



ENERGY ASSURANCE DAILY

Wednesday Evening, July 13, 2016

Electricity

Severe Thunderstorms Knock Out Power to Over 35,000 Customers in Kansas, Missouri July 12–13

Strong storms producing heavy rain, hail, and wind gusts up to 80 mph knocked out power to at least 35,095 customers in Kansas and Missouri Tuesday night and into Wednesday. As of 3:00 p.m. EDT Wednesday, 26,501 customers remained without power. Kansas City Power and Light, the hardest hit utility with 20,000 customer outages in Missouri, reported damage to powerlines from downed trees. 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 12–13, 2016			
Electric Utility	State	Affected	Latest Reported
Midwest Energy Coop	KS	6,317	4,615
Westar	KS	3,152	8888
Kansas City Board of Public Utilities	KS	2,908	324
Kansas City Power and Light	KS	1,110	1,048
Kansas City Power and Light	MO	20,000	9,498
Ameren Missouri	MO	2,128	2,128
TOTAL*		35,095	26,501

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

Sources:

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

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

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

<https://twitter.com/westarenergy>

<http://outageviewer.mwenergy.com/>

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

<http://www.kwch.com/content/news/Overnight-storms-causes-widespread-damage-power-outages-386621781.html>

<http://ksnt.com/2016/07/13/storms-down-trees-power-lines-in-north-central-kansas/>

Thunderstorms Knock Out Power to Over 18,000 Consumers Energy Customers in Michigan July 12

A line of thunderstorms producing heavy rains and lightning knocked out power to over 18,000 Consumers Energy customers in western Michigan on Tuesday evening. As of 6:00 a.m. EDT Wednesday, 500 customers remained without power.

<https://www.consumersenergy.com/outagemap>

<http://woodtv.com/2016/07/12/11k-consumers-energy-customers-without-power/>

Entergy Reports 13,000 Customers without Power in Arkansas Due to Downed Powerlines July 13

Entergy reported 13,000 customers were without power around 7:00 a.m. CDT on Wednesday in Little Rock and Saline County, Arkansas when a tree fell on powerlines near its Hindman substation. As of 10:00 a.m. CDT, 258 customers remained without power.

<http://www.etrviewoutage.com/external/ar.aspx>

<https://twitter.com/EntergyArk>

<http://www.arkansasonline.com/news/2016/jul/13/thousands-customers-lose-power-little-rock/>

Seattle City Light Reports 10,000 Customers Briefly without Power Due to Equipment Accident in Washington July 12

Seattle City Light reported approximately 10,000 customers had power knocked out briefly for about 30 minutes on Tuesday afternoon. The utility said a crane struck power lines causing the outage.

<http://www.kiro7.com/news/local/10000-without-power-in-i-district-beacon-hill-first-hill/398173828>

Update: Exelon's 802 MW Three Mile Island Nuclear Unit 1 in Pennsylvania at Full Power by July 13

On the morning of July 12 the unit was operating at 85 percent, reduced from full power on July 11.

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

Progress Energy's 811 MW Brunswick Nuclear Unit 2 in North Carolina Reduced to 76 Percent July 12

The unit was reduced from full power after an alert was declared for a fire in the service water building.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2016/20160713en.html>

Update: Exelon's 1,161 MW Braidwood Nuclear Unit 1 in Illinois at Full Power by July 13

On the morning of July 12 the unit was operating at 73 percent, reduced from full power on July 11.

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

Update: Indiana-Michigan Power's 1,060 MW D.C. Cook Nuclear Unit 2 in Michigan Restarts, Ramps Up to 47 Percent by July 13

Unit 2 was taken offline on July 6 when an expansion joint bellows on a Moisture Separator Reheater ruptured. The component provides non-radioactive steam to the low pressure turbines. The expansion joint bellows is roughly 48 inches in diameter. The rupture released pressurized, high-temperature steam to the surrounding area, causing damage to an adjacent Turbine Building exterior wall.

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

<https://www.indianamichiganpower.com/info/news/viewRelease.aspx?releaseID=2021>

Update: Entergy in Discussions with Exelon for Potential Sale of Its 813 MW FitzPatrick Nuclear Power Plant in New York July 13

Entergy Corporation today announced that it was in discussions with Exelon Corporation for the potential sale of the James A. FitzPatrick Nuclear Power Plant in Scriba, New York. The discussions with Exelon would allow FitzPatrick to remain in operation after Entergy announced in November 2015 that it planned to shut down and decommission the FitzPatrick plant by January 2017. Negotiations with Exelon are ongoing, with a target for completion in mid-August. If discussions between Entergy and Exelon do not result in an agreement for the sale and transfer of ownership of FitzPatrick, Entergy will move forward with its current plan to cease operations, followed by decommissioning.

<http://www.entergynewsroom.com/latest-news/entergy-discussions-potential-sale-jamesfitzpatrick-nuclear-power-plant-exelon/>

DOE Announces Up to \$15 Million for APPA, NRECA Power Grid Security and Resilience Efforts July 12

The Department of Energy (DOE) on Tuesday announced new funding to strengthen and protect the nation's electric grid from cyber and physical attacks. Subject to congressional appropriations, DOE will provide up to \$15 million over the next three years to support security efforts by the American Public Power Association (APPA) and the National Rural Electric Cooperative Association (NRECA), which represent approximately 26 percent of the nation's electricity customers. The APPA and NRECA intend to develop security tools, educational resources, updated guidelines, and training on common strategies to cultivate an improved cyber and physical security culture amongst their respective member organizations. In addition, the efforts will include exercises, utility site assessments, and a comprehensive range of information sharing between members.

<http://www.energy.gov/articles/energy-department-announces-15-million-help-improve-security-and-resilience-nation-s-power>

Petroleum

Update: WPX Energy Reports Storage Fire 75 Percent Out at Its Oil Production Site in New Mexico July 12

WPX Energy on Tuesday night said the fire that started late Monday evening at its oil production site in San Juan County, New Mexico was approximately 75 percent extinguished. As of 8:00 p.m. MDT, Tuesday, nearly a quarter of the 36 temporary storage tanks were still burning with flames extending 4–5 feet high and conditions at the site were still unsafe for entry. WPX said it plans to issue another update once the fire has been completely extinguished, or earlier if conditions warrant.

<https://wpxnewmexico.com/2016/07/12/update-4-fire-75-out-precautions-remain-in-place-overnight/>

Valero Buys Out Kinder Morgan's Stake in Its 110,000 b/d Parkway Pipeline from Louisiana to Mississippi July 12

Valero Energy Corp said on Tuesday it bought out Kinder Morgan's remaining 50 percent stake in the 110,000 b/d Parkway Pipeline, previously a joint venture between the two companies. The pipeline, which connects Valero's 215,000 b/d Norco, Louisiana refinery to a petroleum products pipeline hub in Collins, Mississippi, can be expanded to over 200,000 b/d. Valero said the pipeline will enable increased access to markets across the eastern U.S. with connections to the Colonial and Plantation pipeline systems at the Collins hub.

<http://finance.yahoo.com/news/valero-buys-partner-louisiana-mississippi-215618443.html>

http://www.kindermorgan.com/pages/business/products_pipelines/Parkway.aspx

Citgo Reports FCCU Emissions at Its 157,500 b/d Corpus Christi East, Texas Refinery July 12

Citgo Petroleum reported emissions from the fluid catalytic cracking unit (FCCU) regenerator and compressor area due to an incorrect set point adjustment on the console at its Corpus Christi East, Texas refinery, according to a filing with the Texas Commission on Environmental Quality. Citgo said the error was adjusted and the opacity emissions were decreased within permit limits.

Reuters, 18:46 July 12, 2016

U.S. Crude Oil Stockpiles Fall by 2.5 Million July 8 – EIA

U.S. commercial crude inventories fell by 2.5 million barrels to approximately 521.8 million barrels during the week ending July 8, the Energy Information Administration (EIA) said on Wednesday. Commercial crude stocks at the Cushing, Oklahoma delivery hub fell by 232,000 barrels to approximately 63.9 million barrels, the EIA said.

Reuters, 10:35 July 13, 2016

Vancouver City Council Passes Ban on Crude Oil Refineries, Future Storage Projects in Washington July 12

The Vancouver City Council on Monday voted in favor of an ordinance that would ban crude oil storage facilities and oil refineries in the city. The ban, which will move on to a second reading and public hearing next week, would prohibit the expansion of current oil facilities, but would not regulate oil train traffic through the state.

<http://www.opb.org/news/article/vancouver-passes-ban-on-crude-oil-refineries-future-storage-projects/>

Natural Gas

Update: Destin Says MP261JP Delivery Option Available from July 12; Enterprise's 1.5 Bcf/d Pascagoula Gas Processing Plant in Mississippi Remains Shut

Destin Pipeline Co. on Tuesday said its MP261JP delivery option will be available from July 12 with a limited capacity of 117 MMcf/d, which will increase to a maximum of 210 MMcf/d as operations stabilize. Destin said Enterprise Products Partners LP's Pascagoula gas processing plant remains unable to process natural gas after a fire at the facility on June 27, and that Enterprise has not provided any indication as to when operations may resume. On June 27, Destin declared a force majeure event due to Enterprise's inability to process gas at the plant and said it was unable to provide gas transportation service from all of its offshore receipt locations. The 225-mile Destin gas pipeline system can carry 1.2 Bcf/d from offshore producers to the Pascagoula plant, and then further north to interconnections with six major interstate gas transmission lines. Destin says onshore gas transportation service continues to be not impacted and normal operations continue.

<https://bp.trellisenergy.com/ptms/public/infopost/viewNotices.do?noticeCategoryId=308201&tspId=1&proxyTspId=1&menuId=menu-info-posting-notices-critical>

<https://bp.trellisenergy.com/ptms/home.do>

Reuters, 15:30 July 12, 2016

Other News

Nothing to report.

International News

Nigerian Oil Union Agrees to Suspend Strike July 13 – Oil Ministry Official

A Nigerian trade union representing oil workers has agreed to suspend a strike that some feared would lead to fuel shortages and disrupt crude production, an oil ministry official and another at the Nigerian National Petroleum Corporation said on Wednesday. The strike by about 10,000 members of the Petroleum and Natural Gas Senior Staff Association of Nigeria, including refinery workers and office staff, began on July 7 over issues including oil sector reforms and compensation.

http://www.rigzone.com/news/oil_gas/a/145619/Nigerian_Oil_Union_Agrees_To_Suspend_Strike

Energy Prices

U.S. Oil and Gas Prices			
July 13, 2016			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	44.82	47.32	52.29
NATURAL GAS Henry Hub \$/Million Btu	2.75	2.82	2.75

Source: Reuters

Links

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

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

Energy Assurance Daily provides a summary of public information concerning current energy issues. Published Monday through Friday to inform stakeholders of developments affecting energy systems, flows, and markets, it provides highlights of energy issues rather than a comprehensive coverage. *Energy Assurance Daily* is updated online Monday through Friday after 5:00 p.m. ET. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:

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

Please direct comments and questions to: ead@oe.netl.doe.gov