



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

# ENERGY ASSURANCE DAILY

Wednesday Evening, October 07, 2015

## *Electricity*

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### **Substation Fire Knocks Out Power to 9,000 PSO Customers in Oklahoma October 6**

Public Service of Oklahoma (PSO) reported that almost 9,000 customers were temporarily without power after a substation fire in Broken Arrow. The fire took place around 12:30 p.m. CDT at the 101st and Elm substation, and service was restored shortly after 1:30 p.m. CDT. PSO representatives said the fire was in their number one transformer and affected their number two transformer. The company was investigating the cause of the fire.

<http://www.newsone.com/story/30199158/thousands-lose-power-after-broken-arrow-substation-fire>

### **Update: Entergy's 1,075 MW Waterford Nuclear Unit 3 in Louisiana Ramps Up to 90 Percent by October 7**

On the morning of October 6 the unit had restarted and ramped up to 10 percent. The unit shut from full power on October 3 due to an automatic reactor trip.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2015/20151005en.html>

### **Desert Sunlight's 300 MW Solar Unit in California Reduced by October 6**

The unit entered an unplanned curtailment of 105 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201510061515.html>

### **San Diego Gas & Electric's 575 MW Palomar Gas-fired Unit in California Reduced by October 6**

The unit entered an unplanned curtailment of 300 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201510061515.html>

### **Calpine's 525 MW Sutter Gas-fired Unit in California Reduced by October 6**

The unit entered an unplanned curtailment of 175 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201510061515.html>

### **FirstEnergy Prepares to Build Substation to Support West Virginia Shale Gas Industry**

FirstEnergy Corp. announced that final design and preliminary site work were underway for a new substation near Smithfield, West Virginia, which will support the increased load from the area's rapidly expanding Marcellus Shale gas industry, and enhance service reliability for more than 6,000 Mon Power customers in Wetzel, Marion, and Tyler counties. The work includes building a new, two-mile transmission line to connect the substation with a midstream natural gas processing facility. Construction is expected to begin in early 2016, with the project scheduled to be energized in late 2016.

[https://www.firstenergycorp.com/newsroom/news\\_releases/work-to-begin-on-new-firstenergy-transmission-substation-to-supply.html](https://www.firstenergycorp.com/newsroom/news_releases/work-to-begin-on-new-firstenergy-transmission-substation-to-supply.html)

### **Hydrogen Supply Problems Trigger Flaring at Motiva's 603,000 b/d Port Arthur, Texas Refinery October 5 – Sources**

Problems with hydrogen supply set off flaring overnight at the Motiva Enterprises Port Arthur, Texas refinery, sources familiar with plant operations said on Tuesday. Energy industry intelligence service Genscape said flaring was seen between 10:24 p.m. local time Monday and 5:10 a.m. local time Tuesday from a flare associated with a coking unit and a naphtha processing complex at the refinery. Hydrogen supply seems to have stabilized by early Tuesday, the sources said.

Reuters, 10:38 October 6, 2015

### **Fire Extinguished at Hexion's Resin Processing Plant at Shell's 316,000 b/d Deer Park, Texas Refinery October 6**

A small fire was quickly extinguished Tuesday night at a Hexion Inc resin processing plant within Royal Dutch Shell Plc's refining and petrochemical complex in Deer Park, Texas, a Hexion spokesman said. There were no injuries as a result of the incident, and a Shell spokesman said operations at the refinery and the adjoining chemical plant were not affected by the fire. Sources familiar with Deer Park operations said the Hexion plant uses resins produced from Shell's chemical plant and processes them into products for other customers.

Reuters, 23:44 October 6, 2015

### **Chevron Reports Loss of Sulfur at Its 245,271 b/d Richmond, California Refinery October 3**

Reuters, 15:51 October 6, 2015

### **Phillips 66 Reports Unit Shutdown at Its 120,200 b/d Rodeo, California Refinery October 3**

Reuters, 15:50 October 6, 2015

### **U.S. Oil Stocks Rise More Than Expected Last Week – EIA**

U.S. crude stocks rose more than expected last week as refiners reduced inputs and idled capacity, data from the Energy Information Administration (EIA) showed on Wednesday. Crude inventories rose by 3.1 million barrels to 461 million last week, compared with analysts' expectations for an increase of 2.2 million barrels. Crude stocks at the Cushing, Oklahoma, and delivery hub rose by 98,000 barrels, EIA said

Reuters, 11:15 October 7, 2015

### **BTG Pactual to Export Condensate Cargo from Buckeye Partners' Perth Amboy Terminal – Sources**

The trading arm of Brazilian investment bank BTG Pactual is opening a new front of condensate exports on the U.S. East Coast as a cargo of light oil from the Marcellus and Utica natural gas fields prepares for loading in New Jersey, two sources familiar with the matter said. BTG is expected to load a Panamax-class vessel with 300,000 barrels of lightly processed condensate at Buckeye Partners LP's Perth Amboy terminal this week, the sources added. The STI Beryl vessel, which entered the New York Harbor on Monday, would be among the first tankers to move the ultra-light crude out of the northeast U.S. The U.S. began exporting condensate, a light oil, about a year ago after the government ruled it wasn't subject to a ban on overseas shipments of domestic crude. So far those condensate exports have come from terminals along the Gulf Coast, but Marcellus and Utica midstream operators have invested in stabilizers and infrastructure to partially process and transport condensate.

Reuters, 10:59 October 7, 2015

### **EnLink's 50,000 b/d Utica Condensate Pipeline Delayed Amid Weak Producer Interest – Spokeswoman**

Minimal producer interest has prompted EnLink Midstream Partners LP to delay initial construction on a proposed condensate pipeline in the Ohio River Valley, which was originally slated to start service in the second half of this year. The 45-mile, 8-inch pipeline would have connected to an existing 200-mile pipeline in Ohio and West Virginia, and provide market access through EnLink's Bells Run barge facility and Black Run rail terminal. The company has secured engineering permits and 95 percent of the right-of-way needed to construct the pipeline, the spokeswoman said. EnLink operates eight gas compression and condensate facilities in the Ohio River Valley.

Reuters 18:30 October 6, 2015

## **TransCanada Launches Binding Open Season for Cushing Marketlink from Oklahoma to Gulf Coast**

TransCanada Corporation today launched an open season to obtain binding commitments from interested parties for transportation of crude oil on Cushing Marketlink from Cushing, Oklahoma to markets on the U.S. Gulf Coast. The open season that will close on November 6. The anticipated commencement date for crude oil transportation service is early first quarter of 2016.

<http://www.transcanada.com/news-releases-article.html?id=1990767&t>

## **California's Monterey Oil Deposits Seen at 21 Million Barrels, Lower than Previous Estimates – USGS**

Unconventional oil and gas deposits in deeper portions of California's Monterey formation may not be as prolific as once estimated, the U.S. Geological Survey (USGS) said on Tuesday. A new study by the agency estimated that 21 million barrels of oil and 27 billion cubic feet of gas can be recovered from the Monterey shale in the San Joaquin Basin using existing technology for hydraulic fracturing. Though the Monterey shale was once seen as holding great promise for unconventional oil extracted by fracking, the latest volume estimates were relatively small compared with previous studies of the area's conventional resources.

Reuters, 15:14 October 6, 2015

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## **Natural Gas**

### **Atlas Pipeline Reports Loss of Purchase Power at Its 195 MMcf/d Midkiff Gas Plant in Texas October 5**

Atlas reported loss of purchase power to its Midkiff gas plant on Monday. Once power was restored, the plant was put back online.

<http://www2.tceq.texas.gov/oce/ear/index.cfm?fuseaction=main.getDetails&target=221198>

### **AGL Resources Says Atlanta Gas Light Reaches Settlement on Gas Pipeline Replacement Program**

AGL Resources Inc. on Tuesday announced its Atlanta Gas Light (AGL) subsidiary reached a settlement with the Georgia Public Service Commission related to its Pipeline Replacement Program (PRP) that concluded in December 2013. The settlement resolves all issues related to the previously disclosed February 2015 PRP true-up filing, the August 2014 agreement related to construction issues on one of the capital projects under the program (the Eastside Pipeline ESPL), and various other matters. The Commission voted unanimously to approve the settlement. AGL continues to replace aging pipeline infrastructure and is currently focused on the replacement of vintage plastic pipelines in its system.

<http://ir.aglr.com/phoenix.zhtml?c=79511&p=irol-newsArticle&ID=2094729>

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## **Other News**

Nothing to report.

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## **International News**

Nothing to report.

## ***Energy Prices***

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| <b>U.S. Oil and Gas Prices</b>                                       |              |                 |                 |
|--|--------------|-----------------|-----------------|
| October 7, 2015  |              |                 |                 |
|  | <b>Today</b> | <b>Week Ago</b> | <b>Year Ago</b> |
| <b>CRUDE OIL</b><br><b>West Texas Intermediate U.S.</b><br>\$/Barrel | 47.81        | 45.01           | 89.42           |
| <b>NATURAL GAS</b><br><b>Henry Hub</b><br>\$/Million Btu             | 2.35         | 2.53            | 3.88            |

Source: Reuters

## ***Links***

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***This Week in Petroleum*** from the U.S. Energy Information Administration (EIA)

<http://www.eia.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

***Weekly Petroleum Status Report*** from EIA

[http://www.eia.gov/oil\\_gas/petroleum/data\\_publications/weekly\\_petroleum\\_status\\_report/wpsr.html](http://www.eia.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html)

Updated after 10:30 AM & 1:00 PM ET every Wednesday.

***Natural Gas Weekly Update*** from EIA

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM ET every Thursday.

## **ENERGY ASSURANCE DAILY**

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

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