



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

ENERGY ASSURANCE DAILY

Wednesday Evening, July 15, 2015

Electricity

Update: Over 66,000 Customers Remain without Power July 15 after Thunderstorms Hit Midwest, Southeast July 12–13, New Line of Storms Causes Additional Outages July 14

Severe thunderstorms beginning Sunday night through Monday with a second line of storms on Tuesday knocked out power to over 400,000 customers in Wisconsin, Minnesota, Indiana, Illinois, Kentucky, Ohio, West Virginia, and Virginia. The new line of thunderstorms on Tuesday caused additional outages including 28,000 Kentucky Power and 15,000 Appalachian Power customers. As of 3:30 p.m. EDT Wednesday, 66,692 customers remained without power. Indianapolis Power and Light estimates full restoration will not be complete until the end of the week due to the damage some fallen trees and limbs have caused. Duke Energy expects the majority of customers to have power restored by 10 p.m. Wednesday although some may not be restored until Thursday due to the magnitude of the storms, wet ground conditions, and the number of problematic customer outages. Kentucky Power crews and contractors were responding to multiple broken poles and downed power lines and the company said most service would be restored by midnight Friday. Minnesota Power said the biggest obstacle was the removal of thousands of large trees that broke over 100 power poles and 100 smaller, distribution transformers. The company estimates the majority of customers will have power restored by noon on Thursday. Appalachian Power expects restoration to be completed by Thursday night although some of the harder hit areas may extend into Friday evening.

Midwest, Southeast Customer Power Outages			
July 12–15, 2015			
Electric Utility	State	Total Affected	Latest Reported
Ameren Illinois	IL	29,000	10,608
Indianapolis Power and Light (IPL)	IN	65,000	11,677
Duke Energy	IN	18,114	2,127
Kentucky Power	KY	60,000	19,150
Minnesota Power	MN	8,000	3,585
Duke Energy	OH/KY	132,000	2,635
Appalachian Power	VA/WV	100,000	16,910
TOTAL*		412,114	66,692

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

Sources:

<https://twitter.com/AmerenIllinois>

<https://www.ameren.com/outage-center/outage-map>

<http://apps.iplpower.com/outages/outagemap.aspx>

https://www.iplpower.com/Our_Company/Newsroom/2015/Restoration_efforts_continue_in_IPL_service_territory/

<http://outagemap.duke-energy.com/in/default.html>

<http://www.duke-energy.com/news/releases/2015071403.asp>

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

<http://www.mnpower.com/OutageCenter/OutageMap>

http://www.mnpower.com/Content/Documents/Company/PressReleases/2015/20150714_NewsRelease.pdf

<https://www.kentuckypower.com/outages/outageMap.aspx>

<https://www.kentuckypower.com/outages/details.aspx?stormName=July+13+Thunderstorms>

<http://outagemap.duke-energy.com/ohky/default.html>

<http://www.duke-energy.com/news/releases/2015071301.asp>

<https://www.appalachianpower.com/>

<https://www.appalachianpower.com/outages/details.aspx?stormName=July+13+Severe+Storm+Squall+Line+-+TN%2c+VA%2c+WV>

Thunderstorms Knock Out Power to 126,000 Customers in Alabama July 14

Severe thunderstorms with high winds and lightning knocked out power to 115,000 Alabama Power and 11,000 Cullman Electric Co-op customers Tuesday night. The hardest hit area was North-Central Alabama, including the metro Birmingham area due to downed trees and power lines. As of 1 p.m. CDT Wednesday, 23,400 Alabama Power customers remained without power. Cullman Electric reported 870 customers remained without power as of 4:30 a.m. CDT.

<https://twitter.com/alabamapower>

<http://alabamane.wscenter.com/2015/07/15/severe-storms-cause-significant-damage-outages-in-north-central-alabama-up/>

<https://twitter.com/cullmanec>

http://www.al.com/news/birmingham/index.ssf/2015/07/storms_rip_through_birmingham.html

Storms Knock Out Power to 28,000 MLGW Customers in Tennessee July 14

Strong storms knocked out power to 28,000 MLGW customers in Tennessee on Tuesday afternoon. As of 3:30 p.m. Wednesday, 4,784 customers remained without power. MLGW estimated full restoration by Friday at noon.

http://www.mlgw.com/news/news_stormjuly152015

<http://www.mlgw.com/residential/outagemap>

Exelon's 802 MW Three Mile Island Nuclear Unit 1 in Pennsylvania Reduced to 40 Percent by July 15

On the morning of July 14 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

Update: Entergy's 966 MW River Bend Nuclear Unit 1 in Louisiana Ramps Up to 80 Percent by July 15

On the morning of July 14 the unit was operating at 67 percent. The unit was reduced to 63 percent on July 13 from full power on July 12.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

Campo Verde Solar's 139 MW Solar Unit in California Shut by July 14

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201507141515.html>

Petroleum

Update: PHMSA Issues Mandatory Shutdown, Repair of Plains All American Capwood Pipeline Following Leak in Illinois; No Timeline for Restart

The U.S. Department of Transportation's Pipeline and Hazardous Materials Safety Administration (PHMSA) issued a corrective action order late on July 14 to Plains All American Pipeline (PAA) related to the Pocahontas pumping station leak, which is one of several such stations along the Capwood Pipeline and 20-inch diameter Patoka to Wood River, Illinois line. Both lines are currently out of service, the order states. The order requires the operator to investigate the incident, make repairs and report back to PHMSA before resuming operations at the line, which feeds Phillips 66's 336,000 b/d Wood River, Illinois refinery. Sources say the refinery's operations have been unaffected by the incident, as it can receive crude supplies via a variety of other means, including other pipelines. PAA on Tuesday said there is no estimated timeline for restart.

http://phmsa.dot.gov/pv_obj_cache/pv_obj_id_FCC2AD675538F4E01D42D9DD7397CF6BFDDDB0900/filename/320155007H_Corrective%20Action%20Order_07142015.pdf

Reuters, 17:17 July 14, 2015

Flaring, No Disruption to Operations Reported at Marathon's 240,000 b/d Catlettsburg, Kentucky Refinery July 13 – Source

Reuters, 11:20 July 14, 2015

Update: Valero Reports Excess Opacity at Its 168,000 b/d McKee, Texas Refinery July 13

Valero Energy Corp reported excess opacity due to a malfunction in the air conditioning unit that services the electrostatic precipitator hardware at its McKee, Texas refinery on Monday. The company said the refinery procured a temporary air conditioning unit to assist in cooling the electrostatic precipitator electric panel.

Reuters, 13:19 July 14, 2015

Phillips 66 Reports Exchanger Shut after Leak at Its 120,200 b/d Rodeo, California Refinery July 14

Phillips 66 on Tuesday shut down the exchanger on a unit after a hydrogen sulfide spill at its Rodeo, California, refinery, according to a filing with Contra Costa County Health Services.

Reuters, 19:47 July 14, 2015

Kinder Morgan Announces Second 50,000 b/d Condensate Splitter in Service at Its Houston Ship Channel Complex in Texas July 14

Kinder Morgan Inc's second condensate splitter at its Houston Ship Channel complex is in service, a spokeswoman said on Tuesday. The 50,000 b/d splitter began commissioning in late June. The company started up its first 50,000 b/d splitter in March, and BP Plc has a 10-year deal to buy all the output from both units.

Reuters, 14:22 July 14, 2015

U.S. Crude Oil Stocks Decline Overall as Cushing, Oklahoma Inventories Increase – EIA

U.S. crude oil stocks fell last week overall, but inventories at the Cushing, Oklahoma, delivery hub rose, data from the Energy Information Administration (EIA) showed on Wednesday. Crude inventories fell by 4.3 million barrels in the last week, compared with analysts' expectations for a decrease of 1.2 million barrels. Crude stocks at the Cushing, Oklahoma, delivery hub rose by 438,000 barrels, EIA said. Refinery crude runs rose by 229,000 b/d, EIA data showed. Refinery utilization rates rose by 0.6 percentage points.

Reuters, 10:41 July 15, 2015

Natural Gas

Jay Bee Production Reports Gas Pipeline Fire Damages Units at Its Gorby Drilling Pad in West Virginia July 9

Jay Bee Production said a Thursday night fire on a gas pipeline damaged unspecified production units at its Gorby drilling pad in Tyler County, West Virginia. Production wells at the drilling pad were also shut and no injuries were reported due to the fire which was put out within an hour, the company said on Monday. There was no spill due to the incident since production tanks were unaffected, and the cause of the pipeline rupture was being investigated.

Reuters, 15:02 July 13, 2015

National Energy Board Issues Safety Order to Spectra Energy

The National Energy Board (NEB) on Tuesday issued an NEB Safety Order to Westcoast Energy Inc. carrying on business as Spectra Energy Transmission to correct a series of "management system failures" following more than two dozen safety and security incidents at its Canadian plants and facilities since 2014. The order, signed by the regulator's secretary said that Spectra Energy Corp had violated regulations for processing plants 27 times since April 2014. The infractions related to issues such as inadequate inspection and testing of material handling equipment. The company said it was committed to taking appropriate steps to improve all safety and environmental protection-related practices.

<http://news.gc.ca/web/article-en.do?mthd=tp&ctr.page=1&nid=1000819&ctr.tp1D=1>

<http://www.neb-one.gc.ca/sftnvrnmnt/cmplnc/brdrdr/wstcstspctr/2015/sg-w102-002-eng.html>

<http://finance.yahoo.com/news/canada-regulator-orders-spectra-energy-223421396.html>

Other News

Nothing to report.

Yemen Rebels Attack, Set Fire to Aden Oil Refinery

An attack on Monday by Yemeni Houthi rebels on an oil refinery in the port city of Aden caused a fire at a storage tank that may spread, threatening supplies, a spokesman for the Aden Oil Refinery Co said. The missile attack that hit the refinery, which is under the control of pro-government fighters, on Monday set off a “very serious” fire that may reach another 100 storage tanks holding 1.2 million tons of oil and fuels, the spokesman said.

<http://www.hydrocarbonprocessing.com/Article/3470876/Latest-News/Yemen-rebels-set-Aden-refinery-ablaze-in-attack.html>

Energy Prices

U.S. Oil and Gas Prices			
July 15, 2015			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	51.35	51.56	100.32
NATURAL GAS Henry Hub \$/Million Btu	2.95	2.73	4.11

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

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

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