

U.S. DEPARTMENT OF ENERGY  
**Office of Electricity Delivery and  
Energy Reliability**



# ENERGY ASSURANCE DAILY

January 4, 2006

## Highlights/Major Developments

### **Update: Cleanup Continues in California, About 26,000 Remain Without Power**

Crews from Pacific Gas & Electric and Southern California Edison augmented by workers from as far away as Missouri continued to work to restore power to customers in northern and central California. By the evening of January 3, power had been restored to all but approximately 26,000 customers. Outages from the series of storms that hit the area totaled as many as 1.4 million customers.

<http://biz.yahoo.com/prnews/060103/sftu101.html?v=37>

<http://www.eurekareporter.com/ArticleDisplay.aspx?ArticleID=6884>

## Electricity

### **Update: OPG's 494 MW Coal-fired Unit 2 in Ontario Back in Service January 4**

The 494 MW coal-fired unit 2 at the Lambton generation facility of Ontario Power Generation returned to service by early January 4. The unit was taken out of service for a forced outage on January 3.

Reuters, 07:54, January 4, 2006.

### **SCE's 685 MW Big Creek Hydro Facility in California Shut January 3**

Reuters 21:02, January 3, 2006.

### **Complete's 260 MW Gas-fired La Paloma Unit 1 in California Shut January 3**

Reuters 21:02, January 3, 2006.

### **Complete's 251 MW Gas-fired La Paloma Unit 2 in California Shut January 3**

Reuters 21:02, January 3, 2006.

### **Complete's 242 MW Gas-fired La Paloma Unit 4 in California Shut January 3**

Reuters 21:02, January 3, 2006.

### **Duke's 260 MW Gas-fired Unit 2 at its Moss Landing Facility in California Shut January 2**

Reuters 16:32, January 3, 2006.

### **Calpine's 275 MW Gas-fired Sutter Facility in California shut January 3**

Reuters 16:32, January 3, 2006.

## **Petroleum**

### **Koch Unit Applies to Expand Minnesota Oil Pipeline**

A Koch Industries unit has applied to expand a northern U.S. pipeline in a \$300 million project, the latest of several expansion plans aimed at boosting capacity for growing Canadian crude oil supplies. Minnesota Pipe Line Co. said the expansion would add 165,000 barrels a day of capacity to its system.

Reuters, 11:24 January 4, 2006.

### **Update: Suncor's Colorado Refinery Returns to Full Rates**

Suncor Energy said on Wednesday a 30,000 barrel per day crude unit at its Commerce City, Colorado, refinery was back at full rates after a fire on Dec. 17 shut it down.

Reuters, 13:16 January 4, 2006.

### **Update: Baytown Refinery Cuts Have 'Minimal' Impact -Exxon**

On January 2, Exxon Mobil reduced rates at its Baytown, Texas, refinery's 42,000 barrel per day (bpd) flexicoker through Jan. 7, traders said today. The company insisted the effects on production would be "minimal."

Reuters, 12:33 January 4, 2006.

### **Update: Marathon's St. Paul Refinery Returns from Fire Outage**

The 70,000 b/d St. Paul refinery of Marathon Oil Corp returned to service following an outage that began on December 13 when a fire damaged two crude units. According to the company, the refinery is operating normally at the present time.

Reuters 11:15, January 4, 2006.

### **Update: Oil Export Delays Stretching as Bad Weather Continues at Iraqi Port**

According to oil traders in the area, delays at Iraq's major oil port of Basra have lengthened to nearly a month as rough seas prevent ships from taking on cargo. Sources report that as many as 13 vessels are waiting to dock and that the tug boats are running short on fuel because of the 10 day closure of the Baiji oil refinery.

Bloomberg 11:11, January 4, 2006.

## **Natural Gas**

Nothing to Report.

## **Hurricane Recovery Updates**

December 15 was the last scheduled hurricane emergency situation report for 2005. Updates on the status of energy infrastructure restoration efforts related to hurricane damage will be posted in the Energy Assurance Daily in this section of the report. For past Gulf Coast Hurricanes situation reports, see the website of the Office of Electricity Delivery and Energy Reliability (OE) of the U.S. Department of Energy at:

<http://www.oe.netl.doe.gov>.

## Gulf Coast Shut-in Production Per Day

Ivan vs. Katrina/ Rita vs. Most Recent

	<b>Ivan</b>	<b>Katrina/Rita</b>	<b>Most Recent</b>
<b>Gas</b> (BCF/day)	<b>6.515</b> 65.15% (High- 9/16/04)	<b>9.418</b> 94.18% (High- 8/30/05)	<b>1.954</b> 19.54% (12/29/05)
<b>Oil</b> (bbls/day)	<b>1,410,002</b> 94.00% (High- 9/16/04)	<b>1,564,679</b> 100.00% (High-9/26/05)	<b>410,618</b> 27.37% (12/29/05)

Normal Production in the Gulf Coast is 10 BCF/day of gas and 1,500,000 bbls/day of oil.  
Source: U.S. MMS, December 29, 2005

## Gulf Coast Shut-in Production Cumulative

Katrina/ Rita vs. Ivan

	<b>Ivan</b>	<b>Katrina/ Rita</b>
<b>Cumulative</b>	<b>9/13/04 - 02/14/05</b>	<b>8/26/05 – 12/29/05</b>
<b>Gas (BCF)</b>	<b>172.259</b>	<b>560.766</b>
<b>Oil (bbls)</b>	<b>43,841,245</b>	<b>108,775,910</b>

Source: U.S. MMS, December 29, 2005

### [Louisiana In-State Daily Production and Pipeline Update](#)

According to the Louisiana Department of Natural Resources on December 29, onshore crude oil production in southern Louisiana has reached 123,629.65 barrels per day, or 60.86 percent of the region's capacity; natural gas production of 1,614.61 million cubic feet per day, or 72.24 percent of daily capacity in 38 southern Louisiana parishes, has been restored. There are 55 on-shore pipeline operators in the hurricane-affected parishes. As of December 29, 18 operator's facilities were reopened, 21 of the operator's facilities are shut-in, and 16 of the operators experience partial system shut-ins or flow.

<http://dnr.louisiana.gov/>

## Other News

### **Update: Single Survivor of Explosion that Trapped 13 in West Virginia Coal Mine**

An erroneous report that 12 of the miners had been found alive proved to incorrect and instead there was only a single survivor among the 13 miners that had been trapped by an explosion in a mine in Upshur County, West Virginia. The cause of the explosion is under investigation.

[http://today.reuters.com/news/newsArticle.aspx?type=fundLaunches&storyID=2006-01-04T155406Z\\_01\\_HAR267881\\_RTRUKOC\\_0\\_US-MINERALS-EXPLOSION.xml](http://today.reuters.com/news/newsArticle.aspx?type=fundLaunches&storyID=2006-01-04T155406Z_01_HAR267881_RTRUKOC_0_US-MINERALS-EXPLOSION.xml)

<http://www.latimes.com/news/nationworld/nation/la-na-miners4jan04.0.2082600.story?track=tottext>

Reuters 11:32, January 4, 2006.

## Energy Prices

	Latest (01/04/06)	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate US</b> \$/Barrel	63.41	59.81	43.41
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	9.25	9.90	5.84

Source: Reuters

### **This Week in Petroleum** from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

*Note: because of the holiday schedule the weekly data will be released on Thursday, December 29, and Thursday January 5.*

### **Weekly Petroleum Status Report** from EIA

[http://www.eia.doe.gov/oil\\_gas/petroleum/data\\_publications/weekly\\_petroleum\\_status\\_report/wpsr.html](http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html)

*Note: because of the holiday schedule the weekly data will be released after 1:00 pm on Thursday, December 29, and Thursday January 5.*

### **Natural Gas Weekly Update** from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

*Updated after 2:00 pm on Thursdays Note: Release date is not affected by the federal holiday schedule.*

### **Infrastructure Security and Energy Restoration Website** from ISER/OE/DOE

<http://www.oe.netl.doe.gov>

*Updated after 5:00 pm (Mon. thru Fri.) with latest Energy Assurance Daily; previous Energy Assurance Daily and emergency situation reports are also posted on the website.*

*Note: because of the holiday schedule, there will be no issue of Energy Assurance Daily on Monday December 26 or Monday January 2.*