



ENERGY ASSURANCE DAILY

Monday Evening, November 15, 2010

Electricity

Snow Storm Knocks Out Power to More Than 235,000 Customers in Minnesota, Wisconsin, and Iowa November 13-15

A peak of 200,000 Xcel Energy customers in Minnesota lost power in the weekend snow storm, though according to a company representative only 10,000 customers were still without power as of November 15. Others who lost power during the height of the storm include: 14,000 Connexus customers in Minnesota, 11,000 East Central Energy (ECE) customers in Minnesota and Wisconsin, 5,000 Dakota Electric customers in Minnesota, and 5,000 Minnesota Valley Electric Cooperative customers in Minnesota. As of November 14, all Minnesota Valley Electric customers were restored. In addition, an unknown number of Raccoon Valley Cooperative customers and Iowa Lakes Electric Cooperative customers in Iowa lost power during the snow storm. As of latest reports, Raccoon Valley Cooperative is reporting 20 customers without power, and Iowa Lakes Electric Cooperative reports that it has repaired 30 broken poles and miles of downed wires.

<http://www.xcelenergy.com/OutageMap/OutageMap.html?juris=NSPM#>

http://www.mvec.net/members/outage_alerts.asp

http://www.eastcentralenergy.com/news_stormoutage111310.aspx

https://www.dakotaelectric.com/news_and_events/newsroom/1027_snowoutages

<http://outages.iowarec.org/?n=595&b=1>

<http://www.wkbt.com/Global/story.asp?S=13502448>

<http://kstp.com/news/stories/s1838530.shtml>

<http://www.myfoxtwincities.com/dpp/news/minnesota/thousands-still-without-power-after-snowstorm-nov-14-2010>

<http://www.1380kcim.com/Raccoon-Valley-Cooperative-Members-Without-Power/8567193>

<http://www.radioiowa.com/2010/11/15/some-northwest-iowans-lose-power-after-snowstorm/>

<http://www.1380kcim.com/Some-Sac-County-residents-still-without-power-Mond/8577766>

Fire at Substation Knocks Out Power to 12,400 PG&E Customers in Stockton, California November 12

The cause of the fire is under investigation.

http://www.sacbee.com/2010/11/12/3182175/pge-substation-fire-knocks-out.html#mi_rss=Latest%20News

Update: Constellation's 565 MW Nine Mile Point Nuclear Unit 1 in New York Ramped Up to 96 Percent by November 15

The Nuclear Regulatory Commission reported that on the morning of November 14 the unit was operating at 27 percent. On the morning of November 13 the unit was operating at 1 percent. The unit was shut by November 10. Information derived from the NRC Power Reactor Status Reports:

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

Exelon's 1,093 MW Peach Bottom Nuclear Unit 3 in Pennsylvania Reduced to 30 Percent for Transformer Repairs November 13-15

The unit is being shut to repair a power transformer. The Nuclear Regulatory Commission reported that on the morning of November 12 the unit was operating at full power.

http://www.ydr.com/business/ci_16617320

Information also derived from the NRC Power Reactor Status Reports:

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

PPL's 1,105 MW Susquehanna Nuclear Unit 1 in Pennsylvania Reduced to 84 Percent by November 13, at Full Power by November 15

The Nuclear Regulatory Commission reported that on the morning of November 12 the unit was operating at 99 percent.

Information derived from the NRC Power Reactor Status Reports:

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

PPL's 1,111 MW Susquehanna Nuclear Unit 2 in Pennsylvania Reduced to 82 Percent by November 13, Ramped Up to 94 Percent by November 14

The Nuclear Regulatory Commission reported that on the morning of November 12 the unit was operating at 94 percent.

Information derived from the NRC Power Reactor Status Reports:

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

TVA's 1,125 MW Watts Bar Nuclear Unit 1 in Tennessee Shut After Loss of Cooling to a Transformer November 14

The unit tripped after a failure of the cooling system to the 'A' phase Main Bank Transformer, the company said in a filing with the Nuclear Regulatory Commission (NRC). The NRC reported that on the morning of November 14 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2010/20101115en.html>

Information also derived from the NRC Power Reactor Status Reports:

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

APS's 1,247 MW Palo Verde Nuclear Unit 3 in Arizona Ramped Up to Full Power November 13-15

The Nuclear Regulatory Commission reported that on the morning of November 12 the unit was operating at 25 percent.

Information derived from the NRC Power Reactor Status Reports:

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

PSE&G's 1,049 MW Hope Creek Nuclear Unit 1 in New Jersey Ramped Up to 80 Percent November 13-14

The Nuclear Regulatory Commission reported that on the morning of November 12 the unit was operating at 18 percent.

Information derived from the NRC Power Reactor Status Reports:

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

Progress Energy's 900 MW Harris Nuclear Unit 1 in North Carolina Ramped Up to 30 Percent by November 14

The Nuclear Regulatory Commission reported that on the morning of November 13 the unit was operating at 16 percent.

Information derived from the NRC Power Reactor Status Reports:

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

NMC's 578 MW Monticello Nuclear Unit in Minnesota Reduced to 10 Percent by November 14

The Nuclear Regulatory Commission reported that on the morning of November 13 the unit was operating at 47 percent.

Information derived from the NRC Power Reactor Status Reports:

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

Luminant's 1,150 MW Comanche Peak Nuclear Unit 2 in Texas Reduced to 80 Percent by November 13, at Full Power by November 14

The Nuclear Regulatory Commission reported that on the morning of November 12 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

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

Update: Entergy's 510 MW Vermont Yankee Nuclear Unit in Vermont Ramped Up to 95 Percent by November 13

The Nuclear Regulatory Commission reported that on the morning of November 12 the unit was operating at 74 percent. The unit was shut on November 7.

Information derived from the NRC Power Reactor Status Reports:

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

FPL's 693 MW Turkey Point Nuclear Unit 3 in Florida Ramped Up to 98 Percent by November 13

The Nuclear Regulatory Commission reported that on the morning of November 12 the unit was operating at 80 percent.

Information derived from the NRC Power Reactor Status Reports:

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

Update: Indiana-Michigan Power's 1,000 MW D.C. Cook Nuclear Unit 1 in Michigan at Full Power by November 13

The Nuclear Regulatory Commission reported that on the morning of November 12 the unit was operating at 50 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 1,087 MW Diablo Canyon Nuclear Unit 1 in California Ramped Up to 48 Percent by November 15

The Nuclear Regulatory Commission reported that on the morning of November 14 the unit was operating at 28 percent. On the morning of November 13 the unit was operating at 2 percent.

Information derived from the NRC Power Reactor Status Reports:

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

AES's 225 MW Huntington Beach Gas-Fired Unit 3 in California Shut by November 12

According to the California Independent System Operator, the unit reported an unplanned outage by November 12.

<http://www.caiso.com/unitstatus/data/unitstatus201011121515.html>

PCWA's 176 MW Colgate Hydro Unit 2 in California Shut by November 9 and Returned to Service by November 13

According to the California Independent System Operator, the unit reported an unplanned outage by November 9 and a return from that outage by November 12.

<http://www.caiso.com/unitstatus/data/unitstatus201011091515.html>

<http://www.caiso.com/unitstatus/data/unitstatus201011131515.html>

Ace Cogeneration's 118 MW Ace Cogeneration Coal-Fired Unit in California Shut by November 14

According to the California Independent System Operator, the unit reported an unplanned outage by November 14.

<http://www.caiso.com/unitstatus/data/unitstatus201011141515.html>

NextEra's 493 MW Blythe Gas-Fired Power Plant in California Shut by November 14

According to the California Independent System Operator, the unit reported an unplanned outage by November 14.

<http://www.caiso.com/unitstatus/data/unitstatus201011141515.html>

Sithe's 942 MW Goreway Gas-Fired Power Plant in Ontario Shut All Four Units on November 11

The units shut were the 195 MW unit G11, the 195 MW unit G12, the 195 MW unit G13, and the 357 MW unit G15.

http://reports.ieso.ca/public/GenOutputCapability/PUB_GenOutputCapability_20101111.xml

Update: CPV Ashley Renewable Energy's Proposed 200 MW Ashley Wind Farm in North Dakota to be Complete in 2012

The environmental impacts of the project are still to be completed.

<http://www.prnewswire.com/news-releases/tva-seeks-public-comments-on-environmental-review-of-north-dakota-wind-site-108159089.html>

Southern U.S. Utilities Considering Plans to Idle or Cancel Approximately 15,000 MW of Generating Capacity at Existing and Planned Coal-Fired Units

According to a variety of news sources, the list of utilities planning the cutbacks are as follows: American Electric Power (4,300 MW), Progress Carolinas (3,751 MW), Duke Carolinas (1,525 MW), Georgia Power (1,200 MW), TVA (1,000-4,700 MW). TVA plans to cut 1,000 MW at Widows Creek Units 1-6, two units at the John Sevier facility in Tennessee, and its Shawnee Unit 10 in Kentucky.

<http://www.timesfreepress.com/news/2010/nov/15/change-in-political-climate-doesnt-deter-tva-coal/>

Petroleum

Equipment Failure at Chevron's 330,000 b/d Pascagoula, Mississippi Refinery November 13

A leak in the process line led to a release of hydrogen sulphide.

Reuters, 00:43 November 15, 2010

Update: Silver Eagle Refining's 10,250 b/d Wood Cross, Utah Refinery to Reopen Crude Processing Unit, One Year after Explosion

After the U.S. Chemical Safety Board gave the company the green light to proceed, Silver Eagle Refining plans to gradually restart both the unit and other parts of the refinery.

http://www.forbes.com/feeds/ap/2010/11/15/business-us-refinery-fire-utah_8105824.html

Update: Koch Pipeline Seeks Corporate Approval for Proposed 16-Inch, 120,000 b/d Pipeline Connecting Eagle Ford Producers to Corpus Christi, Texas

With an expansion, the new pipeline could have a capacity of 200,000 b/d. By the end of 2011, Koch Pipeline plans to add more than 140,000 b/d of capacity all directed towards moving Texas crude to Corpus Christi.

Reuters, 11:00 November 15, 2010

Bulgarian Prime Minister Says Trans-Balkan Russia-to-Greece Pipeline Will Not Be Built

The Prime Minister of Bulgaria said that the 300-km pipeline from Burgas to Alexandroupolis will not be built due to environmental risks and inadequate economic benefits.

Reuters, 02:18 November 15, 2010

Natural Gas

Reports by Journalists Raise Concerns about Gas Pipelines in Texas and California

Investigative reports by journalists detail aging pipeline infrastructure in Texas and a lack of pipeline inspectors in California. According to one report, more than half of the major natural gas pipelines in Texas were installed over 40 years ago and are potentially vulnerable to failure. According to another report, the California Public Utilities Commission only employs nine inspectors to check 110,000 miles of pipelines, fewer than the number recommended by the federal government.

<http://www.chron.com/dispatch/story.mpl/front/7294570.html>

http://www.mercurynews.com/breaking-news/ci_16612274?nclink_check=1

8,000 TECO Gas Customers in Lee and Collier Counties Without Natural Gas Following 8-Inch Gas Main Explosion in Fort Myers, Florida, November 11

Affected customers include hospitals and hotels. The explosion occurred after a backhoe struck the gas line. The line was later shut, but some gas was also burned off. Roads were closed, and the operator of the backhoe was injured in the explosion.

<http://www.wtsp.com/news/state/story.aspx?storyid=155762&catid=19>

<http://www.wtsp.com/news/state/story.aspx?storyid=155867>

Other News

DOE Announces Establishment of Energy Efficiency and Renewable Energy Advisory Committee November 12

According to a press release from the U.S. Department of Energy (DOE), the 19 members on the Energy Efficiency and Renewable Energy Advisory Committee (ERAC) will periodically review the portfolio of the Office of Energy Efficiency and Renewable Energy (EERE), and provide advice to the Secretary of Energy on a variety of areas including: completion of long-range plans, priorities and strategies; program funding; and any issues of specific concern expressed by the Secretary of Energy or the Assistant Secretary for EERE.

<http://www.energy.gov/news/9792.htm>

Energy Prices

U.S. Oil and Gas Prices			
November 15, 2010			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	85.24	87.00	76.80
NATURAL GAS Henry Hub \$/Million Btu	3.50	3.47	3.24

Source: Reuters, Bloomberg

Energy Notes

Two Brief Power Failures Darken New Meadowlands Stadium in New Jersey During Football Game November 14

http://www.cnn.com/2010/SPORT/football/11/14/new.jersey.stadium.blackout/index.html?eref=rss_topstories

Renewable Energy Corporation Plans 60 MW Solar Project in Mendota, California to Begin Operation by the Second Quarter of 2013

<http://www.recgroup.com/view?feed=R/136555/PR/201011/1462444.xml>

NRC Inspections of DOE's Under-Construction Mixed Oxide Fuel Facility in Georgia Finds Three Minor Procedural Violations – The Facility, Due to Open in 2016, Will Convert 34 Metric Tons of Plutonium into Commercial Nuclear Fuel

<http://chronicle.augusta.com/news/metro/2010-11-12/mox-inspections-find-three-minor-violations>

Two Injured in Explosion at an Oil Field Services Company Building in Jensen, Utah November 10

<http://www.firerescue1.com/fire-attack/articles/907752-2-injured-in-Utah-oil-company-explosion/>

Alpha Natural Resources to Idle Its Moss #3 Preparation Plant in Russell County, Virginia as of November 30 Due to Reduced Supplies of Raw Coal and High Operational Costs
<http://alnr.client.shareholder.com/releasedetail.cfm?ReleaseID=530295>

Compressor Failure Shuts XTO Energy's Russell Compressor Station in Seminole, Texas November 14
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147373>

SRU Shutdowns Cause Flaring at Sneed Booster Station in Texas November 12 and November 13-14
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147364>
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147354>

Expander Valve Failure Leads to Shutdown at Waha Gas Plant in Texas November 13 – Company Restarts Amine Plant within Hours
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147365>

Loss of Downstream Compression Causes Emissions Event on Enbridge's Zider Lateral Pipeline Segment at the Zider Station in Texas November 13
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147367>

Compressor Failure Leads to Flaring at Shell's 329,000 b/d Deer Park, Texas Refinery November 13
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147368>

Compressor Failure Leads to Flaring at Chevron's McElroy Field Section 205 Tank Battery in Texas November 13
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147361>

DCP's Goldsmith Facility Stops Accepting Gases Due to Emergency Turbine Repairs, Leading to Various Shut-ins and Flaring at University Units 2 and 3, Chevron's McElroy Field, XTO Energy's CAG 480 and 448 Satellite Batteries in Texas November 12-15
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147359>
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147360>
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147336>
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147372>
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147370>

Repairs to Fix a Leak on DCP Midstream's Gas Line Lead Chevron to Shut Its Central Battery & Water Station Gas Field in Texas November 12-13 – Chevron Routs Gas to Emergency Flare Until DCP Midstream Resumes Accepting Gas for Processing
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147353>

Unexpected Shutdown of Unit #20 Leads to Flaring at Keystone Gas Plant in Texas November 13
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147362>

Flaring at Cogdell Canyon Reef Unit Batteries 1-3 in Texas November 12 after a Trac Hoe Hits a CO2 Line That Goes to a Kinder Morgan Plant
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147355>
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147356>
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147357>

Equipment Failure Leads to SRU Shutdown at East Vealmoor Gas Plant in Texas November 12
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147325>

Low Oil Flow Leads to SRU Shutdown at Keystone Gas Plant in Texas, November 12 – SRU Placed Back into Service within Hours

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147335>

Minor Fire at Imperial Oil’s 121,000 b/d Sarnia, Ontario Refinery Does Not Affect Production November 15

Reuters, 11:28 November 15, 2010

Reuters, 11:49 November 15, 2010

Inaccurate Information Discovered in a 1987 License Amendment Request for Exelon’s Byron and Braidwood Nuclear Units in Illinois November 12 – Event Reported to NRC as a “Condition that Significantly Degrades Plant Safety”

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2010/20101115en.html>

Pemex Has Shut 100 MMcf/d of Natural Gas Production in Mexico Due to Threats and Violence from Drug Gangs

<http://www.theeagle.com/world/Mexico-violence-costs--350K-daily-in-natural-gas-losses>

Armed Attackers Board ExxonMobil Offshore Platform in Nigeria November 15 – Potential Damage Unknown

<http://www.businessweek.com/news/2010-11-15/exxon-mobil-says-offshore-platform-in-nigeria-attacked.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.

ENERGY ASSURANCE DAILY

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

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