



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

# ENERGY ASSURANCE DAILY

Tuesday Evening, October 04, 2011

## ***Electricity***

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### **Ameren to Close Meredosia and Hutsonville Power Plants in Illinois by Year-End Due to EPA Air Pollution Rule**

Ameren Energy Resources Company, LLC announced today that the Meredosia and Hutsonville Energy Centers will cease operating by the end of 2011, primarily because of the high costs expected to comply with the Environmental Protection Agency's (EPA) Cross-State Air Pollution Rule, which goes into effect January 1, 2012. The Meredosia Energy Center has a net generating capacity of 369 MW, including one 203 coal-fired unit and one 166 MW oil-fired unit. The Hutsonville Energy Center has two coal-fired units with a net generating capacity of 151 MW.

<http://www.prnewswire.com/news-releases/two-ameren-merchant-generating-company-energy-centers-to-cess-operations-131044393.html>

### **Update: Luminant to Shut Two 593 MW Coal-Fired Units at Monticello Power Plant in Texas at Year-End to Comply with EPA Air Pollution Rule**

Luminant notified the Texas power grid operator on Monday that it will shut two coal-fired units at the end of the year to comply with the Environmental Protection Agency's (EPA) Cross-State Air Pollution Rule, which goes into effect January 1, 2012. Last month, Luminant announced that Units 1 and 2 would be idled and that Unit 3 would cease using Texas lignite for fuel and begin to operate on 100 percent Powder River Basin coal.

Reuters, 16:51 October 3, 2011

<http://www.luminant.com/news/newsrel/detail.aspx?prid=1218>

### **NRG Mothballs 400 MW Natural Gas-Fired Unit 5 at Greens Bayou Plant in Texas on October 1**

NRG Energy has mothballed the Greens Bayou 5 unit, which is largest of seven units at its 760 MW plant in Harris County, Texas, after getting approval from the Texas electric grid agency. The unit was mothballed in October 2010 but returned to service to operate this summer. NRG will retain the option of bringing the plant back into service as needed or when economical.

Reuters, 19:44 October 3, 2011

### **Luminant to Shut 750 MW Martin Lake Coal-Fired Unit 3 in Texas to Repair Boiler Tube Leak October 4-5**

Reuters, 11:26 October 4, 2011

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=160008>

### **TXU to Shut 593 MW Monticello Coal-Fired Unit 2 in Texas to Repair Boiler Tube Leak October 4**

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=159954>

### **FPL's 693 MW Turkey Point Nuclear Unit 3 in Florida Shut by October 4**

The Nuclear Regulatory Commission reported that on the morning of October 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/2011/>

### **Constellation's 825 MW Calvert Cliffs Nuclear Unit 1 in Maryland Reduced to 68 Percent by October 4**

The Nuclear Regulatory Commission reported that on the morning of October 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/2011/>

### **Update: PSE&G's 1,096 MW Salem Nuclear Unit 1 in New Jersey Ramped Up to 90 Percent by October 4**

The Nuclear Regulatory Commission reported that on the morning of October 3 the unit was operating at 70 percent. Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

### **Update: Entergy's 730 MW Palisades Nuclear Unit in Michigan at Full Power by October 4**

The Nuclear Regulatory Commission reported that on the morning of October 3 the unit was operating at 80 percent. Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

### **BP Wind Energy to Build 419 MW Flat Ridge 2 Wind Farm in Kansas for Operation by Late 2012**

BP Wind Energy announced Monday that it plans to build the 419 MW Flat Ridge 2 Wind Farm in south-central Kansas. The wind farm will utilize 262 GE wind turbines, each with a capacity of 1.6 MW. Associated Electric Cooperative Inc. (AECI) has agreed to purchase power totaling 314 MW from the farm. Construction is scheduled to begin in the fourth quarter of 2011, and commercial operation is planned by the end of 2012.

<http://www.bp.com/genericarticle.do?categoryId=9024973&contentId=7071517>

### **Alstom to Upgrade AEP's 1300 MW Coal-Fired Plant Fleet in Ohio, Indiana, and West Virginia**

Over next several years, Alstom will upgrade low pressure steam turbines across American Electric Power's (AEP) 1300 MW coal-fired power plant fleet, including seven plants located in Ohio, Indiana, and West Virginia. Alstom will upgrade the turbines by implementing its rotating and stationary blade design technology, which will allow AEP to continue to operate its assets with improved efficiency and a high level of reliability. AEP plans to commission the first unit in 2013.

DJN, 08:37 October 4, 2011

<http://www.alstom.com/news-and-events/press-releases/Alstom-will-upgrade-American-Electric-Powers-1300-MW-coal-fired-power-plant-fleet/>

## ***Petroleum***

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### **Enbridge to Expand Access to Eastern Markets for Growing Light Crude Oil Production from the Bakken Shale and Alberta**

Enbridge Inc. and Enbridge Energy Partners, L.P. (EEP) announced Monday their plans for two projects to enable growing light crude production from the Bakken shale and from Alberta to meet refinery needs in Michigan, Ohio, and Ontario. The first project is a 50,000 b/d expansion of EEP's light crude Line 5, which runs between Superior, Wisconsin and Sarnia, Ontario. Complementing this expansion will be the reversal of a portion of Line 9 in western Ontario, to facilitate the flow of crude oil from Sarnia to as far as Westover, Ontario. Enbridge can achieve both projects without upgrading or modifying its facilities and without installing new pipeline. Pending the necessary regulatory approvals, Enbridge hopes to put these changes into service in late 2012.

<http://www.enbridge.com/MediaCentre/News.aspx?yearTab=en2011&id=1508309>

### **Update: ConocoPhillips Halts Crude Processing Operations at 185,000 b/d Trainer, Pennsylvania Refinery September 30**

ConocoPhillips said Monday that it ceased operations at its Trainer refinery last Friday, as planned, citing East Coast refining economics. The company announced last week that it had begun idling its refinery while seeking a buyer for the facility.

<http://www.foxbusiness.com/industries/2011/09/30/conocophillips-halts-production-at-trainer-refinery/>

## Update: Pipe Associated with FCCU Ruptures at PBF Energy's 182,200 b/d Delaware City, Delaware Refinery October 2

A pipe in a carbon monoxide boiler associated with the refinery's fluid catalytic cracking unit (FCCU) blew a hole Sunday. PBF Energy says that the FCCU was not affected.

<http://uk.reuters.com/article/2011/10/04/refinery-operations-pbf-delawarecity-idUKN1E79226P20111004>

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=991445](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=991445)

## Natural Gas

### Dominion Files for Permission from DOE to Export LNG from Cove Point Terminal in Maryland to Non-FTA Countries

Dominion filed an application Monday with the U.S. Department of Energy (DOE) requesting permission to export liquefied natural gas (LNG) from its Cove Point facility in Maryland. The terminal is particularly well-suited to export gas production from the Marcellus Shale and Utica Shale formations. Dominion's filing is the second in a two-phase export authorization request. The first request, filed September 1, asks for permission to export LNG to countries that have a free trade agreement (FTA) with the United States. This list is limited, however, and no FTA countries currently import significant volumes of LNG. Monday's second filing requests permission to export as much as 1 Bcf/d for a 25-year term to any country not specifically prohibited from trade with the United States. If its export plan gains approval, Dominion intends to convert its existing Cove Point LNG import terminal into a bi-directional facility by adding liquefaction facilities. The terminal would continue to import LNG and vaporize it as natural gas, but it would also liquefy natural gas and export it as LNG. Pending regulatory approvals, the company says it could potentially begin construction in 2014 and exports in 2016.

<http://dom.mediaroom.com/index.php?s=43&item=1038>

## Other News

Nothing to report.

## Energy Prices

U.S. Oil and Gas Prices			
October 4, 2011			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	76.90	83.58	81.57
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.57	3.80	3.67

Source: Reuters

## Energy Notes

### Update: NRC Regulators Meet with TVA Officials to Discuss Safety Inspection Results at Browns Ferry Nuclear Plant in Alabama

[http://blog.al.com/wire/2011/10/federal\\_regulators\\_meeting\\_wit.html](http://blog.al.com/wire/2011/10/federal_regulators_meeting_wit.html)

## Links

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

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

Updated every Wednesday.

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

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

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

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

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

Updated after 2:00 PM EDT every Thursday.

### ENERGY ASSURANCE DAILY

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

Please direct comments and questions to: [ead@oe.netl.doe.gov](mailto:ead@oe.netl.doe.gov)