



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

ENERGY ASSURANCE DAILY

Tuesday Evening, July 14, 2015

Electricity

Update: Over 116,000 Customers Remain without Power July 14 after Thunderstorms Hit Midwest, Southeast July 12–13

Severe thunderstorms with heavy rain and frequent lightning strikes knocked out power to 307,749 customers in Wisconsin, Minnesota, Indiana, Kentucky, Ohio, West Virginia, and Virginia beginning Sunday night and continuing throughout the day on Monday as the system moved East. Strong winds with gusts up to 81 mph downed trees and power lines. As of 3:30 p.m. EDT, 116,077 customers remained without power. Indianapolis Power and Light said its crews were working through Wednesday to restore power to all impacted customers. Appalachian Power said restoration should be completed by Wednesday night for most customers except those in the hardest hit areas. Ameren estimated power to be restored by noon Wednesday and Minnesota Power said power should be restored by noon on Thursday.

Midwest, Southeast Customer Power Outages July 12–14, 2015			
Electric Utility	State	Peak	Latest Reported
Ameren Illinois	IL	29,000	19,304
Indianapolis Power and Light	IN	65,000	28,340
Duke Energy	IN	18,114	11,981
Kentucky Power	KY	32,000	14,014
LG&E and KU	KY	14,635	3,325
Minnesota Power	MN	8,000	4,421
Duke Energy	OH/KY	43,000	5,742
Appalachian Power	VA	16,500	4,830
WE Energies	WI	44,000	440
Appalachian Power	WV	37,500	23,680
TOTAL*		307,749	116,077

*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/IPL_continues_storm_restoration_efforts/

<https://twitter.com/IPLPower>

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

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

http://www.mnpower.com/Content/Documents/Company/PressReleases/2015/20150713_NewsRelease.pdf

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

<http://stormcenter.lge-ku.com/default.html>

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

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

https://twitter.com/we_energies

<http://www.we-energies.com/outagemapext/>

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

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

Dominion's 815 MW Surry Nuclear Unit 2 in Virginia Shut by July 14

On the morning of July 13 the unit was operating at full power.

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

Update: AES's 332 MW Alamos Gas-fired Unit 3 in California Returns to Service by July 13

The unit returned from an unplanned outage that began on July 12.

<http://content.caiso.com/unitstatus/data/unitstatus201507131515.html>

Update: AES's 336 MW Alamos Gas-fired Unit 4 in California Returns to Service by July 13

The unit returned from an unplanned outage that began on July 12.

<http://content.caiso.com/unitstatus/data/unitstatus201507131515.html>

Update: AES's 498 MW Alamos Gas-fired Unit 5 in California Returns to Service by July 13

The unit returned from an unplanned outage that began on July 12.

<http://content.caiso.com/unitstatus/data/unitstatus201507131515.html>

Update: AES's 495 MW Alamos Gas-fired Unit 6 in California Returns to Service by July 13

The unit returned from an unplanned outage that began on July 12.

<http://content.caiso.com/unitstatus/data/unitstatus201507131515.html>

Petroleum

Update: Plains All American Reports Unified Command Established in Response to 100 Barrel Crude Oil Release in Missouri

Plains All American Pipeline (PAA) said a Unified Command had been established with participation from the U.S. Environment Protection Agency (EPA), the Illinois EPA, the City of Highland, and PAA in response to the crude oil release that occurred on July 10 at its Pocahontas Pump Station near St. Louis, Missouri. In conjunction with the Unified Command, PAA mobilized more than 210 response personnel, 2,700 feet of boom deployed, 8 vacuum trucks, 17 response vessels, and a helicopter for observation over flights. Free oil and oil sheen on Silver Creek was being contained by protective boom to prevent it from reaching Highland Silver Lake. Third-party experts, overseen by U.S. EPA, continue to perform air and water monitoring, and results to date have shown no impact to the public water supply and no air reading that would impact public health. The estimated volume of the release remained unchanged at approximately 100 barrels, or 4,200 gallons, a portion of which was contained at the pump station.

<http://www.mp29response.com/go/doc/7294/2559350/>

Reuters, 16:43 July 13, 2015

Phillips 66 Assessing Operations Impact on Its 366,000 Woods River, Illinois Refinery after PAA's Capwood Pipeline Shuts Flow After Booster Station Leak July 10

Phillips 66 said it was assessing the impact on operations at its Wood River refinery as a result of Plains All American's (PAA's) 277,000 b/d Capwood pipeline shutdown. Phillips 66 said at this time it did not anticipate any impacts at the refinery. The Capwood pipeline runs from Patoka, Illinois, to Wood River, Illinois.

Reuters, 16:43 July 13, 2015

Update: Crude Unit at PES' 335,000 b/d Philadelphia, Pennsylvania Refinery Running at Limited Capacity July 14 after Fire July 13 – Source

Philadelphia Energy Solutions' (PES) crude unit was running at a third of its capacity on Tuesday as workers assessed the damage from a brief fire a day earlier, according to a person familiar with the plant's operations. The 85,000 b/d crude and vacuum distillation units were shut down on Monday morning but the crude unit subsequently resumed partial operation. The refinery fire began at around 8:20 a.m. EDT on Monday, and was extinguished 10 minutes later with no injuries reported, the company said.

Reuters, 9:36 July 14, 2015

Motiva Reports Small Fire Extinguished after Unit Leak at Its 600,250 b/d Port Arthur, Texas Refinery July 13

Motiva Enterprises said it extinguished a small fire after a leak in one of the units at its refinery in Port Arthur, Texas on Monday. There were no injuries or off-site impacts, a company spokesman said
Reuters, 9:42 July 14, 2015

Valero Reports Upset on FCCU Electrostatic Precipitator Field at Its 156,000 b/d McKee, Texas Refinery July 12

Valero Energy Corp reported an electrical malfunction on a field of the fluid catalytic cracking unit (FCCU) electrostatic precipitator on Sunday, according to a filing with the Texas Commission on Environmental Quality. Refinery personnel replaced the switch that malfunctioned and restarted the field.
Reuters, 15:33 July 13, 2015

Alon Reports FCCU Shut at Its 67,000 b/d Big Spring, Texas Refinery

Reuters, 18:45 July 13, 2015

Update: Shell's Damaged Arctic Drilling Ship Sent to Oregon for Repairs July 13

Royal Dutch Shell said on Monday that the Fennica icebreaker crucial to its planned Arctic oil drilling will be sent to Portland, Oregon to repair a 39-inch gash in its hull. The repair and lost voyage time from Portland to southern Alaska should not delay the company's plans to begin drilling off northern Alaska in the Chukchi Sea later this month, a Shell spokesman said. The Fennica is one of two ice management vessels in Shell's fleet of nearly 30 ships that will operate the Chukchi off northern Alaska this summer.
Reuters, 14:57 July 13, 2015

Michigan DEQ Report Recommends Ban on Heavy Oil from Enbridge's Straits of Mackinac Pipelines

Michigan Department of Environmental Quality (DEQ) Director Dan Wyant and Attorney General Bill Schuette today announced the release of the Michigan Petroleum Pipeline Task Force Report. The report calls for an immediate ban on transporting tar sands and heavy crude oil through the Straits of Mackinac pipelines, mandates full insurance coverage liability, requires an assessment of options to the Straits pipelines, requires Enbridge to disclose pipeline safety reports, and creates a public advisory board on pipeline safety. The task force produced thirteen recommendations, seeking to reduce short-term risks, give the State necessary information to evaluate the risks to the Straits from the current pipelines, and evaluate alternatives to the existing pipelines. The statewide recommendations will require the action of the Governor, relevant state agencies, and the Michigan Legislature. Enbridge said only light crude presently moves through its two side-by-side pipelines beneath the Straits where Lakes Huron and Michigan converge.

<http://www.michigan.gov/minewswire/0,4629,7-136-3452-359349--,00.html>

http://www.michigan.gov/deq/0,4561,7-135-3306_69266-358801--,00.html

Natural Gas

DCP Midstream Reports Valve Failure at Its 70 MMcf/d Fullerton Gas Plant in Texas July 12

DCP Midstream reported the fuel actuator valve failed causing the East turbine to stop working. Gas was backed out and field personnel were called out to curtail the gas.

<http://www2.tceq.texas.gov/oce/eei/index.cfm?fuseaction=main.getDetails&target=217122>

Other News

Valero Energy Expands Into Ethanol Export Market

Valero Energy Corp is preparing to sell ethanol for export for the first time, the company said. Valero has recently began to offer export-grade ethanol to shippers and leasing tank space at St. Rose, Louisiana, opening a gateway to major markets in Asia and Brazil, three U.S. trade sources said. For now, the material will be sold on a freight-on-board basis for shipment overseas. Ultimately, the company plans to sell its output and third-party production directly to buyers overseas, as it does with other fuel products. A Valero spokesman said it was looking at increasing sales and expanding markets, including export markets.

Reuters, 7:00 July 14, 2015

International News

Update: Shell Lifts Force Majeure on Nigeria's Forcados Crude Oil Stream July 14

Shell said on Tuesday it lifted a force majeure on exports of Nigeria's Forcados crude oil stream that had been in place for more than two months. The company declared force majeure on May 5 following "a series of leaks" in the Trans Forcados pipeline that brings the oil to the export terminal. The original plan of exports for Forcados crude oil in July included seven cargoes with a total of 6.3 million barrels of oil, though traders said several of the cargoes have already been deferred to August as a result of loading delays.

Reuters, 9:29 July 14, 2015

Iran to Return to Oil Market with Maximum Capacity Once Sanctions are Lifted – Deputy Oil Minister

Iran will return to the global oil market with maximum capacity once the sanctions against the country are lifted following Iran's nuclear deal with world powers, a deputy oil minister said on Tuesday. Iran and six major world powers reached a landmark nuclear deal on Tuesday, capping more than a decade of negotiations. The Oil Minister said last month that Iran was aiming to add 500,000 b/d to production within two months of easing Western sanctions that have cut shipments in half in recent years and as much as 1 million b/d in six to seven months.

http://www.rigzone.com/news/oil_gas/a/139604/Shana_Iran_to_Return_to_Oil_Market_with_Maximum_Capacity#sthash.HMARuSs2.dpuf

Energy Prices

U.S. Oil and Gas Prices			
July 14, 2015			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	53.00	52.28	100.89
NATURAL GAS Henry Hub \$/Million Btu	2.88	2.74	4.08

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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