



# ENERGY ASSURANCE DAILY

Tuesday Evening, November 04, 2008

## **Electricity**

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### **Duke's 175 MW Southbay Gas-fired Unit 3 in California Shut by November 3**

The California Independent System Operator reported the unit experienced an unplanned outage November 3.  
<http://www.caiso.com/unitstatus/data/unitstatus200811031515.html>

### **TVA's 1,126 MW Sequoyah Nuke Unit 2 in Tennessee Shut by November 4**

The Nuclear Regulatory Commission reported that on the morning of November 3 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **Update: TXU's 575 MW Big Brown Coal-fired Unit 1 in Texas Restarts November 3**

The unit had been shut for repairs.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=116091>

### **Update: Exelon's 855 MW Quad Cities Nuke Unit 1 in Illinois Ramped Up to 83 Percent by November 4**

The Nuclear Regulatory Commission reported that on the morning of November 3 the unit was reduced to 40 percent to work on the condenser.

Reuters, 07:19 November 4, 2008

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **Update: Entergy's 1,207 MW Grand Gulf Nuke Unit 1 in Mississippi Ramped Up to 97 Percent by November 4**

The Nuclear Regulatory Commission reported that on the morning of November 3 the unit was operating at 81 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **Update: State Approves Progress Energy's Proposed 64-Mile, 230 kV Transmission Line in North Carolina**

The proposed line will link Progress Energy's proposed 600 MW natural gas-fired power plant in North Carolina. The plant and transmission line are expected to be in service in 2011.

[http://biz.yahoo.com/ap/081103/nc\\_progress\\_energy\\_transmission.html?v=1](http://biz.yahoo.com/ap/081103/nc_progress_energy_transmission.html?v=1)

### **Hydropower Development Has Large Potential in Kentucky**

Abundant rainfall and Kentucky's many river systems provide the state with a potentially rich resource base for hydroelectric power. Hydroelectric power plants are being developed as companies seek renewable resources to meet increased energy demands. One survey indicated that existing dams and flood control structures could be retrofitted to develop nearly 900 MW of capacity.

<http://www.fox41.com/Global/story.asp?S=9279621>

### **Fire Shuts 52,000 b/d Crude Unit at Marathon's 76,000 b/d Texas City, Texas Refinery November 3**

According to a company spokesman, the unit was shut following a small pump fire at a nearby storage tank. The fire was extinguished within 30 minutes.

<http://www.chron.com/dispatch/story.mpl/ap/tx/6092984.html>

Reuters, 10:24 November 4, 2008

Reuters, 22:25 November 3, 2008

### **Valero's 55,000b/d FCCU at its 195,000 b/d Paulsboro, New Jersey Refinery Shut November 4**

According to a company spokesman, the unit was shut to repair a leak.

Reuters, 09:37 November 4, 2008

### **U.S. Department of Energy Does not Expect to Release Additional Crude Oil from Strategic Petroleum Reserve to Refineries Disrupted by Hurricanes Gustav and Ike**

The Department of Energy released 5.839 MMbbls of crude from the Strategic Petroleum Reserve (SPR) to refiners beginning on September 8. The last delivery of SPR crude was made on October 14.

Dow Jones, 11:04 November 4, 2008

### **Update: Louisiana Crude Production Restorations after Hurricanes Gustav and Ike November 3**

Louisiana Department of Natural Resources reports 104,699 b/d of crude production is restored, which is equivalent to 67.2 percent of daily oil production in the region of 155,767 b/d. About 39,064 b/d of crude production remains shut, which is equivalent to 25.1 percent of daily oil production, and the status of 12,004 b/d of production capacity has not yet been confirmed.

<http://dnr.louisiana.gov/sec/execdiv/pubinfo/weekly-onshore-prod.ssi>

### **Update: MMS Expects Restoration of Most Gulf of Mexico Oil and Gas Facilities by March 2009**

According to a statement from an MMS official, once repairs to a pipeline have been completed, most of the production that is still shut in the deepwater Gulf will come back on line. Work on the damaged lines is anticipated to be complete by March of 2009.

Reuters, 12:21 November 4, 2008

### **Update: Anadarko Expects Full Restoration of Gulf of Mexico Oil and Gas Production by First Quarter 2009**

Currently, 75 percent of Anadarko's production levels have been restored after Hurricanes Gustav and Ike. The remaining outages are due to third-party problems.

Dow Jones, 10:14 November 4, 2008

### **Statoil to Shut Statfjord Nord Field in North Sea for One Year for Repairs**

The Statfjord Nord field, which produces 14,000 b/d of crude in 2008, will be shut to fix problems with maintaining pressure in the field's reservoirs.

Reuters, 10:49 November 4, 2008

## ***Natural Gas***

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### **Update: Louisiana Natural Gas Production Restoration after Hurricanes Gustav and Ike November 3**

Louisiana Department of Natural Resources reports 1,074 MMcf/d of gas production is restored, which is equivalent to 65.4 percent of daily gas production in the region of 1,642 MMcf/d. About 410 MMcf/d of gas production remains shut, which is equivalent to 25.0 percent of daily gas production, and the status of 158 MMcf/d of production capacity has not yet been confirmed.

<http://dnr.louisiana.gov/sec/execdiv/pubinfo/weekly-onshore-prod.ssi>

## El Paso Holds Binding Open Season for 2 Bcf Natural Gas Storage Facility in Arizona

The proposed storage facility consists of four salt caverns. The first cavern is scheduled to be operational in 2013. NGI's Daily Gas Price Index, November 04, 2008, <http://intelligencepress.com/>

## SRU at 160 MMcf/d Goldsmith Gas Plant in Texas Shut November 4

The unit shut to repair a gas leak.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=116071>

## Puget Sound Energy Expands Natural Gas Reservoir in Washington on Increasing Demands

Completion of the eighteen month project expands the daily withdrawal capacity of the Jackson Prairie gas storage facility by 35 percent from 850 MMcf/d to 1.15 Bcf/d. On-going work is slated to expand storage capacity from the current 23 Bcf to almost 25 Bcf by 2012.

[http://biz.yahoo.com/ap/081104/wa\\_natural\\_gas\\_reservoir.html?v=1](http://biz.yahoo.com/ap/081104/wa_natural_gas_reservoir.html?v=1)

<http://biz.yahoo.com/bw/081104/20081104005312.html?v=1>

## Update: EnCana Seals Gas Leak on Pipeline in British Colombia Caused by Explosion

The gas leak was small and did not pose a danger to the public. The explosion marks the third such attempts on EnCana's gas pipeline facilities.

Bloomberg News, 17:44 November 3, 2008

## Other News

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### Canada May Join U.S. Efforts for Energy Security

According to a report in Canadian press, Canada may join in a project led by the U.S. Department of Energy to gather and share intelligence relating to threats to energy and environmental security.

<http://canadianpress.google.com/article/ALeqM5idqDzQ-rStLqmwfoW2VXiMY7E7UQ>

## Energy Prices

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U.S. Oil and Gas Prices			
November 4, 2008			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b>			
<b>West Texas Intermediate U.S.</b>	71.17	62.86	95.81
\$/Barrel			
<b>NATURAL GAS</b>			
<b>Henry Hub</b>	6.45	6.27	6.63
\$/Million Btu			

Source: Reuters

## Energy Notes

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### Update: FERC Approves Arlington Storage's 7 Bcf Gas Storage Facilities in New York and Ohio

NGI's Daily Gas Price Indexm November 04, 2008, <http://intelligencepress.com/>

### Update: FERC Approves Westport's 32 Bcf Leaf River Gas Storage Facility in Mississippi

[http://www.downstreamtoday.com/News/Articles/200811/NGS\\_Wins\\_FERC\\_Nod\\_for\\_Natural\\_Gas\\_Storage\\_13587.aspx](http://www.downstreamtoday.com/News/Articles/200811/NGS_Wins_FERC_Nod_for_Natural_Gas_Storage_13587.aspx)

**Update: FERC Approves Pepco's Proposed 230-Mile Mid-Atlantic Power Pathway Transmission Line**

[http://www.businesswire.com/portal/site/google/?ndmViewId=news\\_view&newsId=20081103006392&newsLang=en](http://www.businesswire.com/portal/site/google/?ndmViewId=news_view&newsId=20081103006392&newsLang=en)

**Crude Exports from Dos Bocas Port in Mexico Unaffected by Small Oil Spill  
November 4**

Reuters, 11:41 November 4, 2008

**Saudi Aramco Expects Shaybah and Nuayyim Oilfields in Saudi Arabia to Commence Production in First Half of 2009**

Reuters, 07:02 November 4, 2008

**United Arab Emirates (UAE) to Reduce Crude Output by 100,000 b/d in Agreement with OPEC's Production Cuts**

[http://www.rigzone.com/news/article.asp?a\\_id=68704](http://www.rigzone.com/news/article.asp?a_id=68704)

**Algeria Reducing Crude Output by 71,000 b/d in Agreement with OPEC's Production Cuts – APS**

Reuters, 07:57 November 4, 2008

**Petrobras's Tupi, Lara and Guara Crude Fields off Brazilian Coast to Produce 300,000 Boe/d by 2012 – BG Group**

[http://www.rigzone.com/news/article.asp?a\\_id=68795](http://www.rigzone.com/news/article.asp?a_id=68795)

**Russian Ural Crude Exports from Black Sea to Decrease 7 MMbbls in November – Traders**

<http://www.platts.com/Oil/News/8146426.xml?p=Oil/News&sub=Oil>

**Scientist Discovers Unique Fungus Found in Rainforests that Produces Diesel Compounds**

<http://www.sciencecentric.com/news/article.php?q=08110444>

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## **Links**

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

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

Updated every Wednesday.

***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)

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

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

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

Updated after 2:00 PM EST every Thursday.

## ENERGY ASSURANCE DAILY

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*Energy Assurance Daily* provides a summary of public information concerning current energy issues. Published Monday through Friday to inform stakeholders of developments affecting energy systems, flows, and markets, it provides highlights of energy issues rather than a comprehensive coverage. *Energy Assurance Daily* is updated online Monday through Friday after 5:00 p.m. EST. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:

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

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