



ENERGY ASSURANCE DAILY

Friday Evening, December 02, 2016

Electricity

LG&E Reports Over 10,000 Customers without Power in Kentucky December 2; Cause Under Investigation

LG&E reported approximately 10,063 customers were without power early Friday morning in the Highlands area of Louisville, Kentucky. Power was restored to the majority of customers within three hours and an LG&E spokeswoman said the cause of the outage was under investigation.

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

<http://www.whas11.com/news/local/more-than-10000-without-power-in-highlands/361955992>

Update: TVA's 1,118 MW Browns Ferry Nuclear Unit 2 in Alabama Ramps Up to 90 Percent by December 2

On the morning of December 1 the unit was operating at 21 percent after being reduced from full power on November 29.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

Silver Ridge Power's 200 MW Mount Signal Solar Unit in California Reduced by December 1

The unit entered an unplanned curtailment of 134 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201612011515.html>

PG&E's 119 MW Belden Hydro Unit in California Shut by December 1

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201612011515.html>

Officials Investigating Bullet Damage at REMC Substation in Indiana November 25

Indiana Conservation Officers were investigating the cause of a November 25 power outage at a Heartland REMC substation near Amboy, Indiana after a bullet hole was discovered in the substation transformer that had penetrated the radiator. Additional bullet damage was also apparent on the transformer's shell. REMC personnel also discovered spent rifle cartridges nearby and said damages to the substation were estimated at \$400,000.

<http://wane.com/2016/11/30/bullet-causes-400k-in-damage-to-remc-substation/>

NRC Renews Operating License Through November 1, 2044 at Entergy's 1,266 MW Grand Gulf Nuclear Plant in Mississippi December 1

The U.S. Nuclear Regulatory Commission (NRC) on Thursday renewed the operating license for Entergy Corp's Grand Gulf nuclear plant in Mississippi through November 1, 2044. Grand Gulf has been shut since September 8 to initially repair a water cooling pump, but on September 23, after work on the pump was completed, workers discovered problems with a backup cooling system. According to the Mississippi's Northern District Public Service Commissioner, the plant is scheduled to start back up on January 15. Entergy applied to renew the license in November 2011.

Reuters, 12:12 December 2, 2016

<http://www.nrc.gov/reactors/operating/licensing/renewal/applications/gg1.html>

Petroleum

Update: ExxonMobil Restarts Flexicoker at Its 560,500 b/d Baytown, Texas Refinery December 1 Following Unplanned Repairs – Source

ExxonMobil restarted a flexicoker at its Baytown, Texas refinery early on Thursday after repairs were completed, according to a source familiar with plant operations. The 42,000 b/d flexicoker was shut on November 11 for unplanned repairs.

Reuters, 15:48 December 1, 2016

Shell Reports Leak at Its 285,500 b/d Deer Park, Texas Refinery November 30

Royal Dutch Shell reported a pinhole leak occurred near a motor operated valve at its Deer Park, Texas refinery on November 30. Shell said it was preparing to shut down the CR-3 unit in order to repair or replace the affected valve.

Reuters, 17:22 December 1, 2016

HollyFrontier Reports Emissions at Its 85,000 b/d Tulsa West, Oklahoma Refinery November 29

HollyFrontier reported excess hydrogen sulfide emissions from the #2 alkylation flare at its Tulsa West, Oklahoma refinery on November 29, according to a filing with the Oklahoma Department of Environmental Quality made public on Friday.

Reuters, 15:41 December 2, 2016

Natural Gas

Update: California's DOGGR Expects to Complete Safety Review of SoCalGas' 86 Bcf Aliso Canyon Natural Gas Storage Field in Early 2017

The California Department of Conservation's Division of Oil, Gas, and Geothermal Resources (DOGGR) said it expects to complete its safety review of natural gas wells at Southern California Gas Co.'s (SoCalGas) Aliso Canyon storage facility in early 2017. DOGGR said that 31 of the 114 wells at Aliso Canyon have passed all tests, and the remaining wells remain temporarily sealed. Aliso Canyon was shut after a massive leak was discovered on October 23, 2015, which was not plugged until February 2016. Since February, working inventory at the facility has been restricted to 15 Bcf—supply that has been reserved to minimize gas shortages that could result in electricity outages—and a prohibition on natural gas injections at the field was ordered by the California Public Utilities Commission until DOGGR completes a comprehensive safety review of all wells at the facility. In order to rebuild supplies before the winter heating season, SoCalGas sought state permission to re-inject gas into the facility on November 1, however that request has not yet been granted. California agencies have said in a report that SoCalGas could have a tough time meeting a forecast peak demand of 5.2 Bcf/d on the coldest days this winter without Aliso Canyon. Before the leak, Aliso Canyon was able to deliver almost 1.9 Bcf/d into the Los Angeles Basin gas distribution system.

<http://www.conservation.ca.gov/dog/Pages/AlisoCanyon.aspx>

Reuters, 17:55 December 1, 2016

Other News

Nothing to report.

International News

Libya Plans to Increase Crude Oil Production by 300,000 b/d Following OPEC Deal Exemption – NOC

Libya's state-owned National Oil Corporation (NOC) on Friday said it was planning to raise output by 300,000 b/d to 900,000 b/d in the near future after the country was exempt from the November 30 OPEC agreement to cut oil production. The NOC Chairman said current production was 600,000 b/d, and the increase would depend on lifting a blockade on several pipelines that serve the western production fields of El Feel and Sharara. Libyan oil officials told Reuters that while talks with local tribes blocking the pipelines were moving forward, there was no clear indication yet when the oil will flow again.

Reuters, 11:54 December 2, 2016

Energy Prices

U.S. Oil and Gas Prices			
December 2, 2016			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	51.65	46.62	39.88
NATURAL GAS Henry Hub \$/Million Btu	3.42	2.74	2.15

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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