



# ENERGY ASSURANCE DAILY

Tuesday Evening, April 08, 2008

## **Electricity**

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

Reuters, 20:32 April 7, 2008

### **FPL's 514 MW Point Beach Nuke-fired Unit 2 in Wisconsin Shut April 7**

Reuters, 20:32 April 7, 2008

### **Duke's 150 MW Southbay Gas-fired Unit 2 in California Shut April 7**

According to the California Independent System Operator, the unit experienced an unplanned outage on April 7.

<http://www.caiso.com/unitstatus/data/unitstatus200804071515.html>

### **Iberdrola Commissions Two New Wind Farms in U.S., Aggregate Capacity of 195 MW**

Iberdrola Renovables recently completed the commissioning of its new 150 MW MinnDakota wind farm located on the Minnesota-South Dakota border and its 45 MW Dillon wind farm located in southern California.

<http://www.tradingmarkets.com/.site/news/Stock%20News/1321296/>

### **Update: Entergy's 685 MW Pilgrim Nuke Unit in Massachusetts Ramped Up to 98 Percent Power April 8**

The unit was shut April 5 to fix a safety valve. According to the Nuclear Regulatory Commission, the unit was operating at 20 percent on April 7.

Information also derived from NRC Power Reactor Status Reports:

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

Reuters, 07:25 April 8, 2008

### **Entergy's 813 MW FitzPatrick Nuke Unit in New York Ramped Up to 50 Percent April 8**

According to the Nuclear Regulatory Commission, the unit was operating at 7 percent on April 7.

Information derived from NRC Power Reactor Status Reports:

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

### **FPL's 839 MW Saint Lucie 2 Nuclear Unit in Florida Running at Reduced Rates April 8**

The reactor was reduced in output during repairs to a debris filter screen system. The reactor was operating at 91 percent capacity April 8.

Bloomberg, 10:41 April 8, 2008

### **TransAlta's 406 MW Sundance 4 Coal-fired Unit in Alberta Shut April 8**

Reuters, 8:29 April 8, 2008

### **OPG's 515 MW Pickering 7 Nuke-fired Unit in Ontario Shut April 6**

The unit experienced an unplanned outage due to a faulty transformer. An Ontario Power Generation representative declined to estimate when the reactor would be restarted.

<http://www.thestar.com/Business/article/411171>

Reuters, 20:32 April 7, 2008

### **Update: OPG's 490 MW Nanticoke Coal-fired Unit 4 in Ontario Returns to Service April 8**

The unit was shut March 31 for maintenance.

Reuters, 08:09 April 8, 2008

## **Unusual Incident Reported at Dominion's 910 MW Millstone 2 Nuclear Unit in Connecticut April 6**

Approximately 1,000 gallons of water from the reactor coolant system flowed into a refueling water storage tank, leading operators at the plant to deem the incident "an unusual event," the lowest of four emergency classifications. The incident occurred during preparations for a refueling shutdown.

<http://www.wcbs880.com/pages/1956903.php?contentType=4&contentId=1842675>

## **DTE's 1,100 MW Fermi 2 Nuclear Plant Receives High Marks for Safety from NRC**

The Nuclear Regulatory Commission (NRC) reported that the Fermi 2 nuclear plant operated safely in 2007 despite the 14 inspection findings at the plant involving poor human performance.

<http://www.clickondetroit.com/news/15804122/detail.html?rss=det&psp=news>

## **NRC Requests Exelon's 640 MW Oyster Creek Nuclear Plant in New Jersey to Re-check Recirculation Nozzles April 7**

The Nuclear Regulatory Commission (NRC) is requesting Oyster Creek operators re-analyze five faulty water recirculation nozzles on the reactor vessel at the plant. The NRC is concerned the nozzles will undergo too much metal fatigue over the years. The equipment check is necessary for Oyster Creek's 20-year license renewal. A representative for Oyster Creek is confident that the nozzles will meet code requirements and will not hinder their renewal process.

<http://www.app.com/apps/pbcs.dll/article?AID=/20080407/NEWS/804070368>

## **New U.S. Nuclear Reactors Eight or More Years Away from Coming Online, Nuclear Energy Institute Reports**

Chief nuclear officer at the Nuclear Energy Institute recently reported that new nuclear power plants are more likely to come online in the US in the 2016-2017 timeframe. New projects currently under development are closer to eight or nine years away from completion and if the projects are successful, the chief nuclear officer says they will initiate a larger number of projects in the 2020 timeframe.

<http://www.platts.com/Nuclear/News/8642311.xml?p=Nuclear/News&sub=Nuclear>

## **Update: Wyoming-Colorado Intertie Project Plans June Open Season for 900 MW of Transmission Capacity Rights**

Trans-Elect Development Company, LLC and the Wyoming Infrastructure Authority, with the assistance of the Western Area Power Administration, are co-developing a new privately funded transmission line to access wind resources in Wyoming with a delivery to the PSCO Interconnect at the Pawnee Substation located in Morgan County, Colorado. Commercial operations on Wyoming-Colorado Intertie (WCI) are expected to commence in the 2012-2013 timeframe subject to state and federal regulatory approvals.

<http://www.wcintertie.com/wci/registration/index.cfm>

<http://www.electricityforum.com/news/apr08/Transmissionlinegoingtoopenauction.html>

## ***Petroleum***

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### **Sunoco's 194,000 b/d Marcus Hook, Pennsylvania Refinery Shut Down After Power Failure April 7**

The refinery was shut down at approximately 6:00 PM EST April 7 following a power failure. Although power was restored to the refinery at about 11PM, company officials have indicated that the refinery will not restart until the cause of the electrical failure is identified. As of this morning, crews were running safety checks and preparing for the restart.

Reuters, 09:18 April 8, 2008

Bloomberg, 08:58 April 8, 2008

### **Update: Crude Unit Expected to Restart ALON USA's 70,000 b/d Big Spring, Texas Refinery April 8**

The crude unit was shut April 7 following a fire.

Reuters, 16:29 April 8, 2008

### **Update: BP's 265,000 b/d Carson, California Refinery Operating Normally April 7**

As of April 7, sources familiar with the refinery operations report all units are operating. The hydrocracker and sulfur recovery unit (SRU) had suffered malfunctions on April 2 and 3.

Reuters, 14:26 April 7, 2008

### **Update: Hydrotreater Unit Returns to Service at ExxonMobil's 155,800 b/d Torrance, California Refinery April 7**

The company reports the hydrotreater shut following the April 4 fire at the refinery was placed back into service over April 5-6.

Bloomberg, 19:22 April 7, 2008

Reuters, 19:03 April 7, 2008

### **Marathon Begins Construction on Ultra-Low-Sulfur Diesel Project at its Canton, Ohio Refinery April 8**

Marathon Petroleum Company has begun construction on a \$160 million ultra low sulfur diesel (ULSD) project at its 73,000 b/d Canton, Ohio refinery.

<http://biz.yahoo.com/iw/080408/0384457.html>

### **EIA Forecasts U.S. Summer Gasoline Use to Drop for the First Time in 17 Years**

The Energy Information Administration (EIA) is forecasting that record gasoline prices and a slowing U.S. economy will reduce summer gasoline demand for the first time in 17 years. The EIA is forecasting U.S. gasoline prices will hit a monthly peak of \$3.60 per gallon in June 2008, helping to reduce gasoline demand by 0.4 percent this summer during the busy driving season as compared to last summer.

<http://www.eia.doe.gov/pub/forecasting/steo/oldsteos/apr07.pdf>

Reuters, 09:26 April 8, 2008

### **Russia to Face 50 Million Ton Shortage of Crude Exports by 2020**

Demand from Asian markets, increased domestic consumption and declining output are forecast to lead to a 50 million-ton shortfall in Russia's ability to export crude oil by 2020. Russia's state-controlled operator OAO 1

Bloomberg, 06:38 April 8, 2008

## ***Natural Gas***

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### **BP and ConocoPhillips Join Forces to Start 'Denali' Alaska Gas Pipeline Project – Work to Begin Immediately**

BP and ConocoPhillips announced today they have combined resources to start "Denali" the Alaska Gas Pipeline. The pipeline will move approximately 4 Bcf/d of natural gas to markets and will be the largest private sector construction project ever built in North America. BP and ConocoPhillips plan to spend \$600 million to reach the first major project milestone, an open season commencing before the end of 2010. The Denali project consists of a gas treatment plant on Alaska's North Slope and a large-diameter pipeline to travel over 700 miles through Alaska, and then into Canada through the Yukon Territory and British Columbia to Alberta. The project will also include a large diameter pipeline from Alberta to the Lower 48 states.

[http://www.conocophillips.com/newsroom/news\\_releases/2008news/04-08-2008.htm](http://www.conocophillips.com/newsroom/news_releases/2008news/04-08-2008.htm)

### **U.S. LNG Imports Dropping 12 Percent in 2008 – EIA**

According to the Energy Information Administration's (EIA) Short-Term Energy and Summer Fuels Outlook, imports of liquefied natural gas (LNG) into the United States are expected to decline by 12% this year compared to 2007. Increased demand from Asian and Western Europe are two leading reasons to support the forecasted decline.

<http://www.eia.doe.gov/pub/forecasting/steo/oldsteos/apr07.pdf>

## TransCanada Begins Open Season for 500-mile, 1.2 Bcf/d Pathfinder Pipeline to Move Natural Gas from Rockies to Midwest

On April 8 the company began its open season on the proposed 500-mile, 42-inch diameter Pathfinder interstate pipeline to transport natural gas northeastward from Wyoming through Montana and North Dakota to the Northern Border Pipeline Company system located in the Chicago area. The initial capacity is 1.2 Bcf/d with the ultimate capacity of 2.0 Bcf/d. The anticipated project in-service date is late 2010.

[http://www.transcanada.com/news/2008\\_news/20080407.html](http://www.transcanada.com/news/2008_news/20080407.html)

## Other News

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### Emissions Debate Tops Electricity and Natural Gas Industries Concerns – Platts/Capgemini Study

According to a study by consulting firm Capgemini and Platts, a majority of executives in the electricity and natural gas industries in the U.S. and Canada report that issues surrounding global warming, emissions and carbon regulation are of high concern.

<http://www.platts.com/Electric%20Power/News/6853547.xml?p=Electric%20Power/News&sub=Electric%20Power>

## Energy Prices

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| U.S. Oil and Gas Prices  |        |          |          |
|--|--------|----------|----------|
| April 8, 2008  |        |          |          |
|  | Today  | Week Ago | Year Ago |
| <b>CRUDE OIL</b><br><b>West Texas Intermediate U.S.</b><br>\$/Barrel | 108.78 | 101.97   | 64.26    |
| <b>NATURAL GAS</b><br><b>Henry Hub</b><br>\$/Million Btu             | 9.48   | 9.86     | 7.53     |

Source: Reuters

## Energy Notes

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### DOE to Continue Strategic Petroleum Reserve Royalty-in-Kind Fill Program

<http://www.doe.gov/news/6142.htm>

### Chevron Considers Wind Power Generation at Old Refinery Site in Wyoming

[http://www.kpvi.com/Global/story.asp?S=8128303&nav=menu546\\_2\\_3](http://www.kpvi.com/Global/story.asp?S=8128303&nav=menu546_2_3)

### No Need for More Crude Oil, Says OPEC President April 7

[http://www.rigzone.com/news/article.asp?a\\_id=59758](http://www.rigzone.com/news/article.asp?a_id=59758)

### Update: Shell Extinguishes Fire on Sabotaged Pipeline in Nigeria April 7

[http://www.downstreamtoday.com/News/Articles/200804/Shell\\_Puts\\_Out\\_Pipeline\\_Fire\\_In\\_Nigeria\\_9889.aspx](http://www.downstreamtoday.com/News/Articles/200804/Shell_Puts_Out_Pipeline_Fire_In_Nigeria_9889.aspx)

## 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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*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>.

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