



# ENERGY ASSURANCE DAILY

Tuesday Evening, September 1, 2015

## Electricity

### Update: Over 35,000 Customers Remain Without Power September 1 after Strong Storm, High Winds Hit Washington, British Columbia August 29

A strong storm with winds up to 70 mph knocked out power to 929,000 customers in Washington, and British Columbia on Saturday. As of 3:30 p.m. EDT Tuesday, 35,593 customers remained without power. PSE said to restore the remaining customer outages, repairs from wind damage must be made to more than 500 different locations spread across hundreds of square miles. The utility expects full restoration by midnight on Tuesday. Snohomish PUD said crews from around Washington continue to arrive to support restoration efforts.

Washington, British Columbia Customer Power Outages			
August 29–September 1, 2015			
Electric Utility	State	Peak	Latest Reported
Puget Sound Energy (PSE)	WA	224,000	10,121
Snohomish County PUD	WA	175,000	20,000
BC Hydro	British Columbia	530,000	5,472
<b>TOTAL *</b>		<b>929,000</b>	<b>35,593</b>

\*Total outages represent only electric utilities listed in this table.

Sources:

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

<https://twitter.com/PSETalk>

<http://pse.com/accountsandservices/ServiceAlert/Pages/Updates.aspx>

<http://www.snopud.com/newsroom/StormUpdates.ashx?p=1180>

<https://twitter.com/snopud>

<https://www.bchydro.com/outages/orsTableView.jsp>

<https://twitter.com/bchydro>

<https://www.bchydro.com/news/conservation/2015/windstorm-outages-updates.html>

<http://www.kboi2.com/news/local/1-dead-over-200000-without-power-as-windstorm-slams-Northwest-Seattle-323328651.html>

<http://www.nbcnews.com/news/weather/seattle-area-windstorm-leaves-2-dead-thousands-without-power-n418481>

### Monsoon, High Winds Knock Out Power to 73,000 Customers in Arizona August 31

A monsoon with high winds knocked out power to 51,000 APS and 22,000 Salt River Project (SRP) customers Monday night. Wind gusts of up to 74 mph were reported. APS said outages could extend into this evening or Wednesday morning. As of 3:30 p.m. EDT Tuesday, 31,000 APS and 3,757 SRP customers remain without power.

<https://www.aps.com/en/globalservices/outagecenter/Pages/home.aspx?src=qlrhome>

<https://twitter.com/@apsfyi>

<https://myaccount.srpnet.com/MyAccount/Outages/Public>

<https://twitter.com/SRPconnect>

<http://www.azfamily.com/story/29928115/monsoon-storms-roll-through-phoenix-metro-area>

<http://www.statepress.com/article/2015/08/students-residents-get-caught-in-valley-monsoon>

### TVA's 1,155 MW Browns Ferry Nuclear Unit 1 in Alabama Reduced to 38 Percent by September 1

On the morning of August 31 the unit was operating at 79 percent.

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

## **Update: PG&E's 144 MW Haas Aggregate Hydro Units 1 and 2 in California Return to Service by August 31**

The units returned from an unplanned outage that began on August 21.

<http://content.aiso.com/unitstatus/data/unitstatus201508311515.html>

## **Update: RRI Energy's 215 MW Mandalay Gas-fired Unit 1 in California Returns to Service by August 31**

The unit returned from an unplanned outage that began on August 28.

<http://content.aiso.com/unitstatus/data/unitstatus201508311515.html>

## **SCE's 820 MW Big Creek Hydro Unit in California Reduced by August 31**

The unit entered an unplanned curtailment of 163 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201508311515.html>

## **SMUD's 102 MW Solano Wind Unit in California Shut by August 31**

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201508311515.html>

## **Exelon Announces All Its Illinois Nuclear Plants Clear First of Two PJM Transition Capacity Auctions September 1**

Exelon Corporation today announced that all its Illinois nuclear plants in PJM cleared in the transition capacity auction for the 2016–17 planning year. This is the first of two transitional auctions that PJM is holding to supplement its prior base capacity auctions for the 2016–17 and 2017–18 planning years with the new capacity performance product, which is designed to strengthen electric grid reliability. The new capacity auction rules were ordered by the Federal Energy Regulatory Commission (FERC) to ensure reliability given the changing nature of the generation fleet as more intermittent renewable and gas-fired generation comes online. The reforms will result in generators investing in their power plants to ensure reliability during extreme weather events and to have sufficient fuel on hand, which will benefit customers. Capacity auctions are held annually by grid operator PJM to ensure enough power generation resources are available to meet demand in its region covering all or part of 13 states and the District of Columbia.

[http://www.exeloncorp.com/Newsroom/pr\\_20150831\\_EXC\\_transitionauctions.aspx](http://www.exeloncorp.com/Newsroom/pr_20150831_EXC_transitionauctions.aspx)

## ***Petroleum***

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### **Enterprise Temporarily Shuts Its 400,000 b/d Seaway Crude Oil Pipeline after Lightning Sparks Fire at Its Jones Creek Terminal near Freeport, Texas**

Enterprise Product Partners said its 400,000 b/d Seaway crude pipeline between Cushing, Oklahoma and Jones Creek, Texas was shut following a seal fire at the Jones Creek terminal due to a lightning strike on Tuesday morning. The fire was extinguished by 1:52 p.m. EDT and there were no injuries or offsite impacts, the company said, adding that it was bringing the pipelines back into service. Enterprise also operates the 450,100 b/d Seaway Twin pipeline from Cushing to Jones Creek, but it was unclear whether the line was impacted by the fire. As of 3:30 p.m. EDT, the company said that both pipelines had been restarted.

Reuters, 15:54 September 1, 2015

Reuters, 15:36 September 1, 2015

### **Coast Guard Responding to Sunken Barge near Convent, Louisiana August 31**

The U.S. Coast Guard on Monday said it was responding to a sunken barge near Convent, Louisiana, on the Mississippi River. The barge, which likely contains a maximum potential of 8,000 gallons of diesel fuel, broke free of its mooring and sank near mile marker 160 early Monday, the Coast Guard said. No injuries were reported and the cause of the incident was being investigated, the agency said, adding it was working to determine the amount of fuel in the tank at the time of the incident.

<http://www.uscgnews.com/go/doc/4007/2591194/>

Reuters, 19:29 August 31, 2015

### **Update: Phillips 66 to Restart FCCU at Its 238,000 b/d Linden, New Jersey Refinery September 1**

Phillips 66 reported it was going to restart the fluidized catalytic cracker unit (FCCU) at its Linden, New Jersey refinery, according to a filing with the National Response Center.  
Reuters, 10:12 September 1, 2015

### **PBF Reports Emissions from Catalytic Cracker at Its 182,200 b/d Delaware City, Delaware Refinery August 28**

Reuters, 10:05 September 1, 2015

### **PES Restarting FCCU at Its 335,000 b/d Philadelphia, Pennsylvania Refinery August 30 – Source**

Philadelphia Energy Solutions (PES) began restarting a 90,000 b/d fluid catalytic cracker unit (FCCU) on Sunday at its Philadelphia, Pennsylvania refinery, a day after it was shut down unexpectedly, according to a source familiar with the plant's operations.

Reuters, 22:03 August 30, 2015

### **Update: FCCU Running at Reduced Rates at Phillips 66's 306,000 b/d Wood River, Illinois Refinery August 31 – Source**

Phillips 66 is running both FCCUs at reduced rates at its refinery in Wood River, Illinois following the August 25 cooling tower upset, according to a source familiar with the plant's operations. The two FCCUs have a capacity of 42,000 b/d and 48,000 b/d. The units will continue to run at reduced rates until the company finds a temporary replacement for the water tower, the source said.

Reuters, 9:36 August 31, 2015

### **Update: Valero Plans to Restart HCU at Its 335,000 b/d Port Arthur, Texas Refinery September 1 – Sources**

Valero Energy Corp plans to restart the smaller of two hydrocracking units (HCU) at its Port Arthur, Texas refinery by Tuesday, sources familiar with plant operations said on Monday. The 45,000 b/d hydrocracker was shut on Sunday after the refinery lost steam supplied by a third-party provider, the sources said. The larger 57,000 b/d hydrocracker at the refinery was shut on August 7 for a planned seven-week overhaul.

Reuters, 13:41 August 31, 2015

### **Flint Hills Reports All Clear at Its 290,000 b/d Corpus Christi, Texas Refinery after Flaring August 31**

Reuters, 19:52 August 31, 2015

### **Reformer at Petrobras' 100,000 b/d Pasadena, Texas Refinery Requires Extensive Repairs after Malfunction August 31 – Source**

A catalytic reformer at Petrobras' Pasadena, Texas refinery will require extensive repair after malfunctioning instrumentation led to damage throughout the unit, a source familiar with plant operations said on Monday. An alkylation unit at the refinery continued with normal operations on Monday, the source said.

Reuters, 13:22 August 31, 2015

### **Chevron Preparing to Restart Its 57,000 b/d Burnaby, Vancouver Refinery August 31 after Power Blip August 29**

Chevron Corp on Monday said it was preparing to restart its Burnaby refinery near Vancouver in the days ahead following a shutdown due to an external power outage caused by a windstorm on Saturday. The company said it does not anticipate product shortages in the local market due to the outage.

Reuters, 18:05 August 31, 2015

### **Shell Says Units Returned to Normal after Power Blip at Its 145,000 b/d Puget Sound, Washington Refinery August 29**

Royal Dutch Shell said its Puget Sound, Washington refinery experienced some power issues on Saturday as a result of severe weather in northwest Washington. The company said the power issues affected some of the units at the refinery, which have since been safely returned to normal operations.

Reuters, 13:40 August 31, 2015

## **Tesoro Reports Emissions from FCCU at Its 166,000 b/d Martinez, California Refinery August 28**

Reuters, 10:38 September 1, 2015

## **Phillips 66 Reports Flaring at Its 139,000 b/d Wilmington, California Refinery August 30**

Reuters, 22:20 August 30, 2015

## **Update: Phillips 66 Says Contract Talks Ongoing with USW Workers at Its 247,000 b/d Alliance, Louisiana Refinery August 31**

Phillips 66 said on Monday that talks were continuing with the United Steelworkers (USW) for a contract covering the union's workers at the company's refinery in Alliance, Louisiana. A Phillips 66 spokeswoman said an agreement was signed with the union to extend the existing contract at the Alliance refinery through September 11. Workers at the refinery rejected a contract offer from Phillips 66 on Thursday. The USW reached a national four-year agreement in mid-March with U.S. refinery owners after launching the largest strike by refinery and chemical plant workers in 35 years. The national agreement, which sets wages, agreement length and other terms will be paired with an agreement on local issues to craft the contract for workers at the Alliance refinery.

Reuters, 16:47 August 31, 2015

## **XTO Energy Well Suffers Blowout, Leaks 550 Barrels of Crude Oil in North Dakota August 29**

A North Dakota oil well owned by ExxonMobil subsidiary XTO Energy blew out on Saturday, leaking more than 550 barrels of crude oil, some of which left the wellpad and seeped into surrounding grasses. The Deep Creek Federal 43X-5D well, located in a rural area 25 miles southeast of Watford City, was being hydraulic fractured when its pressure control valves failed, leaking oil and about 110 barrels of saltwater, according to state and company officials. Emergency response teams notified officials and responded to the incident. The well was brought under control on Sunday morning without any injuries and XTO said it had begun cleanup at the site. An XTO spokeswoman added on Monday that the company was working to understand the cause of the blowout.

Reuters, 16:24 August 31, 2015

## **West Virginia Oil Gathering Pipeline Ruptures, Spills 1,200 Barrels of Oil in West Virginia August 27**

Approximately 1,200 barrels of oil leaked from a ruptured oil gathering line owned by West Virginia Oil Gathering August 27, spilling an undetermined amount of oil into a Ritchie County creek. The pipeline was shut and the creek was dammed as part of a cleanup effort, which may take several weeks to complete.

<http://www.sfgate.com/news/science/article/Ruptured-line-cause-of-oil-spillin-Ritchie-6474584.php>

## ***Natural Gas***

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### **Dominion Reduces Operating Pressure Due to Anomaly on Its PL-1 Pipeline in Pennsylvania August 31**

As a result of Dominion Transmission's pipeline inspection program, an anomaly was identified on its PL-1 pipeline in a location south of its Chambersburg, Pennsylvania station. Dominion was required to reduce operating pressures until further notice which may impact interruptible and secondary firm deliveries on the PL-1 system.

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

## ***Other News***

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Nothing to report.

### **Tanker Lifting One Million Barrels of Crude Oil at Libya's Hariga Port – Official**

A tanker was in the process of lifting one million barrels of crude oil at the eastern Libyan port of Hariga, an oil official said on Tuesday. Hariga is working normally despite an oil spill outside the port, the official said. Reuters, 7:18 September 1, 2015

### **Russia's Deputy Prime Minister Says Oil Output Could Decline If Prices Stay Low**

Russia will not deliberately cut oil production to prop up prices however its output may decline if prices remain low, local news agencies quoted Deputy Prime Minister Arkady Dvorkovich as saying on Tuesday. Oil prices almost halved from last year mainly due to oversupply. Russian President Vladimir Putin and his Venezuelan counterpart Nicolas Maduro will discuss "possible mutual steps" to stabilize global oil prices when both visit China this week. Dvorkovich reiterated that it would be technically difficult to restore oil production in Russia if output is cut artificially. Russia has been pumping oil at a more than 10.7 million b/d and expects to maintain high levels of output next year.

[http://www.rigzone.com/news/oil\\_gas/a/140390/Russia\\_Says\\_Oil\\_Output\\_Could\\_Decline\\_if\\_Prices\\_Stay\\_Low#sth.ash.bZszboiw.dpuf](http://www.rigzone.com/news/oil_gas/a/140390/Russia_Says_Oil_Output_Could_Decline_if_Prices_Stay_Low#sth.ash.bZszboiw.dpuf)

## Energy Prices

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U.S. Oil and Gas Prices September 1, 2015			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	45.33	39.43	94.51
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	2.68	2.63	4.02

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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