina will be included in the Gulf Coast Hurricane Situation Report starting on 9/24/05.
- Currently, 246,884 customers remain without electric power in Louisiana and Mississippi due to Hurricane Katrina. This is down by more than 2.4 million from a peak of 2.7 million customers that were without power after Hurricane Katrina struck the region.
- DOE staff have been at the National Response Coordination Center (NRCC) at FEMA HQ, the Interagency Incident Management Team at HQ and the State Emergency Operation Center (EOC) in Louisiana for several weeks. Three staff are in Austin, TX, in preparation for Hurricane Rita. Another is at NORTHCOM, per its request.

**PETROLEUM AND GAS INFORMATION**

- MMS reports today that as a result of damage from Hurricane Katrina and precautionary actions in advance of Hurricane Rita, shut-in oil production in the Gulf is currently at 1,486,877 barrels of oil per day. The shut-in oil production is equivalent to 99.13 percent of the normal daily oil production in the Gulf, which is currently approximately 1.5 million barrels of oil per day. Shut-in gas production is at 7.204 billion cubic feet per day. This shut-in gas production is equivalent to 72.04 percent of the normal daily gas production in the Gulf, which is currently approximately 10 billion cubic feet per day. These evacuations are equivalent to 77.41% of 819 manned platforms and 67.16 % of 134 rigs currently operating in the Gulf.

▪ **Gulf of Mexico (GOM) Shut-in Oil and Gas 8/30/05 – 9/22/05**

<b>Date</b>	<b>Percent of GOM Oil Shut-in</b>	<b>Percent of GOM Gas Shut-in</b>
August 30	95.20	87.99
August 31	91.45	83.46
September 1	90.43	78.66
September 2	88.53	72.48
September 3	78.98	57.80
September 4	No data reported	No data reported
September 5	69.57	54.13
September 6	58.02	41.06
September 7	57.37	40.36
September 8	60.12	40.20
September 9	59.88	38.29
September 10	59.84	38.21
September 11	No data reported	No data reported
September 12	57.38	37.84
September 13	56.45	37.20
September 14	56.25	35.18
September 15	56.14	34.11
September 16	56.06	33.84
September 19	55.84	33.75
September 20	58.49	34.82
September 21	73.16	47.13
September 22	91.93	65.95
September 23	99.13	72.04

On 9/21 Entergy reported progress of gas restoration by area: Algiers (100%), French Quarter (10%), CBD (98%), Central City (50%), Uptown (50%), Downtown (15%), Broadmoor (20%), Carrollton (3%), Mid City (15%), Gentilly (45%), Lakeshore (100%), Lake Vista (40%), Lakeview (50%), New Orleans East (0%), and 9<sup>th</sup> Ward (0%). A total of 53,646 gas customers (37 %) have been restored.

- Four refineries (three in LA and one in MS) remain shut down as a result of damage from Hurricane Katrina.

**ELECTRICITY INFORMATION**

**STATE OUTAGE DATA**

<b>Utility</b>	<b>Customers w/o Power</b>	<b>% Customers w/o Power from Katrina</b>
Louisiana*	227,441	21%
Mississippi	19,443	1%

\*Louisiana data is reported by the Louisiana Public Service Commission and their percentage outage numbers are used in calculating the percentage of total outage.

## **STATE REPORTS**

### **Mississippi and Louisiana**

- In Louisiana, 227,441 customers remain without power, as reported by the Louisiana Public Service Commission (LAPSC) (7:00 AM, 9/23/05 latest report).

#### **Louisiana Outage Data by Utilities with Significant Outages (7:00 AM 9/23/05)**

<b>UTILITY</b>	<b>OUTAGES</b>	<b>% customers w/o power</b>
<b>Entergy Louisiana</b>	43,363	9%
<b>Entergy New Orleans</b>	168,453	82%
<b>Wash-St. Tammany</b>	9,571	21%
<b>CLECO</b>	5,602	7%
<b>Total for state shown includes companies with low percentage outages not shown in the Table</b>	<b>227,441</b>	<b>21%</b>

\*Louisiana data and percentages are reported by the Louisiana Public Service Commission.

- Entergy Transmission reports 25 lines and 19 substations out of service as of 9:00 PM 9/22/05. This is down from 181 lines and 263 substations out of service following Katrina's hit.
- As of 9/22, Mississippi had 19,443 customers without power.
- Entergy has posted a complete list of restoration dates by area in New Orleans at <http://www.entergy.com/corp/EmergencyCtr/restoration.asp>.