



# ENERGY ASSURANCE DAILY

Monday Evening, February 09, 2009

## Electricity

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### **Update: About 90,000 Customers Remain Without Power in Arkansas, Kentucky and Missouri February 9**

An estimated 90,000 customers remained without power in Arkansas, Kentucky and Missouri on February 9, nearly two weeks after ice storms cut electricity to an estimated 1.7 million U.S. customers. Included in the outages were 27,268 Arkansas customers, about 52,000 Kentucky customers and 11,030 Missouri customers. Among other impacted states—Ohio, Indiana, West Virginia, Oklahoma, Illinois, Virginia, Tennessee and Pennsylvania—only scattered outages remain.

Sources:

Arkansas Electric Cooperatives: <http://www.aecc.com/files/pdf/newsrelease/2009/020909a.pdf>

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

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

Kentucky Electric Cooperatives: [http://psc.ky.gov/ors/PublicInfo\\_OutageIncidents.aspx](http://psc.ky.gov/ors/PublicInfo_OutageIncidents.aspx)

Kenergy Corp.: [http://psc.ky.gov/ors/PublicInfo\\_OutageIncidents.aspx](http://psc.ky.gov/ors/PublicInfo_OutageIncidents.aspx)

TVA in Kentucky: [http://www.wztv.com/template/inews\\_wire/wires.regional.ky/268e9164-www.fox17.com.shtml](http://www.wztv.com/template/inews_wire/wires.regional.ky/268e9164-www.fox17.com.shtml)

Missouri Electric Cooperatives: <http://sema.dps.mo.gov/SitReps/2009/SITREP%2002092009%2011am.pdf>

Ameren Missouri: <http://sema.dps.mo.gov/SitReps/2009/SITREP%2002062009%2011%20am.pdf>

Missouri Public Utilities: <http://sema.dps.mo.gov/SitReps/2009/SITREP%2002062009%2011%20am.pdf>

### **TVA's 1,152 MW Browns Ferry Nuke Unit 1 in Alabama Reduced to 56 Percent by February 9**

The Tennessee Valley Authority (TVA) reduced the unit to 56 percent power to repair a variable frequency drive, a company spokesman said. The affected equipment powers a pump that controls reactor water flow. "This is not a long-term maintenance item," the spokesman said.

Bloomberg News, 10:47 February 9, 2009

Information also derived from the NRC Power Reactor Status Reports:

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

### **Energy Northwest's 1,107 MW Columbia Generating Station Nuke Unit in Washington Shut by February 9**

The unit shut automatically from 75 percent power due to a pressure fluctuation, the company said in a regulatory filing. Operators had been performing tests on the associated unit. A spokesman did not give a timetable for the unit's return, but said the company was investigating the incident. The Nuclear Regulatory Commission reported that on the morning of February 8 the unit was operating at full power.

Reuters, 12:05 February 9, 2009

Bloomberg News, 08:07 February 9, 2009

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/en.html#en44833>

Information also derived from the NRC Power Reactor Status Reports:

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

### **FPL's 693 MW Turkey Point Nuke Unit 4 in Florida Reduced to 60 Percent by February 8**

The Nuclear Regulatory Commission reported that on the morning of February 7 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/2009/>

### **Entergy's 836 MW Arkansas Nuclear Unit 1 in Arkansas Shut after Fire February 7**

Entergy declared an Unusual Event after a fire in an iso-phase bus deck of the turbine building, it said in a regulatory filing. The filing attributed the incident "to a failed bonnet on a manual valve which had unthreaded during operation releasing hydrogen in the vicinity of the hydrogen add station." The fire damaged some cables, but a spokesman referred to the event as "small and brief." The subsequent outage "should be of short duration," he said. The Nuclear Regulatory Commission reported that on the morning of February 7 the unit was operating at 14 percent.

Bloomberg News, 09:36 February 9, 2009

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/en.html#en44833>

Information also derived from the NRC Power Reactor Status Reports:

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

### **Fire at OPPD's 502 MW Fort Calhoun Nuclear Power Plant in Nebraska February 5**

The fire occurred in the facility's Administration Building, located outside its Protected Area, according to a filing. It was extinguished in about 16 minutes, based on the report.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2009/20090206en.html>

### **Luminant Shuts 793 MW Martin Lake Coal-fired Unit 1 in Texas February 8**

Luminant shut the unit to repair a boiler tube leak, according to a filing with state regulators. It planned to restart the unit after the work.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=119880>

### **Calpine's 561 MW Los Medanos Energy Center Gas-fired Unit in California Curtails 297 MW by February 8**

According to the California Independent System Operator, the unit experienced an unplanned curtailment of 297 MW by February 8.

<http://www.caiso.com/unitstatus/data/unitstatus200902081515.html>

### **FirstEnergy's 1,235 MW Perry Nuke Unit 1 in Ohio at Full Power by February 8**

The Nuclear Regulatory Commission reported that on the morning of February 7 the unit was operating at 81 percent.

Information derived from the NRC Power Reactor Status Reports:

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

### **Constellation's 1,120 MW Nine Mile Point Nuke Unit 2 in New York at Full Power by February 9**

The Nuclear Regulatory Commission reported that on the morning of February 8 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/2009/>

### **Update: Progress Energy's 872 MW Brunswick Nuke Unit 1 in North Carolina Ramped Up Full Power by February 9**

Operators reduced the unit to perform maintenance on a reactor feed water pump turbine casing drain, a news source said. The Nuclear Regulatory Commission reported that on the morning of February 7 the unit was operating at 70 percent.

Reuters, 07:42 February 9, 2009

Information also derived from the NRC Power Reactor Status Reports:

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

### **AEP Plans Restart of 721 MW Pirkey Coal-fired Power Plant in Texas February 7-11**

The company planned to restart the unit after repairing a boiler tube leak, it said in a filing with state regulators. The event was scheduled to last from February 7 to February 11.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=119864>

## **San Miguel Electric to Restart 410 MW Coal-fired San Miguel Electric Plant in Texas February 9**

San Miguel Electric Coop. planned to restart the unit today, February 9, after repairing a “waterwall tube leak in convection pass,” it said in a filing with state regulators.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=119887>

## **Watson Cogeneration's 423 MW Watson Gas-fired Unit in California Ramps up by February 7**

According to the California Independent System Operator, the unit returned from an unplanned curtailment of 233 MW.

<http://www.caiso.com/unitstatus/data/unitstatus200902071515.html>

## **Reliant's 320 MW Etiwanda Gas-fired Unit 3 in California Returns to Service by February 6**

According to the California Independent System Operator, the unit returned from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200902061515.html>

## **AES's 226 MW Huntington Beach Gas-fired Unit 1 in California Returns to Service by February 7**

According to the California Independent System Operator, the unit returned from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200902071515.html>"

## **PPM Energy's 150 MW Shiloh I Wind Project in California Returns to Service by February 7**

According to the California Independent System Operator, the unit returned from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200902071515.html>

## **City of Vernon's 134 MW Malburg Generating Station Gas-fired Unit in California Returns to Service by February 6**

According to the California Independent System Operator, the unit returned from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200902061515.html>

## **AEP Postpones Plans for Clean-Coal Power Plant in Ohio**

Citing economic conditions, American Electric Power (AEP) delayed plans to build a clean-coal power plant in Ohio, but said it still hopes to eventually build the facility. The company had originally expected to open the plant in 2010. Now, it hopes to release construction plans by 2011, a company official said.

[http://www.mydailysentinel.com/pages/full\\_story?page\\_label=home\\_top\\_stories\\_news&article-AEP-Clean-coal-plant-on-hold%20=&id=1913848-AEP-Clean-coal-plant-on-hold&widget=push&instance=secondary\\_news\\_left\\_column&open=&](http://www.mydailysentinel.com/pages/full_story?page_label=home_top_stories_news&article-AEP-Clean-coal-plant-on-hold%20=&id=1913848-AEP-Clean-coal-plant-on-hold&widget=push&instance=secondary_news_left_column&open=&)

## **Entergy's 858 MW Arkansas Nuclear Unit 2 in Arkansas Ramped Up to 60 Percent by February 9**

The company shut the unit on February 7 to fix a turbine steam leak. The Nuclear Regulatory Commission reported that on the morning of February 8 the unit was operating at 18 percent.

Bloomberg News, 09:36 February 9, 2009

Information also derived from the NRC Power Reactor Status Reports:

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

## **OPG Restarts 535 MW Lennox Oil-and-Gas-fired Unit 1 in Ontario by February 6**

Reuters, 13:45 February 6, 2009

## **Update: OPG Restarts 494 MW Lambton Coal-fired Unit 2 in Ontario by February 9**

Ontario Power Generation (OPG) shut the unit in August.

Reuters, 09:40 February 9, 2009

## **Update: TransAlta Restarts 399 MW Sundance Coal-fired Unit 2 in Alberta February 8**

The unit shut on February 4.

Bloomberg News, 09:18 February 9, 2009

## **Update: TVA Submits Plan to Dredge River after December Coal Ash Spill at 1,456 MW Kingston Coal-fired Power Plant in Tennessee**

The Tennessee Valley Authority (TVA) filed plans with state regulators to remove coal ash from the river, dry the material at its Kingston coal-fired power plant, and store it temporarily. The plans come some six weeks after a retention wall collapsed at Kingston, spilling about 1.1 billion gallons of sludge. TVA has estimated that up to 2.3 million cubic yards of coal ash leaked into the river.

<http://ap.thecabin.net/pstories/us/20090206/385465312.shtml>

## **ITC Holdings Plans 3,000-Mile, 765 kV Green Power Express Transmission Lines from Northwest-to-Midwest U.S.**

ITC Holdings Corp. announced plans to develop the "Green Power Express," a network of high-voltage transmission lines from the U.S. Northwest to Midwest. The lines would link wind-rich areas in the Dakotas, Minnesota and Iowa to Midwest population hubs, including Illinois, Wisconsin, and Minnesota. The project would facilitate the movement of 12,000 MW of power.

<http://investor.itc-holdings.com/releasedetail.cfm?ReleaseID=364150>

## **Study Says Eastern U.S. Needs Significant Transmission Investments to Boost Wind Power**

The Eastern Interconnection would require 15,000 miles of new extra-high voltage transmission lines—representing more than \$80 billion in new transmission infrastructure—to obtain 20 percent of its electricity from wind generation, according to the Joint Coordinated System Plan (JCSP). The study examined transmission and generation possibilities between 2008 and 2024. The JSCP, the first step of a transmission and generation system expansion analysis of most of the Eastern Connection, was jointly performed by the Midwest ISO, the Southwest Power Pool, PJM Interconnection, the Tennessee Valley Authority, Mid-Continent Area Power Pool, and participants within SERC Reliability Corporation.

[http://www.midwestiso.org/publish/Document/20b78d\\_11ef44fc9c0\\_-7c4b0a48324a/2009-02-09%20JCSP%20Study%20Quantifies%20Cost%20of%20Delivering%20Wind%20NR.pdf?action=download&property=Attachment](http://www.midwestiso.org/publish/Document/20b78d_11ef44fc9c0_-7c4b0a48324a/2009-02-09%20JCSP%20Study%20Quantifies%20Cost%20of%20Delivering%20Wind%20NR.pdf?action=download&property=Attachment)

## ***Petroleum***

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### **Federal Regulators Launch Investigation into Natural Gas Release at BP's Prudhoe Bay Oilfield in Alaska**

Federal and state regulators, congressional offices, BP and Alyeska Pipeline Service Co. are investigating a January 15 release of natural gas at BP's Prudhoe Bay oil field, a federal regulator said last week. The incident occurred as BP workers cleaned an Alyeska-operated 34-inch pipeline, under preparation for decommission. The cleaning device, or "pig," got stuck, and workers were unable to pinpoint its exact location. A large amount of gas bypassed the pig and inundated a nearby pump station, causing the station's pumps to shut. The release could have triggered a fire or explosion, a federal regulator said. That, in turn, could have threatened the site's 63 workers and led to "an extended shutdown" of the associated oilfields, according to the official.

<http://www.adn.com/news/alaska/story/682090.html>

### **Citgo Postpones FCC Restart at 429,500 b/d Lake Charles, Louisiana Refinery**

Citgo postponed the restart of a gasoline-making fluidic catalytic cracking unit (FCC)—the unit's second such delay—after an overhaul at its 429,500 b/d Lake Charles, Louisiana refinery, sources familiar with the facility's operations said on February 8. Operators originally expected to restart the unit by February 4; that restart has now been delayed twice. Minor issues caused the first delay. It was unclear from a news source what caused the second postponement, or when the unit might begin operations.

Reuters, 19:32 February 8, 2009

### **Caterpillar Inc. Holding Tank Breaks, Spills 65,000 Gallons of Oil Sludge in Illinois February 8**

A Caterpillar Inc.-owned holding tank broke, spilling 65,000 gallons of hydraulic and cutting oil in Illinois on February 8. The incident contaminated a 3-mile stretch of the Des Plaines River, officials said.

<http://www.google.com/hostednews/ap/article/ALeqM5hg1JfI4NN2TrSGFiZTtFY9nkrupQD967RRNO0>

### **Update: Valero, Workers Reach Deal at 289,000 b/d Port Arthur, Texas Refinery**

Valero said it reached a tentative deal with the Steelworkers Union at its Port Arthur, Texas refinery, about one week after national talks averted a broader refinery strike.

<http://www.bloomberg.com/apps/news?pid=20601087&sid=abTvlxwIObP8&refer=home>

### **OPEC Delays 35 Oil Drilling Projects on Lagging Crude Prices—Secretary General**

OPEC nations have delayed a combined 35 oil drilling projects out of a total 150, the group's Secretary General said today. He was unsure how much the losses would affect crude output, but did say that OPEC would not boost production by 5 million b/d by 2012, as previously planned. The projects will remain delayed "until the (oil) price recovers," he said. OPEC has slashed output in recent months, seeking to prop up lagging oil prices. Its 11 quota-bound nations have a target production of 24.85 million b/d—a 4.2 million b/d cut from previous schedules—and the Secretary General said the group was operating at 80 percent compliance. It would need to reduce output by an additional 897,000 b/d to reach 100 percent compliance, he said.

[http://www.rigzone.com/news/article.asp?a\\_id=72681](http://www.rigzone.com/news/article.asp?a_id=72681)

<http://www.platts.com/Oil/News/8343141.xml?p=Oil/News&sub=Oil>

### **Iraq Plans 380,000-400,000 b/d in New Oil Production for 2009-2010**

Iraq expects to drill 100-110 new wells and add 380,000-400,000 b/d of new production in 2009-2010, according to an "Accelerated Plan" given to the oil minister. The plan comes as Iraq works to reverse expectations of a 100,000 b/d production decline from its southern fields.

<http://www.platts.com/Oil/News/8342796.xml?p=Oil/News&sub=Oil>

### **Iraq Plans 1.5 Million b/d Offshore Gulf Oil Terminal**

Iraq plans to build a 1.5 million b/d floating oil terminal in the Gulf, the nation's Oil Minister said over the weekend. The announcement comes as the nation plans to more than double its oil output by 2018.

Reuters, 07:23 February 7, 2009

## ***Natural Gas***

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Nothing to report.

## ***Other News***

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Nothing to report.

## ***Energy Prices***

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<b>U.S. Oil and Gas Prices</b>			
February 9, 2009			
	<b>Today</b>	<b>Week Ago</b>	<b>Year Ago</b>
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	40.36	41.35	91.47
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.67	4.77	7.99

Source: Reuters

## Energy Notes

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### **Winds Knock Out Power to 10,000 CPS Energy Customers in Texas February 8**

<http://www.ksat.com/news/18671645/detail.html>

### **Finavera Renewables Files with FERC to Surrender License for Planned Makah Bay Wave Energy Pilot Project in Washington and Humboldt County Wave Energy Project in California—Company Cites Desire to Focus on Wind Energy Portfolio**

MKW, 17:20 February 6, 2009

### **Alleged Copper Thief Electrocuted, Killed in Ontario February 7**

<http://www.canadaeast.com/rss/article/565516>

### **Williams Plans Blue Bridge Natural Gas Pipeline in Washington State**

[http://seattletimes.nwsources.com/html/localnews/2008722910\\_pipeline09m.html](http://seattletimes.nwsources.com/html/localnews/2008722910_pipeline09m.html)

### **FERC Okays Kentucky-based Company Plans for 13 Bcf Natural Gas Storage Facility in Kentucky**

<http://intelligencepress.com/>

### **Storm Shuts Welch CO2 Gas Processing Facility in Texas February 8-9**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=119896>

### **Storm Knocks Out Tarzan Booster Station at Martin Gas Plant in Texas February 8-9**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=119897>

### **Update: Lignol Energy, Suncor Abandon Plans for 3 MMGal/Yr. Cellulosic Ethanol Plant in Colorado**

[http://news.prnewswire.com/DisplayReleaseContent.aspx?ACCT=ind\\_focus.story&STORY=/www/story/02-09-2009/0004968481&EDATE=](http://news.prnewswire.com/DisplayReleaseContent.aspx?ACCT=ind_focus.story&STORY=/www/story/02-09-2009/0004968481&EDATE=)

### **Update: Nigerian Oil Union Says it Will not Strike on Monday on Safety Concerns as Talks Continue**

Reuters, 10:45 February 8, 2009

[http://www.rigzone.com/news/article.asp?a\\_id=72684](http://www.rigzone.com/news/article.asp?a_id=72684)

### **Rebel Group MEND Attacks Shell-Operated Gas Plant in Nigeria February 7**

Reuters, 10:37 February 7, 2009

## Links

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***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](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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