



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

ENERGY ASSURANCE DAILY

Friday Evening, January 29, 2010

Electricity

Winter Storm Knocks Out Power to More than 185,000 Customers in Oklahoma January 28-29

Ice, winds and snow disrupted travel, downed power lines and cut electricity to more than 185,000 customers in Oklahoma on January 28-29, multiple sources said. A Public Service Company of Oklahoma spokeswoman said some customers could remain without power for five days. 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. Storms also knocked out power to at least 12,733 Entergy customers in Arkansas. The following table lists peak and current outage figures, based on latest available data.

Oklahoma, Arkansas Customer Power Outages January 28-29, 2010			
Electric Utility	State	Peak	Latest Reported
Public Service Co. of Oklahoma	OK	69,716	64,346
Oklahoma Association of Electric Cooperatives	OK	62,341	62,341
Oklahoma Gas & Electric	OK	27,000	14,583
Oklahoma Municipal Power Authority	OK	26,606	26,606
Entergy Arkansas	AR	12,733	12,733
TOTAL*		198,396	180,609

*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/Winter_Weather_Event_20100128-6.html

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

Delta Power's 240 MW Crockett Cogen Gas-fired Unit in California Shut by January 28

According to the California Independent System Operator, the unit reported an unplanned outage by January 28.

<http://www.caiso.com/unitstatus/data/unitstatus201001281515.html>

SCE's 200 MW Eastwood Hydro Unit in California Shut by January 28

According to the California Independent System Operator, the unit reported an unplanned outage by January 28.

<http://www.caiso.com/unitstatus/data/unitstatus201001281515.html>

Luminant to Reduce 793 MW Monticello Coal-fired Unit 3 in Texas January 29

The company expected to reduce the unit as it performed maintenance on an electrostatic precipitator, it said in a filing with state regulators.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=135135>

Idaho Power to Add 3,000 MW of New Power Capacity by 2029

The company expects to derive most of that electricity from its planned Langley Gulch gas-fired power plant, but also plans to install 150 MW of wind power and 40 MW of geothermal-based electricity, it said in a filing with state regulators.

<http://finance.yahoo.com/news/Idaho-Power-files-plan-to-apf-1341012827.html?x=0&v=1>

Petroleum

Upset at Flint Hills' 288,150 b/d Pine Bend, Minnesota Refinery January 28

The refinery experienced an upset, a state official said. It was not clear if the incident had any impact to production. Bloomberg News 11:25 January 29, 2010

Update: BP to Restart FCC at 467,720 b/d Texas City, Texas Refinery January 29-February 5

BP planned to shut the gasoline-producing fluid catalytic cracking unit (FCC) to repair a related compressor on January 27-28, the company said in a previous filing with state regulators.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=135071>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=135142>

[http://www.nasdaq.com/asp/stock-market-news-](http://www.nasdaq.com/asp/stock-market-news-story.aspx?storyid=201001290955dowjonesdjonline000300&title=bp-restarts-gasoline-making-unit-at-texas-city-refinerytceq)

[story.aspx?storyid=201001290955dowjonesdjonline000300&title=bp-restarts-gasoline-making-unit-at-texas-city-refinerytceq](http://www.nasdaq.com/asp/stock-market-news-story.aspx?storyid=201001290955dowjonesdjonline000300&title=bp-restarts-gasoline-making-unit-at-texas-city-refinerytceq)

Update: Chevron Sees About 20,000 b/d of Crude Output Offline Due to Nigerian Militants

DJN, 12:21 January 29, 2010

Rosneft Says Sevastyanovo Field in Russia Could Contain More than 1.1 Billion Barrels of Oil

The field could yield as much as 170,000 b/d, analysts say.

http://www.rigzone.com/news/article.asp?a_id=86539

Brazil's Petrobras a Net Oil Exporter in 2009

Brazil was a net oil exporter in 2009—recording a 156,000 b/d surplus in oil and derivatives trades—one year after it slipped to net-importer status amid increased heating demand and higher oil prices, a news source said.

http://online.wsj.com/article/BT-CO-20100129-709225.html?mod=WSJ_World_MIDDLEHeadlinesAmericas

Natural Gas

Update: TransCanada, ExxonMobil Seek FERC Okay to Hold Open Season for Planned 4.5 Bcf/d North Slope, Alaska-to-Alberta Canada Natural Gas Pipeline by January 29

The companies filed with the U.S. Federal Energy Regulatory Commission (FERC) plans to hold an open season for either a 4.5 Bcf/d, approximately-1,700-mile natural gas pipeline from the North Slope, Alaska to Alberta, Canada, or a 3.0 Bcf/d, approximately-800-mile line from the North Slope, Alaska to Valdez, Alaska, the companies said on January 29. The larger project would deliver gas to Alberta, Canada; there, shippers would re-route the gas along existing pipelines to major North American markets. The smaller project would send gas to Valdez, Alaska; there, the gas would be converted to liquefied natural gas and sent via ship to customers in North America and elsewhere. Pending FERC's approval, the companies would deliver the open season offering to shippers at the end of April. Either project would enter service in 2020.

http://www.transcanada.com/news/2010_news/20100129.html

Other News

Gate Damage Stalls Oil, Coal Barges along Ohio River at Kentucky/Ohio Border by January 29

Marathon reduced operations at its 226,000 b/d Catlettsburg, Kentucky refinery after damage to a gate stalled barge traffic at the associated Greenup Locks, along the Ohio River, a news source said. In 2008, some 33 power plants received coal deliveries that had, at some point, traversed the affected waterway. American Electric Power Co. confirmed that the shutdown could postpone coal shipments to area facilities, but said on-site inventories would prevent any slowdowns. The main lock was expected to remain offline between six to eight weeks, but a secondary line was slated to open on Sunday, January 31, a U.S. Army Corps of Engineers spokeswoman said.

Bloomberg News, 12:34 January 29, 2010

Reuters, 12:43 January 29, 2010

DuPont Danisco Plans 25-to-35 MMGal/Yr. Cellulosic Ethanol Plant in U.S. Midwest

The facility would process corn cobs or switch grass, according to a news source. It could enter service by 2013. The company, a joint venture of Dupont Co. and a Danisco unit, expects to launch a 250,000 gallon/year site in Tennessee today, January 29.

http://money.cnn.com/news/newsfeeds/articles/djf500/201001281714DOWJONESDJONLINE000797_FORTUNE5.htm

President Obama Calls for New Generation of U.S. Nuclear Power Plants

"To create more of these clean energy jobs, we need more production, more efficiency, more incentives," President Obama said in his State of the Union Address this week. "And that means building a new generation of safe, clean nuclear power plants in this country." Energy Secretary Steven Chu today announced the formation of a Blue Ribbon Commission on America's Nuclear Future to provide recommendations for developing a safe, long-term solution to managing the Nation's used nuclear fuel and nuclear waste, the Department of Energy (DOE) said in a release. DOE said the move was part of the Obama Administration's commitment to restarting America's nuclear industry. Obama expects to propose next week that the U.S. government triple its loan guarantees for new nuclear reactors, according to an administration official.

Reuters, 09:08 January 29, 2010

<http://newsblaze.com/story/2010012811361500001.bw/topstory.html>

<http://www.energy.gov/news/8584.htm>

Energy Prices

U.S. Oil and Gas Prices January 29, 2010			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	72.85	74.60	41.89
NATURAL GAS Henry Hub \$/Million Btu	5.26	5.52	4.84

Source: Reuters

Energy Notes

Four of 172 Sirens Fail During Testing at Entergy's 2,311 MW Indian Point Nuclear Power Plant in New York January 27

http://www.midhudsonnews.com/News/2010/January/28/IP_siren_test-28Jan10.html

Update: Entergy Files Details with State on Buried Pipes at 563 MW Vermont Yankee Nuclear Power Plant January 24

http://www.reformer.com/localnews/ci_14267582

Oil-and-Gas Companies Report Highest Rates of Denial-of-Service Attacks across Company Networks—Survey

<http://www.networkworld.com/news/2010/012710-ddos-oil-gas.html?hpg1=bn>

Ohio-Based AEP Expects Power Demand to Increase by 1.6 Percent in 2010

http://www.dispatch.com/live/content/local_news/stories/2010/01/28/aep-sales.html

Chevron Sees Difficulties, but Says it is Too Soon to Discuss Shutting Refineries

DJN, 11:43 January 29, 2010

Thunderstorm Activates Electronic Fire Eye Shutdown System, Forcing Offline Compressors at Waddell Compressor Station in Texas January 28

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=135132>

Compressor Shuts, Restarts at Waha Gas Plant in Texas January 28

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=135147>

Pennsylvania to Hire More Inspectors in Bid to Boost Monitoring of Natural Gas Drillers—State Plans New Rules to Prevent Gas Leakage

http://www.philly.com/inquirer/breaking/business_breaking/82991352.html

Australian Condensate Supply to Jump from 125,000 b/d in 2009 to 340,000 b/d 2020—Chevron Advisor

http://money.cnn.com/news/newsfeeds/articles/djf500/201001280407DOWJONESDJONLINE000289_FORTUNE5.htm

Update: Russia's Gazprom, Poland's PGNiG Reach Agreement on Natural Gas Supplies—Deal Would Extend Existing Deal Through 2037, Guarantee Russia-through-Poland Deliveries along Yamal Pipeline through 2045

<http://www.reuters.com/article/idUSLDE60R0JG20100128?type=marketsNews>

Update: Town Council Okays Land Annex for Power Energy's Planned Waste-Based Ethanol Facility in Indiana

<http://ethanol-news.newslib.com/story/6938-34606/>

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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