



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

# ENERGY ASSURANCE DAILY

Wednesday Evening, January 19, 2011

## ***Electricity***

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### **Duke Energy's 510 MW Moss Landing Gas-Fired Unit 2 in California Shut by January 18**

According to the California Independent System Operator, the unit reported an unplanned outage by January 18.

<http://www.caiso.com/unitstatus/data/unitstatus201101181515.html>

### **Multiple Companies' 175 MW Luz Solar Partners Solar-Powered Units 3-7, 184 MW Units 8-9 in California Shut by January 18**

According to the California Independent System Operator, the units reported unplanned outages by January 18.

<http://www.caiso.com/unitstatus/data/unitstatus201101181515.html>

### **Update: Calpine's 366 MW Inland Empire Gas-Fired Unit 2 in California Restarted by January 18**

According to the California Independent System Operator, the unit returned from an unplanned outage by January 18. The unit shut by January 17, an earlier report said.

<http://www.caiso.com/unitstatus/data/unitstatus201101181515.html>

<http://www.caiso.com/unitstatus/data/unitstatus201101171515.html>

## ***Petroleum***

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### **Update: Enbridge Plans Multiple Oil Pipeline Projects in North Dakota**

The North Dakota Public Service Commission expects to hold a public hearing tomorrow, January 20, to discuss two Enbridge oil pipeline projects: the Bakken Pipeline Project U.S. and the Beaver Lodge Loop Project. More specifically:

- The Bakken Pipeline Project would expand the U.S. section of Enbridge's existing 12-inch Portal Link (Line 26) pipeline in North Dakota. It would, as early as 2013, boost the company's crude oil transportation capacity by 120,000 b/d in the United States and Canada.
- The Beaver Lodge Loop Project would add as much as 145,000 b/d of crude oil transportation capacity into Enbridge's North Dakota System Berthold station. The company would construct 26 miles of 12-or 16-inch pipeline from its Beaver Lodge Station near Tioga, North Dakota to a separate company-owned station in Stanley, North Dakota. It would also install 29 miles of 16-inch pipeline between the Stanley station and another company-owned station in Berthold, North Dakota.

<http://www.willistonherald.com/articles/2011/01/18/news/doc4d35c2e26b35e662533825.txt>

<http://www.enbridge.com/BakkenPipelineProjects/BakkenPipelineProjectUS.aspx>

<http://www.enbridge.com/BeaverLodgeLoopProject.aspx>

### **HFOTCO to Boost Fuel Oil Storage Capacity, Construct New Ship Dock at Houston Ship Channel Complex**

Houston Fuel Oil Terminal Company (HFOTCO) plans to install 2.7 million barrels of residual fuel oil storage tank capacity and construct a new ship dock at its existing oil terminal in the U.S. Gulf of Mexico, the company said on January 18. The terminal has 13.3 million of working tank capacity. The company expects to commission the 2.7 million barrels of new capacity – along with a 20-spot railcar rack facility and a new substation – in 2011 and 2012. It plans to complete the new ship dock in May 2011. The dock would equip the facility to handle another 180 ships per year.

[http://www.hfotco.com/news.html#1\\_18\\_2011](http://www.hfotco.com/news.html#1_18_2011)

## **Shell Reports Unscheduled Work at 100,000 b/d Alberta, Canada Refinery January 18**

The company expected the work to last four hours, but did not anticipate any “material impact” on production, it said on a community hotline.

Reuters, 17:36 January 18, 2011

## **Shell Halts Four Platforms after Weekend Accident at Brent Oil-and-Gas Field in U.K. North Sea – Field Produces About 20,000 b/d of Crude and 160 MMcf/d of Natural Gas**

Shell evacuated up to 100 workers after a 50 metric-ton bar collapsed at its Brent oil-and-gas field in the U.K. North Sea, according to an official with the United Kingdom’s National Union of Rail, Maritime and Transport Workers. Shell, for its part, said it had halted production from four field platforms; it did not say when it would restart production or if it expected to declare force majeure on the affected shipments. The field produces approximately 20,000 b/d of crude oil and 160 MMcf/d of natural gas, according to Shell.

<http://www.bloomberg.com/news/2011-01-18/shell-shuts-brent-north-sea-platorms-after-incident-can-t-forecast-return.html>

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## **Natural Gas**

### **Natural Gas Pipeline Explodes, Killing One and Injuring Six Others in Philadelphia, Pennsylvania January 18**

A Philadelphia Gas Works (PGW) employee died after a 12-inch natural gas pipeline exploded in northeast Philadelphia, Pennsylvania on January 18, news, company, and fire officials said. The blast injured four other PGW workers and two firefighters. It occurred as PGW and firefighters worked to fix a leak; responders had already evacuated residents from nearby homes.

[http://www.philly.com/inquirer/home\\_region/20110119\\_1\\_dead\\_five\\_injured\\_in\\_gas\\_explosion\\_in\\_Northeast\\_Philly.html](http://www.philly.com/inquirer/home_region/20110119_1_dead_five_injured_in_gas_explosion_in_Northeast_Philly.html)

### **Apache Investigating Natural Gas Leak at Non-Producing Platform in U.S. Gulf of Mexico January 16-18**

Apache shut multiple pipelines after it discovered a natural gas leak at a non-producing platform in the U.S. Gulf of Mexico, according to the Bureau of Ocean Energy Management, Regulation and Enforcement (BOEMRE). The platform – East Cameron Block 278 Platform B – is located in about 173 feet of water, approximately 93 miles south of Lake Charles, Louisiana. Apache discovered the leak on January 16. The company was, prior to the incident, using the affected platform to process natural gas and condensate from separate offshore locations. It was using a robotic vehicle to determine if the platform could be safely reboarded, as of latest reports. Should the company be unable to reboard, BOEMRE said a relief well would be used.

<http://www.washingtonpost.com/wp-dyn/content/article/2011/01/18/AR2011011805447.html>

[http://www.offshore-mag.com/index/article-display/1337434273/articles/offshore/drilling-completion/us-gulf-of-mexico/2011/january/rov-surveys\\_apache.html](http://www.offshore-mag.com/index/article-display/1337434273/articles/offshore/drilling-completion/us-gulf-of-mexico/2011/january/rov-surveys_apache.html)

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## **Other News**

### **Despite Reduced Quota, Chinese Rare Earth Exports Surge 14.5 Percent over First 11 Months of 2010**

China exported 35,000 tons of rare earths from January to November of 2010, the Commerce Ministry said on January 18, far outpacing the Chinese government's year-long quota of 30,300 tons. Japan, Europe, and the United States accounted for more than 80 percent of the exports, according to a ministry spokesman. Rare earths are used in the production of hybrid vehicles, among other processes. Cheaper Chinese imports led the United States, among other countries, to stop producing rare earths in the 1990s.

<http://www.latimes.com/technology/sns-ap-as-china-rare-earths.0,1259347.story>

## Energy Prices

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U.S. Oil and Gas Prices January 19, 2011			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	91.22	92.02	77.90
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.52	4.55	5.66

Source: Reuters

## Energy Notes

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### **Ice Cuts Power to 22,000 Connecticut Light & Power Customers Lose Electricity in Connecticut January 18**

<http://www.courant.com/news/weather/ctn-weather-forecast-connecticut-fox-ct.0.4543231.story>

<http://www.cl-p.com/outage/OutageMap.aspx>

### **Richmond Power & Light Plans 50 MW Waste-Based Power Plant in Indiana**

<http://www.pal-item.com/article/20110119/NEWS01/101190319>

### **Update: Judge Clarifies Previous Rejection of Parts of Air Permit for Power4Georgians' and EPD's Proposed 850 MW Coal-Fired Plant Washington near Sandersville, Georgia – Judge Says Companies Must Revise Just Two Sections of Permit**

<http://www.macon.com/2011/01/19/1415635/judge-clarifies-plant-washington.html>

### **Electrical Problem Suspected to Blame after Underground Gas Explosion, Evacuations in Montgomery County, Pennsylvania January 18 – No Injuries Reported**

<http://abclocal.go.com/wpvi/story?section=news/local&id=7905448>

### **Citing Anticipated Power Loads, TVA to Construct Either 500-kV Substation or Conduct Extensive 161-kV Electric Transmission Upgrades in Putnam and Cumberland Counties, Tennessee by 2016**

<http://www.prnewswire.com/news-releases/tva-invites-comments-on-environmental-review-for-transmission-project-114161304.html>

### **Update: After Months of Challenges, ConocoPhillips Receives Authorization from Idaho Transportation Director to Deliver Large Oil Refinery Equipment to Montana along U.S. Highway 12 in Idaho – Company Could Begin Deliveries on February 1**

<http://www.ktvb.com/news/ITD-chief-signs-off-on-megaloads-permits-114158294.html>

### **ExxonMobil Sees No Affect to Production after Excess Emissions at 149,500 b/d Torrance, California Refinery January 18**

Reuters, 20:08 January 18, 2011

### **Update: Inergy Midstream Announces Non-Binding Open Season for Extension of Pipeline Header System at Tres Palacios Natural Gas Storage Facility in Texas – Extension Would Create New Point of Interconnection at Tailgate of Copano Energy-Owned Plant in Colorado County, Texas**

<http://investor.inergypropane.com/phoenix.zhtml?c=132026&p=irol-newsArticle&ID=1516619&highlight>

**Pegasi Energy Commissions 2.14 Miles of 4-Inch and 8-Inch Natural Gas Pipeline in Marion County, Texas – Lines Intended to Serve Norbord #1 Gas Discovery**

<http://www.globenewswire.com/newsroom/news.html?d=211179>

**State Agency Facility Evacuated on Suspected Natural Gas Leak January 14 – Fire Official Says Leak Repaired**

<http://www.clintonnews.com/apps/pbcs.dll/article?AID=/D0/20110114/NEWS/110114011/Suspected-gas-leak-forces-evacuation>

**GAO Reports Progress, but Cites Key Challenges, in Efforts to Ensure Cybersecurity as Utilities Roll Out Smart Grid Systems**

<http://www.gao.gov/products/GAO-11-117>

[http://www.nextgov.com/nextgov/ng\\_20110114\\_5416.php?oref=topnews](http://www.nextgov.com/nextgov/ng_20110114_5416.php?oref=topnews)

**Sub-Freezing Weather Could Reduce Chevy Volt's Battery Range by More than 30 Percent: WSJ Columnist**

<http://online.wsj.com/article/SB10001424052748703954004576090070323548208.html.html>

## 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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