



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

ENERGY ASSURANCE DAILY

Tuesday Evening, February 02, 2010

Electricity

Update: More than 70,000 Remain Without Power in Oklahoma February 2

More than 70,000 customers remained without power in Oklahoma on February 2, days after ice, winds and snow cut electricity to more than 185,000 customers, multiple sources said. The Oklahoma Association of Electric Cooperatives (OAEC) reported a slight increase in customer outages. "Warmer temperatures brought thawing of ice and 'spiking' of outages, due to both transmission and distribution lines shedding their ice weight and bouncing together or failing due to tension release," the OAEC said on its website. Governor Brad Henry declared a state of emergency on January 27, ahead of the storm, and waived some size and weight restrictions for vehicles moving emergency response equipment and supplies. The following table lists peak and current outage figures, based on latest available data.

Oklahoma, Arkansas Customer Power Outages			
January 28-February 2, 2010			
Electric Utility	State	Peak	Latest Reported
Public Service Co. of Oklahoma	OK	69,716	20,928
Oklahoma Association of Electric Cooperatives	OK	62,341	34,428
Oklahoma Gas & Electric	OK	27,000	1,179
Oklahoma Municipal Power Authority	OK	26,606	14,916
Entergy Arkansas	AR	12,733	343
TOTAL*		198,396	71,794

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

Sources:

Public Service Co. of Oklahoma:

<https://www.psoklahoma.com/outages/details.aspx?stormName=Oklahoma%20Winter%20Storm%20January%2028-29,%202010> ,

http://online.wsj.com/article/SB10001424052748703389004575032852852019606.html?mod=googlenews_wsj

Oklahoma Association of Electric Cooperatives: http://oaec.coop/Latest_News.php

http://www.newsok.com/power-lines-still-down-in-oklahoma-as-wind-creates-new-hazards/article/3435585?custom_click=headlines_widget

Oklahoma Gas & Electric: http://public.oge.com/systemwatch/graphs/History_Graph.asp ,

<http://public.oge.com/systemwatch/SystemWatch.swf?startMapID=1> ,

http://www.gov.ok.gov/display_article.php?article_id=1340&article_type=1

Oklahoma Municipal Power Authority:

<http://www.kjrh.com/mostpopular/story/Latest-Storm-Impact-Report/OXTxOnCdb0e1jrVTdVD3iA.csp>

http://www.ok.gov/OEM/Emergencies_&_Disasters/2009/Winter_Weather_Event_20100128_Master/

Entergy Arkansas: <http://viewoutage.entergy.com/ar.aspx> , <http://ozarksfirst.com/content/fulltext/?cid=230271>

Update: Utilities Restore Service to More than 80,000 Customers across Carolinas by February 2

Weekend storms knocked out power to more than 55,000 Progress Energy customers and about 36,000 Duke Energy customers in North and South Carolina, multiple sources reported. The companies had restored service to nearly all affected customers, as of latest reports.

<http://www.duke-energy.com/outages/stats/>

<http://www.progress-energy.com/shared/outages/car/default.aspx>

<http://www.foxcarolina.com/news/22398697/detail.html>

<http://www.reflector.com/state-news/duke-more-10000-nc-customers-without-power-21681>

<http://www.citizen-times.com/article/20100202/NEWS01/302020015>

Entergy's 858 MW Arkansas Nuclear Unit 2 in Arkansas Reduced to 70 Percent by February 2

Entergy reduced the unit to fix a feed water pump, a company spokesman said. The Nuclear Regulatory Commission reported that on the morning of February 1 the unit was operating at full power.

Bloomberg News, 12:24 February 2, 2010

Information also derived from the NRC Power Reactor Status Reports:

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

Exelon Seeks to Transfer Radioactive Waste from 2,276 MW Limerick Nuclear Power Plant to 2,304 MW Peach Bottom Nuclear Power Facility in Pennsylvania

Exelon applied with the U.S. Nuclear Regulatory Commission (NRC) to send some low-level radioactive waste from its 2,276 MW Limerick nuclear power facility to its 2,304 MW Peach Bottom nuclear power plant in Pennsylvania, a news source said. The Peach Bottom site could store both its own and Limerick's waste for up to 44 years, according to a Limerick spokesman.

<http://www.pottsmmerc.com/articles/2010/02/01/news/srv0000007470786.txt>

Cost at Issue for Nuclear Power Developers—NRC Chairman

It would cost about \$10 billion to build a new nuclear power plant, and that price is the biggest challenge facing would-be nuclear developers, according to the Chairman of the Nuclear Regulatory Commission (NRC).

<http://www.azcentral.com/arizonarepublic/business/articles/2010/02/01/20100201biz-nuclear0202.html>

Petroleum

Fire Forces Shut 66,000 b/d FCC at Valero's 265,000 b/d Jean Gaulin Ultramar Refinery in Quebec, Canada February 2

An early-morning fire forced shut a 66,000 b/d fluid catalytic cracker unit (FCC), the company said. "An estimate for when the FCC can be restarted is pending a damage assessment," according to a spokesman. There were no injuries, and the company was investigating the cause.

Reuters, 12:01 February 2, 2010

Update: Valero Returns 90,000 b/d Crude Unit to Normal Rates at 225,000 b/d Texas City, Texas Refinery by February 2

The unit shut after a fire on December 24, a news source said.

Bloomberg News, 10:09 February 2, 2010

Update: Suncor Completes Repairs after December Fire at Oil Sands Upgrader in Fort McMurray, Alberta

The mid-December blaze affected one of two on-site upgraders, but was extinguished within one hour, Suncor Energy said in a previous release. The company had expected the work to force offline some 120,000-to-150,000 b/d of production. The affected upgrader was restarting by February 2, according to the company CEO.

<http://www.suncor.com/en/newsroom/2418.aspx?id=3311>

<http://www.suncor.com/en/newsroom/2418.aspx?id=1110535>

<http://uk.reuters.com/article/idUKN1716449320091217>

Reuters, 12:35 January 7, 2010

Reuters, 09:43 February 2, 2010

LDH Energy, Explorer Pipeline Plan 32,000 Barrels/Hour Oil Products Pipeline in Texas

The line would connect Louis Dreyfus Highbridge Energy's (LDH Energy) Mont Belvieu, Texas storage facility to Explorer Pipeline Co.'s 28-inch pipeline system, according to a news release. It would deliver refined products and natural gasoline, and "be capable of meeting Explorer's mainline delivery rates of 32,000 barrels per hour." The companies expect to open the line by the fourth quarter of 2010.

http://www.downstreamtoday.com/news/article.aspx?a_id=20846

Update: Statoil and Lukoil Eye 2017 Peak for Planned 1.8 Million b/d West Qurna 2 Oilfield in Iraq

The companies plan to launch drilling in 2011, begin production at the end of 2012, and boost output to 1.8 million b/d in 2017, according to a news source. They expect to maintain that figure for 13 years. The field holds about 13 billion barrels of oil.

http://www.rigzone.com/news/article.asp?a_id=86682

Update: PdVSA, Russian Companies Plan 450,000 b/d Output at Junin-6 Oilfield in Venezuela

The site could yield 450,000 b/d of oil by 2017, PdVSA said.

http://online.wsj.com/article/SB10001424052748704022804575040431689856008.html?mod=googlenews_wsj

Swordfish to Blame for Three-Day Slowdown of Girassol Oil Loading in Angola

Swordfish punctured a hole in an Angolan oil loading pipeline, triggering a three-day slowdown of associated "Girassol" oil tanker deliveries, traders said. Girassol crude is produced at an offshore field; it loads at an average of 250,000 b/d. Total declared force majeure on shipments of Girassol, but lifted that status on February 1.

<http://af.reuters.com/article/investingNews/idAFJOE6110CT20100202>

Reuters, 10:05 February 2, 2010

Update: Shell Shuts Three Flow Stations after Attack along 106,000 b/d Trans-Ramos Oil Pipeline in Nigeria

Attackers ruptured the line, causing an oil spill and forcing Shell to shut three associated flow stations, the company said. It was not clear if the line remained online, or when it might resume normal service. The Movement for the Emancipation of the Niger Delta (MEND) said previously that it was not directly to blame for the incident, but denied today that oil thieves were at fault. Attackers blew up the line, MEND said.

Reuters, 12:52 February 2, 2010

<http://dailymail.com/ap/ApTopStories/201001310345>

http://www.downstreamtoday.com/news/article.aspx?a_id=20828

Natural Gas

Nothing to report.

Other News

Update: Barge Traffic Resumes along Ohio River February 2

Barge traffic resumed along the Ohio River after two shutdowns in less than a week, a news source said. Traffic first stalled due to gate damage on January 29, but resumed after an auxiliary chamber opened by January 31. Soon after, however, the Army Corps of Engineers shut the auxiliary waterway, citing stability concerns. It was not clear if officials reopened the same auxiliary line, or a separate path.

Bloomberg News, 14:13 February 1, 2010

Bloomberg News, 09:25 February 2, 2010

Reuters, 12:56 February 1, 2010

Bloomberg News, 12:34 January 29, 2010

Reuters, 12:43 January 29, 2010

Seven Coal Cars Derail in Iowa over Weekend

Seven coal-carrying cars—part of a 130-car train—derailed in Iowa on January 30, a news source said. At least three cars spilled an unspecified quantity of coal. Workers returned four cars to the track, but had to flip three others off the rail.

http://www.kgan.com/template/inews_wire/wires.regional.ia/30d904af-www.kgan.com.shtml

Mechanical Failure Triggers Fire at BioFuel Energy Corp.'s 115 MMGal/Yr. Fairmont, Minnesota Ethanol Plant January 31

The fire lasted several hours, but had been extinguished, as of latest reports. It was not clear if the facility remained online.

Bloomberg News, 01:52 February 2, 2010

President Obama Requests \$28.4 Billion Budget for DOE, Fiscal Year 2011—Seeks to Cut All Funds for Yucca Mountain Storage Project

The request seeks to develop new ways to produce and use clean and renewable energy, engage in cross-disciplinary scientific approaches to domestic energy and national priorities, expand the use of renewable energy sources while supporting the goal to develop a smart, strong and secure electricity grid, and promote innovation in the renewable and nuclear energy sectors through expanded loan guarantee authority, the Department of Energy (DOE) said in a release. It would eliminate more than \$2.7 billion in tax subsidies for oil, coal and gas industries. That cutback would generate more than \$38.8 billion in federal government revenue over the next decade. President Obama also proposed cutting all funds for the proposed Yucca Mountain nuclear waste storage facility in Nevada. The plan "is not a workable option," according to the budget.

<http://www.energy.gov/news/8588.htm>

<http://www.kxnt.com/Obama-Ends-Yucca-Mountain-Spending/6255990>

Energy Prices

U.S. Oil and Gas Prices February 2, 2010			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	77.21	74.66	41.35
NATURAL GAS Henry Hub \$/Million Btu	5.47	5.76	4.77

Source: Reuters

Energy Notes

Winter Storm Knocks Out Power to 16,000 EPB Customers in Tennessee over Weekend—Company Restores Service to Most by February 1

<http://www.wrcbtv.com/Global/story.asp?S=11915482>

Town Council Okays Zoning Changes for ODEC's Planned 1,500 MW Coal-fired Power Plant in Virginia February 1

<http://wjz.com/wireapnewsva/Dendron.council.OKs.2.1463846.html>

Midwest ISO Fast-Tracks Crownbutte Wind Power's Planned 20 MW Wind Farm in North Dakota and 20 MW Wind Farm in Montana

<http://www.prnewswire.com/news-releases/crownbutte-wind-powers-elgin-nd-and-wibaux-mt-wind-projects-fast-tracked-by-midwest-iso-to-final-definitive-planning-phase-83328297.html>

Radioactive Tritium Leaks Affect at Least 27 U.S. Nuclear Power Plants

http://www.cleveland.com/business/index.ssf/2010/02/vermont_nuke_plant_leaks_renew.html

Update: Plant Officials Say Underground Pipe could be to Blame for Radioactive Release from Entergy Nuclear's 563 MW Vermont Yankee Nuclear Power Facility

http://www.upi.com/Top_News/US/2010/01/29/Pipe-at-Vt-plant-blamed-for-radioactivity/UPI-27091264784103/

NRC Investigating January 24, Uranium-Containing Wastewater Spill at Westinghouse Electric Co. Nuclear Fuel Rod Production Facility in South Carolina

<http://www.thesunnews.com/575/story/1292810.html>

U.S. Gasoline Demand Peaked in 2007—EIA

<http://www.kansascity.com/105/story/1719640.html>

No Impact to Production after Leak and Fire at 200,000 b/d Petro Cedeno Oil Upgrader in Venezuela February 1

Reuters, 21:03 February 1, 2010

Saudi Arabia, Mexico and Venezuela Cut U.S. Exports by Combined 1.22 Million b/d in November 2009, Year-on-Year—EIA Data

<http://www.energyintel.com/#latest>

Tesoro to Receive Russian ESPO Oil at 94,000 b/d Oahu, Hawaii Refinery—U.S. Delivery Marks Change from Usual Asian Customers

http://online.wsj.com/article/BT-CO-20100202-703986.html?mod=WSJ_latestheadlines

New Sarmatia Eyes 2014 Start-Date for Extension of Ukraine's Odessa-Brody Oil Pipeline into Poland

<http://www.polishmarket.com.pl/document/:22259?p=%2Flate%2F>

Floating Oil Storage Drops Below 40 Million Barrels, from 100 Million Barrel Peak in May 2009—OGJ

<http://www.ogj.com/index/article-display/5855171186/articles/oil-gas-journal/exclusive-online-features/market-journal/2010/02/floating-inventories.html>

Liquid Accumulation Causes Operational Restrictions along Enterprise Products' 30-inch Natural Gas Pipeline in Texas February 2-4

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=135010>

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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