



# ENERGY ASSURANCE DAILY

Friday Evening, September 23, 2016

## Major Developments

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### **Update: Colonial Pipeline Continues Recovery Efforts after Restarting Its 1.37 Million b/d Line 1 September 21**

Colonial Pipeline on Thursday evening said it and members of the Unified Command were continuing to focus on recovery efforts while ensuring the safety and protection of the public, responders, and the environment following the safe restart of its Line 1 pipeline on Wednesday. On September 9, a leak of 6,000–8,000 barrels was discovered on Line 1 in Shelby County, Alabama. Colonial constructed a 500-foot bypass segment of pipeline around the leak site and on Wednesday morning performed a successful hydrostatic test to confirm the structural integrity before restarting the pipeline. Colonial said it was working in cooperation with the U.S. Environmental Protection Agency (EPA), the Alabama Department of Environmental Management (ADEM), and the Cahaba Riverkeeper to continue with assessment and remediation efforts at the release location and retention pond two. Water quality monitoring will also continue in conjunction with EPA, ADEM, and the Cahaba Riverkeeper. Environmental protection efforts have successfully contained the release to the immediate area of the pipeline and retention pond two, Colonial said. Additionally, water quality monitoring results have shown no impact to Peel Creek or the Cahaba River as a result of this release.

<https://helena.colonialresponse.com/>

### **Update: PREPA Reports Power Restoration 75 Percent Complete in Puerto Rico September 23 after Substation Fire Knocked Out Power to Nearly 1.5 Million Customers September 21**

The Puerto Rico Electric Power Authority (PREPA) on Friday morning said it had restored power to about 75 percent of the 1.47 million customers who were affected by the near island-wide blackout on Wednesday afternoon. PREPA said it was trying to determine what caused the fire at the Aguirre power plant in the southern town of Salinas. The fire apparently knocked out two transmission lines that serve the broader grid, which tripped circuit breakers that automatically shut down the flow of power as a preventive measure, officials said. A preliminary investigation suggests that an apparent failure on one transmission line that might have been caused by lightning caused the switch to explode, PREPA's executive director said. Governor Alejandro Garcia Padilla said he anticipated that the majority of Puerto Ricans will likely have power by Saturday.

[https://twitter.com/aeonline?utm\\_source=aepr&utm\\_medium=tweetlogo&utm\\_campaign=AeprTweetLogo](https://twitter.com/aeonline?utm_source=aepr&utm_medium=tweetlogo&utm_campaign=AeprTweetLogo)

Reuters, 9:31 September 23, 2016

## Electricity

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### **TMLP Reports Small Fire Due to Breaker Failure at Its 136 MW Oil-fired Cleary Flood Station in Massachusetts September 23**

At approximately 11:30 a.m. EDT on Friday, Taunton Municipal Lighting Plant's (TMLP's) Cleary Flood Station in Massachusetts experienced a breaker failure with a short circuit resulting in a small electrical fire which created significant smoke. The Taunton Fire Department, in conjunction with TMLP employees, contained the situation by 12:15 p.m. EDT on Friday. TMLP said the incident was strictly an equipment failure and no customers were affected. Two employees were sent to the hospital as a precaution. The plant runs on distillate fuel oil and residual fuel oil.

<http://www.tmlp.com/>

<http://www.tmlp.com/page.php?content=history#&panel1-1>

## **Strong Storms Knock Out Power to 37,000 Rocky Mountain Power Customers in Utah September 22**

Strong storms producing high winds and a possible tornado knocked out power to at least 37,591 Rocky Mountain Power (RMP) customers in northern Utah on Thursday afternoon. RMP said its facilities in Davis and Weber counties suffered heavy damage and downed trees and power lines were reported throughout northern Utah. Crews made significant progress overnight restoring power to customers. As of 3:30 p.m. EDT Friday, 5,900 customers remained without power.

<https://www.rockymountainpower.net/ed/po/uoi.html>

[https://twitter.com/RMP\\_Utah](https://twitter.com/RMP_Utah)

<http://www.standard.net/Local/2016/09/22/Power-outages-reported-for-more-than-17-000-in-Northern-Utah.html>

## **Update: FirstEnergy's 882 MW Davis-Besse Nuclear Unit in Ohio Ramps Up to 89 Percent by September 23**

On the morning of September 22 the unit was operating at 19 percent after restarting on September 21. The unit shut from full power due to a main generator lock-out on September 10.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2016/20160912en.html>

## **Update: APS's 1,247 MW Palo Verde Nuclear Unit 3 in Arizona Restarts, Ramps Up to 12 Percent by September 23**

The unit shut from full power on September 20. The cause for the shutdown was not immediately known.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

## **Solar Partners' 133 MW Ivanpah Solar Unit 2 in California Shut by September 22**

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201609221515.html>

## **Alliant Energy Breaks Ground on Its 700 MW Riverside Natural Gas Energy Center Expansion in Wisconsin September 22**

Alliant Energy on Thursday broke ground on its 700 MW, natural gas-fueled Riverside Energy Center expansion, near Beloit, Wisconsin. The expansion is expected to be completed by early 2020. The Riverside expansion is underway on the western edge of a 315-acre energy campus in Beloit, which also includes the existing 675 MW, natural gas-fueled Riverside Energy Center and the Beloit Operations Center.

<http://www.alliantenergy.com/AboutAlliantEnergy/Newsroom/NewsReleases/214207>

## ***Petroleum***

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### **Update: Sunoco Logistics Restarts Its 200,000 b/d Permian Express II Pipeline in Texas September 23**

Sunoco Logistics said it restarted its Permian Express II pipeline in Texas at 8:00 a.m. EDT on Friday. Sunoco said it was making deliveries into Corsicana, and once system inventories have returned to operational levels, it will begin movements to final destinations. The pipeline, which transports crude from the Permian Basin, shut on September 10 after leaking 800 barrels of oil near Sweetwater, Texas.

Reuters, 16:34 September 23, 2016

### **Phillips 66 Reports Piping Leak at Its 336,000 b/d Wood River, Illinois Refinery September 22**

Phillips 66 reported a piping leak at its Wood River refinery on Thursday, according to a filing with the Illinois Emergency Management Agency. The release remained confined to a secondary containment, Phillips 66 said.

Reuters, 4:06 September 23, 2016

### **Valero Reports Brief ESP Interruption at Its 168,000 b/d McKee, Texas Refinery September 22**

Valero Energy Corp reported an excess opacity event due to a brief interruption in the performance of the Electrostatic Precipitator (ESP) at its McKee refinery on Thursday.

Reuters, 18:52 September 22, 2016

## **Citgo's Shuts FCCU after Leak at Its 157,500 b/d Corpus Christ East, Texas Refinery September 23**

Citgo Petroleum Corp reported a leak on the reactor at the east plant of its Corpus Christi refinery and shut the fluid catalytic cracking unit (FCCU), according to a filing with the Texas Commission on Environmental Quality. During the shutdown process, the unit experienced a series of opacity spikes, Citgo said.

Reuters, 15:03 September 23, 2016

## **BP's 227,000 b/d Cherry Point, Washington Refinery Operations Normal after Brief Process Upset September 23 – Sources**

Operations were normal at BP's Cherry Point refinery after a brief process upset, sources familiar with plant operations said on Friday. The upset was corrected within 20 minutes, the sources said. Energy industry intelligence service Genscape reported a brief flaring event was observed at the refinery on Thursday night.

Reuters, 11:13 September 23, 2016

## **U.S. Drillers Add Oil Rigs to Total 418 September 23 – Baker Hughes**

U.S. drillers added two oil rigs in the week to September 23, bringing the total rig count up to 418, the most since February but still below the 641 rigs seen a year ago, energy services firm Baker Hughes said on Friday. The oil rig count fell from a record high of 1,609 in October 2014 to a low of 316 in May after crude prices collapsed in the biggest price rout in a generation due to a global oil glut. That decline continued through the first half of 2016 when drillers cut 206 rigs. So far this quarter, however, drillers have added or at least not removed any oil rigs for 13 weeks in a row, the longest streak of not cutting rigs since 2011.

Reuters, 13:10 September 23, 2016

## ***Natural Gas***

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### **Dominion Reports Its Deep Valley, West Virginia Compressor Station Out of Service September 23**

Dominion Gathering and Processing (DGP) on Friday reported its Deep Valley Station was out of service for unplanned maintenance. Due to elevated field pressures, all field compressors in bubble 4402 behind Deep Valley were immediately shut-in. DGP said delivery nominations from POD 6 will be kept whole by Dominion.

[http://escript.dom.com/jsp/info\\_post.jsp?&company=dti#](http://escript.dom.com/jsp/info_post.jsp?&company=dti#)

## ***Other News***

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Nothing to report.

## ***International News***

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Nothing to report.

## Energy Prices

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U.S. Oil and Gas Prices			
September 23, 2016			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	44.33	42.99	44.48
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.14	2.95	2.59

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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