



# ENERGY ASSURANCE DAILY

Friday Evening, September 28, 2012

## ***Electricity***

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### **Update: Xcel's 578 MW Monticello Nuclear Unit in Minnesota Restarts, Ramps Up to 23 Percent by September 28**

Xcel Energy's Monticello nuclear unit is returning from an outage that began September 25, when a power disruption to feedwater and recirculation pumps caused the reactor to scram.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2012/>

## ***Petroleum***

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### **Update: Sunoco Announces Plans to Re-Purpose Its Shuttered Marcus Hook, Pennsylvania Refinery to Process, Store, and Distribute NGLs from the Marcellus Shale**

Sunoco Logistics Partners L.P. on Wednesday announced it will re-purpose its Marcus Hook refinery site to process, store, and distribute natural gas liquids (NGLs) from the Marcellus Shale in Western Pennsylvania. Sunoco had idled the refinery in December due to poor economics. The 70,000 b/d Mariner East pipeline project will deliver propane and ethane from the Marcellus Shale to Sunoco's facility in Marcus Hook. The company will construct a pipeline from MarkWest Energy Partners L.P.'s Houston, Pennsylvania processing and fractionation complex to an interconnection with an existing, idled Sunoco Logistics pipeline at Delmont, Pennsylvania and then to the Marcus Hook site. Sunoco is reversing the existing pipeline, which used to ship refined products from east to west. Upon approval from the U.S. Federal Energy Regulatory Commission, Mariner East is expected to be transporting propane by the second half of 2014 and to be fully operational to deliver both propane and ethane in the first half of 2015.

<http://www.sunocologistics.com/SiteData/docs.pdf>

<http://www.delawareonline.com/Pa-refinery-gets-new-life-as-fracking-gas-facility>

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=37317](http://www.downstreamtoday.com/news/article.aspx?a_id=37317)

### **Update: Chevron Restores Normal Operations at Its 330,000 b/d Pascagoula, Mississippi Refinery by September 28 after Repairing Equipment Damaged by Hurricane Isaac**

Chevron Corp. said its Pascagoula refinery was operating normally on Friday after making repairs to equipment damaged during Hurricane Isaac, according to a spokesman. The refinery had run at reduced rates since August 30 due to the storm.

Reuters, 10:06 September 28, 2012

### **Brief Loss of Power Leads to Emissions at Flint Hills' 288,468 b/d Corpus Christi, Texas Refinery September 27**

Flint Hills Resources reported emissions from its Corpus Christi refinery overnight Thursday were caused when a temporary loss of power disrupted steam injection to the cogeneration unit, according to a filing with the Texas Commission on Environmental Quality.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=174130>

### **Unspecified Process Upset Causes Emissions at Phillips 66's 146,000 b/d Borger, Texas Refinery September 26**

Phillips 66 reported an unspecified process upset caused emissions at its Borger refinery Wednesday afternoon, according to a filing with the Texas Commission on Environmental Quality. A company spokesman could not provide further information.

Reuters, 12:41 September 27, 2012

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=174107>

## **Shell Restarts SRU at Its 156,400 b/d Martinez, California Refinery September 23**

Royal Dutch Shell Plc restarted sulfur recovery unit (SRU) No. 3 at its Martinez refinery on September 23, according to a filing with the Contra Costa County Hazardous Materials Program.  
Reuters, 12:24 September 27, 2012

## **Update: United Steelworkers Union Ends 4-Month Strike at Husky's 155,000 b/d Lima, Ohio Refinery September 27**

Members of United Steelworkers union (USW) Local 624 ended a four-month strike at Husky Energy Inc.'s Lima refinery late on Thursday night. The refinery has continued to operate without interruption during the strike. The 230 USW workers began the strike on May 25, alleging that Husky management had failed to negotiate in good faith for a contract to replace the one that expired on April 14.

<http://www.reuters.com/article/2012/09/28/refinery-labor-husky-lima-idUSL1E8KS26J20120928>

## **Enbridge to Add 350,000-Barrel Storage Tank, Infrastructure to Its Athabasca Terminal in Alberta**

Enbridge Inc. on Thursday announced that it has entered into an agreement with Suncor Energy Oil Sands Limited Partnership to expand the existing infrastructure at the Enbridge Athabasca Terminal to accommodate the incremental bitumen volumes from Suncor's Firebag 3 and 4 developments. Enbridge will construct a new 350,000-barrel tank and additional infrastructure, including new booster pumps, meters, and modifications to existing piping and manifolds. Enbridge began construction on the expansion in July 2011 and expects it to be in-service in the second quarter 2013.

<http://www.enbridge.com/MediaCentre/News.aspx?yearTab=en2012&id=1669945>

## **Natural Gas**

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### **Amine Unit Snag Causes Flaring at DCP Midstream's 160 MMcf/d Goldsmith Gas Plant in Texas September 27**

DCP Midstream reported it was briefly flaring gas at its Goldsmith plant Thursday afternoon after the amine unit went sour due to foaming, according to a filing with the Texas Commission on Environmental Quality.

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=174134>

## **Other News**

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### **Chinese Hackers Suspected for Breaching Telvent's Software Used by Energy Sector**

Telvent Canada Ltd., whose software and services are used to remotely administer and monitor sections of the energy sector, began warning customers last week that it is investigating a hacker attack spanning its operations in the United States, Canada, and Spain. Digital fingerprints point to a Chinese hacking group known as the "Comment Group" that has been tied to repeated cyber-espionage campaigns against key Western interests. Telvent said hackers had installed malicious software and stolen project files related to one of its core offerings—OASyS SCADA—a product that helps energy firms mesh older IT assets with more advanced smart grid technologies. Telvent was still investigating the incident.

[http://krebsonsecurity.com/2012/09/chinese-hackers-blamed-for-intrusion-at-energy-industry-giant-telvent/?utm\\_source=feedburner&utm\\_medium=feed&utm\\_campaign=Feed:%20KrebsOnSecurity%20\(Krebs%20on%20Security\)&utm\\_source=twitterfeed&utm\\_medium=twitter](http://krebsonsecurity.com/2012/09/chinese-hackers-blamed-for-intrusion-at-energy-industry-giant-telvent/?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed:%20KrebsOnSecurity%20(Krebs%20on%20Security)&utm_source=twitterfeed&utm_medium=twitter)

### Update: Russia Officially Opens Its Ust-Luga Oil Export Terminal on Baltic; Terminal Designed to Lessen Reliance on Transit Countries

Nevskaya Pipeline Company on Thursday officially opened its oil export terminal at the Baltic port of Ust-Luga, which was designed to ease Russia's reliance on transit countries after pricing spats between Moscow and Belarus occurred in 2007. The Ust-Luga terminal will have a full annual capacity of 30 million tons, roughly 15 percent of Russia's annual oil exports. Operators have been operating the terminal at reduced capacity since the end of March, to allow workers to inspect and repair several cracks appeared on the berths last year. Launching the terminal has already caused deep cuts in deliveries along the 1.2 million b/d Druzhba pipeline to Poland, Germany, and the Czech Republic, and it is expected to reduce deliveries in the Ukraine and Belarus as well.

<http://www.themoscowtimes.com/business/article/new-130m-baltic-port-gives-export-flexibility/468931.html>

## Energy Prices

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U.S. Oil and Gas Prices			
September 28, 2012			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	91.88	92.80	82.33
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.01	2.76	3.92

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 and 1:00 PM Eastern Time every Wednesday.

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

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

Updated after 2:00 PM Eastern Time every Thursday.

### ENERGY ASSURANCE DAILY

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

Please direct comments and questions to: [ead@oe.netl.doe.gov](mailto:ead@oe.netl.doe.gov)