



# ENERGY ASSURANCE DAILY

Monday Evening, September 14, 2009

## ***Electricity***

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### **Lightning Knocks Out Power to 47,000 PG&E Customers in California, Causes Fires September 12**

About 40,000 customers lost power in San Francisco between 5:00 and 5:30 a.m. on September 12. These customers were restored by 7:30 a.m. A second outage of 7,000 hit another neighborhood just after 8:30 a.m. Peak outages during the storm were 40,000. By early evening of September 12, all but 200 customers had power restored.  
<http://www.sfgate.com/cgi-bin/article.cgi?f=/c/a/2009/09/13/BA0319MAI7.DTL>

### **GDF Suez Plans new 575 MW Unit at Astoria Gas-fired Power Plant in New York**

The expansion will add one new unit to the 575 MW existing unit, increasing the plant's generating capacity to 1,150 MW. Work is expected to be complete in 2011.  
<http://www.reuters.com/article/rbssIndustryMaterialsUtilitiesNews/idUSN1039855820090910>

### **Future Power Seeks Federal Funding for Planned 270 MW Good Spring IGCC Power Plant in Pennsylvania**

The integrated gasification combined cycle (IGCC) plant will burn local coal and sequester its carbon dioxide emissions. The plant is expected to begin operations in 2020.  
Business Wire, 12:26 September 14, 2009

### **AEP Commences Construction of 10 MW Wyandot Solar Energy Facility in Ohio**

The 83-acre facility will be one of the largest solar power plants in the Eastern U.S.  
<http://toledoblade.com/apps/pbcs.dll/article?AID=/20090911/BUSINESS03/909110330/0/SCHOOLCLOSURES>

### **Update: Mirant to Shut its 226 MW Potrero Gas-fired Power Plant in California in 2010**

California state regulators voted to keep the power plant running through 2010. A CAISO spokesperson said that two transmission project must be completed before the plant's closure can be approved.  
<http://www.rdmag.com/News/FeedsAP/2009/09/energy-sf-power-plant-to-remain-open-through-2010/>

### **Update: Consumers Energy to Develop 830 MW Coal-fired Power Plant in Michigan Despite Unfavorable Report by State Regulatory Staff**

A state report found that Consumer Energy's need for new generative capacity by 2018 is not justified by growing demand but from Consumer Energy's desire to retire aging coal-fired plants.  
Reuters, 17:56 September 11, 2009

### **Exelon's 1,163 MW Byron Nuke Unit 1 in Illinois Shut by September 14**

The Nuclear Regulatory Commission reported that on the morning of September 13 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/>

### **Exelon's 1,093 MW Peach Bottom Nuke Unit 3 in Pennsylvania Shut by September 14**

The Nuclear Regulatory Commission reported that on the morning of September 13 the unit was operating at 87 percent.  
Information derived from the NRC Power Reactor Status Reports:  
<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

### **Constellation's 498 MW Ginna Nuke Unit in New York Shut by September 14**

The Nuclear Regulatory Commission reported that on the morning of September 13 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/>

### **SCE's 1,070 MW San Onofre Nuke Unit 2 in California Shut by September 14**

The Nuclear Regulatory Commission reported that on the morning of September 13 the unit was operating at 99 percent.

Information derived from the NRC Power Reactor Status Reports:

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

### **Sithe's 357 MW Goreway Gas-fired Unit 5 in Ontario Shut September 14**

Reuters, 9:45 September 14, 2009

### **TVA's 1,118 MW Browns Ferry Nuke Unit 3 in Alabama Shut by September 13**

The Nuclear Regulatory Commission reported that by the morning of September 12 the unit reduced to 45 percent, but was operating at full power by the morning of September 11.

Information derived from the NRC Power Reactor Status Reports:

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

### **Exelon's 1,022 MW Clinton Nuke Unit in Illinois Reduced to 83 Percent by September 13 and Powers Back up to 97 Percent by September 14**

The Nuclear Regulatory Commission reported that on the morning of September 12 the unit was operating at 97 percent.

Information derived from the NRC Power Reactor Status Reports:

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

### **FPL's 565 MW Duane Arnold Nuke Unit in Iowa Reduced to 72 Percent by September 13**

The Nuclear Regulatory Commission reported that on the morning of September 12 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/>

### **NMC's 522 MW Prairie Island Nuke Unit 1 in Minnesota Shut by September 12**

The Nuclear Regulatory Commission reported that on the morning of September 11 the unit was operating at 84 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 495 MW Alamosa Gas-fired Unit 6 in California Shut by September 12**

According to the California Independent System Operator, the unit reported an unplanned outage by September 12.

<http://www.caiso.com/unitstatus/data/unitstatus200909121515.html>

### **Reliant's 215 MW Mandalay Gas-fired Unit 1 in California Shut by September 12**

According to the California Independent System Operator, the unit reported an unplanned outage by September 12.

<http://www.caiso.com/unitstatus/data/unitstatus200909121515.html>

### **Update: Entergy's 1,207 MW Grand Gulf Nuke Unit 1 in Mississippi at Full Power by September 14**

The Nuclear Regulatory Commission reported that on the morning of September 13 the unit was operating at 91 percent.

Information derived from the NRC Power Reactor Status Reports:

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

### **Update: Energy Northwest's 1,107 MW Columbia Nuke Unit in Washington at Full Power by September 14**

The Nuclear Regulatory Commission reported that on the morning of September 13 the unit was operating at 90 percent.

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 855 MW Quad Cities Nuke Unit 1 in Illinois at Full Power by September 14**

The unit was shut September 9 after a pinhole-sized leak was discovered in a pipe. The Nuclear Regulatory Commission reported that on the morning of September 13 the unit was operating at 77 percent.

Bloomberg News, 09: 57 September 14, 2009

Information also derived from the NRC Power Reactor Status Reports:

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

### **Update: AEP's 528 MW Welsh Coal-fired Unit 2 in Texas Restarts September 13**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=129195>

### **Update: AES's 179 MW Redondo Gas-fired Unit 5 in California Returns to Service by September 13**

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

<http://www.caiso.com/unitstatus/data/unitstatus200909131515.html>

### **Update: AES's 175 MW Alamitos Gas-fired Unit 2 in California Returns to Service by September 12**

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

<http://www.caiso.com/unitstatus/data/unitstatus200909121515.html>

### **Update: TXU's 750 MW Martin Lake Coal-fired Unit 2 in Texas Restarts September 11**

The unit was shut for boiler tube repairs.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=129118>

### **Update: Dynegy's 335 MW El Segundo Gas-fired Unit 3 in California Returns to Service by September 11**

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

<http://www.caiso.com/unitstatus/data/unitstatus200909111515.html>

## ***Petroleum***

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### **Marathon Restarting Units at its 204,000 b/d Robinson, Illinois Refinery September 14**

A small plane hit a power line and cut power to the refinery on September 13.

Bloomberg News, 11:36 September 14, 2009

### **Pemex Plans \$638 Million Refinery Upgrade Projects its Cadereyta and Madero Refineries in Mexico**

Pemex has awarded contracts for two low sulfur gasoline projects in Mexico as a part of the company's clean fuels program. The Cadereyta refinery project includes construction of a 42,500 b/d catalytic distillation train, the amine regeneration unit, flare and ancillary facilities. The Madero refinery project includes construction of two 20,000 b/d catalytic distillation plants, the associated amine regeneration units, flare and all ancillary facilities. Work on both projects is expected to take 44 months.

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=18149](http://www.downstreamtoday.com/news/article.aspx?a_id=18149)

### **Update: BP Restarts Ultraformer at its 455,790 b/d Texas City, Texas Refinery September 11**

The unit experienced a brief outage on September 11.

Reuters, 13:48 September 11, 2009

## **Pacific Rubiales Energy Commences Operation of its Oleoductos de Los Llanos (ODL) Crude Pipeline in Colombia**

The pipeline has an initial capacity of 60,000 b/d, and will increase to 160,000 b/d in 2010. The pipeline may eventually transport 260,000 b/d with further investments.

<http://www.reuters.com/article/rbssEnergyNews/idUSBNG16028420090914>

Reuters, 09:49 September 14, 2009

## **Libyan Government Plans Development of 24 Offshore Oilfields to Boost Crude Production Capacity**

Libya hopes to boost the country's crude production capacity to 3 MMb/d by 2013, up from current production rates of 1.8 MMb/d. Libya has 5 billion barrels of reserves in remote areas that are difficult to develop.

[http://www.bloomberg.com/apps/news?pid=newsarchive&sid=aUSZWLTcB\\_gM](http://www.bloomberg.com/apps/news?pid=newsarchive&sid=aUSZWLTcB_gM)

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## **Natural Gas**

### **Regency Energy Partners Plans 300 MMcf/d Red River Lateral Extension of the Nexus Gathering System in North Louisiana**

The lateral will be about 12.5 miles of 36-inch diameter from the Haynesville Shale in Louisiana. When complete, the expansion project will bring the system's total capacity to 1.2 Bcf/d

<http://intelligencepress.com/>

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=18151](http://www.downstreamtoday.com/news/article.aspx?a_id=18151)

### **Enbridge Holds Open Season for 2 Bcf Tecumseh Gas Storage Facility in Ontario**

The storage facility is expected to begin service on April 1, 2010.

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=18171](http://www.downstreamtoday.com/news/article.aspx?a_id=18171)

### **Chevron Plans 695.5 Bcf/yr Grogan LNG Project Offshore Australia**

Construction on the project is expected to begin immediately, and LNG exports are expected to reach full capacity in 2014.

<http://www.nytimes.com/aponline/2009/09/13/business/AP-AS-Australia-Gorgon.html>

<http://www.bloomberg.com/apps/news?pid=newsarchive&sid=arU5wgcELJV0>

### **TransCanada's Gas Pipeline in Ontario Explodes September 13**

Residents within a one kilometer diameter of the pipeline were evacuated. Police investigating the explosion says there may be evidence of tampering but the cause remains unknown. TransCanada says that there will be no supply disruptions from the explosion.

<http://www.calgarysun.com/news/canada/2009/09/13/10869186-sun.html>

DJN, 12:37 September 14, 2009

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## **Other News**

### **EPA Identifies 79 Surface Coal-Mine Permits in Appalachian Mountains that Need Further Review**

The administration says that that the permits need to address risks of harming water quality.

Reuters, 11:36 September 11, 2009

<http://yosemite.epa.gov/opa/admpress.nsf/d0cf6618525a9efb85257359003fb69d/b746876025d4d9a38525762e0056be1b!OpenDocument>

## Energy Prices

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<b>U.S. Oil and Gas Prices</b> September 14, 2009			
	<b>Today</b>	<b>Week Ago</b>	<b>Year Ago</b>
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	68.91	68.10	101.19
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	2.94	2.06	8.02

Source: Reuters

## Energy Notes

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### **Storm Knocks Out Power to About 24,000 PECO Customers in Pennsylvania September 11**

<http://www.delcotimes.com/articles/2009/09/12/news/doc4aaaf5f80a506655779999.txt>

### **Xcel Energy Reports “Non-Emergency” Radioactive Release of Tritium from its 600 MW Monticello Nuke Power Plant in Minnesota September 11**

<http://www.startribune.com/local/59054932.html?elr=KArks:DCiUMeEaPc:UiD3aPc: Yyc:aU7DYaGEP7vDEh7P: DiUs>

### **Xcel Report Rejects Bids for Wind Power Development in Southeast Wyoming**

<http://www.krdotv.com/Global/story.asp?S=11121458>

### **Otter Tail Power Withdraws from Developing Planned 500-600 MW Big Stone II Coal-fired Power Plant in South Dakota**

<http://online.wsj.com/article/BT-CO-20090911-712041.html>

### **SCE Installing First of 5 Million Smart Meters to Customers in California**

DJN, 11:54 September 14, 2009

### **EnergyHub and Con Edison Plans Smart Grid Pilot Program for Customers in New York**

Market Wire, 11:20 September 14, 2009

### **Update: Special Oversight No Longer Necessary for FirstEnergy’s 898 MW Davis Besse Nuke Plant in Ohio Following Acid Leaks in 2002 – NRC**

<http://www.wtol.com/Global/story.asp?S=11118762>

### **Flaring Reported at Valero’s 199,500 b/d Texas City, Texas Refinery September 12**

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=129326>

### **ExxonMobil Reports Breakdown at its 155,000 b/d Torrance, California Refinery September 14**

Bloomberg News, 10:27 September 14, 2009

### **Tanker Carrying 10,000 Gallons of Jet Fuel Rolled Over on Highway in New York, 7,900 Gallons Spilled September 12**

<http://www.wgrz.com/news/local/story.aspx?storyid=70167&provider=gnews>

## **ConocoPhillips Requests Authorization to Export 500 Bcf Natural Gas from Freeport LNG Terminal in Texas over Two Years – DOE**

Reuters, 12:09 September 14, 2009

## **Natural Gas Pipeline Explodes in Rio Grande City, Texas September 13**

<http://www.krgv.com/mostpopular/story/Gas-Pipeline-Explodes-in-Rio-Grande-City/9ZYzNbgk-kSpqAK11wFqYg.csp>

## **Georgia Natural Gas Collects Methane Gas from Landfills to Processes for Consumer Use**

[http://news.prnewswire.com/DisplayReleaseContent.aspx?ACCT=ind\\_focus.story&STORY=/www/story/09-14-2009/0005093018&EDATE=](http://news.prnewswire.com/DisplayReleaseContent.aspx?ACCT=ind_focus.story&STORY=/www/story/09-14-2009/0005093018&EDATE=)

## **Equipment Failure at 290 MMcf/d Waha Gas Plant in Texas September 12**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=129332>

## **Equipment Failure at Tilden Gas Plant in Texas September 12**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=129335>

## **Throughput Decreased at Houston Natural Gas Pipeline in Texas September 12**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=129327>

## **Refineries in United States and Europe to Reduce Operations in September and October Through Run Cuts and Extended Maintenance due to High Heating Oil Inventories**

Reuters, 09:00 September 14, 2009

## **North Sea Crude Nine Main Loadings to Average 2.251 MMb/d in October, Up from 1.957 MMb/d in September**

Reuters, 11:11 September 14, 2009

## **Repsol Discovers 7 to 8 Tcf Natural Gas Field Offshore Venezuela September 11**

<http://online.wsj.com/article/BT-CO-20090914-706127.html>

## **Movement for the Emancipation of the Niger Delta (MEND) to End 60-Day Cease-Fire September 15 in Nigeria**

Bloomberg News, 13:58 September 14, 2009

## **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/ead.aspx>

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