



U.S. DEPARTMENT OF ENERGY  
Office of Electricity Delivery and Energy Reliability  
Infrastructure Security and Energy Restoration

# ENERGY ASSURANCE DAILY

Tuesday Evening, June 23, 2009

## ***Electricity***

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### **Update: Total of 245,000 ComEd Customers Affected by Wind Storms and Heavy Rains June 19**

Although 245,000 customers lost power at some point during Friday's storms, at the peak only 121,000 were without electric service. As reported yesterday, ComEd restored service to all customers by Sunday night, June 21.

<http://www.comed.com/NR/exeres/236F48DF-A7AD-4D56-85F2-FD68A859749E.htm>

<http://www.comed.com/newsroom/newsreleases/NewsArticlePage.htm>

### **Update: Southern's 883 MW Hatch Nuke Unit 2 in Georgia Shut Again by June 23**

The unit shut down by early June 23. By June 22, the unit had exited a June 20 outage and ramped up to about 20 percent of capacity. The unit shut on June 20 due to a high reactor pressure scram signal.

<http://www.reuters.com/article/rbssIndustryMaterialsUtilitiesNews/idUSN2353894820090623>

Reuters, 8:49 June 23, 2009

### **Update: TVA's 1,118 MW Browns Ferry Nuke Unit 2 in Alabama Ramps Up to 32 Percent by June 23**

The Nuclear Regulatory Commission reported that on the morning of June 22 the unit was operating at 22 percent. Information derived from the NRC Power Reactor Status Reports:

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

### **Entergy's 1,025 MW Indian Point Nuke Unit 3 in New York Reduced June 23**

The unit was reduced to 35 percent of capacity from 58 percent earlier on June 23. The unit was reduced so that workers could make repairs to a problematic main boiler feed pump. The unit has been operating at about 58 percent of capacity since June 5 using one of two feed pumps.

Bloomberg News, 13:13 June 23, 2009

### **Dynegy's 510 MW Moss Landing Gas-fired Power Block 1 in California Reduced by June 22**

According to the California Independent System Operator, Moss Landing Power Block 1 reported an unplanned curtailment of 260 MW by June 22.

<http://www.caiso.com/unitstatus/data/unitstatus200906221515.html>

Reuters, 8:49 June 23, 2009

### **AEP's 690 MW Oklaunion Coal-fired Unit in Texas Shut June 19**

Reuters, 8:49 June 23, 2009

### **AEP's 528 MW Welsh Coal-fired Unit 3 in Texas Shut June 19**

Reuters, 8:49 June 23, 2009

### **Transport Canada Issues 'Navigable Waters Permit' for Juan de Fuca Cable Connecting Vancouver Island to Washington State**

Sea Breeze Power Corp. reported June 16 that Transport Canada has granted a "Navigable Waters Permit" to facilitate construction of the Juan de Fuca Cable Project - a 550MW High Voltage Direct Current Light submarine transmission line to connect Vancouver Island and Washington State's Olympic Peninsula.

<http://www.seabreezepower.com/?p2=/modules/blog/viewcomments.jsp&bid=68>

## **SMUD Selects Network Provider for Smart Grid Rollout in California**

Silver Spring Networks announced June 23 that it has been selected by the Sacramento Municipal Utility District (SMUD) to provide the network infrastructure for their Smart Capital initiative which will network approximately 600,000 homes and businesses in Sacramento County. Rollout will begin next month and is expected to be completed by March 2011.

[http://www.silverspringnetworks.com/news\\_events/pr\\_062309.html](http://www.silverspringnetworks.com/news_events/pr_062309.html)

## **Journal of Energy Security Article Analyzes Security Vulnerabilities of Smart Grid**

[http://www.ensec.org/index.php?option=com\\_content&view=article&id=198:the-security-vulnerabilities-of-smart-grid&catid=96:content&Itemid=345](http://www.ensec.org/index.php?option=com_content&view=article&id=198:the-security-vulnerabilities-of-smart-grid&catid=96:content&Itemid=345)

## ***Petroleum***

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### **Earthquake Disrupts Tesoro's 72,000 b/d Kenai, Alaska Refinery June 23**

A company reports that an earthquake caused a "minor disruption" at the refinery and all units have returned to normal operation.

Bloomberg News, 08:14 June 23, 2009

### **Update: Valero's 275,000 b/d Aruba Refinery to Be Shut by Mid July**

A spokesman for the refinery said that the refinery would be completely offline by mid-July. Last week Valero said that it would shut the refinery in July for 2-3 months for economic reasons. The company will decide whether to restart operations in August or September.

<http://finance.yahoo.com/news/Valero-closes-Aruba-refinery-apf-4200660927.html?x=0&.v=2>

<http://online.wsj.com/article/BT-CO-20090623-705749.html>

### **Eni Declares Force Majeure on Brass River Crude Oil Exports June 23 after Attack**

The company declared force majeure after an attack on its Ogoda Manifold-Brass Terminal pipeline halted production of 33,000 b/d.

Reuters, 13:08 June 23, 2009

### **Chevron Announces First Oil Production from Frade Field in Brazil**

Chevron has commenced crude oil production from the Frade Field, the company's first operated deepwater development in Brazil. The project, with continuing development drilling, is expected to achieve peak production of 90,000 barrels b/d of crude oil and natural gas liquids in 2011. The field, which is located in the Campos Basin, contains an estimated 200 million to 300 million barrels of recoverable oil.

<http://www.chevron.com/news/press/release/?id=2009-06-23>

### **Oil and Gas Exploration and Production Spending Cuts to Be Larger Than Expected in 2009– Barclays Capital Survey**

The results of the latest semi-annual survey of energy companies by Barclays Capital indicates global expenditures for exploration and production will fall by 15 percent compared with a drop of 12 percent foreseen in the December 2008 survey.

<http://www2.canada.com/calgaryherald/iphone/business/energy/story.html?id=1720802>

## ***Natural Gas***

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### **ExxonMobil Completes 200 MMcf Gas Processing Facilities in Colorado June 22**

The facilities at its Piceance Project include gas and liquid gathering systems, treating facilities, a produced-water pipeline and subsurface disposal system, and a condensate sales and truck-loading site.

[http://www.businesswire.com/portal/site/exxonmobil/index.jsp?ndmViewId=news\\_view&ndmConfigId=1001106&newsId=20090622006103&newsLang=en](http://www.businesswire.com/portal/site/exxonmobil/index.jsp?ndmViewId=news_view&ndmConfigId=1001106&newsId=20090622006103&newsLang=en)

## Spectra Energy to Add 2.7 Bcf in Natural Gas Pipeline Capacity in U.S. Northeast by End of 2010

Spectra, based in Houston, receives about 5.5 Bcf/d on its Northeast system. According to a company spokeswoman, total supplies at the end of 2010 will depend on customer needs. The 2.7 Bcf of additional capacity will have been added over three years to help the company access new gas sources, including LNG imports.  
Bloomberg News, 09:44 June 23, 2009

## Other News

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Nothing to report.

## Energy Prices

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U.S. Oil and Gas Prices			
June 23, 2009			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	65.35	70.60	137.19
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.01	3.80	12.76

Source: Reuters

## Energy Notes

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### 16,615 Ameren Customers Lose Power in Illinois June 23

<https://www2.ameren.com/outagemap/default.aspx?state=IL>

### 16,746 Nashville Electric Customers Lose Power in Tennessee June 22

<http://www.nespower.com/OutageMap/>

### Rolling Thunderstorms Knock Out Power to 13,500 FPL Customers in Florida June 23 – More Storms On the Way

<http://www.miamiherald.com/news/breaking-news/story/1109891.html>

### Tanker Truck Carrying 8,000 Gallons of Gasoline Explodes in Florida June 22

[http://www.palmbeachpost.com/search/content/local\\_news/epaper/2009/06/22/0622i95closed.html?imw=Y](http://www.palmbeachpost.com/search/content/local_news/epaper/2009/06/22/0622i95closed.html?imw=Y)

### Alaska Hopes to Build 25-30 MW Nuke Plant in Ester

<http://www.adn.com/news/alaska/story/838182.html>

### Power Disruption Causes Acid Gas Compressor to Shut for 1 Hour at Waha Gas Plant in Texas June 19

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=125816>

### Power and Compression Knocked Out for 2 Hours at Yates Gas Plant in Texas During Preventative Maintenance Check June 19

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=125818>

## **Thunderstorms Cause Fire on Amine Reboiler at Cayanosa Gas Plant in Texas June 19**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=125810>

## **Ameresco Wins \$795M DOE Contract to Build Biomass Cogeneration Plant and Heating Facilities at the DOE's Savannah River Site in South Carolina**

[http://www.bostonherald.com/business/general/view/2009\\_06\\_22\\_Ameresco\\_wins\\_795M\\_Department\\_of\\_Energy\\_contract/](http://www.bostonherald.com/business/general/view/2009_06_22_Ameresco_wins_795M_Department_of_Energy_contract/)

## **U.S. Dept. of Interior Approves Five Exploratory Leases for Wind Projects Off the Coasts of New Jersey and Delaware**

Bloomberg News, 12:03 June 23, 2009

## **ExxonMobil and Electrovaya Launch Electric Car Program in Baltimore**

[http://www.businesswire.com/portal/site/exxonmobil/index.jsp?ndmViewId=news\\_view&ndmConfigId=1001106&newsId=20090623005671&newsLang=en](http://www.businesswire.com/portal/site/exxonmobil/index.jsp?ndmViewId=news_view&ndmConfigId=1001106&newsId=20090623005671&newsLang=en)

## **Iran to Develop 20 New Fields in Next Five-Year Plan - Official**

<http://www.platts.com/Oil/News/8655517.xml?p=Oil/News&sub=Oil>

## **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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