



# ENERGY ASSURANCE DAILY

Thursday Evening, April 02, 2009

## **Electricity**

---

### **FPL's 839 MW Saint Lucie Nuke Unit 2 in Florida Shut by April 2**

FPL shut the unit after an influx of algae and seaweed lowered a condenser vacuum, according to a filing with the Nuclear Regulatory Commission (NRC). It was not clear from the filing when the unit might return to service. The NRC reported that on the morning of April 1 the unit was operating at full power.

Bloomberg News, 07:14 April 2, 2009

Information also derived from the NRC Power Reactor Status Reports:

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

### **Update: PSEG's 1,096 MW Salem Nuke Unit 1 in New Jersey at Full Power by April 2**

Public Service Enterprise Group (PSEG) shut the unit on March 27 to fix a condenser's water chemistry, according to a news source. The Nuclear Regulatory Commission reported that on the morning of April 1 the unit was operating at 85 percent.

Information derived from the NRC Power Reactor Status Reports:

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

<http://uk.reuters.com/article/governmentFilingsNews/idUKN3139300620090331>

### **Update: Entergy's 966 MW River Bend Nuke Unit 1 in Louisiana at Full Power by April 2**

The Nuclear Regulatory Commission reported that on the morning of April 1 the unit was operating at 88 percent.

Information derived from the NRC Power Reactor Status Reports:

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

### **TransAlta's 406 MW Sundance Coal-fired Unit 4 in Alberta Shut March 2**

Bloomberg News, 14:12 April 2, 2009

### **Enmax's 250 MW Calgary Gas-fired Unit in Alberta Shut by April 1**

Reuters, 9:08 April 2, 2009

### **First Wind Opens 125 MW Cohocton Wind Project in New York**

The project consists of fifty 2.5 MW turbines. It began generating commercial electricity in January, 2009.

<http://www.firstwind.com/aboutFirstWind/news.cfm?ID=c767d365%2D5088%2D4c50%2D915b%2D3026c24ce684&test>

### **Invenergy Wind Plans 110 MW Wind Farm in Illinois**

The "Grand Ridge Energy Center" would include 74 wind turbines and generate more than 110 MW of power, according to a press release.

[http://www.gepower.com/about/press/en/2009\\_press/040209.htm](http://www.gepower.com/about/press/en/2009_press/040209.htm)

### **Update: Chevron Shuts Two Alaskan Oil Platforms on Volcano Concerns**

Chevron shut-in its Anna and Bruce offshore oil platforms and reduced production at its Dolly Varden location, more than one week after the Mount Redoubt volcano erupted in Alaska. The volcano also caused severe flooding and volcanic mudflows at Chevron's Drift River terminal—shut since March 23—but none of the stored oil appears to have spilled, as of latest reports. To avoid any incident, Chevron is working with state officials to remove up to 148,000 barrels of oil from the site. A vessel is slated to arrive at the terminal on April 4, and possibly offload some of the crude.

Bloomberg News, 10:41 April 2, 2009

### **Snag Slows Crude Unit at Alon's 67,000 b/d Big Spring, Texas Refinery April 1-2**

A release valve malfunctioned, slowing a crude unit and triggering flaring at Alon's 67,000 b/d Big Spring Texas refinery on April 1, a news source reported. The incident occurred late on April 1, and operators began restoring the crude unit at 2 AM on April 2, a spokesman said. The refinery was operating normally within hours.

Bloomberg News, 09:14 April 2, 2009

### **Enterprise Products Partners Begins Service on 230,000 b/d Shenzi Oil Pipeline in Gulf of Mexico by April 2**

Enterprise Products Partners began service along its 230,000 b/d, 20-inch, 83-mile Shenzi crude oil pipeline in the Gulf of Mexico, the company announced April 2. The line connects the BHP Billiton-operated Shenzi oil field to a junction platform, linking Shenzi producers with existing Enterprise-operated pipeline systems.

<http://phx.corporate-ir.net/phoenix.zhtml?c=80547&p=RssLanding&cat=news&id=1272808>

### **Enbridge Completes Stage 2 Expansion along Lakehead Oil Pipeline in Wisconsin and Illinois**

Enbridge Energy Partners completed its 139-mile, 42-inch Southern Access expansion project, boosting throughput along its existing Lakehead Pipeline crude oil system to 400,000 b/d, the company said in a release yesterday. The Lakehead line, including the latest build, stretches 460 miles, from Superior, Wisconsin to Flanagan, Illinois.

[http://www.enbridgeus.com/Reports/reportif\\_partners.aspx?pl=0&rptSite=5&rpt=%2fphoenix.zhtml%3fc%3d63707%26p%3dirol-news%26nyo%3d0&tmi=475&tmt=5](http://www.enbridgeus.com/Reports/reportif_partners.aspx?pl=0&rptSite=5&rpt=%2fphoenix.zhtml%3fc%3d63707%26p%3dirol-news%26nyo%3d0&tmi=475&tmt=5)

### **Cairn Energy to Begin Production at Planned 125,000 b/d Mangala Oilfield in India**

Cairn Energy expects to begin production within six months, and ramp output up to 125,000 b/d from 2010, the company said.

[http://www.rigzone.com/news/article.asp?a\\_id=74598](http://www.rigzone.com/news/article.asp?a_id=74598)

### **Piceance Basin in Colorado Holds About 1.525 Trillion Barrels of Oil Shale—USGS**

The Piceance Basin in western Colorado holds about 1.525 trillion barrels of in-place oil shale resources, according to a report from the U.S. Geological Survey (USGS). The figure marks an approximately 50 percent increase from the group's previous estimate, released in 1989. The USGS attributed that jump mostly to "assessments of new geographic areas and subsurface zones that had too little data for previous research and assessments."

<http://www.usgs.gov/newsroom/article.asp?ID=2182>

## **Natural Gas**

---

### **Enterprise Products Partners Installs Two 8-inch NGL Pipelines in Louisiana**

The lines run from Enterprise Products Partners' Norco fractionation facility west of New Orleans, Louisiana to refineries and petrochemical plants in southern Louisiana, the company said in a release. One of the pipelines is dedicated to a Garyville, Louisiana refinery.

<http://phx.corporate-ir.net/phoenix.zhtml?c=80547&p=RssLanding&cat=news&id=1272337>

## **PNGS Boosts Natural Gas Storage Capacity to 13.8 Bcf at Pine Prairie Facility in Louisiana**

PAA Natural Gas Storage, LLC (PNGS) opened the second of three natural gas storage caverns at its Pine Prairie facility in Louisiana, increasing the site's aggregate working storage capacity to approximately 13.8 Bcf, according to an April 1 release. The company expects to begin service at a third cavern during the second quarter of 2010. It was not clear how large that cavern would be, but the company did note that the facility holds permits to store a combined-24 Bcf of natural gas. PNGS is jointly-owned by Plains All American Pipeline and Vulcan Capital. <http://www.b2i.us/profiles/investor/ResLibraryView.asp?BzID=789&ResLibraryID=29277&Category=117>

## **Other News**

---

Nothing to report.

## **Energy Prices**

---

<b>U.S. Oil and Gas Prices</b>			
April 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	52.25	52.94	101.06
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.56	4.13	9.92

Source: Reuters

## **Energy Notes**

---

**Update: NRC Rejects Challenges to Proposed License Renewal at Exelon's 641 MW Oyster Creek Nuclear Power Plant in New Jersey—NRC Expects to Issue Renewal Soon**  
<http://www.platts.com/Nuclear/News/7774161.xml?p=Nuclear/News&sub=Nuclear>

**Enbridge, EPCOR Seeks Government Funding for two Coal-fired Power Plants and Associated Carbon-Capture Projects in Alberta, Canada**  
DJN, 12:16 April 2, 2009

**International Community to Install More than 150 Million Smart Meters over Next Five Years—Analyst**  
<http://online.wsj.com/article/SB123855858310477279.html>

**Propane Tanker Overturms, Forces Shut Portion of Highway 64 in New Mexico March 31**  
[http://www.krqe.com/dpp/news/environment/environment\\_krqe\\_taos\\_propane\\_tanker\\_rollover\\_closes\\_us\\_64\\_2009\\_03312122](http://www.krqe.com/dpp/news/environment/environment_krqe_taos_propane_tanker_rollover_closes_us_64_2009_03312122)

**Update: Anadarko to Begin Oil Output in 2011 at Proposed 40,000 b/d Caesar Tonga Development in Gulf of Mexico**  
[http://www.rigzone.com/news/article.asp?a\\_id=74633](http://www.rigzone.com/news/article.asp?a_id=74633)

**MMS Plans O&G Lease Sale for Western Gulf of Mexico in August—Sites Could Produce Between 242-423 Million Barrels of Oil and 1.64-2.64 Tcf of Natural Gas**  
Reuters, 11:18 April 2, 2009

**U.S. Outer Continental Shelf Holds up to 115 Billion Barrels of Recoverable Oil, 565 Tcf of Natural Gas—Interior Department**

Bloomberg News, 12:34 April 2, 2009

**U.S. Oil Drilling Slides 43 Percent, Exploration Drops 38 Percent, Year-on-Year, by end of March 2009—News Source**

<http://www.purchasing.com/article/CA6648475.html>

**Mexican Crude Exports to Drop 18 Percent in 2010, Year-on-Year, to Total 1.125 Million b/d—Finance Ministry**

Reuters, 12:00 April 2, 2009

**Iraqi Basra Crude Exports Slip to 1 Million b/d on Technical Error April 2—Exports Stood at 1.56 Million b/d on April 1**

Reuters, 07:30 April 2, 2009

**Turbine Shutdown at Goldsmith Gas Plant in Texas April 1**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=122172>

**Power Failure Shuts Booster at Martin Gas Plant in Texas March 1-2**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=122181>

**New Generation Biofuels Begins Production at 5 MMGal/Yr. Biofuels Facility in Maryland**

[http://news.prnewswire.com/DisplayReleaseContent.aspx?ACCT=ind\\_focus.story&STORY=/www/story/04-02-2009/0004999629&EDATE=](http://news.prnewswire.com/DisplayReleaseContent.aspx?ACCT=ind_focus.story&STORY=/www/story/04-02-2009/0004999629&EDATE=)

**Weak Profit Margins to Blame as U.S. Ethanol Production Drops Almost 4 Percent, Month-on-Month, in January 2009—EIA**

Reuters, 16:08 April 1, 2009

**Oil Platform Helicopter Crashes in North Sea April 1—Eight Dead, Eight More Missing**

[http://www.rigzone.com/news/article.asp?a\\_id=74597](http://www.rigzone.com/news/article.asp?a_id=74597)

**Total Eyes 2018 Production Start-up at 10 Billion Barrel Bemolanga Heavy Oil Project in Madagascar**

[http://www.rigzone.com/news/article.asp?a\\_id=74601](http://www.rigzone.com/news/article.asp?a_id=74601)

## **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/ead.aspx>

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