



# ENERGY ASSURANCE DAILY

Tuesday Evening, May 26, 2009

## *Electricity*

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### **PPL's 1,111 MW Susquehanna Nuke Unit 2 in Pennsylvania Ramped Up to 88 Percent by May 26**

The Nuclear Regulatory Commission reported that on the morning of May 25 the unit was operating at 77 percent after being reduced on May 24.

Information derived from the NRC Power Reactor Status Reports:

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

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

### **Update: Southern's 856 MW Hatch Nuke Unit 1 in Georgia Ramped Up to 85 Percent by May 25**

The company shut the unit on May 4 due to a problem with a safety relief valve. The Nuclear Regulatory Commission reported that on the morning of May 24 the unit was operating at 40 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/>

### **Progress Energy's 811 MW Brunswick Nuke Unit 2 in North Carolina Reduced to 45 Percent by May 26**

The Nuclear Regulatory Commission reported that on the morning of May 25 the unit was operating at 67 percent.

Information derived from the NRC Power Reactor Status Reports:

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

### **Update: Duke Energy's 846 MW Oconee Nuke Unit 3 in South Carolina Ramped Up to 96 Percent by May 26**

The unit shutdown on May 21 due to a generator lockout signal. The Nuclear Regulatory Commission reported that on the morning of May 25 the unit was operating at 45 percent.

<http://www.reuters.com/article/rbssIndustryMaterialsUtilitiesNews/idUSN2647268320090526>

Information also derived from the NRC Power Reactor Status Reports:

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

### **Exelon's 1,093 MW Peach Bottom Nuke Unit 3 in Pennsylvania Ramped Up to 97 Percent by May 25**

The Nuclear Regulatory Commission reported that on the morning of May 24 the unit was operating at 77 percent.

Information 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 Reduced to 89 Percent by May 26**

The Nuclear Regulatory Commission reported that on the morning of May 25 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 Ramped Up to 30 Percent by May 26**

The unit automatically shutdown on May 21 due to a main power transformer fault that caused a small fire. The Nuclear Regulatory Commission reported that on the morning of May 25 the unit was operating at 13 percent.

<http://www.reuters.com/article/marketsNews/idUSN2647327120090526>

Information also derived from the NRC Power Reactor Status Reports:

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

### **Exelon's 1,134 MW Limerick Nuke Unit 1 in Pennsylvania at Full Power by May 24**

The Nuclear Regulatory Commission reported that on the morning of May 23 the unit was operating at 62 percent.

Information derived from the NRC Power Reactor Status Reports:

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

### **AES's 225 MW Huntington Beach Gas-fired Unit 3 in California Reduced by May 24**

According to the California Independent System Operator, the unit experienced an unplanned curtailment of 115 MW by May 24.

<http://www.caiso.com/unitstatus/data/unitstatus200905241515.html>

### **Update: AES's 227 MW Huntington Beach Gas-fired Unit 4 in California Returns to Service by May 25**

According to the California Independent System Operator, the unit returned from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200905251515.html>

### **Update: Duke Energy's 510 MW Moss Landing Gas-fired Unit 2 in California Returns to Service by May 25**

According to the California Independent System Operator, the unit returned from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200905251515.html>

### **Update: Duke's 754 MW Moss Landing Gas-fired Unit 6 in California Returns to Service by May 22**

According to the California Independent System Operator, the unit returned from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200905221515.html>

### **Update: PG&E's 407 MW Helms Pump-Gen Unit 2 Hydro Unit in California Returns to Service by May 24**

According to the California Independent System Operator, the unit returned from an unplanned curtailment of 114 MW.

<http://www.caiso.com/unitstatus/data/unitstatus200905241515.html>

### **Update: Cabrillo Power's 300 MW Encina Gas-fired Unit 4 in California Returns to Service by May 22**

According to the California Independent System Operator, the unit returned from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200905221515.html>

### **Unit Malfunction Reported Texas Municipal Power Agency's 454 MW Coal-fired Gibbons Creek Power Plant in Texas May 22**

According to a filing with state regulators, a boiler feed pump turbine (BFPT) problem was reported at the Gibbons Creek power plant. The unit was immediately de-energized, and within thirty minutes, the unit was re-energized.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=124626>

### **Pinnacle West Announces Plans to Build 290 MW Solar Thermal Power Plant in Arizona**

Arizona Public Service and Starwood Energy Group Global announced plans May 22 for a 290 MW concentrating solar plant to be built in the Harquahala Valley, Arizona. Scheduled for completion in 2013, Starwood Solar I will be owned by an affiliate of Starwood Energy with all the electricity generated by the facility provided to APS through a long-term purchase power agreement.

[http://www.aps.com/main/news/releases/release\\_522.html](http://www.aps.com/main/news/releases/release_522.html)

## **Bonneville Power Administration Receives Federal Stimulus Money to Fund Power Generation Network Upgrade and Expansion Projects throughout Pacific Northwest**

The Bonneville Power Administration (BPA) has gained \$3.25 billion in additional borrowing authority through the federal stimulus package, which will go to upgrade and expand the BPA's expanding power-generating network. The BPA plans to finance with government money is a 70-mile upgrade of transmission lines along the Interstate 5 corridor spanning Oregon and southwest Washington and another upgrade project consisting of a 28-mile transmission line that currently connects a station in The Dalles to another in Goldendale, Washington. The BPA has formally announced one project, that of a 79-mile transmission line that will link substations in Oregon to wind generators in Washington and Oregon. The BPA operates 31 hydro dams with a transmission system that spans 15,000 miles.

[http://www.oregonlive.com/news/index.ssf/2009/05/contracting\\_economy\\_sparkis\\_bp.html](http://www.oregonlive.com/news/index.ssf/2009/05/contracting_economy_sparkis_bp.html)

<http://www.bpa.gov/corporate/BPAnews/nreleases.cfm>

## **Power Company of Wyoming Plans 2,000 - 3,000 MW Chokecherry and Sierra Madre Wind Energy Projects in Wyoming – TransWest Express Power Line Proposed to Carry New Wind Power from Southern Wyoming to Nevada Substation**

The Power Company of Wyoming, an affiliate of Anschutz Corporation, announced plans to build 1,000 wind turbines in southern Wyoming and a power line that will export the electricity to the desert Southwest. The proposed wind farm is called the Chokecherry and Sierra Madre Wind Energy Project and is to be comprised of 1,000 turbines to generate between 2,000 and 3,000 MW. The Company's proposed TransWest Express power line is the wind farm's sister project, to carry power from the wind farm in southern Wyoming to a substation in the Las Vegas, Nevada area. The company aims to begin construction in 2011 and achieve full production by the end of 2013.

<http://www.forbes.com/feeds/ap/2009/05/24/ap6460517.html>

## **Update: Smart Grid Technologies Recently Installed within Colorado Springs Utilities' Network**

GE recently announced that it has completed the installation of smart grid technologies to help Colorado Springs Utilities (CSU) with restoration and customer communications. The newly installed GE PowerOn Outage Management System (OMS) helps CSU respond more quickly to power outages, while providing consumers with updated restoration-time estimates when outages do occur.

<http://www.genewscenter.com/Content/Detail.asp?ReleaseID=6843&NewsAreaID=2&MenuSearchCategoryID=>

## **OPG's 490 MW Nanticoke Coal-fired Unit 5 in Ontario Shut by May 26**

Reuters, 11:54 May 26, 2009

## **OPG's 494 MW Lambton Coal-fired Unit in Ontario Shut by May 26**

Reuters, 11:54 May 26, 2009

## **TransAlta's 279 MW Wabamun Coal-fired Unit 4 in Alberta Shut by May 26**

Reuters, 11:54 May 26, 2009

## ***Petroleum***

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## **Update: Louisiana Offshore Oil Port Resumes Oil Tanker Offloadings May 23 Following Closure due to High Seas, Wind**

The Louisiana Offshore Oil Port (LOOP) resumed offloading oil tankers May 23 after being shut in for two days due to rough seas, strong ocean currents and high winds.

Reuters, 14:10 May 23, 2009

## **Lightning Ignites Fire in Storage Tank at Flint Hills's 288, 126 b/d Corpus Christi, Texas Refinery May 24**

In a report with state regulators, lightning ignited a fire in a storage tank containing naphtha late May 24 at Flint Hills refinery in Corpus Christi, Texas. A refinery representative told a local media station that refinery production was unaffected by the fire. Saturday's incident was the second fire last week at Flint Hills' Corpus Christi refinery.

Reuters, 17:25 May 24, 2009

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=124615>

### **Coker Upset Reported at ExxonMobil's 348,500 b/d Beaumont, Texas Refinery May 22**

In a filing with state regulators, ExxonMobil took a coker drum out of service at its Beaumont refinery after a crack was discovered in the drum.

Reuters, 19:56 May 22, 2009

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=124611>

### **Recovery Unit Upset Reported at Sunoco's 145,000 b/d Eagle Point, New Jersey Refinery May 22**

Bloomberg News, 10:34 May 26, 2009

### **BP Reports Exchanger Leak at 470,000 b/d Texas City, Texas, Oil Refinery**

In a filing with state regulators, BP reported a leaking exchanger at the Texas City, Texas, refinery. A company representative said the leak has had no impact on production.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=124612>

Bloomberg News, 11:58 May 24, 2009

### **Update: Eni SpA Removes Force Majeure at Brass River Terminal in Nigeria May 26**

The company declared force majeure on 52,000 b/d of crude from the Brass River terminal in Nigeria on May 19.

Dow Jones, 09:45 May 26, 2009

### **Update: Imperial Oil to Proceed with \$7.1 Billion Phase 1 of Alberta Oil Sands Mining Project**

Imperial Oil, on May 25 announced that it will proceed with a \$7.1 billion first phase of its Kearl oil sands project in Alberta. The company's Kearl project is to be developed in three phases and could ultimately produce more than 300,000 b/d. The first phase of the project would produce an average of 110,000 b/d. It was initially due to come online in 2010 or 2011, but the company delayed its launch, citing a sudden drop in crude oil prices.

[http://www.imperialoil.ca/Canada-English/News/News\\_Releases/N\\_NR\\_NewsRelease090525.asp](http://www.imperialoil.ca/Canada-English/News/News_Releases/N_NR_NewsRelease090525.asp)

### **Update: Chevron Shuts 100,000 b/d in Nigeria following Militant Attacks May 24**

Following a recent upswing of militant violence throughout the Niger Delta, Chevron shut in approximately one-quarter of its oil production in Nigeria. A spokesperson for MEND, one of Nigeria's main militant groups, said the group was responsible for the May 24 attack that destroyed major trunk lines feeding Chevron's Escravos crude oil terminal, also affecting Chevron five stations throughout the Niger Delta. Chevron shut in 100,000 b/d of production due to the attacks and in part to protect the environment, a company spokesman said. The incident is being investigated.

<http://www.bloomberg.com/apps/news?pid=20601072&sid=aRMHQUIg8swo&refer=energy>

### **Nigerian Gunmen Open Fire at Total's 125,000 b/d Amenam Offshore Site in Nigeria**

Approximately five attackers in a speedboat exchanged fire with security personnel early morning May 26 close to Total's 125,000 b/d Amenam field located off shore of the Niger Delta. A military spokesman said he was investigating the incident.

Reuters, 06:21 May 26, 2009

## ***Natural Gas***

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### **Power Outage Causes Shutdown of Number Three Engine at Riley Booster Station in Texas May 25**

According to a filing with state regulators, a storm in the area caused the number 3 engine at Riley Booster station shut down on jacket water pressure. The number three engine was placed on standby within twelve hours.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=124621>

### **Power Outage Causes Shutdown at Hess's Seminole Gas Processing Plant in Texas May 25**

According to a filing with state regulators, a severe thunderstorm caused a temporary loss of incoming electrical power to the Seminole Gas Processing Plant, resulting in a major plant shutdown. Within one day, the plant was returned to service, with limited operations.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=124622>

## Other News

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### Department of Energy's \$2.4 Billion Release in Funding for Fuel Cell Battery

#### Manufacturing Plant for Electric Cars Attracts 165 Applications from U.S. Companies

The Department of Energy has been soliciting applications for \$2.4 billion in funding aimed at building up the fuel cell battery-manufacturing industry within the U.S. The DOE has received applications from 165 companies including; General Motors Corp., Dow Chemical Co., Johnson Controls Inc. and A123 Systems, in response to its request for proposal. States including Michigan, Kentucky and Massachusetts are also responding with the intention to have their states become home to one of the new battery manufacturing plants.

<http://online.wsj.com/article/SB124329271803452475.html.html>

### Minnesota Soybean Processors' 30 MMGal/Yr Biodiesel Plant hit by Blast, Fire May 24

At approximately 10:00 PM on the evening of May 24, an explosion and fire was reported at Minnesota Soybean Processors plant in Brewster, Minnesota. Part of a highway was shutdown and near-by residents were evacuated. Fire fighters were able to put out the flames at the plant in just a couple of hours; the cause of the explosion is unknown. Officials report no injuries due to the blast.

<http://www.keloland.com/News/NewsDetail6371.cfm?Id=85072>

Bloomberg News, 04:35 May 24, 2009

### Bureau of Land Management's Environmental Inspections Not Keeping Pace with New Oil and Gas Wells in Western U.S. – Western Organization of Resource Councils Reports

In a report recently issued by the Western Organization of Resource Councils, the organization finds that the U.S. Bureau of Land Management (BLM) is not keep up with the required environmental inspects all oil and gas wells throughout the U.S, especially in the Western U.S. The report says the BLM has doubled the number of well permits between 2004 and 2008, the number of environmental inspections did not double.

<http://www.platts.com/Natural%20Gas/News/7878612.xml?p=Natural%20Gas/News&sub=Natural%20Gas>

<http://www.worc.org/Law--Order-Report/>

## Energy Prices

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| U.S. Oil and Gas Prices  |       |          |          |
|--|-------|----------|----------|
| May 26, 2009   |       |          |          |
|  | Today | Week Ago | Year Ago |
| <b>CRUDE OIL</b><br><b>West Texas Intermediate U.S.</b><br>\$/Barrel | 61.78 | 59.73    | 131.58   |
| <b>NATURAL GAS</b><br><b>Henry Hub</b><br>\$/Million Btu             | 3.41  | 4.02     | 11.56    |

Source: Reuters

## Energy Notes

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### U.S. Geothermal's 22 MW Neal Hot Springs Geothermal Project in Oregon Selected for Department of Energy Renewable Energy Loan Program

<http://finance.yahoo.com/news/US-Geothermals-Neal-Hot-iw-15344426.html>

### Penelec Workers on Strike in Pennsylvania on Unsuccessful Union Negotiations

<http://www.thedailyreview.com/articles/2009/05/23/news/doc4a1775de210df613569450.txt>

### Shell and Chevron Plan to Provide 2009 Hurricane Season Updates Via Twitter

[http://www.rigzone.com/news/article.asp?a\\_id=76432](http://www.rigzone.com/news/article.asp?a_id=76432)

**Transformer Box Explosions Cause Temporary Power Outages in Cedar Rapids, Iowa  
May 25**

<http://www.wqad.com/news/sns-ap-ia--transformerexplosions.0.3571545.story>

**Otter Tail Power Company to Build 50 MW Wind Farm in North Dakota by End of 2009**

<http://www.perhameb.com/articles/?id=12088>

**Federal Jury finds Duke Energy Violated Clean Air Act in Making Changes to its  
Gallagher Power Plant in Indiana that Increased Air Pollution**

<http://www.wtol.com/Global/story.asp?S=10402559>

**Valero's 182,200 b/d Delaware City, Delaware Refinery Reports Sulfur Dioxide Release**

Bloomberg News, 04:08 May 26, 2009

**Delek's 58,000 b/d Tyler, Texas Refinery SRU Reports 'Operational Difficulties' May 24**

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=124623>

**Update: Panhandle Eastern Begins Investigation of Natural Gas Pipeline Explosion in  
Howard County, Florida**

<http://www.columbiamissourian.com/stories/2009/05/21/panhandle-eastern-begins-investigation-pipeline-explosion/>

**Venezuelan Government Takes Control of Gas Compression and Injection Plants in  
Country as President Chavez Aims to Put Hydrocarbon Projects Under Government  
Control**

[http://www.rigzone.com/news/article.asp?a\\_id=76431](http://www.rigzone.com/news/article.asp?a_id=76431)

**Update: Rockies Express Natural Gas Pipeline Section in Ohio In-Service Date Delayed  
Again to Second Half of June**

NGI's Daily Gas Price Index, May 26, 2009 <http://intelligencepress.com/>

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

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