



ENERGY ASSURANCE DAILY

Tuesday Evening, October 14, 2014

Electricity

Strong Storms Knock Out Power to Over 305,000 Customers in Texas and Southeast October 13

Thunderstorms with heavy rain and high winds moved across Texas, Arkansas, Louisiana, Mississippi, Alabama, and Georgia on Monday knocking out power to 305,289 customers. As of 3:30 p.m. EDT today, 53,853 customers remained without power. Several utilities reported broken power poles, downed power lines, and downed trees were impacting repair work. Alabama Power was the hardest hit utility with 115,000 customers without power. As of 9 a.m. CDT Tuesday, service had been restored to more than 97,000 of the affected customers with the remainder estimated to be restored by Tuesday evening. Entergy Louisiana said its customers could be without power until Friday due to damage to the company’s transmission and distribution systems. There was significant electrical infrastructure damage in several locations, according to the company.

Texas and Southeast Customer Power Outages			
October 13–14, 2014			
Electric Utility	State	Peak	Latest Reported
Alabama Power	AL	115,000	18,000
Cullman Electric Cooperative	AL	10,000	3,981
Entergy Arkansas	AR	6,000	99
Georgia Power	GA	60,300	3,846
Amicalola Electric Member Corporation	GA	3,500	2,780
Entergy Louisiana	LA	69,000	21,351
AEP SWEPCO	LA	3,605	424
Entergy Mississippi	MS	5,884	94
Oncor	TX	18,000	3,216
Entergy Texas	TX	10,000	41
AEP SWEPCO	TX	4,000	21
TOTAL*		305,289	53,853

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

Sources:

<https://twitter.com/alabamapower>

<http://alabamapowernews.com/2014/10/14/responding-to-mondays-storms/>

https://twitter.com/ms_power

<http://www.cullmanecoutages.com/works.html>

<https://twitter.com/EntergyArk>

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

<http://www.aepcustomer.com/outagemap/main.aspx?region=swepeco>

http://outagemap.georgiapower.com/external/default.html?hp=tm_po_view_outage_map

https://twitter.com/georgiapower?WT.svl=tw3&hp=rft_twitter

<https://www.facebook.com/pages/Amicalola-EMC/254033993290>

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

<https://twitter.com/oncor>

<http://stormcenter.oncor.com/default.html>

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

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

<http://www.alabamas13.com/story/26778591/thousands-remain-without-power-in-central-alabama-following-storms>

<http://www.wjbf.com/story/26779894/more-than-31-000-without-power-in-georgia-due-to-storms>

<http://www.weather.com/news/tornado-central/severe-weather-outbreak-plains-southeast-20141013>

http://www.news-journal.com/news/local/thousands-without-power-in-east-texas-after-storms/article_2791dc0a-52d2-11e4-90a4-e73bd69ff72d.html
<http://www.thenewsstar.com/story/news/local/2014/10/13/power-may-restored-friday/17225827/>
<http://www.wtok.com/home/headlines/Storms-Cross-Mississippi-and-Alabama-279146721.html>
<http://www.myarklami.com/story/d/story/entergy-continues-working-to-restore-power-to-nort/20726/9umLVgKYzEW9-rXjUFHjuw>
<http://www.msnewsnow.com/story/26774003/severe-storms-enter-mississippi-threat-continues-throughout-the-day>

High Winds Knock Out Power to 22,000 Oncor Customers in Texas October 13

Oncor reported approximately 22,000 customers had power knocked out Monday afternoon due to sustained winds topping 40 mph. As of Monday night, approximately 4,200 customers remained without power.

<https://twitter.com/oncor>

Entergy's 813 MW FitzPatrick Nuclear Unit in New York Reduced to 54 Percent October 14

The unit reduced to 54 percent from 82 percent due to the degradation of the high pressure core mitigating accident capability.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2014/20141014en.html>

Update: Exelon's 619 MW Oyster Creek Nuclear Unit in New Jersey Restarts, Ramps Up to 20 Percent by October 14

The unit experienced a manual reactor scram October 12 due to the decreasing reactor water level.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2014/20141014en.html>

Duke Energy's 846 MW Oconee Nuclear Unit 2 in South Carolina Shut by October 14

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

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

Dominion's 815 MW Surry Nuclear Unit 2 in Virginia Shut October 13

The unit experienced an automatic reactor trip from full power due to a spurious overpower/delta temperature signal.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2014/20141014en.html>

Update: Southern's 1,149 MW Vogtle Nuclear Unit 2 in Georgia Restarts, Ramps Up to 25 Percent by October 14

The unit experienced a manual reactor trip October 12 during reactor startup.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2014/20141014en.html>

DTE's 1,089 MW Fermi Nuclear Unit 2 in Michigan Reduced to 65 Percent by October 14

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

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

Exelon's 1,111 MW La Salle Nuclear Unit 1 in Illinois Shut by October 12

On the morning of October 11 the unit was operating at full power.

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

Update: AES's 226 MW Huntington Beach Gas-fired Unit 2 in California Returns to Service by October 13

The unit returned from an unplanned curtailment of 116 MW that began by October 8.

<http://content.caiso.com/unitstatus/data/unitstatus201410131515.html>

Corroded Pipeline Causes 1,000 Barrel Brine Spill at Oasis Well Site in North Dakota October 9

The North Dakota Department of Health announced that about 1,000 barrels of brine spilled from a corroded pipeline at an Oasis-owned well site in McKenzie County, North Dakota October 9. Officials reported that a majority of the water brine was contained to the site and an unknown amount spilled onto adjacent land and into a stream.

http://www.upi.com/Business_News/Energy-Resources/2014/10/10/North-Dakota-spill-reaches-waterway/1491412937745/

Mid-Valley Pipeline Crude Oil Spill Reported in Louisiana October 13

A crude oil spill at Mooringsport village in Caddo Parish, Louisiana, led to the evacuation of at least one family, according to a local news report. The spill happened at 11:45 a.m. local time on Monday, when a pipeline broke and was detected by Mid-Valley Pipeline employees, according to the report. Hazmat crews were on the scene of the spill.

Reuters, 10:10 October 14, 2014

PBF Reports Diesel Spill Due to Mechanical Failure at Its 182,200 b/d Delaware City, Delaware Refinery October 14

PBF Energy Inc reported a diesel fuel spill at its Delaware city refinery due to a mechanical failure, according to a filing with the State of Delaware. The spill was estimated to be less than five gallons.

Reuters, 11:53 October 14, 2014

ExxonMobil Says Emissions from Alkylation Unit Causes No Impact to Production at Its 560,500 b/d Baytown, Texas Refinery October 10

Reuters, 15:41 October 14, 2014

Flint Hills Reports Hydrocarbon Leak at Its 293,000 b/d Corpus Christi Refinery October 9

Flint Hills Resources reported a hydrocarbon leak from a clamp on the 150 pound steam header in the no. 2 ISOM unit. Initial estimates and calculations indicated the release had the potential to have exceeded a reportable quantity for mixed xylenes. The event was under investigation and maintenance activities that were being conducted at the time and in the vicinity of the leak were discontinued. The hydrocarbon source was blocked in, foam was applied to the hydrocarbon on the ground, and the spill to the ground was cleaned up

Reuters, 16:28 October 9, 2014

Tesoro Reports Operating Upset, Flaring at Its 251,000 b/d Carson, California Refinery October 13

Tesoro Corp said its Carson refinery experienced an operating upset at approximately 5:30 p.m. PST, on Monday that resulted in flaring. The refinery was running normally and the upset did not result in any supply reduction, according to the company.

Reuters, 9:36 October 14, 2014

TransCanada Receives Regulatory Approval for 900,000 b/d Grand Rapids Pipeline Project in Alberta

TransCanada Corporation on Friday announced that the Alberta Energy Regulator (AER) approved the majority of the company's applications to construct and operate the Grand Rapids Pipeline Project. TransCanada partnered with Brion Energy Corporation, formerly Phoenix Energy Holdings Limited, through a joint venture to develop Grand Rapids, a 287-mile oil and diluent pipeline system connecting the producing area northwest of Fort McMurray, Alberta to terminals in the Edmonton/Heartland region. The project was expected to begin construction in fall 2014 and become operational in stages, with initial crude oil transported by mid-2016. The full system will have an ultimate capacity to move up to 900,000 b/d of crude oil and 330,000 b/d of diluent.

<http://www.transcanada.com/news-releases-article.html?id=1885221>

<http://www.aer.ca/about-aer/media-centre/news-releases/news-release-2014-10-09>

Spectra Energy Announces 400,000 b/d Crude Oil Pipeline Expansion from Wyoming to Illinois

Spectra Energy and Spectra Energy Partners today announced a proposed expansion of their oil pipeline network, with service from Guernsey, Wyoming to Patoka, Illinois. This announcement was in response to strong market demand to move light, sweet, U.S. domestic crude from multiple supply areas, including the Bakken, the Denver-Julesburg Basin and the Powder River Basin, to Patoka, where shippers will be able to access Midwest and Gulf Coast markets. The expansion, which would be in service in 2017 with an initial capacity of approximately 400,000 b/d, would provide access for shippers to reach markets in the eastern PADD 2 region and the flexibility to meet light crude refinery demand on the Gulf Coast.

<http://phx.corporate-ir.net/phoenix.zhtml?c=211014&p=irol-newsArticle&ID=1976199>

Ergon to Expand Capabilities at Its 25,000 b/d Vicksburg, Mississippi Specialty Oil Refinery

Ergon Refining, Inc. today announced plans for a \$150 million expansion at its Vicksburg, Mississippi specialty naphthenic base oil refinery. The upgrades will include enhancements to the refinery's crude distillation unit, modifications to its base oil hydrotreaters, and an expansion of its terminal tank farm to support new product offerings. This project will optimize capabilities installed during Ergon's \$250 million expansion in 2009

<http://ergon.com/news/43-ergon-to-expand-capabilities-at-its-mississippi-based-specialty-oil-refinery>

<http://ergon.com/refining-marketing>

Natural Gas

Regency Reports AGI Shut at Its 290 MMcf/d Waha Gas Plant in Texas October 12

Regency reported the acid gas injector (AGI) compressor shut on high third stage discharge pressure. The wire from the temperature probe had been rubbing on a conduit line and was grounding out. The wire was moved away from the conduit so that it wouldn't ground out and all connections were tightened.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=204999>

DCP Midstream Reports Engine Shut Due to Electrical Issues at Its 160 MMcf/d Goldsmith Gas Plant in Texas October 11

DCP Midstream reported the NR20 five pound engine shut due to a ring gear fault, causing the plant to flare five pound gas. Once repairs were completed, the NR20 engine was placed online, ending the flare event

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=204995>

Tallgrass Development and AGL Resources Announce Pursuit of New 1.2–1.5 Bcf/d Prairie State Pipeline Project in Midwest

Tallgrass Development, LP announced today it intended to pursue the development of a new natural gas pipeline, the Prairie State Pipeline, with ownership participation by Tallgrass and AGL Resources Inc. Tallgrass and AGL (the Sponsors) also announced a non-binding open season for natural gas market participants to move gas from supply connections in central Illinois to the Chicago Market Center and points in between (the Project). Prairie State Pipeline was expected to have a total capacity between 1.2 Bcf/d and 1.5 Bcf/d and already received an expression of interest for a commitment of 400 MMcf/d. Prairie State Pipeline will provide additional supply diversity and access to the Illinois and Midwest markets, while increasing reliability through new infrastructure construction. When complete, Prairie State Pipeline was expected to consist of nearly 140 miles of large diameter pipeline running in a generally north-south orientation, to connect interstate pipelines in Douglas County, Illinois, to gas distribution systems, natural gas storage fields, and interstate pipeline companies in the Chicago Market Center. Prairie State Pipeline anticipates an in-service date of November 1, 2017.

http://www.businesswire.com/news/home/20141014005318/en#.VD0wL_lDW5g

Spectra Energy and NextEra Energy Seeking Federal Permission to Build 600 Miles of Natural Gas Pipeline from Alabama to Florida

Spectra Energy Partners LP and NextEra Energy Inc. want federal permission to build about 600 miles of pipeline carrying natural gas from Alabama, across southwest Georgia, and toward gas-fired power plants in Florida. The firms hope to get the necessary approval in late 2015 or early 2016. The pipeline would start operating in mid-2017. Residents near Albany are protesting the plan because it would require building a pollution-emitting compression station near their homes.

Reuters, 9:47 October 11, 2014

ARM Midstream to Build New Crude Oil Gathering System in Bakken/Three Forks Shale Play in Montana and North Dakota

Asset Risk Management (ARM) announced today that ARM Midstream intends to construct a crude oil gathering system in the Bakken shale play and underlying the Three Forks formation. ARM also announced that Zavanna, LLC, an exploration and production company that has been operating in the Williston Basin of North Dakota and Montana executed a letter of intent to be an anchor customer of the system. Zavanna intends to support the project through an acreage dedication in the core of its McKenzie County, North Dakota operations. In the coming weeks, ARM intends to commence an open season to gauge market interest in producers making long-term commitments for a new crude oil gathering and transportation pipeline system in the Bakken shale play in North Dakota. The system will gather crude oil from points in McKenzie County and transport to interconnections with both downstream pipelines and rail takeaway facilities.

<http://asset-risk.com/arm-midstream-build-new-crude-oil-gathering-system-bakkenthree-forks-shale-play/>

Other News

Nothing to report.

International News

Protesters Threaten to Close 103B Oilfield in Eastern Libya

Protesters blocking Libya's Abu Attifel oilfield threatened to close another field to force a state oil company to hire hundreds of local people, a spokesman for the protesters said on Tuesday. The oilfield, a joint venture between Italian oil major Eni and Libya's state oil company, has been closed for a year by locals who demand jobs, part of a wave of strikes at oil facilities that began in July 2013. Protests ended at other oilfields, but the shutdown continued at Abu Attifel in Jalu, in Libya's east. In addition to Abu Attifel, which used to pump 60,000 b/d, the protesters have now also closed the nearby Jalo 59 and 103A fields. A spokesperson for the protestors said they plan to close the nearby 103B field by Thursday if the National Oil Corp (NOC) does not meet their demands.

[#sthash.xyBIZ7wN.dpuf](http://www.rigzone.com/news/oil_gas/a/135430/Protesters_Threaten_to_Close_Another_Oilfield_in_Eastern_Libya)

Energy Prices

U.S. Oil and Gas Prices			
October 14, 2014			
	Today	Week Ago	Year Ago
CRUDE OIL			
West Texas Intermediate U.S.	83.89	89.35	101.62
\$/Barrel			
NATURAL GAS			
Henry Hub	3.87	3.94	3.74
\$/Million Btu			

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>

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