



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

# ENERGY ASSURANCE DAILY

Monday Evening, December 07, 2009

## ***Electricity***

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### **Snow Storm Knocks Out Power to 44,000 Pacific Gas & Electric Customers in California December 7**

<http://www.kcra.com/mostpopular/21884696/detail.html>

### **Wind Storm Knocks Out Power to about 10,000 Seattle City Light and 8,000 Puget Sound Energy Customers in Washington and 11,000 PGE Customers in Oregon December 5**

<http://www.king5.com/news/local/Freezing-temperatures-in-the-Northwest-this-week--78680742.html>

<http://www.katu.com/news/local/78645267.html>

### **Idaho Power Reconsiders Transmission Route through Oregon**

Idaho Power originally considered constructing a transmission line along Interstate 84 in Oregon, but has changed plans to build the line through the south-central part of the state. The line will connect from Idaho and run along the Columbia River.

[http://www.kivitv.com/Global/story.asp?S=11619981&nav=menu536\\_1\\_4](http://www.kivitv.com/Global/story.asp?S=11619981&nav=menu536_1_4)

### **FPL's 1,155 MW Seabrook Nuke Unit 1 in New Hampshire Shut by December 7**

The Nuclear Regulatory Commission reported that on the morning of December 6 the unit was operating at 65 percent. The unit had been operating at 65 percent since mid-November due to a vibration in a low pressure turbine.

<http://in.reuters.com/article/oilRpt/idINN077514920091207>

Information also derived from the NRC Power Reactor Status Reports:

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

### **TXU's 750 MW Martin Lake Coal-fired Unit 3 in Texas Shut December 5**

The unit was shut for boiler tube repairs.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=132717>

### **AES's 226 MW Huntington Gas-fired Unit 1 in California Reduced by December 4, Returns to Service by December 5**

According to the California Independent System Operator, the unit reported an unplanned curtailment of 206 MW on December 4.

<http://www.caiso.com/unitstatus/data/unitstatus200912041515.html>

<http://www.caiso.com/unitstatus/data/unitstatus200912051515.html>

### **Update: APS's 1,247 MW Palo Verde Nuke Unit 3 in Arizona Ramped Up to 12 Percent by December 6**

The unit was shut December 3 due to a problem with a containment isolation valve.

<http://uk.reuters.com/article/idUKN0712587220091207>

Information also derived from the NRC Power Reactor Status Reports:

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

### **Update: PPL's 1,105 MW Susquehanna Nuke Unit 1 in Pennsylvania Ramped Up to 94 Percent by December 5**

The Nuclear Regulatory Commission reported that on the morning of December 4 the unit was operating at 81 percent. The unit was reduced on December 1 after the failure of a river water supply line flooded the power station.

<http://www.reuters.com/article/idUSN0254897320091202>

Information also derived from the NRC Power Reactor Status Reports:

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

### **Update: AEP's 675 MW Pirkey Coal-fired Unit in Texas to Restart December 7**

The unit was shut on October 16 when planned maintenance was started a week earlier than planned..

Reuters, 13:14 December 7, 2009

### **TXU's 565 MW Monticello Coal-fired Unit 2 in Texas Restarts December 5**

The unit was shut for boiler tube leak repairs.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=132761>

### **San Miguel's 400 MW San Miguel Coal-fired Unit 1 in Texas Restarts December 5**

The unit shut due a failed pump.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=132883>

### **TXU's 575 MW Big Brown Coal-fired Unit 2 in Texas Restarts December 4**

The unit tripped due to a failure in the back up generator breakers.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=132820>

## ***Petroleum***

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### **Boiler Failure and Explosion Kills One, Injures Two at Valero's 199,500 b/d Texas City, Texas Refinery December 4**

The incident occurred around 9:00 PM local time on Friday. The extent of the damage and the cause is currently under investigation by OSHA. The U.S. Chemical Safety Board decided not to investigate the incident because there was no release of hazardous chemicals.

<http://www.kbmt12.com/news/state/78592872.html>

<http://www.chron.com/dispatch/story.mpl/headline/metro/6754237.html>

Reuters, 18:37 December 6, 2009

### **Holly Refining Completes Upgrades at its 25,050 b/d Woods Cross, Utah Refinery**

Holly Refining completed upgrades to the flares on December 1, which will reduce emissions. Holly Refining recently installed a new gas plant compressor to replace an older one. The old compressor experienced periodic failures that caused emissions events.

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=19772](http://www.downstreamtoday.com/news/article.aspx?a_id=19772)

### **Chevron's and Tesoro's Salt Lake City, Utah Refineries Operating at Normal Capacity December 4**

The 58,000 b/d Tesoro refinery tripped and flared December 3. Chevron reported that the sulfur recovery unit at its 45,000 b/d refinery is operating normally after a "short incident".

Bloomberg News, 19:50 December 4, 2009

### **Power Failure Briefly Shuts FCCU at Delek's 58,000 b/d Tyler, Texas Refinery December 4**

Reuters, 16:42 December 4, 2009

### **Update: Husky Energy's Lima, Ohio Refinery Operating at 110,000 b/d Capacity December 7**

The isocracking unit at the 160,000 b/d refinery was damaged in a fire in November.

Reuters, 11:16 December 7, 2009

## Natural Gas

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### U.S. Department of Transportation (DOT) Announces New Pipeline Safety Regulations

The new rules will require natural gas pipeline operations to adopt integrity management programs, similar to requirements for large transmission pipelines

<http://www.dot.gov/affairs/2009/dot18609.htm>

### Spectra Energy Plans 250 MMcf/d Fort Nelson North Gas Project in British Columbia, Canada

The project involves construction of a gas plant and facilities to process shale gas from the Horn River Basin. The facility is expected to be operationally in 2012.

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=19759](http://www.downstreamtoday.com/news/article.aspx?a_id=19759)

### Cold Weather Shuts 290 MMcf/d Waha Gas Plant in Texas December 4

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=132865>

### SRU Shut at 50 MMcf/d East Vealmoor Gas Plant in Texas December 5

The unit and an incinerator shut due to a failure of the incinerator fire eye.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=132870>

## Other News

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Nothing to Report.

## Energy Prices

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U.S. Oil and Gas Prices			
December 7, 2009			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	74.80	76.80	41.10
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.53	3.32	6.65

Source: Reuters

## Energy Notes

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### Storm Knocks Out Power to about 23,000 Nova Scotia Power Customers in Nova Scotia December 6

<http://thechronicleherald.ca/NovaScotia/1156507.html>

### Equipment Failure Reported at Brownsville's 59 MW Silas Ray Gas-fired Unit 9 in Texas December 5

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=132875>

### Ocean Power Technology Plans Wave Energy Farm Offshore Oregon

[http://www.oregonlive.com/business/index.ssf/2009/12/oregonians\\_build\\_wave\\_energy\\_b.html](http://www.oregonlive.com/business/index.ssf/2009/12/oregonians_build_wave_energy_b.html)

**SRU Malfunction Causes Flaring at Alon's 67,000 b/d Big Spring, Texas Refinery  
December 4**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=132862>

**Koch Pipeline's Pipeline Leaks 210,000 Gallons of Crude in Minnesota December 5**

[http://www.brainerddispatch.com/stories/120509/new\\_20091205053.shtml](http://www.brainerddispatch.com/stories/120509/new_20091205053.shtml)

**Empty Crude Tanker Truck Overtums, Affects Traffic on Route 3 in Massachusetts  
November 7**

<http://www.necn.com/Boston/New-England/2009/12/07/Oil-tanker-rollover-in/1260188007.html>

**Update: FERC Approves Pipeline for Port Dolphin LNG Receiving Terminal Offshore  
Florida**

from NGI's Daily Gas Price Index December 07, 2009, <http://intelligencepress.com/>

**AGI Shuts, Causes Flaring at 290 MMcf/d Waha Gas Plant in Texas December 6**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=132884>

**Turbine Trips at Fullerton Gas Plant, Causes Flaring at Andrews Booster Station in Texas  
December 6**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=132872>

**Compressors Shut, Causes Flaring at Waddell Compressor Station December 5**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=132866>

**Update: Canadian Environmental Assessment Agency to Fund \$600,000 for Environmental  
Review of Enbridge's Proposed Crude Northern Gateway Pipeline Project in Canada**

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=19770](http://www.downstreamtoday.com/news/article.aspx?a_id=19770)

**OPEC to Keep Crude Exports Steady, OPEC Exported 26.65 MMb/d in November**

[http://www.rigzone.com/news/article.asp?a\\_id=83349](http://www.rigzone.com/news/article.asp?a_id=83349)

**Nigeria Producing 2.6 MMb/d of Crude and Has Output Capacity of 3.6 MMb/d – Senior  
Official**

Reuters, 10:01 December 7, 2009

**ICC International Maritime Bureau Reports a Number of Violent Vessel Attacks Offshore  
Nigeria**

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=19764](http://www.downstreamtoday.com/news/article.aspx?a_id=19764)

## **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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