



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

ENERGY ASSURANCE DAILY

Thursday Evening, October 28, 2010

Major Developments

Update: After Two Rounds of Wind Storms, Utilities Restoring Power to Customers Across U.S. Midwest and Ontario, Canada

Storms and heavy winds continued to blast the U.S. Midwest and Ontario, Canada on October 27, knocking out power to new customers as utilities attempted to restore electricity to those who lost service yesterday, multiple news and company sources reported. News sources reported conflicting or vague outage figures for several of the affected utilities. It was unclear, based on those conflicting and/or vague accounts, if sources were reporting peak outage totals – the highest number of customers affected at any given time – or the total number of customers impacted throughout the storm. The figures for Consumers Energy and Great Lakes Energy in Michigan, ComEd in Illinois, and Xcel Energy in Minnesota, South Dakota, and North Dakota, could be either peak or total, based on those reports.

U.S. Midwest, Ontario Customer Power Outages October 26 – 27, 2010			
Electric Utility	State	Peak	Latest Reported
Consumers Energy	MI	275,000	70,000
Great Lakes Energy	MI	83,008	10,923
DTE Energy	MI	70,000	14,000
Cloverland Electric	MI	7,000	6,000
Upper Peninsula Power Company	MI	6,521	1,760
Cherryland Electric Cooperative	MI	5,800	2,100
Traverse City Light & Power	MI	2,500	0
Commonwealth Edison	IL	200,000	500+*
Ameren	IL	19,000	303
Xcel Energy	MN/SD/ND	160,000	1,907
Minnesota Power	MN	11,000	3
Lake Country Power	MN	9,000	800
Lake Region Electric	MN	4,000	100
Wisconsin Public Service	WI	63,000	23,409
We Energies	WI	15,000	1,800
Xcel Energy	WI/MI	44,000	4,071
Wisconsin Power and Light	WI	6,531	303
Duke Energy	OH/KY	52,742	89
AEP	OH	20,000	0
Dayton Power & Light	OH	17,000	800
South Central Power	OH	9,049	0
FirstEnergy	OH	3,000	300
LG&E/KU/ODP	KY	9,902	64
Duke Energy	IN	45,000	43
Indianapolis Power and Light	IN	22,000	3
Indiana Michigan Power	IN/MI	13,490	0
NIPSCO	IN	3,721	36
Ameren	MO	27,000	329
Appalachian Power	WV	10,950	0
Allegheny Power	WV	3,000	151
Duquesne Light	PA	8,400	8,400

Allegheny Power	PA	2,200	11
Hydro One	ON	50,000	4,501
North Bay Hydro	ON	10,000	10,000
TOTAL**		1,288,814	162,706

*There are between 510 and 5,000 customers without power, based on ComEd's website.

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

Sources:

Consumers Energy: <http://www.consumersenergy.com/News.aspx?id=3582&year=2010>,

<http://www.consumersenergy.com/News.aspx?id=3583&year=2010>

Great Lakes Energy: <http://www.gtlakes.com/storm-central/> , <http://www.petoskeynews.com/news/null-15002-remain-without-power-thu-102810.0.4347323.story>

DTE Energy: <http://www.dteenergy.com/map/outage.html> ,

<http://www.detnews.com/article/20101028/METRO/10280431/1409/metro> ,

<http://www.whmi.com/news/article/11121>

Cloverland Electric: <http://www.cloverland.com/index.php?p=news>

Upper Peninsula Power Company: <http://www.upppo.com/outagesummary/view/outagegrid.aspx> ,

<http://www.wfrv.com/news/michigan/High-winds-causing-tree-limbs-to-fall-into-power-lines--105795333.html>

Cherryland Electric Cooperative: <http://record-eagle.com/local/x176175670/Wind-wreaks-havoc-on-region>

Traverse City Light & Power: <http://record-eagle.com/local/x176175670/Wind-wreaks-havoc-on-region>

ComEd: <https://www.comed.com/sites/customerservice/Pages/OutageMap.aspx> ,

<http://www.businessweek.com/news/2010-10-26/powerful-midwest-storm-knocks-out-power-flights-in-chicago.html> ,

<http://edition.cnn.com/2010/US/10/26/midwest.weather/?hpt=TI> , <http://www.prnewswire.com/news-releases/comed-prepared-for-second-day-of-high-winds-105853043.html> ,

<http://couriernews.suntimes.com/news/2119409-418/elgin-tree-power-storm-elementary.html>

Ameren (Illinois): <https://www2.ameren.com/outage/outagemap.aspx?state=IL> ,

<http://www.pjstar.com/news/x1673647386/A-volatile-windy-mix>

Xcel Energy (Minnesota): <http://www.xcelenergy.com/Minnesota/Company/Newsroom/Pages/outagepage.aspx> ,

<http://kstp.com/news/stories/S1811987.shtml?cat=1>

Minnesota Power: http://mnpower.outagemaps.com/core_site/mnpower.html ,

<http://www.duluthnewtribune.com/event/article/id/182407/group/homepage/>

Lake Country Power: <http://www.lakecountrypower.coop/viewpage.php?pagename=outageupdates>

Lake Region Electric: <http://www.lrec.coop/news/newsdetail.aspx?itemID=14>

We Energies: <http://www.620wtmj.com/news/local/105992523.html> ,

<http://www.wqow.com/Global/story.asp?S=13390288>

Wisconsin Public Service: <http://www.wisconsinpublicservice.com/outagesummary/view/outagegrid.aspx> ,

<http://www.wfrv.com/news/local/Wind-could-be-even-stronger-today-105853278.html>

Xcel Energy (Wisconsin/Michigan): <http://www.xcelenergy.com/OutageMap/OutageMap.html?juris=NSPW> ,

http://lacrossetribune.com/news/local/article_47fb654e-e1eb-11df-8f2d-001cc4c03286.html

Wisconsin Power and Light:

<http://www.alliantenergy.com/UtilityServices/StormOutageCenter/ElectricalOutageSummary/index.htm>

Duke Energy (Ohio/Kentucky): <http://www.duke-energy.com/kentucky/outages/current.aspx#>

AEP: <https://www.aepohio.com/outages/Default.aspx> ,

<https://www.aepohio.com/outages/details.aspx?stormName=October%2026%20Ohio%20Severe%20Wind%20Storm>

Dayton Power & Light: <http://newstalkradiowhio.com/localnews/2010/10/800-still-without-power-in-mia.html>

South Central Power: http://www.southcentralpower.com/OW/ow_map.aspx?county=0

FirstEnergy: <http://news-herald.com/articles/2010/10/27/news/doc4cc75f388c4ce890430527.txt>

LG&E/KU/ODP: <http://stormcenter.eon-us.com/default.html>

Duke Energy (Indiana): <http://www.duke-energy.com/indiana/outages/current.aspx#> ,

<http://www.wibc.com/news/Story.aspx?ID=1301141>

Indianapolis Power and Light: <http://apps.iplpower.com/outages/outagemap.aspx> ,

<http://www.fox59.com/news/wxin-indianapolis-homeowners-stuck-102610.0.2009983.story>

Indiana Michigan Power: <https://www.indianamichiganpower.com/outages/>

NIPSCO: <http://www.nipscooutages.com/WSSNisourceOutageMap/outagemap.html?action=city&reloaded=true> ,

<http://www.jconline.com/article/20101026/NEWS07/101026002>

Ameren (Missouri): <https://www2.ameren.com/outage/outagemap.aspx?state=MO> ,

<http://www.ameren.com/sites/ae/OutageCenter/Pages/default.aspx> ,

<http://www.semissourian.com/story/1675721.html>

Appalachian Power: <https://appalachianpower.com/outages/> , <http://www.herald-dispatch.com/news/briefs/x1769794133/Thousands-without-power-wind-downs-trees-power-lines>

Allegheny Power (West Virginia):

http://app.alleghenyenergy.com/outagestatus/OMS_Customer_State.aspx?Option=State&User= ,
<http://www.newsandsentinel.com/page/content.detail/id/540566/Powerful-storm-follows-record-high-temperature.html?nav=5061>

Duquesne Light: <http://www.thepittsburghchannel.com/r/25520965/detail.html>

Allegheny Power (Pennsylvania):

http://app.alleghenyenergy.com/outagestatus/OMS_Customer_State.aspx?Option=State&User= ,
<http://www.thepittsburghchannel.com/r/25520965/detail.html>

Hydro One: <http://www.hydroone.com/stormcenter/> , <http://www.oilweek.com/news.asp?ID=30630>

North Bay Hydro: <http://www.nugget.ca/ArticleDisplay.aspx?e=2820459>

Electricity

Luminant Shuts 593 MW Big Brown Coal-Fired Unit 2 in Texas October 27

Luminant shut the unit on October 27 after workers “discovered that the 2B damper was malfunctioning and would not close,” the company said in a filing with state regulators.

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=146667>

Luminant Reduces 593 MW Big Brown Coal-Fired Unit 1 in Texas October 27

Luminant reduced the unit’s load on October 27 after the electrostatic precipitator was “overloaded with ash and/or fuel,” the company said in a filing with state regulators.

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=146684>

Update: AES's 225 MW Huntington Beach Gas-Fired Unit 3 in California Returns to Service by October 26

According to the California Independent System Operator, the unit reported a return from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus201010261515.html>

Update: Judge Orders SWEPCO to Stop Some Work on Proposed 600 MW John W. Turk Coal-Fired Power Plant in Arkansas

U.S. District Judge Bill Wilson ordered Southwestern Electric Power Co. to stop some construction work on its proposed 600 MW John W. Turk coal-fired power plant in Hempstead County, Arkansas. The Sierra Club, Audubon Arkansas, and the Hempstead County Hunting Club had asked the judge to suspend all construction work, claiming that SWEPCO did not receive proper approval from the U.S. Army Corps of Engineers. The judge did not order a full stoppage, but did direct SWEPCO to stop the discharging “of dredge or fill material into jurisdictional wetlands, impacting of streams, placement of the water intake structure at the bank of the Little River, and the spanning of transmission lines across the Little and Red rivers. SWEPCO said it would “continue construction, except for the small amount of work remaining in wetlands and streams areas included in the preliminary injunction.”

<http://arkansasnews.com/2010/10/27/judge%E2%80%99s-order-limits-construction-work-on-coal-plant/>

TransCanada Corporation Completes 683 MW Halton Hills Gas-Fired Power Plant in Ontario by October 28

TransCanada Corporation officially opened the Halton Hills Generating Station by October 28.

<http://www.transcanada.com/5520.html>

Petroleum

Vessel Collision Forces Shut Section of Sabine-Neches Waterway October 28 – Waterway Supplies Four Texas Refineries

A motor vessel and a fishing vessel collided along the Sabine River on October 28, spilling an unspecified quantity of diesel fuel and forcing shut the Sabine-Neches Waterway to vessel traffic south of the Intracoastal Waterway, the U.S. Coast Guard said. The affected waterway partly supplies four Texas refineries, but it was not clear if the shutdown impacted any of those facility’s operations, as of latest reports.

<http://www.d8externalaffairs.com/go/doc/425/930303/>

<http://www.reuters.com/article/idUSWEN207920101028>

Update: Workers End Strikes at Eight French Refineries by October 28, but Port Strikes Continue to Prevent Facilities from Resuming Production

Workers ended strikes at eight French refineries by October 28, but separate strikers continued to block access to the Fos Lavera and Le Havre ports and the subsequent lack of crude supplies was preventing all but one of the nation's refineries from resuming production, multiple sources reported. Ten of the France's 11 operational refineries were still offline, as of latest reports. At least eight facilities, however, were prepared to resume production but awaiting crude supplies, according to an official at the UFIP industry group. Twenty percent of the nation's gasoline stations had "supply problems," as of October 28, and it could take two to three weeks for the situation to return to normal, the UFIP official said. Some 79 ships and four barges, including 58 carrying crude oil or oil products, were waiting to offload at the Fos-Lavera port on October 28, according to the port authority.

<http://www.bloomberg.com/news/2010-10-27/total-says-la-mede-refinery-is-in-first-stages-of-restarting.html>

<http://af.reuters.com/article/energyOilNews/idAFLDE69R1EE20101028>

<http://online.wsj.com/article/BT-CO-20101028-706380.html>

<http://online.wsj.com/article/BT-CO-20101028-705888.html>

Update: Petrobras to Begin Production at Tupi Oilfield FPSO Offshore Brazil October 27 – FPSO to Produce 100,000 b/d by 2012

Petrobras plans to begin commercial production on October 27 at the Angra do Reis FPSO platform ship in the Tupi oilfield offshore Brazil, a local news source said. The company expects to produce 50,000 b/d, on average, during 2011, but plans to boost that total to 75,000 b/d by late 2011, and 100,000 b/d in 2012.

<http://online.wsj.com/article/BT-CO-20101027-717634.html>

Venezuela Aims to Begin Orinoco Belt Oil Production in 2011: Oil Minister

Venezuela aims to start producing oil in 2011 – a year earlier than planned – at its Orinoco belt, the nation's Oil Minister said on October 27. Most projects are scheduled to begin output in 2012, at the earliest, but the Oil Minister said some sites could start producing crude in 2011. The nation, through deals with multiple foreign companies, plans to increase its oil production by 2.1 million b/d.

Reuters, 17:39 October 27, 2010

Natural Gas

Southern Union Company to Alter Natural Gas Pipeline System in Texas, Provide Transportation Service to DCP Midstream, LLC

Trunkline Gas Company, a Southern Union Company subsidiary, plans to file with the Federal Energy Regulatory Commission (FERC) for permission to make changes to the southernmost segment of its pipeline in Texas to provide DCP Midstream, LLC with transportation service for liquids-rich gas from the Eagle Ford shale in South Texas. Trunkline would isolate its South Texas system at the Edna compressor station in Jackson County, Texas, and modify its facilities to allow bi-directional flow and the transportation of liquids-rich gas. DCP has five gas processing plants in South Texas, three of which can currently access Trunkline Gas. DCP plans to build pipelines to connect its remaining two South Texas plants to the Trunkline Gas system.

<http://www.southernunionco.com/press/102610.htm>

Pennsylvania DCNR, DEP Announce New Procedures for Evaluating Impacts of Oil-and-Gas Drilling on State Park and Forest Land

The policy, effective immediately, requires well operators to identify all areas of a tract that will be disturbed by development activities. The state Department of Conservation and Natural Resources (DCNR) will delineate, with assistance from the well operator, any areas of concern and recommend measures to minimize the impacts. After coordinating with DCNR, the well operator will submit the DCNR Environmental Review to the state Department of Environmental Protection (DEP) as part of a well permit application. DCNR and DEP say the policy will establish clear procedures for evaluating the impacts of oil and gas drilling on state park and forest land as part of DEP's standard well-permitting process.

<http://www.prnewswire.com/news-releases/pennsylvania-dcnr-dep-establish-policy-further-protecting-state-parks-forests-from-potential-gas-well-development-106057248.html>

ExxonMobil Drills, Tests Two Development Wells at Port Thomson Site in North Slope, Alaska by October 28

Point Thomson holds an estimated 8 trillion cubic feet of natural gas and roughly 200 million barrels of condensate
http://www.upi.com/Science_News/Resource-Wars/2010/10/28/Exxon-drills-new-wells-in-North-Slope/UPI-62121288268425/

Other News

BASF Breaks Ground on Production Facility for Lithium-Ion Battery Materials in Elyria, Ohio

The \$50+ million facility would produce advanced cathode materials for lithium-ion batteries. BASF expects the facility to be fully operational in 2012.

<http://www.prnewswire.com/news-releases/basf-breaks-ground-for-north-americas-most-advanced-production-facility-for-lithium-ion-battery-materials-105875193.html>

Energy Prices

U.S. Oil and Gas Prices October 28, 2010			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	82.16	80.09	77.44
NATURAL GAS Henry Hub \$/Million Btu	3.37	3.46	4.59

Source: Reuters

Energy Notes

Update: Duke Energy to Launch 51 MW Kit Carson Wind Farm in Colorado by End of 2010

DJN, 11:29 October 28, 2010

Update: Duke Energy to Open 14 MW Blue Wing Solar Power Facility in Texas as Soon as Next Week

DJN, 11:29 October 28, 2010

Iberdrola Renewables Plans 30 MW San Luis Valley Solar Ranch in Alamosa County, Colorado – Project Expected to Enter Service by End of 2011

<http://investors.sunpowercorp.com/releasedetail.cfm?ReleaseID=524084>

BGE Holds Winter-Storm Response Drill in Maryland October 27

<http://www.abc2news.com/dpp/news/state/bge-has-dry-run-of-winter-storm-to-determine-if-the-power-company-is-ready>

Xcel Energy Keeps Big Falls Hydroelectric Project nearly Ladysmith, Wisconsin under Watch Condition, Citing the Development of Small Sinkhole and Several Small Depressions October 27

<http://www.xcelenergy.com/Minnesota/Company/Newsroom/Pages/2010-10-27-BigFallsHydroremainsunderwatchcondition.aspxbv>

Update: U.S. District Court in New Orleans Orders Establishment of Security Zone around Deepwater Horizon Wreckage Site and Debris Field in U.S. Gulf of Mexico

<http://www.justice.gov/opa/pr/2010/October/10-enrd-1204.html>

ConocoPhillips Reports Sulfur Dioxide Release at 120,200 b/d Rodeo, California Refinery October 27

<http://www.oes.ca.gov/Operational/MALHaz.nsf/f1841a103c102734882563e200760c4a/e89f8c61d1a78dee882577c9005b5406?OpenDocument>

Underground Line Leaks about 250 Barrels at ConocoPhillips' 100,000 b/d Ferndale, Washington Refinery by October 27 – Spill Limited to Site of Facility

<http://www.bloomberg.com/news/2010-10-28/conoco-has-diesel-spill-at-ferndale-bellingham-herald-says.html>

Kinder Morgan Says 300,000 b/d, Alberta-to-British Columbia-U.S. Northwest Trans Mountain Oil and Oil Product Pipeline Oversubscribed by Approximately 32 Percent for November 2010 – Company to Apportion Affected Line and Other Parts of System

Reuters, 11:38 October 28, 2010

Chevron Sees no Impact to Production after Crude Oil Pipeline Rupture Leaves Two Injured in Indonesia October 28

<http://www.thejakartaglobe.com/business/chevron-indonesia-oil-pipe-explodes-2-children-injured/403691>

<http://www.thejakartaglobe.com/business/2-hurt-as-chevron-oil-pipeline-bursts/403782>

<http://online.wsj.com/article/BT-CO-20101028-704758.html>

Section of Hollin Formation in Ecuador Contains Between Four and Twelve Billion Barrels of Original-Oil-in-Place

http://www.ivanhoeenergy.com/i/pdf/2010-10-28_NR.pdf

Update: Enkern Completes U.S. Federal Environmental Assessment Requirements for Proposed 10 MMGal/Yr. Waste-to-Ethanol Plant in Mississippi by October 28

<http://www.enerkem.com/en/our-locations/plants/pontotoc-mississippi.html>

http://www.enerkem.com/assets/files/press_release/Enkern Successfully Meets Federal EA Mississippi October 28_FINAL_EN.pdf

Update: API Says EPA's Proposal to Curb Ozone Emissions Would Cost \$10 Trillion and Cut More than 7 Million Jobs

<http://www.bloomberg.com/news/2010-10-27/epa-urged-by-petroleum-group-to-postpone-new-tighter-u-s-ozone-standards.html>

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.

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

Please direct comments and questions to: ead@oe.netl.doe.gov