



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

ENERGY ASSURANCE DAILY

Thursday Evening, November 03, 2011

Major Developments

Update: Over 690,000 Customers in the U.S. Northeast Remain without Power November 3

As of 4:30 PM ET on Thursday, utility and news reports indicated more than 690,000 customers remain without power from the Mid-Atlantic to New England five days after a storm that began October 29 brought heavy, wet snow, breaking tree limbs and bringing down power lines. The total customer outages are down from roughly 1.1 million customers without power at about the same time yesterday. At least 4.3 million customers have lost power at some point due to the storm. Connecticut Light & Power customers were the hardest hit by the storm, and over 400,000 remained without power Thursday afternoon. The utility has stated that its goal is to restore the vast majority of its customers by Sunday, November 6. It has posted restoration estimates for all the cities and towns it serves on its website.

U.S. East Coast Customer Power Outages			
October 29 – November 3, 2011			
Electric Utility	State	Customers Affected	Latest Reported
Connecticut Light & Power	CT	831,000	416,819
Western Massachusetts Electric	MA	154,000	59,051
NSTAR	MA	114,000	0
Massachusetts Electric (National Grid)	MA	400,000	68,311
Unitil	MA/NH	70,000	0
Public Service of New Hampshire	NH	289,615	30,537
Granite State Electric Co (National Grid)	NH	15,665	1
New Hampshire Electric Cooperative	NH	11,500	0
Central Maine Power	ME	145,000	0
Narragansett Electric (National Grid)	RI	20,000	8
New England Subtotal		2,050,780	574,727
Jersey Central Power & Light (FirstEnergy)	NJ	356,000	42,143
PSE&G	NJ	500,000	21,000
Orange and Rockland	NJ/NY/PA	122,438	16,385
Con Edison	NY	129,000	2,768
NYSEG	NY	82,000	8,372
LIPA	NY	23,000	11
Central Hudson Gas & Electric	NY	156,000	1,516
PPL Electric	PA	318,000	5,468
PECO	PA	250,000	1,046
PennPower, Penelec, Met-Ed (FirstEnergy)	PA	292,000	19,680
Potomac Edison, Mon Power, West Penn Power (Allegheny Power)	MD/PA/WV	59,000	44
Mid-Atlantic Subtotal		2,287,438	118,389
TOTAL*		4,338,218	693,116

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

Sources:

<http://outage.cl-p.com/outage/outagemap.aspx>

<http://www.wmeco.com/outage/outagemap.aspx>

<http://www.nstaronline.com/business/>

<http://www1.nationalgridus.com/masselectric/stormcenter/>

<http://twitter.com/#!/Unitil>
<http://outage.psnh.com/outage/outagemap.aspx>
<http://www1.nationalgridus.com/granitestate/stormcenter/>
<http://www.nhec.com/oms.php>
<http://www3.cmpco.com/outage/>
<http://www1.nationalgridus.com/narragansett/stormcenter/>
https://www.firstenergycorp.com/outages/outages.do?state_code=NJ
<http://www.pseg.com/info/media/news.jsp>
http://wp1.coned.com/or_stormcenter/default.aspx
<http://apps.coned.com/weboutageinfo/stormcenter/default.aspx>
<http://www.nyseg.com/Outages/outageinformation.html>
<http://stormcentral.cenhud.com/default.aspx>
<https://selfserv.pplelectric.com/EUSelfServ/Outage/OutageMap.aspx>
<https://www.peco.com/CustomerService/OutageCenter/OutageMap/Pages/OutageMap.aspx>
https://www.firstenergycorp.com/outages/outages.do?state_code=PA
http://app.allegHENyenergy.com/outagestatus/OMS_Customer_State.aspx?Option=State&User=

Electricity

NRC to Allow Extended Outage of Emergency Generator at Constellation Energy's 1,120 MW Nine Mile Point Unit 2 in New York

The U.S. Nuclear Regulatory Commission (NRC) has approved a license amendment request from Constellation Energy Nuclear Group (CENG) to extend the length of time its emergency diesel generators can be out of service at its Nine Mile Point Unit 2 near Syracuse, New York. CENG requested permission to modify the unit's technical specifications to allow one of its two primary emergency diesel generators to be out of service 14 days instead of just 72 hours. (The station also has a third, smaller generator.) Emergency diesel generators power plant safety systems when access to power from the grid fails. CENG sought the amendment primarily to allow for voluntary planned maintenance and inspections without shutting down plant operations. The New York State Energy Research Development Authority objected to the amendment, citing concerns that a loss of power could be dangerous in the event of an emergency. An NRC spokesperson said that the Commission approved the amendment, as it has approved similar outage-extension requests for other plants, on the basis of three facts: CENG will shut no more than one generator per a 24-month operating cycle; it will maintain its third emergency diesel generator, which is capable of powering safety systems as necessary; and it will establish restrictions and compensatory measures to account for the risk associated with extended outage times.

<http://palltimes.com/articles/2011/10/31/news/doc4eaf4f51ad7c5634748758.txt>
http://www.syracuse.com/news/index.ssf/2011/10/post_505.html

Update: FirstEnergy Finds More Cracks in Concrete Shell at 882 MW Davis-Besse Nuclear Power Plant in Ohio

A FirstEnergy investigation of a 30-foot hairline crack that contractors discovered in the concrete shield building earlier this month has revealed additional hairline, sub-surface cracks, according to reports on Monday. The cracks were discovered on a primarily decorative element of the building and don't "affect the facility's structure integrity or safety," according to a FirstEnergy spokesperson, who also said that the company wouldn't require federal permission to resume operations as a result of the discovery. Operators shut the plant October 1 to replace the reactor head. FirstEnergy hopes to resume operations in late November.

<http://www.bloomberg.com/news/2011-10-31/firstenergy-finds-more-cracks-at-davis-besse-nuclear-power-plant.html>

EDF EN Canada Inc. and Enbridge to Develop 300 MW Lac Alfred Wind Project in Quebec

Enbridge Inc. and EDF EN Canada Inc. announced today that they have signed an agreement under which Enbridge will become a co-owner of the 300 MW Lac Alfred Wind Project. The project, located 400 km (240 m) north east of Quebec City in Quebec's Bas-Saint-Laurent region, will consist of 150 REpower 2 MW wind turbines and is slated to take place in two phases: Phase 1, which began in June 2011, is expected to be finished in December 2012, while Phase 2 is expected to be completed in December 2013. Hydro-Quebec will buy the power under a 20-year power purchase agreement (PPA) and construct the 30 km (18 m) transmission line to connect the project to the grid under an interconnection agreement.

<http://enbridge.com/MediaCentre/News.aspx?yearTab=en2011&id=1523859>

Update: CVR Energy Reports Major Mechanical Problem While Restarting Its 115,700 b/d Coffeyville, Kansas Refinery, Expects Reduced Rates to Last 10–12 Days

CVR Energy reported to the U.S. National Response Center on September 25 that it would reduce its rates due to an equipment failure at the facility.

Reuters, 11:12 November 3, 2011

http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=990745

Western Refining Co. Considers Boosting Crude Distillation Unit and Fluid Catalytic Cracker Unit by 10 Percent at 20,800 b/d Gallup, New Mexico Refinery

DJN, 11:07 November 3, 2011

Update: Equipment Delays, Right-of-Way Issues Cause Plains All American to Delay Startup of Its 300,000 b/d Eagle Ford Crude Oil Pipeline until First Quarter of 2012

Reuters, 11:35 November 3, 2011

Natural Gas

Update: PHMSA Allows TransCanada to Operate 407 MMcf/d Bison Pipeline at Full Capacity in Wyoming after Pipeline Rupture

The Pipeline and Hazardous Materials Safety Administration (PHMSA) has allowed TransCanada to fully pressurize its new Bison natural gas pipeline in northeast Wyoming, which ruptured for unclear reasons July 20 about 20 miles northwest of Gillette. The 30-inch pipeline is currently running at about 85 percent capacity.

<http://www.thedickinsonpress.com/event/article/id/52560/group/News/>

Equipment Problems at DCP Midstream's 70 MMcf/d Fullerton Gas Processing Plant Force Area Production Facilities to Flare Gases in Texas November 1–7

In multiple filings with the Texas Commission on Environmental Quality this week, a number of gas production facility operators reported flaring as a result of equipment problems and repairs at DCP Midstream's gas processing plant. Energen Resources reported flaring from its WFMU Satellites 2 and 5 and its North Robinson TB 1; Oxy reported flaring from its Unit Central Tank Battery and Unit Tract 3 Satellite of its West Seminole San Andreas Facility; and XTO Energy reported flaring from its CAG 437 Satellite Battery.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=161221>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=161223>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=161256>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=161267>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=161269>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=161288>

<https://www.dcpmidstream.com/Operations/Facilities/Pages/FullertonPlant.aspx>

Valve Failure Leads to Flaring at Enterprise's Mont Belvieu NGL Complex in Texas November 1

Operators reported that the Splitter 1 Unit East KOH Treater 3/4 bleed valve failed on Tuesday afternoon. Enterprise shut down the affected equipment and began isolating and de-inventorying the treater to the feed tank, routing hydrocarbons to the south flare.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=161283>

Enbridge Increases Investment in 800 MMcf/d Cabin Gas Plant in Horn River Basin, British Columbia

Enbridge Inc. announced today that it will acquire an additional interest in the Cabin Gas Plant development project, which it is jointly developing with Encana Corporation. The Cabin Gas Plant development is located 60 km (36 m) northeast of Fort Nelson, British Columbia in the Horn River Basin. Phase 1 will have 400 MMcf/d of natural gas processing capacity. The plant is currently under construction and is expected to be in-service in late 2012. Phase 2 will add an additional 400 MMcf/d of capacity and has been sanctioned by producers and received regulatory approval. The Phase 2 plant is expected to be ready for service in the third quarter 2014.

<http://enbridge.com/MediaCentre/News.aspx?yearTab=en2011&id=1523252>

PG&E to Invest \$2.6 Billion to Improve the Safety of Its Natural Gas Pipeline System in California after Fatal Pipeline Explosion in 2010

Pacific Gas & Electric Corp. (PG&E) executives said Thursday that it plans to spend an additional \$400 million to accelerate pipeline safety activities and invest in technology to improve operations. The California Public Utilities Commission ordered pressure cuts and testing in the wake of last September's explosion of a PG&E gas transmission line in San Bruno, where the company had never performed pressure tests because of inaccurate records. The utility has subsequently assured regulators that it will adhere to more stringent safety measures in the future. This latest commitment of funds brings the utility company's total predicted costs to improve the safety of its natural gas pipeline system to \$2.6 billion.

DJN, 11:29 November 3, 2011

<http://www.sfgate.com/cgi-bin/article.cgi?f=/c/a/2011/09/14/MNAL1L44DU.DTL>

<http://www.sfgate.com/cgi-bin/article.cgi?f=/c/a/2011/09/20/BADA1L6KI2.DTL>

Other News

Nothing to report

Energy Prices

U.S. Oil and Gas Prices November 3, 2011			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	93.85	93.40	84.30
NATURAL GAS Henry Hub \$/Million Btu	3.39	3.65	3.20

Source: Reuters

Energy Notes

Edison International's Edison Mission Group to Build 80 MW Broken Bow Wind Farm in Central Nebraska for Service in 2012; Nebraska Public Power District to Purchase Power

<http://www.edison.com/pressroom/pr.asp?bu=&year=0&id=7738>

In Separate Incidents, Pirates Hijack Oil Products Taker, Small Oil Supply Boat off Nigerian Coast in the Gulf of Guinea

Reuters, 11:33 November 3, 2011

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 EDT every Wednesday.

ENERGY ASSURANCE DAILY

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

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