



ENERGY ASSURANCE DAILY

Thursday Evening, December 10, 2015

Electricity

Update: Restoration Nearly Complete to 71,000 PSE Customers in Oregon after High Winds Hit December 8–9, Windstorm Knocks Out Power to Additional 20,000 PSE Customers December 9–10

Restoration was nearly complete on Thursday to the 71,000 Puget Sound Energy (PSE) customers who had their power knocked out Tuesday evening into Wednesday morning when storms producing heavy rain and high winds hit Washington. By midnight PST on Wednesday, all but 5,000 customers had power restored; however, around 2:30 a.m. PST Thursday, a strong wind storm knocked out power to an additional 20,000 customers. PSE said the damage was extensive and would take most of today to fix. As of 3:30 p.m. EST Thursday, 10,977 customers remained without power.

<https://pse.com/accountsandservices/ServiceAlert/Pages/Outage-Map.aspx>

<https://twitter.com/PSETalk>

Update: Entergy's 951 MW Indian Point Nuclear Unit 2 in New York Ramps Up to 65 Percent by December 10

On the morning of December 9 the unit was operating at 46 percent after restarting on December 8. The plant was shut on December 5 when several control rods experienced an unplanned power loss.

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

Exelon's 1,131 MW Byron Nuclear Unit 2 in Illinois Reduced to 84 Percent by December 10

On the morning of December 9 the unit was operating at full power.

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

Update: Exelon's 850 MW Dresden Nuclear Unit 3 in Illinois at Full Power by December 10

On the morning of December 9 the unit was operating at 79 percent after restarting on December 7. The unit had been previously shut from full power on November 30.

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

Exelon's 855 MW Quad Cities Nuclear Unit 1 in Illinois Reduced to 86 Percent by December 10

On the morning of December 9 the unit was operating at full power.

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

Exelon's 855 MW Quad Cities Nuclear Unit 2 in Illinois Reduced to 87 Percent by December 10

On the morning of December 9 the unit was operating at full power.

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

PG&E's 563 MW Gateway Gas-fired Unit in California Shut by December 9

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201512091515.html>

Update: Entergy's 966 MW River Bend Nuclear Unit 1 in Louisiana Ramps Up to 95 Percent by December 10

On the morning of December 9 the unit was operating at 81 percent after restarting on December 3. The unit shut from full power on November 27 following the loss of a switchyard electrical breaker.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2015/20151130en.html>

Constellation, Archdiocese of Baltimore Announce Construction of 5.4 MW Solar Project in Maryland

Constellation, a subsidiary of Exelon Corporation, and the Archdiocese of Baltimore today announced the construction of a 5.4 MW aggregate solar generation project. The solar power system, located at Perryman Station in Harford County, Maryland, is expected to generate enough electricity to meet approximately 20 percent of the Archdiocese's electricity needs. Constellation will own and operate the solar power system, and supply Archdiocese with solar-generated electricity under a 20-year power purchase agreement.

<http://www.businesswire.com/news/home/20151210005122/en/>

Petroleum

Update: Tesoro Reports Ongoing Upset at Its 120,000 b/d Anacortes, Washington Refinery December 10 after Power Blip December 8

Tesoro Corp said its Anacortes, Washington refinery was still experiencing an operational upset resulting from a power outage on December 8. Washington State was hit by heavy storms and strong winds on Tuesday resulting in nearly 81,000 customer power outages.

Reuters, 14:43 December 10, 2015

ExxonMobil Reports Process Upset at Its 238,600 b/d Joliet, Illinois Refinery December 10

ExxonMobil Corp reported a process upset at its Joliet, Illinois refinery, according to a filing with the Illinois Emergency Management Agency.

Reuters, 4:09 December 10, 2015

HollyFrontier Reports Hydrogen Sulfide Emissions at Its 85,000 b/d Tulsa West, 70,300 b/d Tulsa East, Oklahoma Refineries December 3, 7

HollyFrontier Corp reported excess hydrogen sulfide emissions on December 7 and excess carbon monoxide emissions on December 3 at its Tulsa East, Oklahoma refinery. The company also reported excess hydrogen sulfide emissions at its Tulsa West, Oklahoma refinery on December 3.

Reuters, 17:20 December 9, 2015

Update: Total Reports Operations Return to Normal at Its 225,500 b/d Port Arthur, Texas Refinery December 9

Total SA confirmed on Wednesday that operations had returned to normal after an amine unit malfunctioned on Tuesday at its Port Arthur, Texas refinery.

Reuters, 16L00 December 9, 2015

Chevron Reports Flaring, Loss of Compressor at Its 245,271 b/d Richmond, California Refinery December 7

Chevron Corp reported flaring due to the loss of a compressor at its Richmond, California refinery on December 7, according to a filing with Contra Costa Health Services.

Reuters, 16:29 December 9, 2015

Tesoro Reports Flaring, Hydrocarbon Release at Its 166,000 b/d Martinez, California Refinery December 7, 8

Tesoro Corp reported flaring on December 7 and a small release of light hydrocarbon on December 8 at its Martinez, California refinery, according to a filing with Contra Costa Health Services.

Reuters, 16:33 December 9, 2015

Phillips 66 Announces Startup of 100,000 b/d NGL Fractionator One at Its Sweeny Complex in Texas December 8

Phillips 66 began operations at its new 100,000 b/d natural gas liquids (NGL) fractionator located at the company's Sweeny Complex in Old Ocean, Texas. Sweeny Fractionator One supplies purity ethane and liquefied petroleum gases (LPG) to the petrochemical industry and heating markets. It is supported by 250 miles of new pipelines and a multimillion barrel storage cavern complex. LPG production is delivered via pipeline to local petrochemical customers as well as to the market hub at Mont Belvieu, Texas. Phillips 66 will have the capability to place LPG into global markets upon completion of its 150,000 b/d Freeport LPG Export Terminal in the second half of 2016. <http://investor.phillips66.com/investors/news/news-release-details/2015/Phillips-66-Announces-Startup-of-Sweeny-Fractionator-One/default.aspx>

Other News

Nothing to report.

International News

Venezuela's Oil Tanker Backlog Eases, PDVSA Pays Suppliers

A backlog of tankers around Venezuela has eased in recent days after state-run firm PDVSA paid pending invoices to oil suppliers and ship owners, according to trading sources. About a dozen tankers carrying refined products were still waiting to discharge around PDVSA's ports in Jose, Puerto la Cruz, El Palito, Paraguana, and Curacao as of Wednesday, but another six could finally deliver after weeks of delay. The backlog started in November when tankers carrying refined products—most of them imported by PDVSA from the U.S. Gulf Coast in the middle of refining problems—arrived along with purchases of African crudes for blending. http://www.downstreamtoday.com/news/article.aspx?a_id=50262

Energy Prices

U.S. Oil and Gas Prices December 10, 2015			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	36.71	41.08	60.94
NATURAL GAS Henry Hub \$/Million Btu	2.00	2.11	3.61

Source: Reuters

Links

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

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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