



# ENERGY ASSURANCE DAILY

Tuesday Evening, July 12, 2011

## Major Developments

### Update: Strong Thunderstorms and Winds Continue to Batter U.S. Midwest, Leaving Nearly 1.5 Million in the Dark July 11-12

Storms knocked out power to nearly 1.5 million customers across the U.S. Midwest over the past two days. Over half a million remain in the dark as of latest reports. Illinois and Michigan were particularly hard-hit over the past 24 hours. In the Chicago, Illinois metropolitan area, Commonwealth Edison (ComEd) confirmed that a record 868,000 customers lost power during the peak of yesterday's storms, which the company called the worst in a decade. In addition to knocking out power to hundreds of thousands in the state, one Michigan man was killed when a falling tree hit his garage.

U.S. Midwest Customer Power Outages			
July 11-12			
Electric Utility	State	Peak	Latest Reported
ComEd	IL	868,000	312,000
Ameren	IL	6,954	6,954
Consumers Energy	MI	132,000	24,000
DTE Energy	MI	82,000	40,000
Indiana Michigan Power	MI/IN	67,000	46,000
Holland Board of Public Works	MI	5,000	5,000
Midwest Energy Cooperative	MI/IN/OH	15,000	3,053
Dayton Power & Light	OH	60,000	22,000
AEP Ohio	OH	55,000	4,000
Alliant	IA/MN/WI	50,000	12,640
Iowa Association of Electric Cooperatives	IA	7,900	1,723
We Energies	WI	40,000	116
OGE	OK/AR	17,472	17,472
Appalachian Power	WV	14,800	5,681
Allegheny Energy	WV	11,900	5,213
West Penn Power	PA	13,000	8,000
Duquesne Light	PA	12,000	110
<b>TOTAL*</b>		<b>1,458,026</b>	<b>513,962</b>

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

Sources:

[http://www.reuters.com/article/2011/07/12/us-weather-](http://www.reuters.com/article/2011/07/12/us-weather-idUSTRE76A3NP20110712?feedType=RSS&feedName=domesticNews)

[idUSTRE76A3NP20110712?feedType=RSS&feedName=domesticNews](http://www.reuters.com/article/2011/07/12/us-weather-idUSTRE76A3NP20110712?feedType=RSS&feedName=domesticNews)

<http://wtvbam.com/news/articles/2011/jul/12/storms-take-the-life-of-a-cutlerville-father/>

ComEd: <https://twitter.com/#!/ComEd/status/90868734855610368> ,

<https://twitter.com/#!/ComEd/status/90800730721624064>

Ameren: <http://www.ameren.com/sites/aiu/OutageCenter/Pages/default.aspx>

Consumers Energy: <http://www.consumersenergy.com/News.aspx?id=4753&year=2011>

DTE Energy: <http://www.detnews.com/article/20110712/METRO/107120383/90K-without-power-today-following-Monday-storms>

Indiana Michigan Power: [http://twitter.com/#!/IN\\_MI\\_Power/status/90611281807147008](http://twitter.com/#!/IN_MI_Power/status/90611281807147008) ,

<https://www.indianamichiganpower.com/outages/details.aspx?stormName=July%2011%20Thunderstorm>

Holland Board of Public Works: <http://www.hollandbpw.com/SiteCollectionDocuments/News%20Releases/07-11-11%20Storm%20damage.pdf>

Midwest Energy Cooperative: <http://ebill.teammidwest.com/oms/outageMap> ,  
[http://www.mlive.com/news/kalamazoo/index.ssf/2011/07/6300\\_midwest\\_energy\\_customers.html](http://www.mlive.com/news/kalamazoo/index.ssf/2011/07/6300_midwest_energy_customers.html)  
Dayton Power & Light: <http://www.dpandl.com/customer-service/outage-center/outage-map/> ,  
<http://www.daytondailynews.com/news/dayton-news/dpl-has-30-000-customers-still-without-power-after-storms-1204481.html>  
AEP Ohio: <https://www.aepohio.com/outages/details.aspx?stormName=July%2011%20Ohio%20Storm>  
Alliant: <http://www.alliantenergy.com/UtilityServices/StormOutageCenter/ElectricalOutageSummary/index.htm>  
We Energies: <http://www.todaystmj4.com/news/local/125339343.html> , <http://www.we-energies.com/outagemapext/>  
Appalachian Power: <https://appalachianpower.com/outages/> , <http://www.herald-dispatch.com/news/briefs/x425864528/Thousands-remains-with-power-in-W-Va-after-storms>  
Allegheny Energy: <http://www.herald-dispatch.com/news/briefs/x425864528/Thousands-remains-with-power-in-W-Va-after-storms> , [https://app.alleghenyenergy.com/outagestatus/Map/AE\\_MAP1.html](https://app.alleghenyenergy.com/outagestatus/Map/AE_MAP1.html)  
West Penn Power: [http://www.pittsburghlive.com/x/pittsburghtrib/news/pittsburgh/s\\_746292.html](http://www.pittsburghlive.com/x/pittsburghtrib/news/pittsburgh/s_746292.html) ,  
<http://www.wtae.com/r/28513880/detail.html>  
Duquesne Light: <http://twitter.com/#!/DuquesneLight/status/90881137760677888> ,  
[http://www.pittsburghlive.com/x/pittsburghtrib/news/pittsburgh/s\\_746374.html](http://www.pittsburghlive.com/x/pittsburghtrib/news/pittsburgh/s_746374.html)  
Iowa Association of Electric Cooperatives: <http://outages.iowarec.org/> ,  
<http://www.vintoniowa.org/articles/News/article104030.html> ,  
<http://www.timesrepublican.com/page/content.detail/id/541264/Approximately-13-700-still-without-power.html?nav=5005>  
OGE: <http://public.oge.com/systemwatch/SystemWatch.swf?startMapID=1>

## **Electricity**

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### **Reliant's 215 MW Mandalay Gas-Fired Unit 1 in California Returns to Service by July 11**

According to the California Independent System Operator, the unit reported a return from an unplanned outage by July 11.

<http://www.caiso.com/unitstatus/data/unitstatus201107111515.html>

### **Folium Energy Plans 150 MW of Distributed Solar Power Generation at 710 Sites for California Utilities**

The 710 facilities are being built in 35 different counties across California as part of the state's Power Purchase Agreement (PPA) for Small Renewable Generation "Feed-in Tariffs" program. Each installation will be able to generate at least 100 kW, but may not exceed 1.5 MW. Installations will begin in the fourth quarter of 2011 and will be completed within one year.

<http://pdf.reuters.com/htmlnews/8knews.asp?i=43059c3bf0e37541&u=urn:newsml:reuters.com:20110712:nBw125286a>

## **Petroleum**

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### **Update: Operators Restarting Reformer at ExxonMobil's 344,500 b/d Beaumont, Texas Refinery July 12**

The company shut the unit for unplanned work last week. According to previous reports, the facility experienced an electrical malfunction in a process unit last week, impacting production. Reports also indicated that a xylene release started a fire at the refinery July 5.

Reuters, 12:02 July 12, 2011

### **Update: Saudi Arabia Produced Nearly 9.5 Million b/d of Crude in June, an Increase of 467,000 b/d Compared to May**

DJN, 11:58 July 12, 2011

## **Natural Gas**

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Nothing to report.

## Other News

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### Update: USCG Closes Additional 160-Mile Portion of the Missouri River Upstream of Glasgow, Missouri July 11

The U.S. Coast Guard (USCG) has now closed the Missouri River to all vessel traffic from mile marker 226.3, near the Route 240 bridge in Glasgow, Missouri, to mile marker 811, near Gavin's Point Dam in Yankton, South Dakota. The Big Sioux River closure is still in effect for all vessel traffic, and is between the Missouri River confluence and the Military Road Bridge in north Sioux City, South Dakota, due to high water.

<http://www.d8externalaffairs.com/go/doc/425/455751/>

<http://www.kansascity.com/2011/07/11/3008396/in-brief-missouri-river-traffic.html>

### Miner Fatally Injured at Martin County Coal's Voyager #7 Coal Mine in Kentucky

According to reports, the motorman was hauling supplies at the time of the accident.

Reuters, 12:36 July 12, 2011

## Energy Prices

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U.S. Oil and Gas Prices			
July 12, 2011			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b>			
<b>West Texas Intermediate U.S.</b>	96.41	96.90	75.37
\$/Barrel			
<b>NATURAL GAS</b>			
<b>Henry Hub</b>	4.35	4.33	4.36
\$/Million Btu			

Source: Reuters

## Energy Notes

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### BlueChip Energy Plans 40 MW Sorrento Solar Farm – Facility Will Be Florida's Largest Solar Farm

<http://www.bluechipenergy.org/07-01-11.html>

### It Is Always Cheaper to Recharge an Electric Vehicle than to Refill a Conventional Gasoline-Powered Vehicle in the U.S.: Northeast Group, LLC Study

<http://www.prnewswire.com/news-releases/electric-vehicles-are-one-tenth-to-half-the-cost-to-fuel-compared-with-conventional-gas-powered-vehicles-125409878.html>

### University of Nebraska Researcher Warns TransCanada Is Underestimating the Potential for Spills along its Proposed Alberta-to-Texas Keystone XL Oil Pipeline July 11

<http://www.keloland.com/NewsDetail6162.cfm?Id=117975>

<http://green.blogs.nytimes.com/2011/07/11/transcanada-plays-down-keystone-xl-risks-researcher-says/?ref=energy-environment>

### Compressor Trips, Restarts Less than One Hour Later at ExxonMobil's 560,640 b/d Baytown, Texas Refinery July 11 – Incident Had No Impact on Production

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=156642>

### Emissions Reported from FCCU-3 at BP's 406,570 b/d Texas City, Texas Refinery July 11

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=156642>

**Update: Williams Announces FERC Approves 142,000 Dth/d Mid-Atlantic Connector Expansion Project of its Transco Pipeline July 11 – Project to Deliver Natural Gas to U.S. Mid-Atlantic by November 2012**

<http://www.b2i.us/profiles/investor/NewsPDF.asp?b=630&ID=46060&m=r1>

**Iraqi Government and Shell Agree to \$12 Billion Deal July 12 to Help Increase Iraq's Natural Gas Production from its Southern Oil Fields from 1.5 Bcf/d to Over 2.5 Bcf/d – Iraq Currently Flares Half of its Gas Production**

[http://www.rigzone.com/news/article.asp?a\\_id=108884](http://www.rigzone.com/news/article.asp?a_id=108884)

**Chesapeake Energy Plants to Invest \$1 Billion Over 10 Years in Technologies to Spur Demand for Natural Gas**

<http://www.5newsonline.com/news/sns-ap-us--chesapeakeenergytechnology,0,3436109.story>

**Fire at PECO's Bristol Road Substation in Lower Southampton, Pennsylvania Leaves 1,800 People without Power July 11**

<http://lowersouthampton.patch.com/articles/transformer-fire-knocks-out-power-to-area>

**Copper Wire Theft Knocks Out Power to “Several Thousand” Bangor Hydro Customers in Maine for Hours July 11**

<http://www.wabi.tv/news/21759/planned-power-outage-for-brookville-area>

**BNSF Clearing Rail Tracks near Brainerd, Minnesota after 20 Cars in a Loaded Coal Train Derail July 10 – Company Spokeswoman Unsure How Much Coal Spilled, But a Typical Car Carries 116 Tons of Coal**

<http://www.kttc.com/story/15058396/train-derailment-near-brainerd-ties-up-main-track>

**Fuel Tanker Truck Explodes at Blakesburg Oil Company Fuel Storage Tank Facility, Prompting Evacuation of Entire Town of Blakesburg, Iowa July 8**

<http://easterniowanewsnow.com/2011/07/08/town-evacuated-but-bigger-explosion-is-averted/>

**Operators Plan to Shut Sulfur Plant to Repair Leak at Goldsmith Gas Plant in Texas July 11 – Cause of Leak Is Unknown**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=156649>

**Emperor Field Unit Goes Down Amid High Field Pressure at Keystone Gas Plant in Texas July 11**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=156670>

## **Links**

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***This Week in Petroleum*** from the U.S. Energy Information Administration (EIA)

<http://www.eia.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

***Weekly Petroleum Status Report*** from EIA

[http://www.eia.gov/oil\\_gas/petroleum/data\\_publications/weekly\\_petroleum\\_status\\_report/wpsr.html](http://www.eia.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://www.eia.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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