



ENERGY ASSURANCE DAILY

Friday Evening, June 06, 2014

Electricity

Strong Thunderstorms Knock Out Power to at Least 155,000 Customers in Central and Southern States Over Past Two Days; Second Round of Storms Increasing Outages, Slowing Restoration Work This Afternoon

Strong thunderstorms, with wind gusts of up to 80 miles per hour, moved across Arkansas, Georgia, Kansas, Missouri, and Tennessee Thursday afternoon leaving 140,700 customers without power. National Weather Service forecasters said the storms, which downed trees and power lines, were due to a derecho, powerful straight-line winds produced in a line of thunderstorms. Entergy Arkansas reported a peak outage of 27,206 from Thursday's storm and as of 7:30 a.m. CDT today, that number dropped to 13,886. A second round of thunderstorms began affecting Entergy Arkansas's service territory this afternoon, increasing outages to over 41,000 customers. Overall, at least 154,715 customers have lost power due to storms over the last two days. As of 2:30 p.m. CDT today, 50,002 customers remained without power across the affected utilities. Memphis Light Gas and Water (MLGW) said Friday that damage remains widespread with poles and lines down in its service territory. MLGW has brought in eight outside crews to assist with restoration work but warned that restoration could be slowed as scattered showers move into the area this afternoon.

Central and Southern States Customer Power Outages			
June 5–6, 2014			
Electric Utility	State	Peak	Latest Reported
Entergy Arkansas	AR	41,219	41,219
North Arkansas Electric Cooperative	AR	25,000	13
Georgia Power	GA	21,896	237
Westar Energy	KS	12,000	303
Kansas City Power and Light	KS/MO	12,600	432
Memphis Light Gas and Water	TN	42,000	7,798
TOTAL*		154,715	50,002

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

Sources:

- <http://www.etrviewoutage.com/external/ar.aspx>
- <https://twitter.com/EntergyArk>
- <https://www.facebook.com/pages/North-Arkansas-Electric-Cooperative/135541453135541>
- <http://www.outageviewer.com/>
- http://outagemap.georgiapower.com/external/default.html?hp=tm_po_view_outage_map
- <https://twitter.com/georgiapower?WT.svl=tw3>
- <https://www-11.westarenergy.com/outagemaps/outagetable.asp>
- <http://www.kcpl.com/outages-and-weather/outage-map>
- <http://azimuth.mlgw.org/OutageSummary.php>
- <https://twitter.com/MLGW>
- <http://www.arkansasonline.com/news/2014/jun/06/more-13000-without-power-day-after-strong-storm/?f=news-arkansas>
- <http://www.kmbz.com/Strong-winds-damage-trees-power-lines/19160532>
- <http://m.cjonline.com/news/2014-06-06/westar-restores-power-most-customers>

Power Restored to Over 14,000 PPL Customers in Pennsylvania after Broken Crossarm Caused Outage June 5

PPL reported over 14,000 customers lost power Thursday evening due to a broken crossarm—the horizontal piece that holds power lines on a utility pole. Crews were immediately dispatched and power was restored to most customers by 11:15 p.m. EDT Thursday, according to a spokesperson.

<https://www.pplelectric.com/my-account/outage-center/outage-map.aspx>

http://www.pennlive.com/midstate/index.ssf/2014/06/restoration_efforts_underway_a.html

Update: Entergy's 813 MW FitzPatrick Nuclear Unit in New York Ramps Up to 97 Percent by June 6

On the morning of June 5 the unit was operating at 47 percent after restarting by June 4. The unit was shut by June 2 to plug tubes in the main condenser.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

Update: NPPD's 764 MW Cooper Nuclear Unit in Nebraska Restarts by June 5, Ramps Up to 25 Percent by June 6

By the morning of June 5 the unit had restarted and was operating at 1 percent. The unit shut by May 30 from full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

Update: STP's 1,251 MW South Texas Nuclear Unit 1 in Texas at Full Power by June 6

On the morning of June 5 the unit was operating at 90 percent. The unit restarted by June 1 after shutting by May 30.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

Portion of Westar's 345 kV Prairie Wind Transmission Line in Kansas Energized June 4

About 78 miles of the 108-mile, double circuit 345-kV Prairie Wind Transmission line was energized Wednesday. The line moves electricity between Wichita and Medicine Lodge, Kansas. The remainder of the Prairie Wind project, which will take the line from Medicine Lodge south to the Kansas/Oklahoma border, is scheduled to be complete by the end of 2014.

[http://www.westarenergy.com/corp_com/corpcomm.nsf/unid/B23E4F2C67C83A4686257CEE00572CCD/\\$file/060514%20PWT%20segment%20energized%20final.pdf](http://www.westarenergy.com/corp_com/corpcomm.nsf/unid/B23E4F2C67C83A4686257CEE00572CCD/$file/060514%20PWT%20segment%20energized%20final.pdf)

Petroleum

Louisiana Legislative Auditor's Office Report Deems State Regulation of Oil and Gas Wells Inadequate

An audit released June 2 by the Louisiana Legislative Auditor's Office determined that the Louisiana Department of Natural Resources Office of Conservation was mismanaging oil and gas regulations. An investigation found that over half the oil and gas wells in the State were not inspected within a 3-year guideline set by the State, and more than 2,800 orphaned wells had not been plugged as of July 2013, among other findings.

<http://theadvocate.com/home/9342671-125/audit-state-regulation-of-wells>

Phillips 66 Reports FCCU Emissions at Its 247,000 b/d Sweeny, Texas Refinery June 6

Phillips 66 reported an air blower turbine shutdown was causing emissions from its coker and fluid catalytic cracking unit (FCCU) at its Sweeny refinery in Texas on Friday, according to a filing with state pollution regulators. Energy intelligence firm Genscape had reported a brief flaring was observed at the refinery on Thursday.

Reuters, 10:32 June 6, 2014

Update: Shell's 327,000 b/d Deer Park, Texas Refinery Operating as Planned after Valve Leak

Royal Dutch Shell Plc said on Friday that its Deer Park, Texas refinery was operating as planned after it isolated a leak in a valve at an unspecified unit on Tuesday.

Reuters, 8:50 June 6, 2014

Phillips 66 Buying 7.1 Million Barrel Gulf Coast Crude Oil, Products Terminal in Texas

Phillips 66 is buying a 7.1 million barrel storage terminal near Beaumont, Texas, as part of the company's plan to increase logistics and transportation assets. The terminal has two marine docks capable of handling 750,000 barrel oil tankers, one barge dock, and rail and truck loading and unloading infrastructure. Its storage capacity reaches 4.7 million barrels for crude and 2.4 million barrels for refined products. It also has connections to major crude oil and product pipelines that serve 3.6 million b/d of Gulf Coast refining capacity. Phillips 66 said the terminal will serve its own refineries, as well as others along the U.S. Gulf Coast, and has "significant" expansion potential. The sale is expected to close in the third quarter of 2014 pending regulatory approvals.

Reuters, 17:42 June 5, 2014

Natural Gas

Canyon Midstream Announces Gas Processing Agreements, 30 MMcf/d Expansion of Its James Lake Plant in Texas

Canyon Midstream Partners, LLC on Thursday announced it entered into gathering and processing agreements with XTO Energy Inc., a subsidiary of Exxon Mobil Corporation, and Apache Corporation for midstream services on Canyon's James Lake System in Texas. In addition, Canyon announced it expanded its James Lake cryogenic gas processing plant in Ector County from 70 MMcf/d to 100 MMcf/d by adding a 30 MMcf/d cryogenic turbo expansion train. The James Lake Plant is part of Canyon's James Lake System, which currently consists of 60 miles of 12-inch trunkline and six field compressor stations providing low pressure gathering services to Ector, Andrews, Martin, Dawson, and Gaines counties, Texas. When completed in late 2014, the James Lake System will deliver residue gas into the El Paso Natural Gas pipeline and deliver NGLs to the Sand Hills pipeline and the Chaparral pipeline in Ector County. Canyon is also developing Phase II of the James Lake System, which will consist of a second 100 MMcf/d cryogenic gas processing plant in Martin County and 60 additional miles of 12-inch trunkline, which will expand the system's service territory into Howard and Borden counties, Texas. Canyon expects Phase II to commence operations in the first half of 2015.

<http://canyonmidstream.com/canyon-midstream-partners-announces-gas-processing-agreements-xto-energy-apache-corporation-expansion-permian-basin-midstream-system/>

Other News

Nothing to report.

International News

Colombia's 220,000 b/d Cano Limon-Covenas Oil Pipeline Shut by Bomb Attack June 5

Colombia's 485-mile Cano Limon-Covenas oil pipeline was shut due to a bomb attack blamed on leftist guerrillas, a source at state-run oil company Ecopetrol which owns the pipeline, said on Thursday. The explosion took place on a stretch of the pipeline in Norte de Santander province which borders Venezuela, the source said, adding the pipeline was likely to be running again in a few days if security conditions permit.

<http://www.reuters.com/article/2014/06/06/us-colombia-pipeline-idUSKBN0EH05G20140606>

Libya's Hariga Port Remains Closed by Protesting Oil Guards

Libya's eastern-most oil export terminal, Hariga, remained closed on Friday by protesting oil guards waiting for their salaries to be transferred, a spokesman for the operating company said on Friday. Hariga is run by the Arabian Gulf Oil Company, a state-owned subsidiary of National Oil Corp (NOC). The spokesman said that funds to cover the salaries had been transferred by the Ministry of Finance to NOC, but still needed to be transferred to the Petroleum Facilities Guards for distribution to its employees. The port was shut down at the beginning of last week. Two oil tankers have been waiting to load since then.

Reuters, 11:24 June 6, 2014

Energy Prices

U.S. Oil and Gas Prices			
June 6, 2014			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	102.43	103.60	95.04
NATURAL GAS Henry Hub \$/Million Btu	4.64	4.74	3.99

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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