



# ENERGY ASSURANCE DAILY

Friday Evening, October 14, 2016

## ***Major Developments***

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### **OE/ISER Situation Report: Hurricane Matthew**

The U.S. Department of Energy, Office of Electricity Delivery & Energy Reliability (OE/ISER) released an emergency situation report Friday afternoon. For details on the impact of this storm on customer outages, energy infrastructure issues, and restoration efforts, see Hurricane Matthew Situation Reports issued by OE/ISER at the following URL: <http://energy.gov/oe/downloads/hurricane-matthew-situation-reports-october-2016>

## ***Electricity***

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### **Strong Storms, High Winds Knock Out Power to 52,000 Customers in Pacific Northwest October 13–14**

Strong storms producing high winds and heavy rain knocked out power to 30,067 Puget Sound Energy (PSE) customers in Washington, and 15,000 Pacific Power customers and 7,000 Portland General Electric (PGE) customers in Oregon. Wind gusts of up to 103 mph were reported. As of 3:30 p.m. Pacific Power has restored power to all customers and 2,358 PGE customers remained without power. High winds are continuing to affect PSE's service territory.

<https://www.pacificpower.net/ed/po/woi.html>

<https://www.portlandgeneral.com/outages/outage-list?linkId=29924680>

<https://www.facebook.com/PortlandGeneralElectric/>

<http://pse.com/accountsandservices/ServiceAlert/Pages/Outage-Map.aspx?WT.ac=Flyout-OutageMap>

<http://komonews.com/news/local/thousands-without-power-in-northwest>

### **PSE&G's 1,049 MW Hope Creek Nuclear Unit 1 in New Jersey Reduced to 84 Percent by October 14**

On the morning of October 13 the unit was operating at 98 percent.

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

### **Update: Dominion's 815 MW Surry Nuclear Unit 2 in Virginia at Full Power by October 14**

On the morning of October 13 the unit had restarted and ramped up to 50 percent. The unit shut from full power on October 9 following a main generator differential lockout turbine trip.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2016/20161011en.html>

### **SCE's 820 MW Big Creek Hydro Unit in California Reduced by October 13**

The unit entered an unplanned curtailment of 625 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201610131515.html>

## ***Petroleum***

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### **Suncor Shuts its 103,000 b/d Commerce City, Colorado Refinery after Fire, Emissions Reported October 14**

Suncor Energy at noon on Friday said it shut its Commerce City refinery after experiencing an operational upset and fire due to a power failure. As a result of the upset, visible emissions could be seen coming from the refinery. Suncor said it was working to safely stabilize the plant following the power failure. Officials have closed Interstate 270 in both directions from Interstate 70 to I-76 due to the fire, the Colorado Department of Transportation reported. There is no estimated time of reopening. People living nearby have been told to shelter in place. No additional information has been provided regarding impacts to refinery production.  
Reuters, 16:01 October 14, 2016

### **Update: PBF Energy Restarts All Units except Hydrotreater at Its 151,300 b/d Torrance, California Refinery October 14 – Source**

PBF Energy restarted all units except the hydrotreater at its Torrance refinery in Los Angeles following a power outage on Tuesday, a source familiar with the matter said on Friday. The hydrotreater may restart Friday evening, the source added. On Tuesday, the refiner reported flaring at the refinery following a 26-minute power interruption to Southern California Edison's (SCE) system, which resulted in over 100,000 customer outages. PBF received a violation notice on Friday from California air regulators for excessive flaring at its Torrance refinery. The South Coast Air Quality Management District said it will file a petition next week that will seek improvements in the refiner's reliability of power supply, electrical infrastructure, monitoring and overall maintenance. Earlier this week, a PBF spokesman said the company had been working with SCE to improve service to the refinery, and expected to accelerate the discussions following Tuesday's outage.  
Reuters, 10:24 October 14, 2016

### **Plains All American Extends Basin Pipeline Work Due to Pressure Issue – Notice**

Plains All Americans will temporarily keep a portion of its Basin pipeline shut due to a pressure issue during a hydrotest, according to a shipper notice seen by Reuters on Thursday. The pipeline had planned hydrotesting from October 3–13, however it told customers in a notice late Thursday that there will be no movement of crude oil from Colorado City, Texas, to the north of the Basin System, which connects into Cushing, Oklahoma. Plains also told customers that deliveries to Cushing and connecting carriers at Wichita Falls, Texas, from the Wichita Falls station will be suspended on Friday. It added that if the work on the pipeline is not completed by October 20, storage on the pipeline, along with storage on the Plains systems and other third party pipelines west of Colorado City could become full.  
Reuters, 17:42 October 13, 2016

### **FCC Restart Fails at Monroe Energy's 190,000 b/d Trainer, Pennsylvania Refinery October 14**

Delta's Monroe Energy on Friday said it failed in its attempt to restart a fluid catalytic cracking unit (FCCU) at its Trainer, Pennsylvania refinery after it was unexpectedly shut 24 hours earlier, according to a source familiar with refinery operations. The company was considering advancing planned work at the refinery on the unit that was originally scheduled to begin on October 24, the source added.  
Reuters, 12:57 October 14, 2016

### **U.S. Oil Drillers Add Oil Rigs to Total 432 October 14 – Baker Hughes**

Reuters, 13:03 October 14, 2016

## ***Natural Gas***

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### **U.S. Natural Gas Drillers Add 11 Gas Rigs to Total 105 October 14 – Baker Hughes**

Reuters, 15:07 October 14, 2016

## ***Other News***

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Nothing to report.

### Update: Kazakhstan's Kashagan Oilfield Ships First Oil for Export – Energy Ministry

The first batches of oil from Kazakhstan's giant offshore Kashagan field were shipped on Friday for export via two pipelines, the Energy Ministry said. Energy companies developing the field have shipped 7,700 tonnes of oil through the private CPC pipeline and 18,800 tonnes through a pipeline operated by state-controlled firm KazTransOil. The ministry said start-up work and testing was continuing at the field and getting it into "stable operations mode will take some time." Kashagan has also shipped 22.8 million cubic metres of gas into the state-run gas pipeline system, it said. The Energy Minister said on Wednesday four wells at Kashagan were producing a total of 90,000 b/d, although it was unclear how much was oil and how much was gas that would then be shipped separately, flared or injected back into the reservoir. The field off Kazakhstan's Caspian coast has cost about \$50 billion to develop and first started production in 2013, but output was suspended shortly afterwards because of technical problems with the gas pipelines. The NCOC consortium developing Kashagan is made up of China National Petroleum Corp, Exxon Mobil, Eni, Royal Dutch Shell, Total, Inpex, and KazMunaiGas. Kashagan was initially expected to produce 75,000 b/d in October, rising to between 150,000 b/d and 180,000 b/d in November and December.

[http://www.rigzone.com/news/oil\\_gas/a/147035/Kazakhstan's\\_Kashagan\\_Ships\\_First\\_Oil\\_For\\_Export](http://www.rigzone.com/news/oil_gas/a/147035/Kazakhstan's_Kashagan_Ships_First_Oil_For_Export)

## Energy Prices

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U.S. Oil and Gas Prices			
October 14, 2016			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b>			
<b>West Texas Intermediate U.S.</b>	50.30	50.39	46.58
\$/Barrel			
<b>NATURAL GAS</b>			
<b>Henry Hub</b>	3.16	2.86	2.42
\$/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

*Energy Assurance Daily* provides a summary of public information concerning current energy issues. Published Monday through Friday to inform stakeholders of developments affecting energy systems, flows, and markets, it provides highlights of energy issues rather than a comprehensive coverage. *Energy Assurance Daily* is updated online Monday through Friday after 5:00 p.m. ET. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:

<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)*