



U.S. DEPARTMENT OF ENERGY  
Office of Electricity Delivery and Energy Reliability  
Infrastructure Security and Energy Restoration

# ENERGY ASSURANCE DAILY

Monday Evening, November 02, 2009

## ***Electricity***

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### **NERC Issues 2009 Long-Term Reliability Assessment October 29**

NERC expects that overall demand for electricity to be lower in 2009 than in 2008 due to current economic conditions. However, electricity demand is expected to continue to rise over the next 10 years and sufficient transmission capacity remains one of the highest risks facing the industry. Growth of renewable energy, such as solar- and wind- powered facilities, has increased the demand for transmission lines but location and permitting of lines remains to be an issue. NERC has identified cyber security to be an important emerging issue over the next decade. NERC has also selected and identified seven metrics called Adequate-Level-of-Reliability (ALR) Metrics, which have the potential for indicating impending reliability issues and performance.

Copy of the report: [http://www.nerc.com/files/2009\\_LTRA.pdf](http://www.nerc.com/files/2009_LTRA.pdf)

### **Storm Knocks Out Power to 39,000 DTE Customers in Michigan October 30**

DTE expected to restore service to all customers by November 1.

<http://www.detnews.com/article/20091031/METRO/910310391/1409/METRO/Metro-Detroit-s-weather-will-be-more-trick-than-treat-for-Halloween>

<http://www.thetimesherald.com/article/20091031/NEWS05/91031005/Power+outages+could+last+hours>

### **We Energies's Oak Creek Coal-fired Power Plant in Wisconsin Begins Service**

The power plant consists of two coal-fired units. The first unit, which was placed into service in October, is running at 25 percent capacity. Both units are expected to produce 1,230 MW of power.

<http://www.jsonline.com/business/67429517.html>

### **Sithe's 880 MW Goreway Gas-fired Unit in Ontario Shut November 2**

Reuters, 9:21 November 2, 2009

### **Update: Mountainview's 525 MW Mountainview Gas-fired Unit 3 in California Returns to Service by October 30**

According to the California Independent System Operator, the unit reported a return from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200910301515.html>

### **Mountainview's 525 MW Mountainview Gas-fired Unit 3 in California Reduced by October 31**

According to the California Independent System Operator, the unit reported an unplanned curtailment of 285 MW by October 31.

<http://www.caiso.com/unitstatus/data/unitstatus200910311515.html>

### **AES's 495 MW Alamos Gas-fired Unit 6 in California Shut by November 1**

According to the California Independent System Operator, the unit reported an unplanned outage by November 1.

<http://www.caiso.com/unitstatus/data/unitstatus200911011515.html>

### **Update: FirstEnergy's 1,235 MW Perry Nuke Unit Ramps up To 2 Percent by November 2**

The unit was shut October 15 for repairs.

Bloomberg News, 12:21 November 2, 2009

### **Update: Luminant's 1,150 MW Comanche Peak Nuke Unit 2 in Texas Ramped Up to 28 Percent by November 2**

The Nuclear Regulatory Commission reported that on the morning of November 1 the unit was not operating. Information derived from the NRC Power Reactor Status Reports:  
<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

### **Update: TVA's 1,118 MW Browns Ferry Nuke Unit 3 in Alabama Ramped Up to 85 Percent by November 1**

The Nuclear Regulatory Commission reported that on the morning of October 31 the unit was operating at 43 percent. Information derived from the NRC Power Reactor Status Reports:  
<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

### **Topaz Power's 350 MW Barney M Davis Gas-fired Unit 3 in Texas Restarts October 30**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=130912>

### **Update: Ace Cogeneration's 118 MW Ace Cogeneration Coal-fired Unit in California Returns to Service by October 30**

According to the California Independent System Operator, the unit reported a return from an unplanned outage.  
<http://www.caiso.com/unitstatus/data/unitstatus200910301515.html>

## ***Petroleum***

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### **Update: Citgo Restarts Alkylation Unit at its 156,000 b/d Corpus Christi, Texas Refinery October 29**

The unit was shut on July 19 after an explosion at the facility.  
<http://online.wsj.com/article/BT-CO-20091102-707067.html>

### **FCCU Snag Reported at Motiva's 285,000 b/d Port Arthur, Texas Refinery October 31**

The FCCU snag led to a flaring event.  
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=131385>  
Dow Jones News, 08:11 November 2, 2009  
Bloomberg News, 13:58 November 1, 2009

### **PdVSA and Petrobras to Build and Operate 230,000 b/d Refinery in Brazil**

The refinery will be able to process heavy crude and will mainly produce diesel.  
[http://www.forbes.com/feeds/ap/2009/10/30/business-lt-venezuela-brazil\\_7070068.html](http://www.forbes.com/feeds/ap/2009/10/30/business-lt-venezuela-brazil_7070068.html)

### **Update: Crude Pipeline from Iraq to Turkey to Resume Normal Operations by November 3**

The line was sabotaged and damaged late last month.  
Bloomberg News, 08:55 November 2, 2009

## ***Natural Gas***

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### **Eni Commences Operation of its Longhorn Gas Field in the Gulf of Mexico**

The field, which is located 60 miles off the Louisiana coast, will have an initial production rate of about 300 MMcf/d. Operations at the Longhorn field have the capacity to produce 250 MMcf/d of natural gas and 6,000 b/d of crude.  
[http://www.rigzone.com/news/article.asp?a\\_id=81988](http://www.rigzone.com/news/article.asp?a_id=81988)

### **Faulty Dehydrator Transmitter Shuts 290 MMcf/d Waha Gas Plant in Texas October 31**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=131384>

**Iroquois Completes Expansion Project at Brookfield Compressor Station in Connecticut**  
Construction of an additional 10,300 horsepower compressor unit at the compressor station was complete in mid-October, and placed into service on November 1. The expansion increases the pipeline capacity an additional 200 MMcf/d from the interconnection with the Algonquin Gas Transmission system in Connecticut to Long Island.  
CNW, 15:16 November 2, 2009

## **Other News**

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Nothing to Report.

## **Energy Prices**

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<b>U.S. Oil and Gas Prices</b> November 2, 2009			
	<b>Today</b>	<b>Week Ago</b>	<b>Year Ago</b>
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	77.23	78.65	64.30
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.11	4.88	6.75

Source: Reuters

## **Energy Notes**

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**Storm Knocks Out Power to 13,000 NB Power Customers in New Brunswick, Canada**  
**November 1**

<http://timetranscript.canadaeast.com/front/article/843407>

**MidAmerican Energy Reported about 10,000 Customers in Iowa Lost Power November 1**

<http://www.kcci.com/news/21495363/detail.html>

**Allegheny Power Has Invested \$156 Million in Electric Infrastructure Improvement Projects in Past Two Years in West Virginia**

<http://finance.yahoo.com/news/Allegheny-Power-invests-156M-apf-183171900.html?x=0&.v=2>

**Truck Carrying Crude Crashes on California Highway, Leaking Oil November 2**

<http://cbs13.com/local/tanker.crash.colfax.2.1286005.html>

**DOE's Weatherization Assistance Program, Which Make Homes of Low-Income Families More Energy Efficient, Receives Financial Boost from American Recovery and Reinvestment Act Funds**

<http://www.prnewswire.com/news-releases/weatherization-day-2009-gets-a-boost-from-federal-stimulus-money-67768542.html>

**Public Service Commission Approves Xcel's Application to Convert Bay Front Coal-fired Unit in Wisconsin to Run on Biomass**

Dow Jones News, 11:33 November 2, 2009

**OSHA Investigating October 13 Fire at Heartland Refinery's Facility that Recycles Used Motor Oil in Ohio**

[http://www2.nbc4i.com/cmh/news/local/article/new\\_oil\\_refinery\\_opens\\_despite\\_investigation\\_into\\_fire/25796/](http://www2.nbc4i.com/cmh/news/local/article/new_oil_refinery_opens_despite_investigation_into_fire/25796/)

**Flaring Reported at Valero's 289,000 b/d Port Arthur, Texas Refinery October 30**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=131375>

**Flaring Reported at 140 MMcf/d Keystone Gas Plant in Texas October 31**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=131386>

**Devon Energy Announces 30.7 Mmc/d Haynesville Shale Well In Operation in Texas**

Reuters, 09:58 November 2, 2009

**PTT Exploration and Production Oil Rig in Timor Sea Catches Fire November 1  
Rig Had Been Leaking for 10 Weeks**

Reuters, 03:48 November 1, 2009

## **Links**

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

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