



# ENERGY ASSURANCE DAILY

Thursday Evening, July 07, 2016

## Electricity

### Strong Storms Knock Out Power to Over 92,000 Customers in Kansas, Missouri July 6 – 7

Strong storms producing high winds and heavy rain knocked out power to at least 92,141 customers in Kansas, Missouri, and Kentucky on Wednesday night into Thursday. Wind gusts of up to 60 mph were reported, downing trees and powerlines. As of 3:30 p.m. EDT Thursday, 27,946 customers remained without power. Westar Energy, which reported 8,466 customer outages in Kansas, said it expects to have all power back on in and around Topeka by 10:00 p.m. CDT Thursday. The table below shows total affected customers and the latest reported outages by utility. The “Affected” column shows the total count of customers that lost power at one point or another over the course of the storm for each utility. These outages may not have occurred concurrently and are not the same as peak outages.

Kansas, Missouri Customer Power Outages			
July 6–7, 2016			
Electric Utility	State	Affected	Latest Reported
Kansas City Power and Light	KS/MO	60,000	14,370
Westar Energy	KS	8,466	2,445
Kansas City Board of Public Utilities	KS	7,321	211
Ameren Missouri	MO	13,247	10,781
Boone Electric Cooperative	MO	2,000	132
CoMo Electric Cooperative	MO	1,107	7
<b>TOTAL*</b>		<b>92,141</b>	<b>27,946</b>

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

Sources:

<http://outagemap.kcpl.com/external/default.html>

<https://twitter.com/KCPLConnect>

<http://outagemap.westarenergy.com/external/default.html>

<http://secure.bpu.com/ov/>

<http://outagemap.jpenergy.com:7575/>

<http://outagemap.wkrecc.com:1080/>

<http://apps.ameren.com/outage/OutageMap.aspx?state=MO>

<http://stormcenter.booneelectric.coop/default.html>

<https://www.facebook.com/BooneElectric>

<https://ebill.co-mo.coop/oms/outageMap>

<https://www.facebook.com/CoMoElectric/photos/a.306693695272.322663.25017173>

<http://www.kfvs12.com/story/32384118/storms-cause-power-outages-downed-trees-in-heartland>

### Update: Over 8,000 Xcel Customers in Minnesota Remain without Power July 7 after Severe Storms Hit July 5

Xcel Energy on Thursday said its crews have been working around-the-clock to restore power to more than 250,000 customers who lost service due to a severe thunderstorm Tuesday night that brought damaging high winds and torrential downpours. As of 3:30 p.m. EDT Thursday, 8,803 customers remained without power. Xcel said the damage from this storm is extensive, with hundreds of broken power poles, downed trees and power lines, and other damage to the power grid and therefore, outages from this storm will take considerable time to repair. Xcel estimates that the majority of its customers in Northwest Minnesota will have power restored by Thursday night, with the majority of customers in the metro area and in Southeast Minnesota restored by Friday evening.

<http://www.outagemap-xcelenergy.com/outagemap/?state=MN#>

[https://www.xcelenergy.com/emergency\\_notices/severe\\_weather\\_impacting\\_minnesota](https://www.xcelenergy.com/emergency_notices/severe_weather_impacting_minnesota)

## **Update: Georgia Power Reports Power Restoration Nearly Complete July 7 after Storms Hit July 6**

Georgia Power on Thursday said power restoration was nearly complete after strong storms producing high winds and lightning knocked out power to at least 60,000 customers around the Atlanta metro area on Wednesday afternoon. Winds up to 50 mph were reported, downing trees and power lines. As of 3:30 p.m. EDT Thursday, 552 customers remained without power.

[https://twitter.com/georgiapower?WT.svl=tw3&hp=rly\\_twitter](https://twitter.com/georgiapower?WT.svl=tw3&hp=rly_twitter)

[http://outagemap.georgiapower.com/external/default.html?hp=tm\\_po\\_view\\_outage\\_map](http://outagemap.georgiapower.com/external/default.html?hp=tm_po_view_outage_map)

## **Update: Entergy's 813 MW FitzPatrick Nuclear Unit in New York Restarts, Ramps Up to 20 Percent by July 7**

The unit shut from full power on June 24 due to degradation of the reactor recirculation pumps.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2016/20160627en.html>

## **Exelon's 855 MW Quad Cities Nuclear Unit 2 in Illinois Reduced to 87 Percent by July 7**

On the morning of July 6 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

## **Update: Wolf Creek's 1,165 MW Nuclear Unit 1 in Kansas at Full Power by July 7**

On the morning of July 6 the unit was operating at 68 percent, reduced from full power on July 5.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

## **Calpine's 799 MW Pastoria Gas-fired Unit in California Reduced by July 6**

The unit entered an unplanned curtailment of 254 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201607061515.html>

## **La Paloma Generating Company's 260 MW Gas-fired Unit 2 in California Shut by July 6**

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201607061515.html>

## **Electrical Transformer Explosion, Fire Reported in Washington, D.C. July 6**

A malfunctioning underground electrical transformer caused an explosion and a fire at an underground Pepco vault on Wednesday evening in Northwest Washington, D.C., according to a D.C. Fire and EMS spokesman. No injuries were reported and according to preliminary reports, an underground Pepco transformer produced the fire and smoke, officials said. The fire burned itself down after about 45 minutes and Pepco workers shut off the power.

[https://www.washingtonpost.com/local/public-safety/underground-electrical-transformer-ignites-explosions-in-nw-dc/2016/07/06/ee13bac8-43d6-11e6-bc99-7d269f8719b1\\_story.html](https://www.washingtonpost.com/local/public-safety/underground-electrical-transformer-ignites-explosions-in-nw-dc/2016/07/06/ee13bac8-43d6-11e6-bc99-7d269f8719b1_story.html)

<https://twitter.com/dcfireems>

## **Update: Alberta Oil Sands Cogeneration Output Returns to Pre-Fire Levels in Alberta Oil Sands July 7 – AESO**

The amount of power generated by cogeneration electric plants around the town of Fort McMurray in Alberta climbed to levels seen before wildfires forced oil sands producers to shut their facilities in May with the return of the Kearl and Nexen power plants over the past 24 hours. Cogeneration output around Fort McMurray was at 1,313 MWs early on Thursday versus 1,215 MW on Wednesday morning, according to the Alberta Electric System Operator (AESO). Before the wildfires started, the Fort McMurray units were producing about 1,300 MW. Reuters, 7:59 July 7, 2016

## **Southern Company Subsidiary Acquires 102 MW Lamesa Solar Facility in Texas July 7**

Southern Company subsidiary Southern Power on Thursday announced the acquisition of the 102 MW Lamesa Solar Facility in Dawson County, Texas, from RES America Developments. Construction activities are set to begin in July, and the facility, which will consist of 410,000 photovoltaic solar panels is expected to be commercially operational by mid-year 2017.

<http://www.southerncompany.com/news/2016-07-07-lamesa.cshtml>

### **Marathon Reports Coker Shut Due to Fire Outside Its 120,000 b/d Detroit, Michigan Refinery July 2**

Marathon Petroleum Corp reported the coker unit was shut due to a fire outside its Detroit, Michigan refinery July 2, according to a filing with the National Response Center.

Reuters, 4:04 July 7, 2016

### **U.S. Crude Inventories Fall by 2.2 Million Barrels July 1 – EIA**

Crude inventories fell by 2.2 million barrels in the week to July 1, the seventh consecutive weekly drawdown in crude stocks, the U.S. Energy Information Administration said on Thursday. Crude stocks at the Cushing, Oklahoma, delivery hub fell by 82,000 barrels, EIA said, and refinery utilization rates fell by 0.5 percentage points. U.S. crude imports rose last week by 808,000 b/d.

Reuters, 11:05 July 7, 2016

### **DOI Issues Final Regulations Raising Safety, Environmental Standards for Future Exploratory Drilling in U.S. Arctic Waters July 7**

The U.S. Department of the Interior's (DOI) Assistant Secretary for Land and Minerals Management, Bureau of Ocean Energy Management Director, and Bureau of Safety and Environmental Enforcement Director on Thursday announced final regulations to ensure that any future exploratory drilling activities on the U.S. Arctic Outer Continental Shelf (OCS) are conducted under the highest safety and environmental standards and subject to strong and proven operational requirements. The Arctic-specific regulations focus solely on OCS exploratory drilling operations from floating vessels within the U.S. Beaufort and Chukchi Seas. These rules require oil companies to ensure proper internal controls and planning for oil spill prevention, containment, and responses—all issues identified by previous Interior reports regarding Shell's 2012 exploration activities in the Arctic. The regulations codify and further develop current Arctic-specific operational standards to ensure that operators take the necessary steps to plan through all phases of OCS exploration in the Arctic, including mobilization, maritime transport and emergency response, and the conduct of safe drilling operations while in theater. These regulations complement the previously announced Final Well Control Rule, released in April.

<https://www.doi.gov/pressreleases/interior-issues-final-regulations-raise-safety-environmental-standards-any-future>

## **Natural Gas**

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### **Update: Small Leak Discovered at SoCalGas' 86 Bcf Aliso Canyon Natural Gas Storage Facility in California July 2**

California's Office of Emergency Services said in a hazardous materials spill update that a small leak near well SS 10 was discovered at Southern California Gas' (SoCalGas) Aliso Canyon natural gas storage facility in Northridge. The update dated July 2 said the cause of the release, which was outdoors and confined to the immediate area, is currently under investigation by crews. Officials said the leak was detected during daily inspections with the use of instruments at or near the well and that no vapor cloud has been observed. The report said the leak was caused by a failed threaded fitting on a 3-inch pipeline. Steps were underway to make repairs, but there was no estimate for the amount of gas released. In late October 2015, SoCalGas, a unit of Sempra Energy, discovered a leak at one of 115 wells at its Aliso Canyon facility. The leak was sealed on February 18, 2016.

<https://w3.calema.ca.gov/operational/mal haz.nsf/992ff124c3ac73c9882563ae00756c70/698412e1e43085b488257fe40072f99c?OpenDocument>

<http://www.bizjournals.com/losangeles/news/2016/07/06/small-leak-discovered-at-socalgas-aliso-canyon.html?ana=yahoo>

### **Regency Reports Third Party Power Outage at Its 290 MMcf/d Waha Gas Plant in Texas July 6**

Regency reported its Waha gas plant experienced a third party power outage and upon restart, the acid gas injector (AGI) oil cooling fan had to be reset. All equipment was restarted, the plant was lined out, and the AGI compressor was reset and restarted.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=236999>

## President Obama Signs PIPES Act of 2016 into Law June 22

President Obama signed into law the Protecting our Infrastructure of Pipelines and Enhancing Safety (PIPES) Act of 2016. A House amendment to S. 2276 passed earlier last month, and the final legislation went through the Senate in late June. The PIPES Act will reform the Pipeline and Hazardous Materials Safety Administration (PHMSA) to increase efficiency and transparency and update safety regulations and require pipeline operators to embrace new technologies to reach the goal of zero pipeline incidents.

<https://www.whitehouse.gov/briefing-room/signed-legislation>

[http://www.pipeline-journal.net/news/president-obama-signs-pipes-act-2016-law?utm\\_source=ptj&utm\\_medium=e-mail&utm\\_campaign=2016-07-07](http://www.pipeline-journal.net/news/president-obama-signs-pipes-act-2016-law?utm_source=ptj&utm_medium=e-mail&utm_campaign=2016-07-07)

## NGL Energy Announces Second Open Season for Its 150,000 b/d Grand Mesa Pipeline July 7

NGL Energy Partners LP announced that due to additional shipper interest a second binding open season will start Thursday, July 7 for its Grand Mesa Pipeline, LLC crude oil pipeline. This open season will close on Thursday, July 28. The Grand Mesa pipeline will provide takeaway capacity for crude oil producers in the Denver-Julesburg Basin and is expected to be in operation November 2016. The pipeline will originate in Weld County, Colorado and extend approximately 550 miles southeast to NGL's crude oil storage terminal at Cushing, Oklahoma.

<http://www.nglenergypartners.com/investor-relations/news/>

## Other News

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Nothing to report.

## International News

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### Update: Shell Nigeria Lifts Force Majeure on Bonny Light Exports July 7

Royal Dutch Shell's Nigerian division has lifted a force majeure on Bonny Light exports, it said on Thursday, following restoration of production into the Bonny Terminal. The company had declared the force majeure on Bonny Light exports on May 11, following the closure of the Nembe Creek Trunk line (NCTL) for repairs after a leak.

Reuters, 6:38 July 7, 2016

### Nigerian Militants Blow Up Three Chevron Manifolds June 6

Nigerian militant group Niger Delta Avengers said on Wednesday that it had blown up Chevron Corp's manifolds RMP 22, 23, and 24. A remote manifold platform (RMP) is where small oil or gas pipelines converge before connecting to a larger storage hub. On July 5, the group said it blew up a well and oil pipelines near the city of Warri in the country's southern oil hub.

Reuters, 7:52 July 6, 2016

## Energy Prices

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U.S. Oil and Gas Prices			
July 7, 2016			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b>			
<b>West Texas Intermediate U.S.</b>	45.17	48.22	52.28
\$/Barrel			
<b>NATURAL GAS</b>			
<b>Henry Hub</b>	2.75	2.93	2.74
\$/Million Btu			

Source: Reuters

## 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 ET every Wednesday.

***Natural Gas Weekly Update*** from EIA

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

Updated after 2:00 PM ET every Thursday.

### ENERGY ASSURANCE DAILY

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<http://www.oe.netl.doe.gov/ead.aspx>

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