



# ENERGY ASSURANCE DAILY

Monday Evening, October 27, 2014

## Electricity

### Wind Storm Knocks Out Power to 352,000 Customers in Oregon and Washington October 25; Restoration Continues to 8,100 Customers October 27

A strong wind storm impacted western Washington and Oregon Saturday evening, knocking out power to 314,000 customers. Wind gust of up to 60 mph were reported, downing trees and power lines. Portland General Electric (PGE) reported that 325 of its power lines were downed. Puget Sound Energy (PSE) reported that 12 of its substations were knocked offline at the storm's peak. As of 3:30 p.m. EDT today, 8,102 customers remained without power in all affected service areas. PGE and PSE reported that their remaining outages were small, requiring site-by-site crew response to repair damage. PSE expects to restore 100 percent of customers by late Monday night.

Oregon and Washington Customer Power Outages			
October 25–27			
Electric Utility	State	Total Affected	Latest Reported
Portland General Electric (PGE)	OR	138,000	2,697
Puget Sound Energy (PSE)	WA	148,000	4,570
Seattle City Light	WA	52,000	475
Snohomish PUD	WA	12,000	300
Peninsula Light Co.	WA	2,000	60
<b>TOTAL*</b>		<b>352,000</b>	<b>8,102</b>

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

Sources:

[http://www.portlandgeneral.com/safety\\_outages/outages/outage\\_updates/outage\\_list.aspx](http://www.portlandgeneral.com/safety_outages/outages/outage_updates/outage_list.aspx)

<https://twitter.com/portlandgeneral>

[https://pse.com/accountsandservices/ServiceAlert/Pages/Outage-](https://pse.com/accountsandservices/ServiceAlert/Pages/Outage-Map.aspx?utm_source=public&utm_medium=outage-flyout&utm_campaign=outagemap)

[Map.aspx?utm\\_source=public&utm\\_medium=outage-flyout&utm\\_campaign=outagemap](https://pse.com/accountsandservices/ServiceAlert/Pages/Outage-Map.aspx?utm_source=public&utm_medium=outage-flyout&utm_campaign=outagemap)

<https://twitter.com/PSETalk>

<https://twitter.com/SEACityLight>

<http://www.seattle.gov/light/sysstat/>

<https://twitter.com/snopud>

<https://twitter.com/PenLightCo>

<http://www.kboi2.com/news/local/Strong-winds-knock-out-power-to-over-150000-in-Washington-regional-news-280464382.html>

### Fire Reported at Cross Sound Cable's Halvarsson Converter Station in New Haven, Connecticut October 25

A large fire was reported at a New Haven, Connecticut switchyard on Saturday evening. According to police, the fire started from a transformer in Cross Sound Cable's Halvarsson Converter Station at about 5 p.m. The transformer contained 16,000 gallons of mineral fuel. Crews had foam on scene to control the fire if necessary but the New Haven Fire Department made a determination to let the fire burn itself out.

<http://www.wfsb.com/story/27015324/large-fire-reported-at-new-haven-fuel-terminal>

### FirstEnergy's 1,235 MW Perry Nuclear Unit 1 in Ohio Restarts by October 26, Ramps Up to 54 Percent by October 27

By the morning of October 26 the unit had restarted and had ramped up to 6 percent. The unit automatically shut October 20 on loss of feedwater.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2014/20141020en.html>

## **Update: Entergy's 966 MW River Bend Nuclear Unit 1 in Louisiana Restarts by October 25, Ramps Up to Full Power by October 27**

By the morning of October 25 the unit had restarted and had ramped up to 15 percent. The unit was shut from full power by October 17.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

## **Update: Calpine's 593 MW Metcalf Energy Center Gas-fired Unit in California Returns to Service by October 25**

The unit returned from an unplanned curtailment of 113 MW that began by October 24.

<http://content.caiso.com/unitstatus/data/unitstatus201410251515.html>

## **ARCO's 417 MW Watson Natural Gas-Fired Unit in California Reduced by October 25**

The unit entered an unplanned curtailment of 150 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201410251515.html>

## ***Petroleum***

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### **Minnesota Waives Motor Carrier Hours-of-Service Regulations to Increase Propane Supplies October 24**

Minnesota Governor Mark Dayton on Friday signed Emergency Executive Order 14-17, delivering emergency relief from regulations incorporated in Minnesota Statutes, section 221.0314, subdivision 9, pertaining to hours of service for motor carriers and drivers providing direct assistance in emergency relief efforts. The Emergency Executive Order will help increase propane supplies across Minnesota, improving access for farmers during the autumn harvest and enhancing the state's preparedness for the winter heating season. The order does not relieve motor carriers and drivers from daily driving requirements.

[http://mn.gov/governor/images/EO\\_14-17-2014.pdf](http://mn.gov/governor/images/EO_14-17-2014.pdf)

<http://mn.gov/governor/newsroom/pressreleasedetail.jsp?id=102-145591>

### **Statoil Oil Well Spills 830 Barrels of Saltwater in North Dakota October 22**

The North Dakota Oil and Gas Division announced October 23 that a Statoil-owned well in Mountrail County spilled 830 barrels of saltwater October 22 due to a failed valve that caused an overflow. Regulators reported that the spill was contained on the well location and that the fluid was recovered.

<http://www.newstimes.com/news/science/article/ND-oil-well-spills-830-barrels-of-saltwater-5842630.php>

## ***Natural Gas***

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### **Constitution Pipeline Receives FERC's Final Environmental Review of Proposed 124-Mile Pipeline from Pennsylvania to New York**

Constitution Pipeline Company, LLC reported a key regulatory milestone toward approval to construct its proposed pipeline on a schedule that targets increasing natural gas supply to New York and New England markets in time for the winter 2015–16 heating season. The Federal Energy Regulatory Commission (FERC) on October 24 published its final environmental review of the proposed 124-mile Constitution Pipeline. The FERC action is a key step toward the commission's decision on the project, which is expected as early as late November. Constitution Pipeline would begin construction as early as the first-quarter of 2015. The Constitution Pipeline is designed to connect New England markets with abundant, low-cost, cleaner energy via an interconnect with the existing Tennessee Pipeline. Additionally, the Constitution Pipeline is designed to enhance New York's natural gas supply options via an interconnect with the existing Iroquois Pipeline. Earlier this year, Constitution Pipeline and Leatherstocking Gas Company, LLC announced plans to install four delivery taps along Constitution's proposed route to facilitate local natural gas service to homes and businesses in southern New York and northern Pennsylvania. The Constitution Pipeline is designed to transport enough natural gas each day to serve approximately 3 million homes in the U.S. Northeast. The project involves the construction and operation of 124 miles of 30-inch diameter pipeline from natural gas supply areas in northeast Pennsylvania and connecting with existing transmission pipelines in Schoharie County, New York.

<https://constitutionpipeline.files.wordpress.com/2014/10/news-release-feis.pdf>

## **Regency Reports AGI Compressor Shut at Its 290 MMcf/d Waha Gas Plant in Texas October 26**

Regency reported the tubing line broke causing the acid gas injector (AGI) compressor to shut. The broken tubing was repaired and the compressor was reset and restarted.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=205640>

## **DCP Midstream Reports Compressor Shut, Flaring at Its 160 MMcf/d Goldsmith Gas Plant in Texas October 25**

DCP Midstream reported the Wight booster compressor in the field went down causing a flare event due to too much low pressure gas. The field operator was able to put the compressor back online causing line pressure to decrease and ending the flaring event.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=205639>

## **DCP Midstream Reports SRU Shut at Its 70 MMcf/d Fullerton Gas Plant in Texas October 24**

DCP Midstream reported the sulfur recovery unit (SRU) was taken down to repair a faulty power line. The faulty wire was replaced and the SRU was put back online.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=205628>

## ***Other News***

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Nothing to report.

## ***International News***

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### **Update: Yemen Restarts 110,000 b/d Maarib Crude Oil Pipeline after Repairs**

Yemen resumed exports from its main oil pipeline on Saturday, one day after an attack by tribesmen temporarily halted flows, industry sources said. On Friday tribesmen blew up the pipeline which transports crude from Maarib oil fields in central Yemen to Ras Isa on the Red Sea. Yemen has said that oil flows through the Maarib pipeline, one of its main petroleum export routes, at a rate of around 70,000 b/d. Before the wave of attacks began three years ago, the 270-mile pipeline carried around 110,000 b/d to Ras Isa.

<http://english.alarabiya.net/en/business/energy/2014/10/26/Yemen-restarts-main-oil-export-pipeline-after-repairs.html>

### **Pirate Attacks, Abductions Increase in Nigeria's Oil Delta**

Pirates have launched a wave of attacks in the creeks of Nigeria's oil-producing Niger Delta region since last Thursday, killing three policemen and abducting at least nine people, security officials said. Most of those kidnapped were local workers in Africa's biggest oil industry, where piracy in the surrounding waterways and seas is on the rise again after a brief lull. In the most recent attack, gunmen on a boat opened fire on police escorting a barge operated by Italian oil company ENI along the Santa Barbara River, killing three police officers. Earlier on Friday, unknown gunmen attacked a boat and abducted six personnel from a local oil services company in the Nembe local government area. On Thursday, around seven pirates on a speedboat boarded a supply vessel, kidnapping the ship's master and its chief engineer. Piracy and kidnapping are expected to increase further as Nigeria prepares for an election next February, intelligence experts say.

<http://www.reuters.com/article/2014/10/27/nigeria-piracy-idUSL5N0SM2BN20141027>

## Energy Prices

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U.S. Oil and Gas Prices			
October 27, 2014			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	82.05	81.88	97.53
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.60	3.72	3.68

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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