



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

# ENERGY ASSURANCE DAILY

Monday Evening, December 14, 2009

## ***Electricity***

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### **Topaz Power Places New Auxiliary Boiler in Service at 682 MW Barney M. Davis Gas-fired Power Plant in Texas**

The new auxiliary boiler was placed into service December 11, and will be operational by December 18.

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=132608>

Bloomberg News, 14:25 December 12, 2009

### **AltaRock Energy Cancels Plans for Geothermal Energy Project in California**

Alta Rock Energy has abandoned plans to extract geothermal energy from geysers. The project had received a \$6 million grant from DOE for alternative energy development.

<http://www.nytimes.com/2009/12/12/science/earth/12quake.html?th&emc=th>

### **APS's 1,243 MW Palo Verde Nuke Unit 2 in Arizona Reduced to 12 Percent by December 12**

The unit had decreased to 11 percent capacity on December 12. Operators reduced to the unit to 60 percent by December 10 to lower to temperature on the main transformer.

<http://www.reuters.com/article/idUSN1415313920091214?type=marketsNews>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

### **SCE's 1,126 MW San Onofre Nuke Unit 3 in California Reduced by December 12, Returns to Service by December 13**

According to the California Independent System Operator, the unit reported an unplanned curtailment of 696 MW on December 12.

<http://www.caiso.com/unitstatus/data/unitstatus200912121515.html>

<http://www.caiso.com/unitstatus/data/unitstatus200912131515.html>

### **Calpine's 593 MW Metcalf Gas-fired Unit in California Shut by December 12**

According to the California Independent System Operator, the unit reported an unplanned outage on December 12.

<http://www.caiso.com/unitstatus/data/unitstatus200912121515.html>

### **Luminant's 545 MW Sandow Coal-fired Unit 4 in Texas Shut December 13**

The unit was shut due to the loss of an air heater.

Reuters, 10:12 December 14, 2009

### **TMPA's 462 MW Gibbons Creek Coal-fired Unit 1 in Texas Shut December 13**

The unit was shut to repair a tube leak.

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=133161>

### **Reliant's 320 MW Etiwanda Gas-fired Unit 4 in California Shut by December 12, Returns to Service by December 13**

According to the California Independent System Operator, the unit reported an unplanned outage on December 12.

<http://www.caiso.com/unitstatus/data/unitstatus200912121515.html>

<http://www.caiso.com/unitstatus/data/unitstatus200912131515.html>

### **Update: Southern's 1,152 MW Vogtle Nuke Unit 1 in Georgia Ramped Up to 93 Percent by December 14**

The Nuclear Regulatory Commission reported that on the morning of December 13 the unit was operating at 77 percent. The unit was shut on December 9 after high turbine vibration was detected.

<http://www.reuters.com/article/idUSN1419156720091214?type=marketsNews>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

### **Update: Exelon's 1,111 MW La Salle Nuke Unit 2 in Illinois at Full Power by December 14**

The Nuclear Regulatory Commission reported that on the morning of December 13 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/2009/>

### **Update: Dominion's 917 MW North Anna Nuke Unit 2 in Virginia Ramped Up to 96 Percent by December 13**

The Nuclear Regulatory Commission reported that on the morning of December 12 the unit was not operating. The unit was shut on December 9 following an electrical problem

[http://www2.timesdispatch.com/rtd/news/local/article/NUKEGAT14\\_20091214-085001/311500/](http://www2.timesdispatch.com/rtd/news/local/article/NUKEGAT14_20091214-085001/311500/)

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

### **Update: Entergy's 858 MW Arkansas Nuclear Unit 2 in Arkansas at Full Power by December 14**

The Nuclear Regulatory Commission reported that on the morning of December 13 the unit was operating at 70 percent. The unit was shut on December 8 due to low steam generator levels.

<http://www.reuters.com/article/idUSN1420434020091214?type=marketsNews>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

### **Bruce Power's 750 MW Bruce Nuke Unit 4 in Ontario Shut by December 14**

Reuters, 08:21 December 14, 2009

## ***Petroleum***

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### **FCCU and Hydrotreater Shut at BP's 475,000 b/d Texas City, Texas Refinery December 12**

The units were shut for work.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=133165>

<http://online.wsj.com/article/BT-CO-20091213-704479.html>

Reuters, 10:59 December 14, 2009

Reuters, 17:32 December 13, 2009

### **Several Units Shut Due to Power Loss at Sunoco's 160,000 b/d Toledo, Ohio Refinery December 12**

Sunoco began to restart several units once power was restored on December 12.

Reuters, 11:09 December 14, 2009

### **ConocoPhillips's 146,000 b/d Borger Refinery in Texas Experiences Power Failure December 12**

Power has been restored to the refinery.

<http://online.wsj.com/article/BT-CO-20091214-705927.html>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=133154>

## Natural Gas

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### Range Resources Completes Third Phase of Expansion Project at Marcellus Shale in Pennsylvania

The expansion will increase the total capacity in the region to about 180 MMcf/d. The third phase includes an additional 120 MMcf/d of cryogenic gas processing capacity, 20 miles of gathering pipelines, and additional compression.

<http://www.reuters.com/article/idUSSGE5BD0QB20091214?type=marketsNews>

## Other News

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### Ethanol Spill Reported at Biofuel Energy's 115 MMgal/yr Pioneer Trail Ethanol Plant in Illinois December 11

A 18,000 gallon spill was reported late Friday, and was cleaned up by Saturday afternoon

<http://ethanol-news.newslib.com/story/6938-34153/>

## Energy Prices

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U.S. Oil and Gas Prices December 14, 2009			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	69.82	74.80	46.45
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	5.21	4.53	5.56

Source: Reuters

## Energy Notes

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### San Diego Gas & Electric Reports 21,886 Customers Lost Power in California by Early December 14, Cause Under Investigation, Still 2,061 Customers Out as of 4:00 PM EST, December 14

<http://www.sdge.com/outages/outageDetailsLists.shtml>

### Equipment Failure Reported at 247,000 b/d ConocoPhillips's 247,000 b/d Sweeny, Texas Refinery December 12

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=133164>

### ExxonMobil Reports Process Upset at its 149,500 b/d Torrance, California Refinery December 11, Upset Had No Affect on Production

<http://online.wsj.com/article/BT-CO-20091214-705927.html>

### Compressor Tripped, Shut at Valero's 142,000 b/d Corpus Christi, Texas Refinery December 13

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=133156>

Bloomberg News, 05:03 December 13, 2009

### USCG Shuts Houston Ship Channel Traffic Due to Dense Fog December 11

Reuters, 12:21 December 14, 2009

## **U.S. Crude Demand to Remain Near Current Levels of 19 MMb/d through 2035 – Energy Information Administration (EIA)**

Reuters, 12:17 December 14, 2009

## **Enbridge's Crude Pipeline from Alberta to Wisconsin Reduced to 90,787 b/d on December 10 from about 370,000 b/d on December 9**

<http://www.reuters.com/article/idUSN1114521020091211?type=marketsNews>

## **ConocoPhillips Shuts Products Pipeline Which Spilled 1,200 Barrels in Billings, Montana December 14**

Bloomberg News, 12:40 December 14, 2009

## **New Data from Monitoring Stations will Allow Pennsylvania DEP to Monitor Pollution from Gas Drilling in Marcellus Shale**

<http://thedailyreview.com/news/federal-agency-to-start-monitoring-network-to-detect-pollution-from-natural-gas-drilling-1.477188>

## **Turbine Shut at 160 MMcf/d Goldsmith Gas Plant in Texas December 13**

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=133169>

## **Xcel Energy Reports Rupture in 20-inch Gas Line in Colorado December 11, Repairs Complete by December 12**

[http://www.denverpost.com/news/ci\\_13984490](http://www.denverpost.com/news/ci_13984490)

## **Update: FERC Approves Blue Sky's Proposed 4.4 Bcf Colorado Gas Storage Project in Colorado**

from NGI's Daily Gas Price Index December 14, 2009, <http://intelligencepress.com/>

## **Amine Unit Upset, AGI Shut at Sneed Booster Station in Texas December 12**

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=133166>

## **GAO Reports Water Demand for Corn Ethanol Crops Places Additional Strain on Constrained Supplies, More Studies Needed to Determine True Effects**

[http://www.pantagraph.com/business/article\\_a9661898-e669-11de-9796-001cc4c03286.html](http://www.pantagraph.com/business/article_a9661898-e669-11de-9796-001cc4c03286.html)

## **Nigerian Crude Production to Reach 2.087 MMb/d, Could Peak at 2.506 MMb/d in 2010 Fiscal Year – Nigerian Official**

[http://www.rigzone.com/news/article.asp?a\\_id=84000](http://www.rigzone.com/news/article.asp?a_id=84000)

## **Baku-Tbilisi-Ceyhan (BTC) Crude Pipeline to Transport 22.5 MMbbls of Crude in January 2010 from Azerbaijan to Turkey, Down from 27.35 MMbbls in November**

<http://online.wsj.com/article/BT-CO-20091208-709026.html>

## **Natural Gas Supplies from Russia to Armenia Shut after Bomb Found Near 2 Bcf/yr Pipeline**

<http://news.bbc.co.uk/2/hi/europe/8411261.stm>

## 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>

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