



ENERGY ASSURANCE DAILY

Friday Evening, October 03, 2014

Major Developments

Strong Storms Knock Out Power to Over 412,000 Customers in Texas, Arkansas, and Louisiana October 2–3

Strong storms moved across Texas, Arkansas, and Louisiana Thursday afternoon knocking out power to 412,316 customers. Hail, heavy rain, and damaging winds up to 90 mph were reported across northern Texas. Oncor, the hardest hit utility with 302,000 customer outages, said this was one of the largest storms in the company's history. Crews in Oncor's service territory worked throughout the night to respond to outages and make repairs. Some crews were delayed due to treacherous roads lined with trees and power lines. As of 3:30 p.m. EDT today, 196,050 customers remained without power, mostly in Oncor's service area.

| Texas, Arkansas, and Louisiana Customer Power Outages | | | |
|---|-------|----------------|-----------------|
| October 2–3, 2014 | | | |
| Electric Utility | State | Peak | Latest Reported |
| Entergy Arkansas | AR | 62,416 | 21,662 |
| First Electric Coop | AR | 9,700 | 74 |
| AEP SWEPKO | AR | 4,000 | 363 |
| AEP SWEPKO | LA | 15,500 | 3,972 |
| Oncor | TX | 302,000 | 165,957 |
| AEP SWEPKO | TX | 18,700 | 4,022 |
| TOTAL * | | 412,316 | 196,050 |

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

Sources:

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

<https://www.swepco.com/outages/>

<https://www.swepco.com/outages/details.aspx?stormName=Oct.+3%2c+2014%2c+Thunderstorms>

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

<https://twitter.com/EntergyArk>

<http://outage.fecc.coop/>

<https://twitter.com/FirstElecCoop>

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

<https://twitter.com/oncor>

<http://thewire.oncor.com/News/Pages/Oncor-Working-to-Restore-Power-After-Severe-Storms-Sweep-N--Texas.aspx>

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

<http://www.dallasnews.com/news/metro/20141003-storms-leave-250000-across-dallas-fort-worth-without-power.ece>

http://www.news-journal.com/news/local/thousands-without-power-in-wake-of-severe-storms/article_77d7e158-4aa5-11e4-bbc5-b3ad10acc7c3.html

<http://www.ksla.com/story/26690327/severe-weather-leaves-more-than-28k-sweepco-customers-without-power>

<http://www.katv.com/story/26693515/thousands-of-power-outages-reported-across-the-state>

<http://www.nbcnews.com/news/weather/severe-weather-hits-dallas-hundreds-thousands-texas-lose-power-n216851>

Substation Failure Knocks Out Power to Over 22,000 SCE Customers in California October 2

A substation failure knocked out power to over 22,000 Southern California Edison Co (SCE) customers in Santa Barbara and Montecito, California Thursday evening. Power was restored to most customers by 8:00 p.m. PDT, according to a spokesperson for SCE. A substation bank went out, came back on, and went out again, according to the spokesperson. SCE had not determined a cause, however high temperatures may be a factor, as Santa Barbara set a temperature record Thursday with a high of 94 degrees.

http://www.noozhawk.com/article/major_outage_hits_santa_barbara_11400_customers_affected

Southern's 1,152 MW Vogtle Nuclear Unit 1 in Georgia Reduced to 32 Percent by October 3

On the morning of October 2 the unit was operating at full power.

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

Petroleum

Update: Shell to Restart FCCU at Its 327,000 b/d Deer Park, Texas Refinery Over Weekend – Sources

Royal Dutch Shell Plc's was preparing to restart its 70,000 b/d fluidic catalytic cracking unit (FCCU), sources familiar with refinery operations said on Thursday. The sole FCCU at the refinery was expected to begin restarting this weekend and be back in production next week, the sources said. The FCCU was shut on August 18 for repairs after a breakdown.

Reuters, 15:10 October 2, 2014

BP Reports Unit Upset, Emissions at Its 225,000 b/d Cherry Point, Washington Refinery October 1

Reuters, 16:09 October 2, 2014

Natural Gas

EPA Finalizes Greenhouse Gas Permit for Natgasoline's 8 Million Barrel per Year Natural Gas-to-Gasoline Plant in Texas

The Environmental Protection Agency (EPA) on Thursday issued a final greenhouse gas (GHG) Prevention of Significant Deterioration (PSD) construction permit to Natgasoline to construct a new natural gas-to-gasoline facility in Nederland, Texas. The company plans to construct two units: a methanol plant, with a capacity of almost 1.75 million metric tons of methanol per year, as well as a methanol-to-gasoline plant, which will produce over 8 million barrels of gasoline per year. The facility will use natural gas as a feedstock and was expected to start production in late 2016. In June 2010, EPA finalized national GHG regulations, which specify that beginning on January 2, 2011, projects that increase GHG emissions substantially will require an air permit.

<http://yosemite.epa.gov/opa/admpress.nsf/596e17d7cac720848525781f0043629e/e9d7c6523733916d85257d6500657ba6!OpenDocument>

<http://www.gemfuel.com/oci>

Dominion East Ohio Gas Co Crews Repair Gas Pipeline Leak in Ohio October 2

Dominion East Ohio Gas Company crews on Thursday repaired a leaking pipeline near Canton, Ohio, that prompted the evacuation of 170 residents. The gas leak, discovered Wednesday night, was about the size of a nickel and was repaired with a clamp, according to a company spokesperson. Dominion said this was the primary natural gas pipeline for the New Philadelphia market area, according to Dominion. About 200 gallons of oil, a byproduct of years of gas transportation, bubbled up onto the ground from the pipe and into a campground lake. The oil coming from the ground is simply a byproduct of years of gas transportation. Residents got the all clear to return to their homes shortly after 5 p.m. EDT.

<http://www.newsnet5.com/news/local-news/oh-stark/police-fire-crews-and-hazmat-units-at-the-scene-of-stark-co-campgrounds-for-a-natural-gas-leak>

Update: Transco Completes Unplanned Maintenance at Station 515 in Bear Creek, Pennsylvania October 3

Transco said the unplanned maintenance that began July 31 at compressor station 515 in Bear Creek, Pennsylvania has been completed. The company said a separate market and production constraint notice would be posted indicating the availability of non-secondary reverse path (NSRP), secondary FT and interruptible (IT) transportation services.

<http://www.1line.williams.com/1Line/wgp/download?delvid=6045406&hfNoticeFlag=Y&hfDownloadFlag=false&hfFileName=download.html>

<http://www.1line.williams.com/1Line/wgp/download?delvid=5928152&hfNoticeFlag=Y&hfDownloadFlag=false&hfFileName=download.html>

<http://www.1line.williams.com/1Line/wgp/download?delvid=6045431&hfNoticeFlag=Y&hfDownloadFlag=false&hfFileName=download.html>

Fire Breaks Out on Hilcorp's Cook Inlet Natural Gas Platform in Alaska October 2 – USCG

Hilcorp's Cook Inlet natural gas drilling platform in Alaska caught fire on Thursday, prompting the evacuation of four workers and the shut in of its only well, the U.S. Coast Guard said. The platform is located in the center of the upper Cook Inlet Bay approximately 7 miles from shore, according to a USCG spokesperson. The cause of the fire remains unknown. The Coast Guard sent Hercules HC-130 and MH-60 Jayhawk helicopter crews to conduct an overflight of the Baker platform near Nikiski. The Coast Guard also launched the Coast Guard cutter Mustang and diverted the Coast Guard cutter SPAR to the site. A 5-mile-no-fly safety zone at 5,000 feet and a 2-mile safety zone were also established around the platform.

<http://www.uscgnews.com/go/doc/4007/2370114/>

Reuters, 16:39 October 2, 2014

Other News

Nothing to report.

International News

Nothing to report.

Energy Prices

| U.S. Oil and Gas Prices October 3, 2014 | | | |
|--|-------|----------|----------|
| | Today | Week Ago | Year Ago |
| CRUDE OIL West Texas Intermediate U.S. \$/Barrel | 90.05 | 92.49 | 103.46 |
| NATURAL GAS Henry Hub \$/Million Btu | 3.94 | 3.88 | 3.63 |

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