



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

ENERGY ASSURANCE DAILY

Monday Evening, September 29, 2014

Electricity

Strong Thunderstorms Knock Out Power to 121,000 Customers in Arizona September 27

Strong thunderstorms moved across the Phoenix, Arizona area on Saturday knocking out power to 121,000 customers. Arizona Public Service (APS) and Salt River Project (SRP) reported peak outages of 70,000 and 51,000 customers, respectively. The storm came from a low-pressure system with an associated cold front that moved westward through the region, pulling tropical moisture in from the south, according to the National Weather Service. Small hail and wind gusts of up to 40 mph were also reported. As of 12:00 p.m. EDT today, 442 APS and 111 SRP customers remained without power.

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

<https://www.aps.com/en/globalservices/outagecenter/Pages/current-outages.aspx>

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

<https://twitter.com/SRPconnect>

<https://myaccount.srpnet.com/MyAccount/Outages/Public>

<http://www.usatoday.com/story/news/nation/2014/09/27/thousands-without-power-as-storm-slams-phoenix/16351007/>

<http://www.azfamily.com/news/Storms-to-drench-northern-Arizona-Phoenix-277325391.html>

NPPD's 764 MW Cooper Nuclear Unit in Nebraska Shut by September 28

On the morning of September 27 the unit was operating at 88 percent.

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

Crockett LP's 240 MW Crockett Cogeneration Gas-fired Unit in California Returns to Service by September 28

The unit returned from an unplanned outage that began by September 27.

<http://content.caiso.com/unitstatus/data/unitstatus201409281515.html>

Dynegy, LLC's 510 MW Moss Landing Gas-fired Unit 1 in California Reduced by September 28

The unit entered an unplanned curtailment of 260 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201409281515.html>

Update: Calpine's 593 MW Metcalf Gas-fired Unit in California Returns to Service by September 26

The unit returned from an unplanned outage that began by September 24.

<http://content.caiso.com/unitstatus/data/unitstatus201409261515.html>

Exelon Generation to Build Two New 1,000 MW Natural Gas-fired Units in Texas

Exelon Generation announced today that it was planning to build two combined-cycle gas turbine (CCGT) units in Texas. The new units were being built on existing Exelon sites at the Colorado Bend Generating Station, currently a 498 MW natural gas plant in Wharton County, Texas, and the other at the 704 MW Wolf Hollow natural gas plant in Granbury, Texas. Each new unit will add approximately 1,000 MW of capacity to their respective sites.

Construction of the units was expected to begin in 2015 with commercial operation targeted for 2017.

Reuters, 11:00 September 29, 2014

Magellan Announces Its 300,000 b/d BridgeTex Pipeline Begins Commercial Service from the Permian Basin to the Houston, Texas Gulf Coast Area

Magellan Midstream Partners, L.P. and Occidental Petroleum Corporation announced today that the BridgeTex Pipeline began commercial service today, delivering crude oil from West Texas to the Houston Gulf Coast area. Construction of the BridgeTex Pipeline commenced in November 2012 following an initial successful open season in which BridgeTex secured long-term transportation commitments supporting the project. Initial flow rates were expected to ramp up over time, as the BridgeTex Pipeline is capable of transporting up to 300,000 b/d of Permian Basin crude oil.

<http://www.magellanlp.com/magellannewsc.aspx?id=2147483985>

U.S. Crude Oil Exports Reach 401,000 b/d in July – EIA

U.S. crude oil exports reached 401,000 b/d in July, up from the 396,000 b/d in June, government data showed on Monday. Exports to Canada fell to 373,000 b/d from 384,000 b/d in June, according to data from the U.S. Energy Information Administration (EIA). The EIA sources its export data from the U.S. Census Bureau, according to its methodology.

Reuters, 11:15 September 29, 2014

Citgo Reports Flaring at Its 172,045 b/d Lemont, Illinois Refinery September 26

Citgo Petroleum Corp reported a mechanical failure triggered the plant's safety flare system on Friday night at its Lemont, Illinois refinery, according to a notice filed with the Illinois Emergency Management Agency. The flaring lasted for 11 minutes and probably released more than 500 pounds of sulfur dioxide into the atmosphere, according to the notice.

Reuters, 18:26 September 28, 2014

Alon Energy Reported Brief Malfunction at Its 67,000 b/d Big Spring, Texas Refinery September 27

A brief malfunction occurred on pollution control equipment at Alon Energy's Big Spring, Texas refinery on Saturday, according to a notice the refinery filed with the Texas Commission on Environmental Quality. An electrostatic precipitator, which collects particulates coming from the exhaust stack of the refinery's fluidic catalytic cracking unit, malfunctioned, causing an increase in opacity, according to the notice.

Reuters, 17:18 September 28, 2014

Colonial Pipeline Reduces Flow Rates on Lines 19 and 20 to Complete Unplanned Maintenance on Its Nashville, Tennessee Utility Tank

Colonial Pipeline said it was conducting required, unplanned maintenance on its Nashville utility/relief tank.

Colonial said maintenance would require reduced flow rates on lines 19 and 20 until completion, and the tank work was scheduled to be complete by Sunday.

Reuters, 14:59 September 26, 2014

Natural Gas

Regency Reports AGI Shut at Its 290 MMcf/d Waha Gas Plant in Texas September 27

Regency reported the acid gas injector (AGI) went down on low/no flow lube oil. The AGI was reset and restarted once adequate inlet volumes and suction pressure to the AGI compressor was sufficient for continuous operation. The no. 3 recompressor was out of service and being replaced with a rebuilt unit. Gas volumes were reduced.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=204308>

DCP Midstream Reports Turbine Shut at Its 160 MMcf/d Goldsmith Gas Plant in Texas September 26

DCP Midstream reported turbine B inadvertently shut down due to high bearing temperature on the mag gear box. The hot bearing was caused by a faulty vibration switch on the lube oil cooler, which in turn made the cooling fan unable to be restarted, causing high lube oil temperatures. Technicians replaced the faulty vibration switch and replaced damaged fuses. Once repairs were complete on turbine B, operators restarted the turbine, ending the flare event.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=204306>

Update: Tennessee Gas Pipeline Says Texas Station to Be Online by October 3 after Declaring Force Majeure September 17

Kinder Morgan Energy Partners' Tennessee Gas Pipe Line (TGP) on Monday said its Station 409 near Edinburg, Texas was expected back online by October 3 following the completion of repairs. A force majeure event was declared at the station on September 17, affecting about 200 MMcf/d of natural gas flow, the company said. The 13,900-mile pipeline transports natural gas from Louisiana, the Gulf of Mexico, and south Texas to the northeast section of the United States, including New York City and Boston, according to Kinder Morgan's website.

http://pipeline2.kindermorgan.com/Notices/NoticeDetail.aspx?code=TGP¬c_nbr=353487&date=9/29/2014&subject=¬c_type=-1¬c_sub_type=-1¬c_ind=C

http://pipeline2.kindermorgan.com/Notices/NoticeDetail.aspx?code=TGP¬c_nbr=353371&date=9/17/2014&subject=¬c_type=-1¬c_sub_type=-1¬c_ind=C

http://pipeline2.kindermorgan.com/Notices/NoticeDetail.aspx?code=TGP¬c_nbr=353370&date=9/17/2014&subject=¬c_type=-1¬c_sub_type=-1¬c_ind=C

Other News

Nothing to report.

International News

Libya's Oil Output Falls to 900,000 b/d Due to Strike – NOC

Libya's oil output fell by 25,000 b/d to 900,000 b/d due to a strike at its Jalo oilfield, a spokesman for state-run National Oil Corp (NOC) said on Sunday. Libya had reported it was producing 925,000 b/d on Thursday. Reuters, 9:54 September 28, 2014

Energy Prices

U.S. Oil and Gas Prices			
September 29, 2014			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	93.74	91.47	103.55
NATURAL GAS Henry Hub \$/Million Btu	3.90	3.86	3.50

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