



ENERGY ASSURANCE DAILY

Friday Evening, January 30, 2009

Major Developments

Update: Over 975,000 Customers Remain Without Power across U.S. Midwest Due to Ice Storms

Snow and ice storms across the U.S. Midwest knocked out power to approximately 1,615,778 customers in states from Oklahoma to Pennsylvania. Heaviest hit states include Arkansas, Kentucky, and Ohio. As of most recent reports, utilities report 978,662 customers remain without power. The following table lists peak and latest reported outage figured, based on multiple sources.

U.S. Midwest Customer Outages			
January 27-30, 2009			
Electric Utility	State	Peak	Latest Reported
Arkansas Electric Cooperatives	AR	300,000	143,800
Entergy Arkansas	AR	110,324	83,490
AEP SWEPCO	AR	59,000	27,947
Louisville Gas & Electric	KY	205,000	174,000
Kentucky Utilities	KY	180,000	148,000
AEP Kentucky Power	KY	32,372	15,350
Duke Energy	KY	17,445	1,381
Kentucky Cooperatives	KY	148,071	113,323
Kenergy	KY	40,000	34,423
AEP Ohio	OH	124,118	46,636
Duke Energy	OH	42,626	1,384
South-Central Power	OH	27,912	8,446
Duke Energy	IN	67,797	12,930
Vectren Energy	IN	56,000	50,000
Jackson REMC	IN	4,000	0
Missouri Electric Cooperatives	MO	63,000	48,500
Ameren	MO	35,964	28,751
Appalachian Power	WV	46,217	13,509
Allegheny Power	WV	7,644	11
Oklahoma Electric Cooperatives	OK	38,788	24,172
OG&E	OK	10,500	0
AEP Oklahoma	OK	1,500	0
Ameren	IL	11,772	2,601
Appalachian Power	VA	8,829	0
Knoxville Utilities Board	TN	6,589	0
Allegheny Power	PA	6,310	8
TOTAL*		1,651,778	978,662

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

Sources:

Arkansas Electric Cooperatives

<ftp://www.adem.arkansas.gov/SitSum/January%2027%202009%20Ice%20storm.htm>

Entergy Arkansas: <http://www.energy-arkansas.com/outages/ar.aspx>

AEP SWEPSCO: <http://www.swepco.com/news/outages/>

Kentucky Utilities: <http://www.eon-us.com/storm/default.asp>

Louisville Gas & Electric: <http://www.eon-us.com/storm/default.asp>

AEP Kentucky Power: <http://www.kentuckypower.com/news/outages/>

Duke Energy-Kentucky: <http://www.duke-energy.com/kentucky/outages/current.asp>

Kentucky Electric Cooperatives: <http://psc.ky.gov/ors/OutageReport.aspx>

Kenergy Corp.: <http://psc.ky.gov/ors/OutageReport.aspx>

AEP Ohio: <http://www.aepohio.com/news/outages/default.asp>

Duke Energy-Ohio: <http://www.duke-energy.com/ohio/outages/current.asp>

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

Duke Energy-Indiana: <http://www.duke-energy.com/indiana/outages/current.asp>

Jackson REMC: <http://www.jacksonremc.com/outages.htm>

Kenergy: <http://www.istockanalyst.com/article/viewiStockNews/articleid/2996435>

Missouri Electric Cooperatives: <http://sema.dps.mo.gov/SitReps/2009/SITREP%2001302009%201%20pm.pdf>

Ameren Missouri: http://www.ameren.com/Outage/ADC_MissouriOutageInformation.asp

Appalachian Power: <http://www.appalachianpower.com/news/outages/default.asp>

Allegheny Power: http://app.alleghenyenergy.com/outagestatus/OMS_Customer_Option.aspx

Oklahoma Electric Cooperatives:

http://www.ok.gov/OEM/Emergencies_&_Disasters/2009/Winter_Weather_Event_20090126-6.html

OG&E: <http://www.oge.com/systemwatch/>

AEP Oklahoma: <http://www.psoklahoma.com/news/outages/default.asp>

Ameren Illinois: http://www.ameren.com/Outage/ADC_IllinoisOutageInformation.asp

Knoxville Utilities Board: http://www.kgis.org/website/kub_outage/mainpage.htm

Vectren Energy: <http://www.chicagotribune.com/news/chi-ap-in-winterstorm-outag,0,1933026.story>

Electricity

Texas Utility Regulators Awards Nine Companies Rights to Build New Electric Transmission Lines January 29

The new lines will connect wind generation from cities like Dallas and San Antonio to the electric grid. Texas currently leads the nation with 8,005 MW of wind-generating capacity.

Reuters, 18:22 January 29, 2009

Austin Energy to Build 30 MW Solar Power Facility for Gemini Solar in Texas

The plant would be the country's largest solar power facility.

http://austinst.com/2009/01/29/austin_energy_has_proposed_a.php

OPG's 500 MW Pickering Nuke Unit 1 in Ontario Shut January 29

The unit was shut for repairs. A company spokesman said the unit would be back in service within a week.

Bloomberg News, 08:58 January 30, 2009

AES's 226 MW Huntington Beach Gas-fired Unit 1 in California Shut by January 29

According to the California Independent System Operator, the unit experienced an unplanned curtailment of 136 MW by January 29.

<http://www.caiso.com/unitstatus/data/unitstatus200901291515.html>

Update: Progress Energy's 834 MW Crystal River Nuke Unit 3 in Florida Ramped Up to 60 Percent by January 30

The Nuclear Regulatory Commission reported that on the morning of January 29 the unit was operating at 24 percent. The unit was shut on January 27 as a result to the loss of a feed water booster and a condensate pump.

Reuters, 07:53 January 30, 2009

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

Update: OPG's 490 MW Nanticoke Coal-fired Unit 2 in Ontario Returned to Service January 30

The unit was shut by January 29.
Reuters, 08:15 January 30, 2009

Update: TransAlta's 280 MW Sundance Coal-fired Unit 1 in Alberta Returned to Service January 30

The unit was shut on January 14.
Bloomberg News, 08:17 January 30, 2009

Petroleum

Update: Refineries Nationwide Could be Affected by Possible Labor Strike Starting over Weekend

About 24,000 refinery and pipeline workers across the United States are prepared to go on strike at midnight Saturday if negotiations with major oil companies don't result in a new contract. The current contract expires at 12:01 AM Sunday. The strike would affect more than half of the nation's refining capacity. Shell's Deer Park, Texas refinery, BP's Texas City, Texas refinery, Lyondell's Houston, Texas refinery, and Pasadena's Pasadena, Texas refinery are among the refineries that can be affected. Valero indicated it may idle its Memphis, Delaware refinery but continue operations at its Port Arthur, Texas refinery with replacement workers if the strike goes into affect. BP has told union leaders it would not train replacement workers to operate refineries, and will idle some refineries. Lyondell has trained management personnel to operate its Houston, Texas refinery. Shell and ExxonMobil place on using replacement workers to keep their refineries operating. Marathon's Texas City, Texas refinery and ExxonMobil's Baytown, Texas refineries are included in the bargaining, but their contracts don't expire until later.

<http://www.chron.com/dispatch/story.mpl/front/6235767.html>

<http://www.latimes.com/classified/jobs/career/la-fi-oilstrike30-2009jan30.0,3028592.story>

<http://www.chron.com/dispatch/story.mpl/headline/biz/6237896.html>

<http://uk.reuters.com/article/oilRpt/idUKN3036854420090130>

Reuters, 12:01 January 30, 2009

Power Failure at Valero's 181,000 b/d McKee, Texas Refinery January 29

A malfunction in the fluid catalytic cracker resulted in a brief power outage.

<http://www.chron.com/dispatch/story.mpl/business/6238279.html>

Update: Tesoro Has No Plans to Shut its 166,000 b/d Golden Eagle Refinery in California

Reports had circulated on January 29 that Tesoro was planning on shutting the refinery for work on a hydrocracking unit.

Reuters, 10:03 January 30, 2009

Natural Gas

PG&E Suspects 20,000 Miles of Gas Pipelines throughout California Susceptible to Cracking

Older, plastic gas piping may be vulnerable to brittle-like cracking. PG&E is testing samples of its natural gas piping to determine its safety and reliability.

<http://www.my58.com/news/18590585/detail.html>

Turbine Shut at 160 MMcf/d Goldsmith Gas Plant in Texas January 29

<http://www11.tceq.state.tx.us/oce/eei/index.cfm?fuseaction=main.getDetails&target=119501>

Other News

Renew Energy's Ethanol Plant in Wisconsin Files for Bankruptcy

<http://www.wisconsinagconnection.com/story-state.php?Id=123&yr=2009>

Update: Husker Ag Ethanol Plant in Nebraska Resumed Production January 29

The ethanol plant had shut earlier this month due to financial problems.

<http://ethanol-news.newslib.com/story/6938-30997/>

Energy Prices

U.S. Oil and Gas Prices			
January 30, 2009			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	41.70	42.32	91.77
NATURAL GAS Henry Hub \$/Million Btu	4.71	4.72	8.10

Source: Reuters

Energy Notes

Update: Blocked Fuel Lines Caused Oil Tanker to Lose Power Near Port of San Francisco – USCG

http://www.mercurynews.com/breakingnews/ci_11585672

California State Lands Commission Voted against Plains Exploration and Production's Request to Expanding Drilling Offshore California

<http://www.wsvn.com/news/articles/national/MI111437/>

Update: Oregon Land Use Board of Appeals Remanded County Commission's Approval of Proposed Bradwood Land LNG Project

<http://www.dailyastorian.com/main.asp?SectionID=2&SubSectionID=398&ArticleID=57857&TM=76141.82>

Tesoro's 58,000 b/d Mandan, North Dakota Refinery to Integrate Renewable Fuel Production into Infrastructure

<http://www.bizjournals.com/sanantonio/stories/2009/01/26/daily36.html>

Citing Clean Air Act, EPA Does Not Grant Permit for Proposed 500-580 MW Big Stone II Coal-fired Plant in South Dakota

State Regulators and Plant Officials Have 90 Days to Make Required Changes to Permit

<http://www.echopress.com/articles/index.cfm?id=62354§ion=news>

Flaring at ConocoPhillips's 139,000 b/d Carson, California Refinery January 29

Reuters, 08:31 January 30, 2009

Workers Strike at BP's Forties Pipeline System in North Sea over Use of Foreign Workers in Energy Industry January 30

Dow Jones News, 12:28 January 30, 2009

EOG Resources Forecasts 227-463 MMboe Recoverable Crude from Barnett Shale in Mississippi

http://www.ogj.com/display_article/351766/7/ARTCL/none/none/EOG-sees-big-volumes-from-Barnett-combo-play/?dcmp=OGJ.Weekly.ED

PDVSA to Certify 235 Billion Barrels of Crude from Orinoco Extra Heavy Crude Oil Belt – Information Ministry

<http://www.platts.com/Oil/News/8323153.xml?p=Oil/News&sub=Oil>

Mexico Shut Dos Bocas Oil Exporting Port in Gulf of Mexico due to Bad Weather January 30

Reuters, 12:03 January 30, 2009

Somali Pirates Hijack German-owned LPG Vessel in Gulf of Arden January 29

http://news.xinhuanet.com/english/2009-01/29/content_10734665.htm

The Movement for the Emancipation of the Niger Delta (MEND) Calling off Ceasefire and Will Resume Assault on Nigeria's Oil and Gas Industry January 30

Reuters, 12:10 January 30, 2009

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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