



# ENERGY ASSURANCE DAILY

Monday Evening, August 12, 2013

## *Electricity*

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### **23,000 Dominion Virginia Customers Left Without Power After Storm in Southern Virginia August 10; Most Have Power Restored by August 12**

A strong storm on Saturday night brought straight-line winds, which downed trees and power lines in Henrico, Hanover, and New Kent counties in southern Virginia, leaving approximately 23,000 Dominion Virginia Power customers without power. As of 3:30 p.m. today, only 160 customers remained without power.

<http://www.nbc12.com/story/23106090/storm-clean-up-and-power-restoration-continues-in-henrico>  
<https://www.dom.com/storm-center/richmond.jsp>

### **Dominion's 1,130 MW Millstone Nuclear Unit 3 in Connecticut Shut August 9**

On Friday night, the plant experienced the loss of a non-vital 480v bus resulting in a feedwater transient that caused the steam generator water level to lower below the automatic reactor trip setpoint. The plant is currently stable in mode 3 at normal operating pressure and temperature and is in its normal shutdown electrical lineup. There was no impact on Unit 2 which is currently operating at 100% power. Unit 3 remained shut as of Monday morning.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>  
<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20130812en.html>

### **Radiation Monitor Out of Service at Xcel's 522 MW Prairie Island Nuclear Unit 1 in Minnesota August 9**

Xcel reported that during the performance of a surveillance procedure for radiation monitor train A calibration, radiation monitor R-21, circulating water discharge radiation detector failed the source test point three times and was removed from service. Repairs are in progress.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20130812en.html>

### **Update: Progress Energy's 811 MW Brunswick Nuclear Unit 2 in North Carolina Ramped Up to 60 Percent by August 12**

On the morning of August 11 the unit was operating at 22 percent, down from 40 percent on the morning of August 9, according to the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

### **Update: Entergy's 836 MW Arkansas Nuclear Unit 1 in Arkansas Ramped Up to 83 Percent by August 10**

On the morning of August 9 the unit was operating at 56 percent, according to the Nuclear Regulatory Commission. The unit reconnected to the grid on August 7 after exiting a scheduled refueling outage that began on March 24 and undergoing a major restoration effort.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

### **Buckeye Resumes Deliveries on Product Pipelines to Long Island and LaGuardia Airport in New York Following an Outage Due to a Water Main Break August 9**

Buckeye Partners LP, on Friday, shut two pipelines as a precautionary measure after a water main break in the area. The lines were shut because water was shut off to the company's fire protection system while repairs were made to the water main. One of the pipelines, with a capacity of 60,000 b/d, carries gasoline and diesel to Long Island. The other 60,000 b/d pipeline carries jet fuel to La Guardia Airport in New York. The company said it had resumed all deliveries in all New York locations as of Friday evening.

Reuters, 20:32 August 9, 2013

### **Process Unit Restarted at Marathon's 226,000 b/d Catlettsburg, Kentucky Refinery August 11 Following Power Outage August 9**

Marathon Petroleum Corp. reported a release of benzene upon start-up of a processing unit, on Sunday, according to a filing with the U.S. National Response Center. On Friday the refinery had experienced a power outage and was in the process of bringing the affected units back on line.

Reuters 2:11 August 12, 2013

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=1056765](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1056765)

### **Valero's 270,000 b/d Norco, Louisiana Refinery Returning to Planned Rates August 12 After Power Disruption Shuts Multiple Units August 9**

Valero Energy Corp. said all units at its refinery in Norco, Louisiana, were returning to planned rates following a power outage on Friday that caused multiple units to shut, according to a notice filed with the U.S. National Response Center.

Reuters, 9:51 August 12, 2013

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=1056659](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1056659)

### **Phillips 66 Reports Unit Malfunction at Its 362,000 b/d Wood River, Illinois Refinery August 9**

Phillips 66 reported a unit malfunction, on Friday, at its refinery in Wood River, Illinois, according to a notice filed with the Illinois Emergency Management Agency. The malfunction triggered releases of sulfur dioxide and nitrogen oxide, according to the notice. No further details were immediately available.

Reuters, 13:06 August 11, 2013

### **Catalytic Reformer Shut at PBF's 190,000 b/d Delaware City, Delaware Refinery August 12**

PBF Energy Inc. reported a catalytic reformer was shut at its Delaware City, Delaware, refinery, according to a source familiar with refinery operations.

Reuters, 10:39 August 12, 2013

### **ExxonMobil Reports Sulfur Plant Malfunction at Its 503,000 b/d Baton Rouge, Louisiana Refinery August 10**

Exxon Mobil Corp. reported the sulfur plant malfunctioned at its Baton Rouge, Louisiana, refinery, according to a notice filed with the U.S. National Response Center. The malfunction resulted in the release of hydrogen sulfide into the atmosphere beyond levels allowed by the refinery's operating permit.

Reuters 12:30 August 11, 2013

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=1056692](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1056692)

### **Phillips 66 Reports Flaring at Its 139,000 b/d Carson, California Refinery August 12**

Phillips 66 reported flaring at its refinery in Carson, California, according to a filing with the California Emergency Management Agency. There was a release of about 500 pounds of sulfur dioxide, the filing with said.

Reuters, 4:24 August 12, 2013

## **Shell Considering Crude-by-Rail Terminal at Its 145,000 b/d Anacortes, Washington Refinery August 9**

Royal Dutch Shell may build crude-by-rail offloading infrastructure at its refinery in Anacortes, Washington, a spokeswoman said on Friday. Shell plans to file for permits this summer to expand the Anacortes plant's rail facility to include offloading, a spokesperson said.

Reuters, 17:07 August 9, 2013

## **EPL Isolates Pipeline After Small Leak in Louisiana August 11**

EPL Oil & Gas Inc. isolated a crude oil pipeline after a small leak in the South Marsh Island area of Louisiana, a filing with the U.S. National Response Center showed. About 0.016 gallons of crude oil was spilled into the Gulf of Mexico on Sunday before the release was secured, the filing said.

Reuters, 2:46 August 12, 2013

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=1056780](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1056780)

## **Anadarko Petroleum Reports Oil Discharge, Platform Shut in Viosca Knoll Area of Gulf of Mexico Offshore Louisiana August 11**

Anadarko Petroleum Corp. shut a platform following a crude oil discharge into the Gulf of Mexico in the Viosca Knoll area in the Gulf of Mexico, offshore Louisiana, according to a filing with the U.S. National Response Center. The release was secured.

Reuters, 2:36 August 12, 2013

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=1056776](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1056776)

## **Natural Gas**

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### **12-Inch DCP Pipeline Ruptures in Louisiana, Releases Natural Gas and Condensate August 9; Release Stopped by August 10**

DCP Midstream reported a 12-inch pipeline rupture late Friday releasing 3.9 MMcf of natural gas into the atmosphere and an unknown amount of condensate into the ground, according to a notice filed with U.S. National Response Center. The release near Vernon, Louisiana, was stopped by Saturday.

Reuters, 14:58 August 11, 2013

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=1056710](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1056710)

### **10-Inch Natural Gas Pipeline in Alabama Ruptured by Third-Party Digging August 9**

A 10-inch natural gas pipeline in Jackson County, Alabama, was ruptured on Friday afternoon by a third-party digging, according to a notice filed with the U.S. National Response Center. A nearby two-lane highway was closed due to the rupture and resulting fire. The owner of the pipeline was not known.

Reuters, 14:48 August 11, 2013

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=1056616](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1056616)

### **Andector Booster Shut, Inlet Flow Drops to 80 MMcf/d at DCP Midstream's 160 MMcf/d Goldsmith Gas Plant in Texas August 10**

DCP Midstream reported the andector booster went down causing inlet flow to drop to 80 MMcf/d, which caused both turbines to recycle on all stages. When the gas was brought back into the plant, the first stage recycle valve on turbine A did not shut causing the 50 lb. suction header to stay pressured up. The plant operator manually shut the first stage recycle valve on turbine A.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=186596>

### **Inlet Gas Flared at Southern Union's 140 MMcf/d Keystone Gas Plant in Texas August 9**

Southern Union reported flared inlet gas when the field unit went down due to hot compressor valves on Friday. Maintenance crews were called to replace the compressor valves and the field units were put back on line.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=186589>

### **P-9 Unit Down Due to Power Failure at ExxonMobil's 65 MMcf/d Dollarhide Gas Plant in Texas August 9**

ExxonMobil reported the P-9 unit went down due to a power failure from a blown fuse-link. Operators restarted the unit and power was recovered.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=186591>

## AGI Compressors Down, Gas Flow Curtailed at Tilden Gas Plant in Texas August 9

Tilden reported the discharge temperature transmitter on the wood group pump failed, shutting down the pump. This pump shut down caused a high fifth stage discharge pressure on both acid gas injector (AGI) compressors, resulting in both AGI compressors shutting down. Gas flow was curtailed to reduce the amount of gas being sent to flare. A new discharge temperature transmitter was installed and calibrated and the AGIs were restarted.

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=186573>

## Other News

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### Hydropower Production Set to Expand with New Legislation Signed by President Obama August 12

President Obama signed into law the Hydropower Regulatory Efficiency Act and the Bureau of Reclamation Small Conduit Hydropower Development and Rural Jobs Act which are set to expand hydropower production in the U.S. by improving and streamlining the licensing process for small hydropower. The Bureau of Reclamation Small Conduit Hydropower Development and Rural Jobs Act will improve the permitting process for small and conduit hydropower projects on Bureau of Reclamation facilities. The Hydropower Regulatory Efficiency Act will increase the small hydro exemption to 10 MW; remove conduit projects under 5 MW from Federal Energy Regulatory Commission (FERC) jurisdiction and increase the conduit exemption to 40 MW for all projects; provide FERC the ability to extend preliminary permits; and require FERC to examine a 2-year licensing process for non-powered dams and closed loop pump storage.

<http://www.pnewswire.com/news-releases/president-obama-signs-groundbreaking-legislation-to-expand-us-hydropower-production-219266921.html>

## International News

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### Update: Libya's Two Largest Oil Export Terminals Closed Again August 12

Libya's two largest crude oil export terminals, Es Sider and Ras Lanuf, halted loadings once again due to strikes, trading and shipping sources said on Monday. About fifteen tankers are waiting outside the two ports which have a combined export capacity of 600,000 b/d.

[http://www.rigzone.com/news/oil\\_gas/a/128375/Libyas\\_Two\\_Largest\\_Oil\\_Export\\_Terminals\\_Closed\\_Again](http://www.rigzone.com/news/oil_gas/a/128375/Libyas_Two_Largest_Oil_Export_Terminals_Closed_Again)  
[http://www.tradearabia.com/news/OGN\\_240874.html](http://www.tradearabia.com/news/OGN_240874.html)

### Sudan Extends Deadline to Allow South Sudan Oil Flow to September 6

Sudan has extended the deadline to allow the flow of oil from South Sudan until September 6, following mediation by the African Union to keep crude exports flowing, the Sudanese state news agency said. Sudan accuses South Sudan of supporting anti-Khartoum rebels operating across their border. South Sudan denies the claims. The African Union has stepped up efforts to prevent the production shutdown, starting an investigation of the Sudanese allegations.

Reuters, 9:13 August 12, 2013

## Energy Prices

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U.S. Oil and Gas Prices			
August 12, 2013			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b>			
<b>West Texas Intermediate U.S.</b>	106.26	106.87	92.90
\$/Barrel			
<b>NATURAL GAS</b>			
<b>Henry Hub</b>	3.32	3.39	2.89
\$/Million Btu			

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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