



# ENERGY ASSURANCE DAILY

Monday Evening, April 09, 2012

## Electricity

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### **Update: Duke Energy Restores Power to Catawba Nuclear Plant in South Carolina April 5 after Offsite Power Loss April 4; 1,129 MW Catawba Nuclear Unit 1 Remains Shut April 9**

Duke Energy Corp. restored power to the Catawba Nuclear Station April 5, a day after the plant lost offsite power due to unknown reasons. Duke Energy declared an unusual event April 4 after Catawba Unit 1 automatically tripped due to the power loss, according to a filing with the U.S. Nuclear Regulatory Commission. On the morning of April 9, Unit 1 remained shut; a spokesman said the utility was going to complete its investigation into the cause of the power loss before restarting the unit. Unit 2 has been shut for a planned refueling outage since March 10.

<http://finance.yahoo.com/news/power-back-sc-nuclear-plant-150730740.html>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2012/>

<http://www.lakewyliepilot.com/2012/04/09/1492459/duke-probes-power-loss-at-nuclear.html>

### **Update: OPPD Likely to Delay Restart of 482 MW Fort Calhoun Nuclear Plant in Nebraska until Fall 2012 for Continued Inspections, Repairs – NRC**

The U.S. Nuclear Regulatory Agency (NRC) on April 4 met with the Omaha Public Power District (OPPD) to discuss plans for continued, detailed inspections at the Fort Calhoun nuclear power plant through the summer, according to an NRC official. The NRC has said it now thinks the plant is unlikely to restart before the fall because of the extensive inspections and repairs needed. OPPD shut the plant for refueling in April 2011, and the plant remained shut since then due to spring and summer flooding along the Missouri River last year. NRC inspections have identified numerous problems with the plant unrelated to last year's flooding, and the agency has said that these problems, combined with the prolonged shutdown, require more oversight.

[http://www.wowt.com/news/headlines/Regulators\\_Fort\\_Calhoun\\_Plant\\_Unlikely\\_to\\_Open\\_Before\\_Fall\\_14621357\\_5.html?ref=575](http://www.wowt.com/news/headlines/Regulators_Fort_Calhoun_Plant_Unlikely_to_Open_Before_Fall_14621357_5.html?ref=575)

### **Update: Duke Energy's 846 MW Oconee Nuclear Unit 2 in South Carolina at Full Power by April 8 following Repairs**

Duke Energy began reducing output from Unit 2 on April 5 to repair a cooling water system leak on the unit, according to filings with the U.S. Nuclear Regulatory Commission. On the morning of April 7 the unit was operating at 6 percent.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2012/>

### **Update: Luminant's 1,150 MW Comanche Peak Nuclear Unit 2 in Texas Ramped Up to 99 Percent by April 7**

On the morning of April 6 the unit was operating at 52 percent.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2012/>

### **AES's 336 MW Alamosa Gas-Fired Unit 4 in California Returns to Service by April 7**

The unit returned from an unplanned outage that began by April 4.

<http://content.aiso.com/unitstatus/data/unitstatus201204041515.html>

<http://content.aiso.com/unitstatus/data/unitstatus201204071515.html>

### **Energy Northwest's 1,107 MW Columbia Generating Station Nuclear Unit in Washington Reduced to 85 Percent by April 7**

On the morning of April 6 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2012/>

## **NRC Environmental Review of Energy Northwest's 1,107 Columbia Generating Station Finds No Problems to Prevent Relicensing**

The U.S. Nuclear Regulatory Commission (NRC) on Friday released the final environmental impact statement and concluded its environmental review of Energy Northwest's Columbia Generating Station, as part of the utility's application to extend the plant's operating license. The NRC review indicated no issues preventing the extension of the license, and Energy Northwest expects a final decision on extending the plant's license in June. The plant's current 40-year license ends in December 2023, and a 20-year renewal would allow it to operate until 2043. In early March, the NRC concluded a safety evaluation, finding no open items that would prevent license renewal.

<http://www.bellinghamherald.com/2012/04/07/2471389/nrc-issues-final-report-on-columbia.html>

## **Babcock & Wilcox Company to Install Selective Catalytic Reduction System to Control NOx Emissions at Xcel Energy's 550 MW Coal-Fired Pawnee Power Plant in Colorado**

[http://www.babcock.com/news\\_and\\_events/2012/20120409a.html](http://www.babcock.com/news_and_events/2012/20120409a.html)

## ***Petroleum***

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### **ONEOK Partners to Build 200,000 b/d Bakken Crude Express Pipeline from Bakken Shale to Cushing, Oklahoma**

ONEOK Partners, L.P. today announced plans to build a 1,300-mile, 200,000 b/d crude oil pipeline, called the Bakken Crude Express Pipeline, to transport light-sweet crude oil from the Bakken Shale in the Williston Basin in North Dakota to the Cushing, Oklahoma oil market hub. Supply commitments for the proposed pipeline are in various stages of negotiation. Following receipt of all necessary permits and compliance with customary regulatory requirements, construction is expected to begin in late 2013 or early 2014 and be completed by early 2015. Based on supply commitments prior to construction, the capacity can be increased. Additionally, the proposed pipeline route will be well-positioned to transport crude oil production from the Niobrara Shale.

[http://ir.oneokpartners.com/phoenix.zhtml?c=104562&p=irol-newsArticle\\_Print&ID=1681027](http://ir.oneokpartners.com/phoenix.zhtml?c=104562&p=irol-newsArticle_Print&ID=1681027)

### **Diesel Hydrotreater Malfunction Trips Unit, Leads to Flaring 362,000 b/d ConocoPhillips's Wood River, Illinois Refinery April 7**

ConocoPhillips reported a diesel hydrotreater tripped on Saturday and led to flaring at its joint-venture refinery in Wood River, Illinois, according to a filing with the Illinois Emergency Management Agency.

<http://www.reuters.com/article/2012/04/08/refinery-operations-conoco-woodriver-idUSL2E8F84E320120408?feedType=RSS&feedName=industrialsSector&rpc=43>

### **ConocoPhillips Reports Unspecified Process Upset, Emissions at Its 146,000 b/d Borger, Texas Refinery April 8**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=166886>

## ***Natural Gas***

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Nothing to report

## ***Other News***

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Nothing to report

## International News

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### Explosion Hits Natural Gas Pipeline in Egypt Serving Jordan and Israel April 9; Line Has Been Shut Since February 5 Attack

An explosion on Monday hit a natural gas pipeline in Egypt that serves Jordan and Israel—the 14th attack on this line since the uprising against President Hosni Mubarak began last year—according to security sources. The pipeline has been shut since an explosion on February 5. The blast occurred in the northern Sinai Peninsula, at the entrance of the Mediterranean coastal town of Al-Arish. No group has claimed responsibility for the attack.

Reuters, 21:31 April 8, 2012

## Energy Prices

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U.S. Oil and Gas Prices			
April 9, 2012			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	100.96	104.65	111.87
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	1.98	2.00	4.12

Source: Reuters

## 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 and 1:00 PM Eastern Time every Wednesday.

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

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

Updated after 2:00 PM Eastern Time every Thursday.

### ENERGY ASSURANCE DAILY

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

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