



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

# ENERGY ASSURANCE DAILY

Wednesday Evening, August 05, 2009

## Electricity

### Update: More than 21,000 Customers Remain Without Electricity in Indiana, Illinois, Kentucky and Missouri August 5

Storms swept through the area and disrupted power to over 175,000 customers at its peak August 4. Areas in Indiana area were facing a flood risk as some areas experienced three inches of rain in one hour. As of 3:30 PM EDT, about 21,000 customers remained without power.

Customer Power Outages August 4-5, 2009			
Electric Utility	State	Peak	Latest Reported
Indianapolis Power & Light	IN	55,000	13,400
Duke Energy	IN	61,650	4,545
Ameren	IL	29,000	453
Louisville Gas & Electric	KY	20,000	2,000
Duke Energy	KY	4,000	44
Kentucky Utilities	KY	500	500
Ameren	MO	5,000	194
<b>TOTAL*</b>		<b>175,150</b>	<b>21,136</b>

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

Sources:

<http://www.iplpower.com/ipl/index?page=IPLGeneral&Menu=04080000&DocID=0203917431b9011a564c24930071c8>

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

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

<https://www2.ameren.com/outagemap/default.aspx?state=IL>

<https://www2.ameren.com/outagemap/default.aspx?state=MO>

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

<http://www.wibc.com/news/Story.aspx?ID=1122385>

<http://www.indystar.com/article/20090805/NEWS/908050336/Heavy+storms+pound+area+with+fire++rain>

<http://www.theindychannel.com/weather/20287436/detail.html>

<http://www.bnd.com/336/story/871067.html>

<http://www.semissourian.com/story/1559813.html>

<http://www.wfpl.org/2009/08/05/wednesday-update/>

<http://www.tradingmarkets.com/.site/news/Stock%20News/2460851/>

### Update: Exelon's 1,154 MW Braidwood Nuke Unit 2 in Illinois Ramped Up to 16 Percent by August 5

The unit automatically tripped from full power late July 30. The Nuclear Regulatory Commission reported that on the morning of August 4 the unit was not operating.

Reuters, 07:25 August 5, 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: NRG's 864 MW Limestone Coal-fired Unit 2 in Texas Returns to Service August 4

The unit was shut August 1 for repairs on the air preheater gearbox.

<http://www11.tceq.state.tx.us/oce/eei/index.cfm?fuseaction=main.getDetails&target=127674>

## **Update: Reliant's 320 MW Etiwanda Gas-fired Unit 4 in California Returns to Service by August 4**

According to the California Independent System Operator, the unit reported a return from an unplanned outage.  
<http://www.caiso.com/unitstatus/data/unitstatus200908041515.html>

## ***Petroleum***

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### **Fire and Series of Explosions at Fuel Storage Facility in Michigan August 4**

A fire sent exploding 50-gallon drums containing oil into the air, and residents were evacuated for several miles around the facility. Some 15 explosions were heard during the hour following the first detonation. Because of the danger to two storage tanks containing 40,000 gallons of gasoline and diesel fuel, firefighters decided to allow the fire to burn itself out.

<http://www.google.com/hostednews/ap/article/ALeqM5hAmBWKp1wFubBQ53LLg9K8IV5XigD99SG3VG0>

### **Update: Petro-Canada Dispatches Rail Cars to Alleviate Gasoline Shortages in Canada**

A storm-related power outage on July 18 shut units at Petro-Canada's refinery near Edmonton, Alberta, causing a shortage of fuel. More than 50 stations have run out of supply in mainly Alberta, but stations in Saskatchewan, Manitoba, and British Columbia have also been affected.

Bloomberg News, 11:30 August 5, 2009

### **Update: 70,000 b/d Coker Restarts at Valero's 186,000 b/d St. Charles, Louisiana Refinery August 5**

The coker, crude, and vacuum units were idled by a fire on June 9. The coker has been restored 50 percent. The crude unit restarted on Monday.

Reuters, 11:35 August 5, 2009

## ***Natural Gas***

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### **Explosion on Gas Platform Shuts High Island Offshore System in the Gulf of Mexico August 4**

Crew members were evacuated from gas compressor platform High Island 264 and the platform pipeline were shut. A company spokesman confirmed that the platform explosion did not damage the pipeline. The pipeline was transporting 240 to 250 MMcf/d of gas before the fire. TransCanada and ANR Pipeline were also forced to shut in 227 MMcf/d of gas production due to the explosion.

<http://ebb.starwebgas.com/ebbSTG/notices/NoticeView.asp?sPipelineCode=HIOS&sSubCategory=Critical&sNoticeId=423>

<http://www.reuters.com/article/rbssEnergyNews/idUSN0525358420090805>

Reuters, 08:32 August 5, 2009

Reuters, 09:53 August 5, 2009

Bloomberg News, 10:51 August 5, 2009

## ***Other News***

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### **President Obama Announces \$2.4 Billion Grants to Manufacture and Deploy Batteries and Electric Vehicles**

The Recovery Act will fund 48 new advanced battery and electric drive components and vehicle deployment projects in over 20 states.

<http://www.energy.gov/news2009/7749.htm>

### **Oregon Biodiesel Blend Mandate in Nine Counties Begins August 4**

Service stations are now required to include a two percent biodiesel blend in Multnomah, Washington, Clackamas, Marion, Clatsop, Columbia, Tillamook, Yamhill and Polk counties. On October 1, the two percent blend will be required statewide.

[http://www.oregonlive.com/business/index.ssf/2009/08/biodiesel\\_blend\\_in\\_diesel\\_star.html](http://www.oregonlive.com/business/index.ssf/2009/08/biodiesel_blend_in_diesel_star.html)

## Energy Prices

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U.S. Oil and Gas Prices August 5, 2009			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	71.10	63.34	120.88
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.53	3.49	9.20

Source: Reuters

## Energy Notes

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**Update: Colorado State University Revises 2009 Atlantic Hurricane Forecast to Include 10 Named Storms and Four Hurricanes, Slightly Less Storms than Before**

[http://www.rigzone.com/news/article.asp?a\\_id=78935](http://www.rigzone.com/news/article.asp?a_id=78935)

**Equipment Failure at 160 MMcf/d Goldsmith Gas Plant in Texas August 4**

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=127705>

**Flaring Reported at Andrews Booster Station in Texas August 3**

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=127657>

**Westar Energy Applies for Federal Funds for Smart Grid Projects**

[http://cjonline.com/news/business/2009-08-04/westar\\_seeks\\_smart\\_grid\\_funds](http://cjonline.com/news/business/2009-08-04/westar_seeks_smart_grid_funds)

**CenterPoint Energy Applies for Federal Funds for Smart Grid Projects**

[http://news.prnewswire.com/DisplayReleaseContent.aspx?ACCT=ind\\_focus.story&STORY=/www/story/08-05-2009/0005072420&EDATE=](http://news.prnewswire.com/DisplayReleaseContent.aspx?ACCT=ind_focus.story&STORY=/www/story/08-05-2009/0005072420&EDATE=)

**NSTAR Applies for Federal Funds for Smart Grid Projects**

<http://finance.yahoo.com/news/NSTAR-Applies-for-Stimulus-bw-4001548713.html?x=0&.v=1>

**Sunoco Anticipates Commercial Operation of Recently Acquired Northeast Biofuels Ethanol Plant in New York by April 1, 2010**

<http://www.valleynewsonline.com/viewnews.php?newsid=86441&id=1>

**Average U.S. Rig County Rise Expected to Increase to 1,120 in 2010 from 1,026 in 2009 – Baker Hughes**

<http://online.wsj.com/article/BT-CO-20090805-710544.html>

**Scottish Enterprise Forecasts Offshore Crude Production to Increase from 21 MMb/d in 208 to 27 MMb/d in 2008 and Gas Production to Increase from 24,861 Bcf in 2008 to 71,086 Bcf in 2013**

[http://www.pennenergy.com/index/petroleum/offshore/display/1502524151/s-articles/s-offshore/s-regional-reports/s-north-sea-northwest-europe/s-new-forecast\\_shows/s-QP129867/s-cmpid=EnlPerspectivesAugust52009.html](http://www.pennenergy.com/index/petroleum/offshore/display/1502524151/s-articles/s-offshore/s-regional-reports/s-north-sea-northwest-europe/s-new-forecast_shows/s-QP129867/s-cmpid=EnlPerspectivesAugust52009.html)

## 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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