



# ENERGY ASSURANCE DAILY

Tuesday Evening, February 10, 2009

## Electricity

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### **Update: More than 75,000 Customers Remain Without Power in Arkansas, Kentucky and Missouri February 10**

An estimated 76,282 customers remained without power in Arkansas, Kentucky and Missouri on February 10, two weeks after ice storms cut electricity to about 1.7 million U.S. customers. Included in the outages were about 42,169 Kentucky customers, approximately 26,613 Arkansas customers, and an estimated 7,500 Missouri customers. Other impacted states—Ohio, Indiana, West Virginia, Oklahoma, Illinois, Virginia, Tennessee and Pennsylvania—had restored power to most affected customers by yesterday.

Sources:

Arkansas Electric Cooperatives: <http://www.aecc.com/files/pdf/newsrelease/2009/021009a.pdf>

Entergy Arkansas: <http://www.entropy-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://psc.ky.gov/agencies/psc/press/022009/0209\\_r01.PDF](http://psc.ky.gov/agencies/psc/press/022009/0209_r01.PDF)

Missouri Electric Cooperatives: <http://sema.dps.mo.gov/SitReps/2009/SITREP%2002102009%2011am.pdf>

Missouri Public Utilities: <http://sema.dps.mo.gov/SitReps/2009/SITREP%2002102009%2011am.pdf>

### **Exelon's 1,116 MW Peach Bottom Nuke Unit 2 in Pennsylvania Reduced to 89 Percent by February 10**

The Nuclear Regulatory Commission reported that on the morning of February 9 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/>

### **Luminant's 793 MW Martin Lake Coal-fired Unit 3 in Texas Shut, Restarted February 9**

The unit tripped due to the loss of both boiler feed pumps, the company said in a filing with state regulators.

Operators restarted the unit at 11:07 AM, local time.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=119912>

### **Update: TVA's 1,155 MW Browns Ferry Nuke Unit 1 in Alabama at Full Power by February 10**

The Tennessee Valley Authority (TVA) slowed the unit to 56 percent power to repair a variable frequency drive, a company spokesman said previously. The Nuclear Regulatory Commission reported that on the morning of February 9 the unit was operating at 56 percent.

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/>

### **Update: Entergy's 858 MW Arkansas Nuclear Unit 2 in Arkansas Ramped Up to 98 Percent by February 10**

Entergy shut the unit on February 7 to repair a turbine steam leak, an earlier source reported. The Nuclear Regulatory Commission reported that on the morning of February 9 the unit was operating at 60 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/>

### **Update: Entergy Restarts 836 MW Arkansas Nuclear Unit 1 in Arkansas by February 10**

Entergy restarted the unit by this morning, February 10, after a turbine building fire forced it offline by February 7. The unit was operating at 2 percent power early today, according to a report from the Nuclear Regulatory Commission.

Reuters, 08:22 February 10, 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/>

### **Update: FPL's 693 MW Turkey Point Nuke Unit 4 in Florida Ramped Up to 90 Percent by February 10**

Operators slowed the unit on February 7 after a faulty valve caused a heater drain pump to shut, a company spokesman said. Workers repaired the valve, and the company expected to perform tests and return the unit to full output. The Nuclear Regulatory Commission reported that on the morning of February 9 the unit was operating at 60 percent.

Bloomberg News, 09:24 February 10, 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: Exelon to Replace Fire-Damaged Transformer at 641 MW Oyster Creek Nuclear Power Plant in New Jersey**

Exelon will replace, and not repair, a fire-damaged transformer at its 641 MW Oyster Creek nuclear power plant in New Jersey, the company said. The fire occurred on February 1. A spokesman did not know how long the work would take, but a source noted that the company does not have a spare transformer on location. The unit was operating at 60 percent power this morning, according to a report from the Nuclear Regulatory Commission.

Bloomberg News, 15:10 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/>

### **Unusual Event at Constellation's 517 MW Ginna Nuclear Power Station in New York February 5**

The "unusual event" occurred on February 5 due to the "loss of main control board annunciators," according to a report from the Nuclear Regulatory Commission (NRC). Workers were performing maintenance at the time of the incident, but the cause was unknown, it said. The event ended early on February 6.

<http://www.reuters.com/article/marketsNews/idUSN0643489420090206>

### **Update: Calpine's 561 MW Los Medanos Energy Center Gas-fired Unit in California Ramps up by February 9**

According to the California Independent System Operator, the unit ramped up from an unplanned curtailment of 297 MW.

<http://www.caiso.com/unitstatus/data/unitstatus200902091515.html>

### **Update: NV Energy Delays Plans for 1,500 MW Coal-fired Ely Energy Center in Nevada**

Citing environmental and economic uncertainties, NV Energy postponed plans to build the 1,500 MW coal-fired Ely Energy Center in Nevada, the company said in a press release. It will not pursue the project until technologies to capture and store greenhouse gasses are commercially feasible; that, it said, is not likely before the end of the next decade. Despite the decision, the company still plans to continue with the construction of a 250-mile transmission line, linking northern and southern Nevada. That line had been proposed as part of NV Energy's plans for the Ely Energy Center. Now, it will transport electricity from renewables and other energy production facilities, according to the release.

<http://investors.nvenergy.com/phoenix.zhtml?c=117698&p=irol-newsArticle&ID=1254617&highlight=>

### **PSE&G Plans 120 MW of Solar Power Installations in New Jersey**

Public Service Electric and Gas Company (PSE&G) filed plans with state regulators to install 120 MW of solar power in New Jersey, the company said in a press release. The project includes 40 MW of installations on utility poles and street lights, 43 MW of capacity at municipal and public school district locations, 35 MW of ground-or-roof-mounted systems at PSE&G-owned facilities, and 2 MW of roof-mounted installations at affordable housing communities.

[http://www.pseg.com/media\\_center/pressreleases/articles/2009/2009-02-10.jsp](http://www.pseg.com/media_center/pressreleases/articles/2009/2009-02-10.jsp)

## **Energy Efficiency Could Reduce U.S. Electricity Use by up to 30 Percent—Rocky Mountain Institute**

By enhancing energy efficiency, the United States could reduce electricity use by up to 30 percent, according to a report released by the Rocky Mountain Institute (RMI), titled “Assessing the Electric Productivity Gap and the U.S. Efficiency Opportunity.” Electric productivity—the total gross domestic product generated per each kilowatt-hour consumed—varies dramatically from state-to-state, the study found. If less-efficient states achieved the same productivity as the top 10 performing states, the United States would save enough power to displace more than 60 percent of the nation’s coal-fired generation.

[http://news.prnewswire.com/DisplayReleaseContent.aspx?ACCT=ind\\_focus.story&STORY=/www/story/02-09-2009/0004968825&EDATE=](http://news.prnewswire.com/DisplayReleaseContent.aspx?ACCT=ind_focus.story&STORY=/www/story/02-09-2009/0004968825&EDATE=)

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## **Petroleum**

### **Some Missouri Gas Stations Report Fuel Shortages as Supplier Files for Bankruptcy**

Missouri gas stations are rushing to procure new gasoline supplies, and some are running out of fuel, after supplier Crescent Oil Co. filed for bankruptcy protection on February 7. The Kansas-based company supplies fuel to 340 stations across six states. The affected stations distribute Conoco, Phillips 66, Shell and Valero gasoline.

<http://www.kansascity.com/105/story/1026294.html>

### **U.S. Oil Refining Capacity Rises for Sixth Consecutive Year, to a Total 17.610 Million b/d at Start of 2009—EIA**

U.S. crude refining capacity rose 16,000 b/d, or 0.1 percent, during 2008, the EIA said. The 17.610 million b/d total marked the highest such figure since 1982, according to a news source.

Reuters, 20:58 February 9, 2009

### **Update: Oil Production at Aging Mexican Fields to Dip 1.1 Million b/d by 2012 and 1.8 Million b/d by 2017—Pemex**

Oil production from Mexico’s Cantarell and other aging fields will drop by 1.1 million b/d by 2012, and 1.8 million b/d by 2017, the state-oil company Pemex’s chief executive said today. To counter the decline, Pemex expects to invest more than \$60 billion through 2012 to maintain output at current fields, and to boost production at alternate locations. Included in those alternate sites is the geologically-difficult Chicontepec area. The Pemex official’s comments came at an annual, week-long conference hosted by the Cambridge Energy Research Associates (CERA).

Reuters, 12:06 February 10, 2009  
<http://www.forbes.com/feeds/ap/2009/02/09/ap6026655.html>

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## **Natural Gas**

Nothing to report.

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## **Other News**

### **GTL Resources PLC's Illinois River Energy Shuts 100 MMGal/Yr Ethanol Plant in Illinois on Structural Damage**

Illinois River Energy LLC, a GTL Resources PLC subsidiary, shut its 100 million gallon year (MMGal/Yr.) ethanol production plant in Illinois to determine the extent of structural damage in its corn receiving area, GTL said in a press release. The company’s design and building contractor is investigating recently-discovered cracks in the facility’s concrete structure.

<http://www.gtlresources.com/documents/GTLPressReleaseFeb102009.pdf>

### **Diamond Head Renewable Resources Plans Ethanol Plant in Hawaii**

The plant would convert algae, waste and biomass into ethanol. If built, it would be the first ethanol production facility in Hawaii. The Hawaii State Legislature is considering a proposal to issue the company \$144 million in special purpose revenue bonds. It was not immediately clear how much ethanol the facility would produce.

<http://ethanol-news.newslib.com/story/6938-31135/>

[http://www.capitol.hawaii.gov/session2009/lists/measure\\_indiv.aspx?billtype=HB&billnumber=1336](http://www.capitol.hawaii.gov/session2009/lists/measure_indiv.aspx?billtype=HB&billnumber=1336)

## U.S. Postal Regulator Says Nation Should Convert USPS Vehicles to Run on Electricity

If the United States Postal Service (USPS) converted its 142,000 standard delivery trucks to run on electricity, the nation could save up to 68 millions gallons of gasoline a year, according to an Op-Ed from a member of the United States Postal Regulatory Commission. The Op-Ed urged the government to allot some of its energy-related stimulus funds to helping the USPS transform its fleet.

[http://www.nytimes.com/2009/02/10/opinion/10goldway.html?\\_r=1](http://www.nytimes.com/2009/02/10/opinion/10goldway.html?_r=1)

## Energy Prices

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U.S. Oil and Gas Prices			
February 10, 2009			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	39.06	40.61	91.47
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.76	4.48	7.99

Source: Reuters

## Energy Notes

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### Rain, Winds and Hail Cut Power to about 16,000 SCE Customers in California February 9

[http://www.ktvn.com/Global/story.asp?S=9815371&nav=menu549\\_2](http://www.ktvn.com/Global/story.asp?S=9815371&nav=menu549_2)

### OCC Schedules March Hearing for OG&E Plan to Bury Power Lines, Trim Trees and Help Ease Weather-Caused Power Outages in Oklahoma

[http://www.tulsaworld.com/business/article.aspx?subjectid=46&articleid=20090210\\_46\\_E2\\_Haigsh627543](http://www.tulsaworld.com/business/article.aspx?subjectid=46&articleid=20090210_46_E2_Haigsh627543)

### Los Angeles, California School District Announces Plan to Install 50 MW of Solar Panels on School and Other District Buildings by 2012

<http://www.latimes.com/news/local/la-me-green10-2009feb10.0.4240147.story>

### Update: Output Remains Halved after December Equipment Failure at TransAlta's 410 MW Sundance Coal-fired Unit 4 in Alberta—Company Expects to Resume Normal Output in Third Week of February

Bloomberg News, 10:38 February 10, 2009

### Renewable Energy Systems Americas Plans 99 MW Talbot Wind Farm, 99 MW Greenwich Wind Farm in Ontario

RLPC, 10:43 February 10, 2009

### Apparent Collision between Petroleum Products Tanker and Container Vessel Offshore Dubai February 10—Fire Extinguished, no Impact to Cargo Movements or Oil Spill Reported

<http://www.reuters.com/article/latestCrisis/idUSLA239233>

[http://www.gulfnews.com/nation/Police\\_and\\_The\\_Courts/10284149.html](http://www.gulfnews.com/nation/Police_and_The_Courts/10284149.html)

Bloomberg News, 09:46 February 10, 2009

Reuters, 05:59 February 10, 2009

**Update: Oil Workers End Two-Day Protest at Total Offices in Nigeria on Violence Concerns February 10—no Impact to Production, Union Official Says**

<http://www.platts.com/Oil/News/8347116.xml?p=Oil/News&sub=Oil>  
<http://uk.reuters.com/article/oilRpt/idUKLA65810720090210>

Reuters, 06:26 February 10, 2009

**Iraqi Crude Exports Through Turkey Delayed by as Much as Five Days on Payment Issues—Industry Sources**

Reuters, 09:48 February 10, 2009

**Valve Malfunction at Thompson Compressor Station in Texas February 9**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=119954>

**Unit Failure at Dollarhide Gas Plant in Texas February 9**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=119942>

**Unit Shutdown on Compressor Alarm at Tilden Gas Plant in Texas February 9  
Company Sees Likely Cause in Weather-Related Power Surge**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=119944>

**Fire Forces Shut Greenhunter Biofuels' 105 MMGal/Yr. Biodiesel Plant in Texas February 7—Company Sees Minimal Damage, Expects Outage to Last Just Three Days**

Reuters, 14:17 February 9, 2009

Bloomberg News, 17:06 February 9, 2009

BSW, 13:00 February 9, 2009

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## 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](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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