



# ENERGY ASSURANCE DAILY

Monday Evening, January 28, 2008

## *Electricity*

---

### **TVA's 1,118 MW Browns Ferry Nuke Unit 2 in Alabama at Full Power by January 28**

The unit slowed to 86 percent of capacity by the morning of January 27, down from full power on the morning of January 26, the Nuclear Regulatory Commission (NRC) said. It ramped up to full power by morning, January 28. Information derived from the NRC Power Reactor Status Reports:

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

### **Exelon's 1,111 MW La Salle Nuke Unit 1 in Illinois Reduced to 55 Percent by January 26**

The Nuclear Regulatory Commission reported that on the morning of January 25 the unit was operating at 78 percent of capacity.

Information derived from the NRC Power Reactor Status Reports:

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

### **Energy Northwest's 1,107 MW Columbia Nuclear Generating Station in Washington at Full Power by January 28**

The unit slowed to 66 percent of capacity by the morning of January 27, down from 85 percent power on the morning of January 26, according to the Nuclear Regulatory Commission (NRC). It ramped up to full power by morning, January 28.

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

### **Progress Energy's 872 MW Brunswick Nuke Unit 1 in North Carolina at Full Power by January 28**

The unit slowed to 86 percent of capacity by the morning of January 27, down from full power on the morning of January 26, the Nuclear Regulatory Commission (NRC) said. It ramped up to full power by morning, January 28.

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

### **Progress Energy's 834 MW Crystal River Nuke Unit 3 in Florida at 98 Percent January 28**

The unit slowed to 65 percent of capacity by the morning of January 27, down from 98 percent power on the morning of January 26, according to the Nuclear Regulatory Commission (NRC). It ramped up to 98 percent by morning, January 28.

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

### **Entergy's 813 MW FitzPatrick Nuke Unit in New York at 85 Percent January 28**

The unit slowed to 62 percent of capacity by the morning of January 26, down from full power on the morning of January 25, according to the Nuclear Regulatory Commission (NRC). It ramped up to 85 percent by morning, January 28.

Information derived from the NRC Power Reactor Status Reports:

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

### **Progress Energy's 811 MW Brunswick Nuke Unit 2 in North Carolina at Full Power by January 27**

The unit slowed to 65 percent of capacity by the morning of January 26, down from full power on the morning of January 25, according to the Nuclear Regulatory Commission (NRC). It ramped up to full power by morning, January 27.

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

## **Duke's 756 MW Moss Landing Gas-fired Unit 7 in California Returns to Service January 25**

According to the California Independent System Operator, the unit experienced an unplanned curtailment of 381 MW on January 25.

<http://www.caiso.com/unitstatus/data/unitstatus200801251515.html>

## **NRG's 335 MW El Segundo 3 Gas-fired Unit in California Shut January 27**

Reuters, 9:44 January 28, 2008

## **Luminant to Restore 793 MW Martin Lake Coal-fired Unit 2 January 28**

According to a filing with state regulators, Luminant shut the unit January 26 to repair a condenser tube leak. Luminant planned to restart the unit January 27, and return it to service by morning, January 28.

<http://www2.tceq.state.tx.us/eeer/main/index.cfm?fuseaction=getDetails&target=102814>

<http://www2.tceq.state.tx.us/eeer/main/index.cfm?fuseaction=getDetails&target=102817>

## **XEL's 364 MW Harrington Coal-fired Unit in Texas Shut January 25**

Reuters, 18:28 January 25, 2008

## **Sempra's 625 MW Termoelectrica Gas-fired Unit in Baja Mexico Shut January 27**

Reuters, 9:44 January 28, 2008

## **Bruce's 840 MW Bruce 8 Nuke Unit in Ontario Shut January 28**

Reuters, 9:44 January 28, 2008

## **Bruce's 840 MW Bruce 7 Nuke Unit in Ontario Shut January 28**

Reuters, 9:44 January 28, 2008

## **In Next Decade, 17 Major Transmission Projects Needed to Meet North Carolina Electricity Demand—Utility Planners**

North Carolina needs 17 new, major transmission projects by 2017, a utility group said, to meet its growing population's electricity demand. The recommendations came as part of the North Carolina Transmission Planning Cooperative's 2007-2017 Collaborative Transmission Plan. Last year, the same group identified just 14 new projects. A spokesman said the three added projects reflect the state's booming population.

Reuters, 16:05 January 25, 2008

## **Idaho Power Requesting 50-100 MW of Geothermal Power by 2011**

The utility is seeking bids for 50 MW to 100 MW of new geothermal power generation. It filed a request for proposals January 25, and hopes to have the new power online by June, 2011.

<http://www.platts.com/Electric%20Power/News/6737207.xml?p=Electric%20Power/News&sub=Electric%20Power>

## **Update: SCE&G Postpones Plans to File for New Nuclear Power Plants in South Carolina**

South Carolina Electric & Gas postponed plans to file with the Nuclear Regulatory Commission for two new reactors at its Summer, South Carolina site, a company spokesman said.

<http://www.platts.com/Nuclear/News/6737109.xml?p=Nuclear/News&sub=Nuclear>

## ***Petroleum***

---

## **Update: Valero's 275,000 b/d Aruba Refinery Still Shut After Fire January 25 Company to Restart Facility without Damaged Tower**

According to a company representative, Valero will restart the facility without a fire-damaged vacuum tower. The company is keeping some units running to facilitate the restart process. Once restarted, the refinery will operate at reduced rates until the vacuum tower is repaired. The 275,000 barrel per day refinery shut down all process units on January 25 following a fire. The company has not indicated a timetable for the restoration.

Reuters, 09:58 January 28, 2008

Reuters, 12:29 January 28, 2008

## PDVSA's 640,000 b/d Amuay, Venezuela Refinery at Normal Operations

According to a news source, Petroleos de Venezuela SA (PDVSA) announced that it restarted all production units at the refinery. An electrical failure reduced operations at Amuay January 12.  
Bloomberg, 14:31 January 26, 2008

## Natural Gas

---

### MarkWest Plans 50-mile, 500 MMcf/d Natural Gas Pipeline in Oklahoma

The 30-inch Arkoma Connector Pipeline would connect the Woodford Shale natural gas gathering system in Oklahoma to the proposed 1.4 Bcf/d Midcontinent Express Pipeline in Bennington, Oklahoma. MarkWest Energy Partners has agreements to move more than 500 MMcf/d of natural gas, the company said. It submitted an application for the project with the Federal Energy Regulatory Commission, according to a press release.

Bloomberg, 12:22 January 28, 2008

<http://www.markwest.com/files/MWE/MWE%20Arkoma%20Connector%20MEP%20Press%20Release%20FINAL.pdf>

## Other News

---

### Xethanol Receives Grant for Demonstration Cellulosic Ethanol Plant in Florida Cancels Other Proposed Plants in Georgia, North Carolina

Xethanol Corp received a state grant to build a demonstration cellulosic ethanol plant in Florida, the company said January 25. The plant would derive ethanol from orange waste. Separately last week, Xethanol said it would sell two planned cellulosic ethanol facilities—one in Georgia and another in North Carolina.

Reuters, 13:24 January 25, 2008

## Energy Prices

---

| U.S. Oil and Gas Prices  |       |          |          |
|--|-------|----------|----------|
| January 28, 2008   |       |          |          |
|  | Today | Week Ago | Year Ago |
| <b>CRUDE OIL</b><br><b>West Texas Intermediate U.S.</b><br>\$/Barrel | 89.79 | 90.01    | 55.08    |
| <b>NATURAL GAS</b><br><b>Henry Hub</b><br>\$/Million Btu             | 7.80  | 8.10     | 7.18     |

Source: Reuters

## Energy Notes

---

### NRC Okays Progress Energy's Proposal to Boost Capacity at 838 MW Crystal River Nuclear Power Plant in Florida—Progress to add 12 MW of New Generation

[http://pro.energycentral.com/professional/news/power/news\\_article.cfm?id=9635868](http://pro.energycentral.com/professional/news/power/news_article.cfm?id=9635868)

### Update: Regulators Grant Air Permit in Duke Energy's Bid for 630 MW Coal Gasification Power Plant at Edwardsport Station in Indiana

[http://pepei.pennnet.com/display\\_article/318364/6/ARTCL/none/none/1/Duke-receives-air-permit-for-coal-gasification-power-plant/](http://pepei.pennnet.com/display_article/318364/6/ARTCL/none/none/1/Duke-receives-air-permit-for-coal-gasification-power-plant/)

**Winter Weather Drives Power Generation in Week Ending January 24  
3.87 Percent Higher than Same Week, 2007**

Reuters, 12:27 January 28, 2008

**Power Failure at El Paso Western Pipelines' Colorado Springs Office  
Company Moving to Disaster Recovery Site, to Resume Normal Operations**

<http://ebb.cigco.com/ebbCIG/Notices/NoticeView.asp?sPipelineCode=CP&sSubCategory=Critical&sNoticeId=245>

**Leak, Subsequent Pressure at Sasol's Natural Gas Storage Cavern in Louisiana to Blame  
for Blowout at Yellow Rock's Oil Well in 2004—Jury Awards Damages**

PRN, 11:30 January 28, 2008

**Update: ConocoPhillips Asks Alaska Governor to Re-Evaluate Proposal for 4 Bcf/d  
Natural Gas Pipeline from North Slope to Lower-48 States, Southern Markets**

Reuters, 13:22 January 25, 2008

**Update: ConocoPhillips to Restart J-Block O&G Fields in U.K. North Sea January 28**

[http://money.cnn.com/news/newsfeeds/articles/djf500/200801280656DOWJONESDIONLINE000213\\_FORTUNE5.htm](http://money.cnn.com/news/newsfeeds/articles/djf500/200801280656DOWJONESDIONLINE000213_FORTUNE5.htm)

**Iraq Suspends Crude Exports to Turkey in Plan to Slow Saboteurs January 28  
Will Halt Crude Movement on Intermittent Basis as Ceyhan Reaches Certain Levels, Oil  
Minister Says**

<http://www.guardian.co.uk/feedarticle?id=7261742>

Reuters, 06:38 January 28, 2008

**Problems Delay Some Crude Shipments at Nigeria's Bonny Export Terminal  
NNPC Has Not Declared Force Majeure, Spokesman Says**

<http://www.businessdayonline.com/energy/2651.html>

**Speculation to Blame for High Oil Prices and Market Volatility—OPEC**

<http://www.platts.com/Oil/News/8492847.xml?p=Oil/News&sub=Oil>

**Top Natural Gas Producers to Mull Forming "Gas OPEC" at Moscow Summit in June**

<http://www.ft.com/cms/s/d60c283a-cb70-11dc-97ff-000077b07658.html>

**As LNG Opens Natural Gas Market to International Trade, Africa Emerging as Key  
Supplier—Continent Holds Eight Percent of Global Reserves, Some Say**

<http://www.ft.com/cms/s/0/f7fb2c98-cd41-11dc-9b2b-000077b07658.html>

**Pan American Energy Discovers Oil Reserves of About 120 Million Barrels in Argentina's  
Escalante Basin January 26**

Reuters, 15:35 January 26, 2008

**After Three Week Halt, Iran Restarts Natural Gas Exports to Turkey**

Reuters, 10:19 January 27, 2008

## **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**

*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/index.aspx>.

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