



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

ENERGY ASSURANCE DAILY

Thursday Evening, October 13, 2011

Electricity

Duke Energy's 1,129 MW Catawba Nuclear Unit 2 in South Carolina Reduced to 65 Percent by October 13

The Nuclear Regulatory Commission reported that on the morning of October 12 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

Luminant's 591 MW Sandow Coal-Fired Unit 4 in Texas Trips Offline October 13

According to a filing with the Texas Commission on Environmental Quality, the unit tripped while at load due to low EFH pressure and was restarted about three hours later.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=160488>

TMPA Shuts 462 MW Gibbons Creek Coal-Fired Unit 1 in Texas to Repair Boiler Tube Leak October 13

The Tampa Municipal Power Authority (TMPA) took its Gibbons Creek coal-fired Unit 1 offline early Thursday to repair a boiler tube leak. The maintenance will span through October 13–14.

Reuters, 09:27 October 13, 2011

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=160477>

LCRA Shuts 460 MW Fayette Coal-Fired Unit 3 in Texas for Repairs October 10; Restarts the Unit October 11

The Lower Colorado River Authority (LCRA) shut the unit on October 10 to repair a leak on a one-inch reheat spray header line at its Fayette Power Project. The leak was discovered on October 9. The unit was scheduled to begin startup on October 11, following the repairs.

Reuters, 18:14 October 12, 2011

Reuters, 18:28 October 12, 2011

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=160485>

NextEra's 493 MW Blythe Gas-Fired Unit in California Reduced by October 12

According to the California Independent System Operator, the unit reported an unplanned curtailment of 253 MW on October 12.

<http://content.caiso.com/unitstatus/data/unitstatus201110121515.html>

North Dakota Regulators Approve Minnesota Power's 105 MW Bison 3 Wind Farm Project, to Review Three Additional Wind Projects with Total Capacity of 245 MW

North Dakota's Public Service Commission on Wednesday approved Minnesota Power's 105 MW Bison 3 wind project. The project involves the construction of 35 turbines in Morton and Oliver counties in west-central North Dakota. The commission also began reviewing three other wind projects, including a project by Meadowlark Wind I LLC to build 63 wind turbines and two projects by companies formed by NextEra Resources to build 30 turbines. In total, these four projects will add 350 MW of power generation capacity.

<http://finance.yahoo.com/news/ND-regulators-reviewing-600M-apf-3689101799.html?x=0&.v=1>

Petroleum

Update: ConocoPhillips Restarts Yellowstone Pipeline in Idaho after Tests Confirm Line's Integrity October 12

ConocoPhillips has restarted a 10-inch underground diesel fuel and gasoline pipeline extending across northern Idaho after a series of tests confirmed the line's integrity. On September 29 the line was shut for operational reasons. Two days later, on October 1, operators detected a pressure drop along a six-mile section of the pipe stretching from the Idaho towns of Cataldo to Enaville. The company then performed a series of tests to determine whether a leak caused the drop in pressure, and it also took environmental precautions by floating booms downstream of where the pipeline is buried under the riverbed of the Coeur d'Alene River.

<http://finance.yahoo.com/news/ConocoPhillips-finds-no-leaks-apf-1978815592.html?x=0&.v=1>

Operators Repair Natural Gas Pipeline Leak at Hess's 70,000 b/d Port Reading, New Jersey Refinery October 13

Hess Corp said on Thursday that operators had secured a 10-inch leak on a natural gas pipeline supplying a boiler and completed repairs at the Port Reading refinery. The company said the incident had no impact on production. Reuters, 09:06 October 13, 2011

Underwater Investigation Confirms No Oil is Leaking from Deepwater Horizon Rig in the Gulf of Mexico after Sheen Detected near the Capped Well September 27

Transocean and the U.S. Coast Guard conducted a two-day underwater investigation to confirm that no oil is leaking from the rig, which sank in April 2010 after BP's Macondo well blew out and caused a massive marine oil spill. The investigation was prompted by sightings of an oil sheen near the capped well on September 27.

Reuters, 16:50 October 12, 2011

Kurdish Officials Announce Plan to Produce 1 MMb/d by the End of 2015

The Kurdish ministry of natural resources said on Thursday that Iraq's semi-autonomous region of Kurdistan plans to produce 200,000 b/d by the end of 2011 and 1 million b/d by the end of 2015.

Reuters, 11:22 October 13, 2011

Natural Gas

Operators Shut Reboiler for Unplanned Maintenance at 130 MMcf/d Midkiff Gas Plant in Texas October 13

Operators shut the reboiler down to puff the sides-bottoms reboiler screen after being limited on gas production for the past eight days due to the NNG Sprayberry plant shutdown, according to a filing with state regulators. Operators are now flaring inlet gas to minimize emissions and have extra crews on standby to help reduce the unit's twelve-hour downtime if possible.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=160417>

Shutdown of Targa Resources's Gas Processing Plant Leads to Flaring at XTO Energy's Russell Compressor Station in Texas October 12-14

Due to equipment problems, Targa Resources's gas processing plant cannot receive produced gas from XTO Energy's Russell Compressor Station. XTO operators are flaring to minimize emissions until Targa repairs its equipment and returns its plant to normal operations.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=160468>

NRC Issues License for Areva's Eagle Rock Uranium Enrichment Plant Project in Idaho October 13

The Nuclear Regulatory Commission (NRC) has issued a license to Areva Enrichment Services LLC (AES) to construct and operate a gas centrifuge uranium enrichment plant in Bonneville County, Idaho. AES will begin construction on the Eagle Rock Enrichment Facility in 2012. The facility will have an annual production capacity of approximately 3.3 million separative work units (SWU), and AES could possibly double that capacity if market conditions are favorable. AES submitted a license application with the NRC on December 20, 2008, and after safety and environmental reviews and hearings, the three-judge Atomic Safety and Licensing Board authorized NRC staff to issue the license on October 7.

<http://www.nrc.gov/reading-rm/doc-collections/news/2011/11-196.pdf>

<http://www.neimagazine.com/story.asp?sectioncode=132&storyCode=2060884>

Energy Prices

U.S. Oil and Gas Prices January 24, 2012			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	83.60	80.66	83.20
NATURAL GAS Henry Hub \$/Million Btu	3.54	3.63	3.40

Source: Reuters

Energy Notes

Southern Co. CEO says U.S. Gas Pipeline Infrastructure Not Adequate to Support Electric Generation Switch from Coal to Natural Gas

<http://www.times-herald.com/local/Southern-Co--CEO-says-United-States--needs-more-coal-fired-power-plants--1883364>

Coalition for Fair Transmission Policy Urges Congress to Review Implications of FERC Order 1000 for Electricity Reliability, Transmission Infrastructure

<http://www.prnewswire.com/news-releases/coalition-for-fair-transmission-policy-urges-congress-to-review-deficiencies-in-ferc-order-1000-131788373.html>

BP, Royal Dutch Shell, ConocoPhillips, and Chevron Approved to Develop Clair Oil Field in U.K. North Sea; Production to Begin in 2016, Peak at 120,000 b/d

<http://www.ft.com/intl/cms/s/0/c705f904-f571-11e0-824e-00144feab49a.html#axzz1af0fjeJV>

<http://finance.yahoo.com/news/4-oil-majors-in-71-billion-apf-4028975183.html?x=0&.v=1>

<http://www.bloomberg.com/news/2011-10-13/bp-and-partners-to-invest-10-billion-pounds-in-four-projects.html?cmpid=yahoo>

Oil Ministry Official Announces Iraq's Plans to Build 300,000 b/d Refinery When Developing Nasiriyah Oil Field South of Baghdad

<http://www.bloomberg.com/news/2011-10-13/iraq-plans-to-build-refinery-when-developing-nasiriyah-oil-field.html?cmpid=yahoo>

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 EDT every Wednesday.

Natural Gas Weekly Update from EIA

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EDT every Thursday.

ENERGY ASSURANCE DAILY

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<http://www.oe.netl.doe.gov/ead.aspx>

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