



ENERGY ASSURANCE DAILY

Monday Evening, December 07, 2015

Electricity

Storm, Strong Winds Knock Out Power to Over 60,000 Customers in Washington, British Columbia December 6

A storm packing heavy rain and high winds knocked out power to 60,300 customers in Washington and British Columbia Sunday night. Wind gusts of up to 68 mph were reported. BC Hydro, the hardest hit utility with 42,000 customer outages, said it made significant progress overnight. As of 3:30 p.m. EST Monday, 3,535 customers remained without power.

Washington, British Columbia Customer Power Outages December 6–7, 2015			
Electric Utility	State	Peak	Latest Reported
Puget Sound Energy	WA	17,000	2,576
Peninsula Light	WA	1,300	0
BC Hydro	BC	42,000	959
TOTAL *		60,300	3,535

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

Sources:

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

<https://twitter.com/PenLightCo>

<https://twitter.com/bchydro>

<https://www.bchydro.com/power-outages/app/outage-map.html#locate>

<http://www.cbc.ca/news/canada/british-columbia/bc-hydro-scrambles-again-to-restore-power-to-more-than-40-000-living-along-coast-1.3353484>

<http://www.vancitybuzz.com/2015/12/42000-customers-without-power-in-metro-vancouver-and-fraser-valley/>

<http://www.komonews.com/news/local/Over-18000-in-the-dark-as-windstorm-slams-parts-of-region-360751401.html>

O&R Reports Power Restored to 52,000 Customers Knocked Out by Substation Equipment Failure in New York, Pennsylvania December 6

Orange & Rockland (O&R) reported it restored power overnight Saturday into Sunday to all 52,476 customers who lost their service Saturday evening as a result of an equipment failure in an O&R electric substation in Middletown, New York. The equipment malfunction shut down electric service in large portions of O&R's service area in Orange and Sullivan counties in New York and Pike County in Pennsylvania. O&R crews responding to the Shoemaker substation in Middletown found that an overhead line failed, which resulted in adjacent equipment automatically shutting down as well. That event took 13 electric substations offline throughout the area. The root cause of the overhead line failure was under investigation, but a preliminary inspection of the adjacent equipment did not reveal any damage.

<http://www.oru.com/aboutoru/news/2015120601.html>

<https://twitter.com/ORUConnect>

Unitil Reports Over 13,000 Customers Lost Power Due to Downed Power Line in New Hampshire December 5

Unitil Corporation reported 13,300 customers lost power Saturday morning for less than two hours. The company said the outages were caused by a bird knocking down a power line.

<https://twitter.com/Unitil>

<http://www.wcvb.com/news/thousands-lose-power-across-new-hampshire/36811946>

Update: Constellation's 835 MW Calvert Cliffs Nuclear Unit 2 in Maryland Restarts, Ramps Up to 98 Percent by December 7

The unit shut from full power on December 1 after a steam generator feed pump trip.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2015/20151202en.html>

Update: Exelon's 850 MW Dresden Nuclear Unit 3 in Illinois Restarts, Ramps Up to 36 Percent by December 7

The unit shut from full power on November 30.

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

Update: Entergy's 966 MW River Bend Nuclear Unit 1 in Louisiana Ramps Up to 85 Percent by December 7

On the morning of December 6 the unit was operating at 64 percent after restating 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>

Entergy's 951 MW Indian Point Nuclear Unit 2 in New York Shut on December 5

The unit shut from full power after several control rods lost power. The cause of the loss of power to the control rods was being investigated. A representative for the company said that the timeline for the reactor coming back online was uncertain, but it was likely to be back up in the next day or two.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2015/20151207en.html>

Constellation's 1,120 MW Nine Mile Point Nuclear Unit 2 in New York Reduced to 84 Percent by December 5

On the morning of December 4 the unit was operating at full power.

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

PG&E's 407 MW Helms Hydro Unit 1 in California Shut by December 6

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201512061515.html>

NextEra Energy's 250 MW Genesis Station Solar Unit in California Returns to Service by December 5

The unit returned from an unplanned outage that began on December 4.

<http://content.aiso.com/unitstatus/data/unitstatus201512051515.html>

Dynegy's 510 MW Moss Landing Gas-fired Unit 2 in California Reduced by December 4

The unit entered an unplanned curtailment of 260 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201512041515.html>

Aksamit Resource Management Plans to Build 3 Wind Farms Totaling 449 MW in Nebraska

Aksamit Resource Management announced that it plans to create three wind farms in Saline, Thayer, and Fillmore counties, Nebraska. The projects include a 300 MW site that will have 150 turbines spread out over 30,000 acres in Saline and Fillmore counties and a 76 MW project that will have 40 turbines on 8,000 acres in Thayer County. Those two projects are scheduled to be operational in 2019. The larger project wind farm will be built south and east of Milligan. The wind farm in Thayer County will be northeast of Hebron. A 73 MW farm with 40 turbines is planned for Saline County, 10 miles northeast of Milligan. It is expected to be operational within the next two years.

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

Reuters, 2:31 December 4, 2015

Coast Guard Responds to Pollution from Sunken Vessel near Grays Harbor, Washington December 6

Coast Guard, National Response Center, and Washington State Department of Ecology personnel on Sunday responded to oil pollution from a sunken 67-foot commercial vessel at Westhaven Marina near Grays Harbor, Washington. Responders from the Coast Guard Incident Management Division in Astoria were due to arrive on scene Monday morning and will be working with partner agencies to monitor the situation and oversee the cleanup. After receiving a report of a possible sinking vessel at Westhaven Marina at approximately 12:40 p.m. PST, Coast Guard Sector Columbia River watchstanders launched a 47-foot Motor Lifeboat crew from Coast Guard Station Grays Harbor to assess the situation. The commercial fishing vessel Persistence was found submerged at the pier, and a rainbow sheen was observed on the water. Containment boom was placed around the vessel to prevent the fuel from spreading. The owner reported there was potentially 250 gallons of diesel and 15 gallons of oil onboard the vessel. There have been no reports of affected wildlife.

<http://www.uscgnews.com/go/doc/4007/2747470/>

ExxonMobil Reports Leak at Its 238,600 b/d Joliet, Illinois Refinery December 4

ExxonMobil Corp reported a leak at its Joliet, Illinois, refinery on Friday, according to a filing with the Illinois Emergency Management Agency. The company reported hydrogen sulfide and sulfur dioxide emissions at the refinery, according to the filing. A potential hydrogen sulfide release was detected on Friday, while equipment testing showed no leak, the company said, adding that there was no impact to people or the environment. Reuters, 5:04 December 7, 2015

Shell Reports Unit Upset at Its 316,600 b/d Deer Park, Texas Refinery December 7

Royal Dutch Shell Plc reports an unspecified unit at its Deer Park, Texas refinery experienced upset conditions which caused some flaring, according to a message on a community alerting system. Reuters, 12:54 December 7, 2015

LyondellBasell Reports Flaring at Its 263,776 b/d Houston, Texas Refinery December 5 – Community Alert

LyondellBasell Industries on Saturday reported emissions at its Houston, Texas refinery, according to a message on a community alerting system. Reuters, 3:30 December 7, 2015

Total Reports FCCU Returns to Normal Operations at Its 225,500 b/d Port Arthur, Texas Refinery December 6 – Sources

Total's 76,000 b/d fluidic catalytic cracking unit (FCCU) at its Port Arthur, Texas, refinery returned to normal operations on Sunday following a brief power interruption, sources familiar with plant operations said on Monday. A power spike on Saturday had temporarily knocked out the FCCU's wet gas compressor and main air blower, as well as unit control systems, the sources said. After stabilizing the FCCU, the unit was returned to normal operations on Sunday morning, according to the sources. The company also reported flaring on Sunday.

Reuters, 9:38 December 6, 2015

Reuters, 10:12 December 7, 2015

Valero Warns of Flaring at Its 100,000 b/d Houston, Texas Refinery December 4

Valero Energy Corp reported activities at its refinery could require use of flare located at northwest portion of the plant, according a community information phone line.

Reuters, 7:10 December 4, 2015

Fire Extinguished at Calumet's 14,500 b/d San Antonio, Texas Refinery December 5 – Local Media

A fire broke out after hot oil was spilled at the Calumet Specialty Products Partners refinery in San Antonio, Texas, on Saturday evening, local media reported on Sunday. The refinery had reported shutting down Heater F-11 after the hot oil leak in the furnace on Saturday, according to a filing with state pollution regulators. The fire was extinguished quickly and no injuries were reported, the website added. The refinery produces ultra-low sulfur diesel, jet fuel, specialty solvents, reformates, naphtha, and vacuum gas oil, according to the company's website.

Reuters, 11:36 December 6, 2015

Shell Reports Restarting Unit at Its Scotford, Alberta Facility December 5

Royal Dutch Shell reported restarting an unspecified unit at its Scotford, Alberta facility on Saturday, according to a message with a community information system. The Scotford facility houses a 100,000 b/d refinery and a 255,000 b/d oil sands upgrader.

Reuters, 8:07 December 6, 2015

U.S. Rig Count Declines by 7 to 737 for Week Ending December 4 – Baker Hughes

Baker Hughes Inc. said the number of rigs exploring for oil and natural gas in the U.S. last week declined by seven to 737. Baker Hughes said Friday that 545 rigs were seeking oil and 192 explored for natural gas. A year ago, with oil prices almost double the prices now, 1,920 rigs were active. Among major oil- and gas-producing states, Louisiana was down four rigs, Texas dropped three, North Dakota was off by two while Colorado and Utah each declined by one.

Reuters, 2:01 December 4, 2015

Natural Gas

Nothing to report.

Other News

Nothing to report.

International News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
December 7, 2015			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	37.59	40.38	65.47
NATURAL GAS Henry Hub \$/Million Btu	2.09	2.06	3.55

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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