



# ENERGY ASSURANCE DAILY

Wednesday Evening, September 29, 2010

## *Electricity*

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### **Dominion's 917 MW North Anna Nuclear Unit 2 in Virginia Shut by September 29**

Dominion shut the unit "to replace insulation in the containment structure," Bloomberg News said, citing a company spokesman. The Nuclear Regulatory Commission reported that on the morning of September 28 the unit was operating at full power.

<http://www.bloomberg.com/news/2010-09-29/u-s-nuclear-output-falls-1-3-percent-after-north-anna-2-shuts.html>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

### **TVA's 1,126 MW Sequoyah Nuclear Unit 2 in Tennessee Reduced to 84 Percent by September 29**

The Nuclear Regulatory Commission reported that on the morning of September 28 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/2010/>

### **Update: Reliant's 741 MW Ormond Beach Gas-Fired Unit 1 in California Returns to Service by September 28**

According to the California Independent System Operator, the unit reported a return from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus201009281515.html>

### **Duke's 754 MW Moss Landing Gas-Fired Unit 6 in California Shut by September 28**

According to the California Independent System Operator, the unit reported an unplanned outage by September 28.

<http://www.caiso.com/unitstatus/data/unitstatus201009281515.html>

### **PSO Reports Boiler Shutdown at 720 MW Oklaunion Coal-Fired Power Plant in Texas September 28-29**

The boiler tripped on September 28-29, Public Service Co. of Oklahoma (PSO) said in a filing with state regulators.

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=145367>

### **Tessera Solar North America Drops Plans to Construct 250 MW Solar power Project in Arizona**

Citing financing issues and demand concerns, Tessera Solar North America abandoned plans to partner with the city of Phoenix, Arizona on a 250 MW solar power facility. The project had been slated to come online by 2012.

<http://www.azcentral.com/community/swvalley/articles/2010/09/28/20100928phoenix-solar-plant-deal.html?source=nletter-news>

### **Iberdrola USA, CMP Launch Transmission and Smart Meter Projects in Maine September 28**

Iberdrola USA and Central Maine Power Company (CMP) launched the Maine Power Reliability Program (MPRP) transmission project and a \$166 million advanced metering plan in Maine, the companies said on September 28.

The MPRP, slated for 2015 completion, will involve the construction of five new 345 kV substations and related facilities linked by approximately 450 miles of new or rebuilt transmission lines. The southern end of the line will tie into the New England grid near the New Hampshire border. It passes through 75 cities and towns, and the northern end interconnects with transmission lines from Canada. The companies also plan to install 620,000 advanced electricity meters over the next two years.

<http://www.iberdrolausa.com/NewsReleases/2010/092810news.html>

### **CoServ Electric to Install More than 150,000 Smart Meters in North Texas**

The electric cooperative plans to begin installing the advanced meters in March 2011. It expects to complete the project in 2013.

<http://www.prnewswire.com/news-releases/landisgyr-is-selected-by-coserv-electric-to-provide-advanced-metering-and-smart-grid-technology-for-the-utilitys-ecogrid-initiative-103961798.html>

### **Ambient Corporation Ramping up Production of Smart Grid Nodes for Deployment throughout United States**

Ambient's smart grid nodes are already operating in more than 100,000 electric meters and 60,000 gas meters in Ohio, and the company says the node is a key component in deployments meant to serve more than 750,000 consumers.

<http://www.prnewswire.com/news-releases/ambient-expands-smart-grid-deployments-in-ohio-103996518.html>

### **Update: After Heat Wave, Fewer than 21,000 SCE and LADWP Customers Remain without Power Late September 28**

[http://www.dailybreeze.com/latestnews/ci\\_16204670](http://www.dailybreeze.com/latestnews/ci_16204670)

## ***Petroleum***

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### **White House Commission Charged with Making Recommendations on Offshore Drilling Says BP, Other Companies Not Fully Cooperating with Government's Investigation into Deepwater Horizon Explosion and Oil Spill**

Reuters, 19:51 September 28, 2010

### **Power Snag Slows Units at Murphy Oil's 125,000 b/d Meraux, Louisiana Refinery September 28-29**

A "transformer failure at a substation" led to "a temporary slowdown in some units" at Murphy Oil's 125,000 b/d Meraux, Louisiana refinery on September 28-29, but the company was resuming normal operations on September 29, a company official said.

Reuters, 10:42 September 29, 2010

### **Update: Tesoro to Begin Restarting Explosion-Downed Anacortes, Washington Refinery October 4**

Tesoro plans to begin a staggered restart on October 4 at its Anacortes, Washington refinery, and hopes to resume operations by October 15, a company official said in a statement. The facility shut after a fatal explosion and fire in early April.

[http://www.seattlepi.com/local/6420ap\\_wa\\_tesoro\\_refinery.html](http://www.seattlepi.com/local/6420ap_wa_tesoro_refinery.html)

### **Shell to Begin Production in 2015 at 100,000 Boe/d Mars B Olympus Platform in Gulf of Mexico**

Shell Oil Company plans to install a second tension-leg platform, Olympus, at its Mars field in the Gulf of Mexico offshore Louisiana, the company said on September 29. It plans to begin production at the Mars B Olympus platform in 2015; the facility would be equipped to process about 100,000 boe/d.

<http://www.prnewswire.com/news-releases/shell-plans-second-deep-water-production-hub-in-the-gulfs-prolific-mars-field-103997888.html>

### **Shell Could Boost Oil-and-Gas Production by 40 Percent in Americas by 2014**

Shell could boost its oil-and-gas production in the Americas to 1 million boe/d in 2014, or some 40 percent higher than current levels, the company said on September 28.

[http://www.shell.com/home/content/investor/news\\_and\\_library/2010\\_media\\_releases/new\\_growth\\_upstream\\_americas\\_28092010.html](http://www.shell.com/home/content/investor/news_and_library/2010_media_releases/new_growth_upstream_americas_28092010.html)

### **Imperial Oil to Produce 345,000 b/d at Kearl Oil Sands Project in Alberta, Canada, or 45,000 b/d More than Previously Proposed**

Imperial Oil plans to launch the project's first phase – 110,000 b/d – in 2012, and eventually expects the site to yield 345,000 b/d of oil. The company had previously planned to produce just 300,000 b/d.

<http://www.vancouversun.com/business/Imperial+expands+Kearl+oilsands+plans/3541886/story.html>

<http://www.lexology.com/library/detail.aspx?g=79060507-5b7a-40ec-bd5c-8dccb4d4294a>

### **Koch, Arrowhead Plan 50,000-Plus b/d Expansion along Arrowhead Crude-and-Condensate Pipeline in Texas**

Koch Pipeline Company, L.P. and Arrowhead Pipeline L.P. have broken ground on a 50,000-plus b/d expansion along the Arrowhead crude-and-condensate pipeline in Texas, Koch said on September 28. The project would serve producers in the Eagle Ford Shale. It is slated to enter service by 2011.

<http://www.kochind.com/files/092810KPLArrowhead.pdf>

### **Westway Group Expanding Oil and Product Terminals in Texas and Iowa**

Westway Group, Inc.'s subsidiary, Westway Terminal Company LLC, is expanding capacity at terminals in Houston, Texas and Sioux City, Iowa. The company plans to:

- Construct five 630,000 gallon oil tanks at its Houston 2 terminal; the tanks are scheduled to enter service in November 2010.
- Complete a 200,000 gallon specialty product tank at its Sioux City, Iowa terminal by December 2010.

[http://www.westway.com/documents/2010-09-](http://www.westway.com/documents/2010-09-28%20Westway%20Group%20Inc.%20Announces%20Expansions%20at%20Three%20Terminal%20Locations.pdf)

[28%20Westway%20Group%20Inc.%20Announces%20Expansions%20at%20Three%20Terminal%20Locations.pdf](http://www.westway.com/documents/2010-09-28%20Westway%20Group%20Inc.%20Announces%20Expansions%20at%20Three%20Terminal%20Locations.pdf)

### **Striking Workers Threaten Refinery Operations, Keep Ships from Offloading at Fos-Lavera Oil Terminal in France September 29**

Striking workers were keeping 34 ships - 16 refined oil tankers, eight crude oil tankers, six gas tankers, three chemical products tankers, and one barge – from offloading at the Fos-Lavera oil terminal in France on September 29, according to a port spokeswoman. The UFIP lobby group, separately, said the strikes had “seriously threatened” operations at four Marseilles refineries and three other refineries. The four Marseilles refineries account for 31 percent of the nation's refining capacity.

DJN, 12:23 September 29, 2010

Reuters, 12:21 September 29, 2010

<http://online.wsj.com/article/BT-CO-20100929-703463.html>

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## **Natural Gas**

Nothing to report.

## Other News

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### **Update: DOE Formally Commits \$1 Billion in Recovery Act Funding to FutureGen 2.0**

U.S. Energy Secretary Steven Chu announced yesterday that the Department of Energy had signed final cooperative agreements with the FutureGen Industrial Alliance and Ameren Energy Resources that formally committed \$1 billion in Recovery Act funding to build FutureGen 2.0. The Department of Energy will partner with the FutureGen Industrial Alliance to select an Illinois host community for the carbon storage site as well as a geologic sequestration research complex and a craft labor training center. This site could eventually become a regional CO2 storage site in downstate Illinois. In August, DOE announced its intention to fund FutureGen 2.0 as part of an integrated strategy to repower America's coal industry. The original FutureGen project was proposed by the Bush Administration in 2003, but killed in late 2007 due to estimates of its increasing cost. Ameren Energy Resources, Babcock & Wilcox, and Air Liquide Process & Construction, Inc. are leading the project to repower Ameren's 200 megawatt Unit 4 in Meredosia, Illinois with advanced oxy-combustion technology. The plant's new boiler, air separation unit, CO2 purification and compression unit will deliver 90 percent CO2 capture and eliminate most SOx, NOx, mercury, and particulate emissions. The FutureGen Industrial Alliance, working with the State of Illinois, will develop a permanent CO2 sequestration facility, research and visitor facilities, and a labor training center at the site. The Alliance will also build a CO2 pipeline network from Meredosia to the sequestration site. The pipeline and storage site will transport and store more than 1 million tons of captured CO2 per year. The pipeline network, along with the storage site to be selected in early 2011, will help to lay the foundation for a regional CO2 network.

<http://energy.gov/news/9584.htm>

<http://www.prnewswire.com/news-releases/futuregen-alliance-signs-agreement-with-energy-department-to-build-futuregen-20-co2-pipeline-network-and-storage-site-103964823.html>

<http://ameren.mediaroom.com/index.php?s=43&item=849>

<http://www.washingtonpost.com/wp-dyn/content/article/2009/03/11/AR2009031102306.html>

## Energy Prices

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U.S. Oil and Gas Prices			
September 29, 2010			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	77.68	72.64	66.47
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.80	3.95	3.54

Source: Reuters

## Energy Notes

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### **Storms Knock Out Power to 10,000 Duke Energy Customers in South Carolina September 27 – Company Restores Power to Nearly all by Early September 28**

<http://www.wyff4.com/r/25190186/detail.html>

### **Explosion at BPA Substation Causes Transformer to Spill 8,500 Gallons of Oil near Redmond, Oregon – Spill Contained On-Site**

<http://www.ktvz.com/news/25181025/detail.html>

### **Department of Homeland Security Begins Cyber Storm III, Testing Multiple Companies and Agencies on Responding to Cyberattacks September 28**

[http://www.nextgov.com/nextgov/ng\\_20100928\\_1360.php](http://www.nextgov.com/nextgov/ng_20100928_1360.php)

**ECotality, Inc. Announces Expansion of Electric Vehicle Project to Southern Oregon – Company Had Previously Announced Potential Sites for More than 1,100 Charging Stations throughout State**

[http://www.ecotality.com/pressreleases/09292010\\_ECotality\\_Expands\\_EV\\_Infrastructure\\_Plan\\_For\\_Oregon.pdf](http://www.ecotality.com/pressreleases/09292010_ECotality_Expands_EV_Infrastructure_Plan_For_Oregon.pdf)

**NRC Okays VEPCO's Request to Boost Capacity by 30 MW, Combined, at Surry Nuclear Power Units 1 and 2 in Virginia – Company Plans 15 MW Upgrades at Both 842 MW Units by November 2010**

<http://www.nrc.gov/reading-rm/doc-collections/news/2010/10-168.doc.pdf>

**Terra-Gen Power, LLC Plans 67 MW Dixie Valley Geothermal Power Plant in Nevada**

<http://www.prnewswire.com/news-releases/terra-gen-power-announces-closing-of-286-mm-leveraged-lease-financing-for-dixie-valley-geothermal-facility-103993528.html>

**BP to Create New Safety and Operational Risk Division – Will Have Authority to Intervene in All Aspects of BP's Technical Activities**

<http://www.bp.com/genericarticle.do?categoryId=2012968&contentId=7065250>

**Two Utah Regions – Sevier Over-thrust Assessment Unit and Eastern Great Basin – Contain Estimated 1.13 Billion Barrels of Undiscovered Oil: Proper Power & Energy, Inc.**

<http://www.prnewswire.com/news-releases/proper-power-announces-release-of-the-balance-of-independent-study-103993283.html>

**Suncor Contains “Major” Diesel Spill at Port of Montreal, Canada September 28-29 – Unspecified Quantity of Oil Leaks into St. Lawrence River**

<http://www.montrealgazette.com/news/canada/Major+spill+Lawrence+River+near+Montreal/3595803/story.html>  
<http://www.theglobeandmail.com/report-on-business/montreal-diesel-leak-contained-suncor/article1731837/>

**ExxonMobil Reports Unscheduled Flaring at 149,500 b/d Torrance, California Refinery by September 29**

DJN, 08:56 September 29, 2010

**U.S. Refinery Crude Inputs Dip 2.5 Percent to 14.666 Million b/d in Week Ending September 24, or Lowest Level since Early April: EIA**

DJN, 11:03 September 29, 2010

**Paradigm Oil and Gas, Inc. Receives Transportable Enhanced Oil Recovery Platform September 29; System Expected to Recover Oil from Previously-Producing, but Not Fully Developed Wells**

[http://www.marketwatch.com/story/paradigm-oil-and-gas-inc-pdgo-takes-delivery-of-first-transportable-enhanced-oil-recovery-platform-2010-09-29?reflink=MW\\_news\\_stmp](http://www.marketwatch.com/story/paradigm-oil-and-gas-inc-pdgo-takes-delivery-of-first-transportable-enhanced-oil-recovery-platform-2010-09-29?reflink=MW_news_stmp)

**Lubricator Failure Forces Shut Compressor at Cedar Lake Booster Station in Texas September 29**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=145441>

**Compressor Shuts, Restarts at Welsh CO2 Gas Processing Facility in Texas September 28**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=145438>

**Gas Release Triggers Fire, Forcing Shut Equipment and Leading to Flaring at Waddell Compressor Station in Texas September 28 - Engines Restarted September 28**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=145389>

## 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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