



# ENERGY ASSURANCE DAILY

Wednesday Evening, May 27, 2009

## *Electricity*

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### **Update: Southern's 870 MW Hatch Nuke Unit 1 in Georgia Ramped Up to 90 Percent by May 27**

The unit was shut on May 4 due to a problem with a safety relief valve. The Nuclear Regulatory Commission reported that on the morning of May 26 the unit was operating at 85 percent.

<http://www.reuters.com/article/marketsNews/idUSN2647247820090526>

Information also derived from the NRC Power Reactor Status Reports:

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

### **FPL's 693 MW Turkey Point Nuke Unit 4 in Florida Reduced to 53 Percent by May 27**

The Nuclear Regulatory Commission reported that on the morning of May 26 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

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

### **Update: Exelon's 1,111 MW La Salle Nuke Unit 1 in Illinois at Full Power Following Fire**

The unit automatically shut on May 21 from a main power transformer fault that caused a small fire. The Nuclear Regulatory Commission reported that on the morning of May 26 the unit was operating at 30 percent.

<http://www.nytimes.com/2009/05/27/arts/television/27tlc.html?emc=eta1>

Information also derived from the NRC Power Reactor Status Reports:

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

### **FirstEnergy's 1,235 MW Perry Nuke Unit 1 in Ohio at Full Power by May 27**

The Nuclear Regulatory Commission reported that on the morning of May 26 the unit was operating at 89 percent.

Information derived from the NRC Power Reactor Status Reports:

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

### **Update: Xcel's 522 MW Prairie Island Nuke Unit 1 in Minnesota at Full Power by May 27**

The unit shut on May 18 after a cooling water pump shut because of a fault in an electric cable. The Nuclear Regulatory Commission reported that on the morning of May 26 the unit was operating at 52 percent.

<http://www.reuters.com/article/rbssIndustryMaterialsUtilitiesNews/idUSN2753921020090527>

Information also derived from the NRC Power Reactor Status Reports:

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

## *Petroleum*

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### **Update: Equipment Malfunction Shuts FCC Unit at Sunoco's 335,000 b/d Philadelphia, Pennsylvania Refinery May 26**

According to traders, the larger of the two fluid catalytic cracking (FCC) units at Sunoco's refinery in Philadelphia shut down for approximately twelve hours May 26 due to an equipment malfunction. The other, smaller FCC unit at the refinery was shut in April due to poor refining margins. A source at the refinery said the larger FCC unit has since restarted and is receiving feedstock but has not returned to normal production rates.

Reuters, 09:47 May 27, 2009

Bloomberg News, 09:47 May 27, 2009

## **Issue Reported at ExxonMobil's 563,000 b/d Baytown, Texas Refinery**

**May 26**

According to a filing with state regulators, the company reported emissions caused by a leak of its steam system and left a message on a local hotline reporting an "operational issue," at its Baytown refinery in Texas.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=124689>

Bloomberg News, 12:39 May 27, 2009

Bloomberg News, 07:28 May 27, 2009

## **Nigeria Crude Exports to Exceed Country's OPEC Quota in June, July Despite Wave of Militant Attacks within Niger Delta Region, NNPC Says**

An official with state-owned Nigeria National Petroleum Corporation (NNPC) said Nigeria's crude exports including condensates are expected to exceed the country's OPEC quota in June and July despite a wave of militant attacks within the Niger Delta region. The NNPC official said Nigeria is to export 2.01 million b/d in June, 2.04 million b/d in July, and Nigeria's implied OPEC output quota is 1.67 million b/d.

<http://www.platts.com/Oil/News/8584823.xml?p=Oil/News&sub=Oil>

## **Update: Inter Pipeline Fund Announces Transportation Agreement for Imperial's Kearl Oil Sands Project in Alberta**

Inter Pipeline Fund announced May 26 that it has signed an agreement with Imperial Oil to provide transportation service for Imperial's 300,000 b/d Kearl oil sands mining and extraction project located north in Alberta. The crude sands will be transported on Inter Pipeline's 12-inch diameter pipeline. This 12-inch pipeline will be idled from its existing operation in 2010 after a new 42-inch pipeline, currently under construction by Inter Pipeline, goes into service for the Athabasca Oil Sands Project.

[http://www.interpipelinefund.com/news\\_releases/2009/05\\_26\\_09.html](http://www.interpipelinefund.com/news_releases/2009/05_26_09.html)

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## **Natural Gas**

### **Mariner Energy Commences Production at its Geauxpher Deepwater Field in Gulf of Mexico May 27**

Mariner Energy announced May 27 the startup of production from Geauxpher, a deepwater development in the Gulf of Mexico. The development includes two wells with current gross production of approximately 115 MMcfe/d of natural gas equivalent. The wells are connected via a 40-mile subsea tieback to a third-party operated platform on Garden Banks Block 72.

<http://ir.mariner-energy.com/phoenix.zhtml?c=129671&p=irol-newsArticle&ID=1292748&highlight=>

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## **Other News**

### **Energy Information Administration Releases 'International Energy Outlook 2009'**

The *International Energy Outlook 2009* (IEO2009) is an assessment by the Energy Information Administration (EIA) of the outlook for international energy markets through 2030. Within the IEO2009, the EIA forecasts that world marketed energy consumption will increase by 44 percent from 2006 to 2030. Total energy demand in the non-OECD (Organization for Economic Cooperation and Development) countries is projected to increase by 73 percent, compared with an increase of 15 percent in the OECD countries. Some other highlights include:

- Fossil fuels are expected to continue to supply much of the energy used worldwide.
- The price of light sweet crude oil in the U.S. is projected to rise from \$61/b in 2009 to \$119/b in 2015 and \$130/b in 2030.
- Natural gas consumption worldwide is projected to increase from 104 Tcf in 2006 to 153 Tcf in 2030.
- Natural gas producers will need to increase annual production in 2030 to a level that is 49 Tcf higher than the 2006 total.
- World renewable energy generation is projected to increase from 19 percent in 2006 to 21 percent in 2030.
- Electricity generation from nuclear power is projected to increase from 2.7 T kWh in 2006 to 3.8 T kWh in 2030.

EIA's International Energy Outlook 2009 can be found here:

[http://www.eia.doe.gov/oiaf/ieo/pdf/0484\(2009\).pdf](http://www.eia.doe.gov/oiaf/ieo/pdf/0484(2009).pdf)

## Energy Prices

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U.S. Oil and Gas Prices			
May 27, 2009			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	63.59	60.83	129.73
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.35	3.99	11.56

Source: Reuters

## Energy Notes

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### **Leak in Pump Reported at Lyondell's 270,600 b/d Houston, Texas Refinery May 26, No Impact to Output Company Says**

Reuters, 18:48 May 26, 2009

<http://www.11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=124684>

### **Equipment Failure Blamed for Outage that Left Half of Newark, Delaware without Power May 24, Delmarva Power Says**

<http://www.wdel.com/story.php?id=258419376121>

### **Chrysler Submits \$448 Million Plan to the Department of Energy for Rapid Development and Manufacturing of Electrified Vehicles**

<http://www.muirnet.net/?p=1760>

### **Severe Thunderstorms Leave 11,000 Oncor Customers without Power in Texas May 26**

<http://www.kwtx.com/home/headlines/46233682.html>

### **Transformer Failure Knocks out Power to Over 21,000 Hydro One Customers in Ontario May 21**

<http://www.theenterprisebulletin.com/ArticleDisplay.aspx?e=1584938>

### **Department of Labor's Occupational Safety and Health Administration Fines Delek for Fire, Explosion in November 2008 at its 60,000 b/d Tyler, Texas Refinery that Killed Two Workers**

[http://www.bizjournals.com/nashville/stories/2009/05/18/daily36.html?ana=from\\_rss](http://www.bizjournals.com/nashville/stories/2009/05/18/daily36.html?ana=from_rss)

### **Duke Energy CEO Tells Copenhagen Summit on Climate Policies Company Plans Shift from Coal-fired Power Plants to Nuclear Power**

<http://communitypress.cincinnati.com/article/AB/20090526/BIZ01/305260027/Duke+plans+nuclear+shift>

<http://www.duke-energy.com/about-us/viewpoints-2009.asp>

## 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**

*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)