



U.S. DEPARTMENT OF ENERGY
Office of Electricity Delivery and Energy Reliability
Infrastructure Security and Energy Restoration

ENERGY ASSURANCE DAILY

Tuesday Evening, November 23, 2010

Electricity

Storms Knock Out Power to More Than 131,000 Customers in Washington and British Columbia November 22-23

Winds and snow blasted Washington and British Columbia, Canada on November 22-23, knocking out power to an estimated 131,200 customers, multiple news and company sources reported. Some 77,369 customers remained in the dark, as of latest reports. The following table lists peak and current outages figures, based on latest available data.

Washington and British Columbia Customer Power Outages November 22 – 23, 2010			
Electric Utility	State	Peak	Latest Reported
Puget Sound Energy	WA	90,000	67,122
Tacoma Power	WA	9,200	100
Peninsula Light	WA	7,000	3,400
Seattle City Light	WA	1,500	666
BC Hydro	BC	23,500	6,081
TOTAL *		131,200	77,369

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

Sources:

Puget Sound Energy: <http://www.pse.com/safetyReliability/pseservicealert/Pages/LatestUpdates.aspx> ,
<http://sam.pse.com/TextView.aspx>

Tacoma Power: <http://www.mytpu.org/newsroom/power-news/wind-knocks-power.htm> ,
<http://www.mytpu.org/newsroom/power-news/tacoma-power-customers.htm>

Peninsula Light: <http://twitter.com/PenLightCo> ,
http://seattletimes.nwsource.com/html/theweatherbeat/2013497837_foxislandpower.html ,
<http://blog.thenewstribune.com/crime/2010/11/23/power-still-out-in-parts-of-south-sound/>

Seattle City Light: <http://www.seattle.gov/light/sysstat/> , <http://www.komonews.com/news/local/109979899.html>

BC Hydro: <http://www.bchydro.com/outages/orsTableView.jsp> ,
<http://www.vancouversun.com/news/Windstorm+knocks+power+Fraser+Valley+homes/3868938/story.html>

Storms Cut Electricity to 63,000 ComEd Customers in Illinois November 22

Thunderstorms knocked out power to 63,000 ComEd customers in Illinois on November 22, but the company restored power to all but about 400 by November 23.

https://www.comed.com/sites/newsroom/News%20Room/newsroomreleases_112310.aspx

Update: Entergy's 813 MW FitzPatrick Nuclear Unit in New York at Full Power by November 23

Entergy expected to reduce the unit to 13 percent power “to address a low oil level reading in a motor on a reactor water recirculation pump,” a plant spokeswoman said on November 16. The unit ramped up to 90 percent power by November 20, but was again reduced to 55 percent power by November 21, according to the Nuclear Regulatory Commission (NRC). The NRC reported that on the morning of November 22 the unit was operating at 83 percent.

<http://www.bloomberg.com/news/2010-11-17/u-s-nuclear-output-rises-as-duke-energy-boosts-oconee-1-reactor.html>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

Update: Dominion's 871 MW Millstone Nuclear Unit 2 in Connecticut at Full Power by November 23

The unit shut on November 19 due to a valve failure, according to a Dominion spokesman and a spokesman with the Nuclear Regulatory Commission (NRC). The NRC reported that on the morning of November 22 the unit was operating at 80 percent.

<http://www.theday.com/article/20101122/NWS01/101129945/1047>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

Update: Entergy's 966 MW River Bend Nuclear Unit 1 in Louisiana Ramped Up to 87 Percent by November 23

The Nuclear Regulatory Commission reported that on the morning of November 22 the unit was operating at 53 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

PG&E's 1,150 MW Diablo Canyon Nuclear Unit 1 California Reduced by November 22

According to the California Independent System Operator, the unit reported an unplanned curtailment of 150 MW by November 22.

<http://www.caiso.com/unitstatus/data/unitstatus201011221515.html>

Update: PGE Receives State Okay to Shut 585 MW Boardman Coal-Fired Power Plant in Oregon

The Oregon Public Utility Commission (PUC) approved on November 19 Portland General Electric Co's (PGE) request to stop burning coal by the end of 2020 at the company's 585 MW Boardman coal-fired power plant in Oregon. PGE could shutter the facility or convert it to process another fuel.

<http://www.reuters.com/article/idUSN2218964620101122>

Update: CEC Temporarily Rescinds Approval of Tessera Solar's Proposed 663.5 MW Calico Solar Power Project in California

The California Energy Commission (CEC) temporarily rescinded its approval of Tessera Solar's proposed 663.5 MW Calico solar power project in California, the CEC ruled on November 19, after the California Unions for Reliable Energy argued that the CEC had, in its original approval, failed to file certain required documents. The CEC will consider the decision on December 1.

Reuters, 19:39 November 22, 2010

Petroleum

Update: After Leak, Shell Aims to Restart 360,000 b/d Louisiana-to-Texas Ho-Ho Oil Pipeline System November 23

Shell completed repairs along its 360,000 b/d Houma, Louisiana-to-Houston, Texas Ho-Ho oil pipeline system by November 22, and hoped to restart the line on November 23, a spokeswoman with the Louisiana Department of Environmental Quality said. A leak forced Shell to shut the line on November 16. The line spilled about 1,030 barrels of oil, according to a federal official. The Ho-Ho system transports crude to refineries in Texas and Louisiana. It was not clear if the shutdown impacted any of the facilities.

<http://www.bloomberg.com/news/2010-11-22/shell-hopes-to-start-pipe-tomorrow-official-says-update1-.html>

Update: Enbridge to Restart 290,000 b/d, Indiana-to-Ontario Lakehead System Line 6B by November 24

Enbridge expected to resume service by November 24 along its 290,000 b/d, 30-inch, Indiana-to-Ontario Lakehead System Line 6B, it said yesterday. The company discovered four anomalies along the line last week. It halted flows on November 17 to excavate and inspect the line. Market sources had expected Enbridge to restart the line sooner, but one analyst said the shutdown would not have a "big impact on refiners," so long as the line resumed flows on November 24.

http://www.calgaryherald.com/business/Enbridge+pipeline+Line+resume+operations+Wednesday/3867972/story.html?cid=megadrop_story

After Weekend Shutdown, LyondellBasell Restarts 300,000 b/d Houston, Texas Refinery by November 22

LyondellBasell was returning its 300,000 b/d Houston, Texas refinery to normal rates by November 22, a plant spokesman said, two days after the facility shut due to a malfunction at a third-party steam and power provider.
<http://www.bloomberg.com/news/2010-11-22/lyondell-returns-houston-texas-refinery-production-update1-.html>

Valve Failure Leads to Oil Spill at Whiting Petroleum Well in Mountrail County, North Dakota November 20-22

Whiting Petroleum Corporation immediately shut operations at its Roggenbuck 14-25 H Well in North Dakota after a valve failure caused water, oil, and natural gas to flow from the well on November 20-22, the company said in multiple releases. Whiting said it was containing and hauling away the liquids. Responders had hauled approximately 5,630 barrels of water and 420 barrels of oil to a disposal facility, as of early on November 22. The flow from the well had declined to approximately 25 percent of its initial flow rate, but the well was still flowing 50-70 barrels of fluid – 90 percent water and 10 percent oil – per hour. There were no injuries.

http://phx.corporate-ir.net/phoenix.zhtml?c=147759&p=irol-newsArticle_Print&ID=1499281&highlight=
http://phx.corporate-ir.net/phoenix.zhtml?c=147759&p=irol-newsArticle_Print&ID=1499045&highlight=

Update: Shell Expects Force Majeure to Impact Nigerian Bonny Light Crude Loadings during December 2010 and January 2011

Shell declared force majeure late last week on loadings of Bonny Light crude in Nigeria, and said by this morning that it expected the force majeure to apply to loadings for the rest of the month, December, and January 2011. The company made the declaration due to a pipeline leak; it said by November 23 that “the leaks were caused by crude theft.” Nigeria had expected to load 295,000 b/d of Bonny crude in November, based on a preliminary schedule.

<http://www.bloomberg.com/news/2010-11-23/shell-says-nigerian-force-majeure-affects-december-january-bonny-loadings.html>

Update: Eni Plans to Produce 75,000 b/d of Oil at Junin 5 Block in Venezuela by 2013

Eni expects to produce a peak of 240,000 b/d at Junin 5 in 2018.

http://www.rigzone.com/news/article.asp?a_id=101486

Natural Gas

Nothing to report.

Other News

Update: Guardian Lima LLC to Restart 54 MMGal/Yr. Lima, Ohio Ethanol Plant by Second Quarter of 2011

Guardian Energy Holdings LLC purchased a majority stake in a long-idled 54 MMGal/Yr. ethanol plant in Lima, Ohio, and – through an operating company known as Guardian Lima LLC – plans to restart the facility by the second quarter of 2011. ICM Inc. is retrofitting and upgrading the plant. Paladin Ethanol Acquisition LLC, the plant’s previous owner, stopped production in November 2008.

http://www.ethanolproducer.com/article.jsp?article_id=7163

Update: Abengoa Plans 16 MMGal/Yr. Cellulosic Ethanol Plant and Associated 70 MW Power Plant near Hugoton, Kansas

http://www.swdtimes.com/article_2723.shtml

Energy Prices

U.S. Oil and Gas Prices November 23, 2010			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	81.11	82.94	77.14
NATURAL GAS Henry Hub \$/Million Btu	3.93	3.66	3.09

Source: Reuters

Energy Notes

Burned Transmission Line Suspected to Blame as 23,000 National Grid Customers Lose Power Briefly in Massachusetts November 22

<http://www.wickedlocal.com/whitman/news/x1768159070/National-Grid-South-Shore-power-outage-may-have-started-with-burned-transmission-line>

Update: Some 12,800 PG&E Customers Remain Without Power in California November 23 - Snowstorms Knocked Out Electricity to at Least 39,000 Customers over Weekend

<http://www.fox40.com/news/headlines/ktxl-power-should-return-by-tuesday-112310,0,3281650.story>

<http://www.fox40.com/news/headlines/ktxl-sierrapoweroutages,0,4588028.story>

Update: Northrop Grumman Opposes First Solar's Proposed 230 MW Solar Ranch 1 Power Plant in California, Citing Potential Disruptions to Aircraft Stealth Technology Testing Facility

<http://www.bloomberg.com/news/2010-11-23/northrop-grumman-opposes-desert-solar-project-1-a-times-says.html?cmpid=yahoo>

Verso Paper Co. to Construct 25 MW Biomass-Based Turbine Generator at Paper Mill in Bucksport, Maine

<http://www.businessweek.com/ap/financialnews/D9JL9AG82.htm>

Update: Massachusetts Department of Public Utilities Approves Power Purchase Agreement for Cape Wind's Proposed 420 MW Wind Farm Offshore Massachusetts November 22

[http://www.mass.gov/?pageID=eoeepressrelease&L=5&L0=Home&L1=Grants+%26+Technical+Assistance&L2=Guidance+%26+Technical+Assistance&L3=Agencies+and+Divisions&L4=Department+of+Public+Utilities+\(DPU\)&sid=Eoeea&b=pressrelease&f=101122_pr_cape_wind&csid=Eoeea](http://www.mass.gov/?pageID=eoeepressrelease&L=5&L0=Home&L1=Grants+%26+Technical+Assistance&L2=Guidance+%26+Technical+Assistance&L3=Agencies+and+Divisions&L4=Department+of+Public+Utilities+(DPU)&sid=Eoeea&b=pressrelease&f=101122_pr_cape_wind&csid=Eoeea)

<http://www.capewind.org/modules.php?op=modload&name=Sections&file=index&req=viewarticle&artid=24&page=1>

BP Voluntarily Retires Three Oil-and-Gas Leases, Covering 1,853 Acres of Land in Montana – One Lease Close to Glacier National Park Entrance

<http://www.businessweek.com/ap/financialnews/D9JJD9RO0.htm>

ExxonMobil Reports Release of Ammonia Gas at 248,000 b/d Joliet, Illinois Refinery November 19

<http://www.bloomberg.com/news/2010-11-21/exxon-mobil-reports-ammonia-release-at-joliet-refinery.html>

<http://tier2.iema.state.il.us/FOIAHazmatSearch/HazmatDetails.aspx?RptNum=H-2010-1273>

Update: Incorrect Spill Size Estimates during Early Stages of Deepwater Horizon Disaster Contributed to Failure of “Top Kill” Procedure: National Commission on the BP Deepwater Horizon Oil Spill and Offshore Drilling

http://www.rigzone.com/news/article.asp?a_id=101489

Apache Plans New Satellite Oil Production Platform at 60,000 b/d UK Forties Oilfield in North Sea –Onshore Construction Expected to Be Complete by Mid-Year 2012

<http://investor.apachecorp.com/releasedetail.cfm?ReleaseID=532592>

MEND Rebel Group Takes Credit for Weekend Attack, Destruction of Oil Pipeline in Nigeria – Obidi-Refinery Line Delivers Crude to Refinery in Warri, Delta State

<http://www.google.com/hostednews/afp/article/ALEqM5hkRbOBUh8VCMrSQRbcSRJcR3ICwQ?docId=CNG.078ec7b362705e06b1ea3a05530f00eb.a31>

Pirates Fail in Bid to Hijack Oil Tanker Offshore Oman November 23

<http://www.washingtonpost.com/wp-dyn/content/article/2010/11/23/AR2010112301754.html>

Turbine Problems Force Shut DCP’s Natural Gas Plant in Texas November 23 – December 1

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147629>

Carbon Sciences Successfully Tests Catalyst That Can Convert CO₂, Natural Gas into Gasoline

http://www.carbonsciences.com/01/view_news.php?id=84

<http://www.fastcompany.com/1704612/carbon-sciences-moves-closer-to-turning-co2-into-gasoline>

EPA Finalizes Two Rules Related to Capture and Sequestration of Carbon Dioxide November 22 – New Rules Aim to Protect Drinking Water and Track Amount of Carbon Dioxide that is Sequestered from Facilities that Carry out Geologic Sequestration

<http://yosemite.epa.gov/opa/admpress.nsf/d0cf6618525a9efb85257359003fb69d/2300005fbc11568d852577e3006058bd!OpenDocument>

Links

This Week in Petroleum from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

Natural Gas Weekly Update from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EST every Thursday.

ENERGY ASSURANCE DAILY

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<http://www.oe.netl.doe.gov/ead.aspx>

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