



ENERGY ASSURANCE DAILY

Wednesday Evening, October 19, 2011

Electricity

Update: FPL's 1,155 MW Seabrook Nuclear Unit 1 in New Hampshire Reduced to 3 Percent by October 19

The Nuclear Regulatory Commission reported that on the morning of October 18 the unit was operating at 16 percent.

Information derived from the NRC Power Reactor Status Reports:

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

Update: Duke Energy's 1,100 MW McGuire Nuclear Unit 1 in North Carolina at Full Power by October 19

The Nuclear Regulatory Commission reported that on the morning of October 18 the unit was operating at 80 percent.

Information derived from the NRC Power Reactor Status Reports:

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

Calpine's 135 MW Gilroy Gas-Fired Unit in California Returns to Service by October 18

According to the California Independent System Operator, the unit reported a return from an unplanned outage that began on October 10.

<http://content.aiso.com/unitstatus/data/unitstatus201110181515.html>

Petroleum

Update: TransCanada Offers Nebraska Oil Spill Protection Measures as Concessions for Proposed Keystone XL Oil Pipeline

TransCanada has offered concessions to Nebraska lawmakers opposing the route of the proposed Keystone XL pipeline, a 700,000 b/d oil sands-derived crude pipeline that will extend from northern Alberta to Texas Gulf Coast refineries. Lawmakers want the pipeline to avoid crossing the Nebraska Sandhills region because it lies over the massive Ogallala Aquifer, from which a large portion of the central United States gets its water. TransCanada has said that a route change would be too costly, but it has offered other protections for the area, including a \$100 million performance bond that would be made available to the state if the company does not clean up a spill in the Sandhills area; a concrete containment structure at a pump station, to stop any oil from mixing with surface water in the event of a spill; and the installation of a pipe coating made of concrete or other materials in areas where the water table is close to the surface.

Reuters, 19:50 October 18, 2011

Loss of Natural Gas Supply Shuts Vapor Combustion Unit 2 at Kinder Morgan's Galena Park Liquids Terminal in Texas October 18

According to a filing with the Texas Commission on Environmental Quality, Tank Vapor Combustion Unit No. 2 shut down due to a loss of natural gas supply from Centerpoint. Kinder Morgan will restart the unit once Centerpoint restores the natural gas supply. The Galena Park terminal has the capacity to store 7.5 million barrels of liquid products, including petroleum, ethanol, and biodiesel.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=160673>

<http://www.kindermorgan.com/business/terminals/gulf/G-GalenaPark2011Aug.pdf>

ConocoPhillips Reports Plant Upset Due to Transformer Fire at Its 247,000 b/d Sweeny, Texas Refinery October 19

Units upset by the fire were in the process of restarting according to a report by the National Response Center. Reuters, 01:19 October 19, 2011

Update: Normal Operations Restored after Power Outage at Valero's 83,000 b/d Houston, Texas Refinery October 18

According to a filing with the U.S. National Response Center on Tuesday, a power outage at Valero's Houston refinery caused a release of hydrogen sulfide, butane, propane, hydrogen oxide, sulfur dioxide, and nitrous oxide from a flare stack. Operators restored power and returned the plant to normal operations, but the release was ongoing.

Reuters, 00:06 October 19, 2011

http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=992901

Natural Gas

Update: Enterprise Begins Service at New 75,000 b/d NGL Fractionator at Its Mont Belvieu, Texas Complex October 18

Enterprise Products Partners L.P. (Enterprise) announced yesterday that it has placed a fifth natural gas liquids (NGL) fractionator into service at its Mont Belvieu, Texas complex. The new unit is operating in excess of its nameplate capacity of 75,000 b/d and increases the total nameplate capacity at the partnership's Mont Belvieu facility to 380,000 b/d. Supported by long-term customer contracts, the new unit provides the fractionation capacity needed to accommodate increasing NGL production from domestic shale plays, including the Eagle Ford and other basins in the Rocky Mountain and mid-continent regions. Enterprise also has plans to build and place a sixth fractionator into service in early 2013, which will bring the total nameplate capacity of Enterprise's Mont Belvieu fractionation facility to more than 450,000 b/d.

<http://phx.corporate-ir.net/preview/phoenix.zhtml?c=80547&p=irol-newsArticle&ID=1618183>

Enterprise Begins Open Season for Proposed Expansion of Skelly-Belvieu NGL Pipeline System in Texas

Enterprise Products Partners L.P. today announced the start of a binding open season being conducted by Skelly-Belvieu Pipeline Company, LLC (Skelly-Belvieu) to seek shipper support for a proposed expansion of the 570-mile Skelly-Belvieu natural gas liquids (NGL) pipeline. The system originates in Carson County, Texas and transports purity products from the mid-continent to Mont Belvieu, Texas, where Enterprise owns and operates approximately 100 million barrels of liquids storage capacity. Depending on shipper response to the open season, the Skelly-Belvieu expansion project can be designed to accommodate approximately 17,000 b/d of incremental annual average capacity to the system. Achieving the additional capacity would involve installing pumps and related equipment and could be available as soon as the fourth quarter of 2012.

<http://phx.corporate-ir.net/preview/phoenix.zhtml?c=80547&p=irol-newsArticle&id=1619037>

Power Loss Briefly Shuts AGI Units 1 and 2 at Enbridge's Tilden Gas Plant in Texas October 18

Operators responded immediately, resetting the acid gas injection (AGI) units and placing them back into service.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=160722>

Other News

Update: Planck Replaces Baard as Developer of 50,000 b/d Ohio River Clean Fuels Project, Plans to Use Natural Gas Instead of Coal to Produce Liquid Transportation Fuels

Planck Trading has replaced Baard Energy as the developer of the Ohio River Clean Fuels Project, which originally commenced the development of a coal liquefaction plant in September 2007. Baard had planned to process 20,000 to 25,000 short tons of coal daily to produce about 50,000 b/d of diesel and naphtha transportation fuels via a Fischer-Tropsch gasification process. Instead, Planck will use approximately 500 MMcf/d of pipeline-quality natural gas to produce the same amount of liquid fuels. Planck reached a settlement Friday with environmental groups that were disputing the proposed coal liquefaction plant.

<http://business-journal.com/planck-natural-gas-in-baard-coal-out-p20207-1.htm>

Gunvor Group Buys Partial Interest in Signal Peak Coal Mine in Montana, Expects Increase in Coal Production from 9 to 15 Million Tons Annually

The FirstEnergy Corp. and Boich Companies subsidiaries that jointly own the Signal Peak coal mine in Montana announced yesterday that Pinesdale LLC, a fully owned subsidiary of the Gunvor Group, Ltd., has purchased a one-third interest in the Signal Peak mine. The transaction is expected to lead to an increase in production at the mine from nine to approximately 15 million short tons annually of stable, high-quality bituminous coal with approximately 50 percent lower sulfur and ash content than typical eastern coal. Signal Peak coal also has lower mercury content and significantly higher heat value than sub-bituminous coal found in the nearby Powder River Basin.

https://www.firstenergycorp.com/newsroom/news_releases/firstenergy_and_boichcompaniessellpartialinterestinsignalpeakcoa.html

Energy Prices

U.S. Oil and Gas Prices			
October 19, 2011			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	88.03	85.58	81.72
NATURAL GAS Henry Hub \$/Million Btu	3.63	3.52	3.43

Source: Reuters

Energy Notes

Nothing to report.

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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