



ENERGY ASSURANCE DAILY

Thursday Evening, December 05, 2013

Electricity

Winter Storm Cleon Threatens Central U.S., Major Power Outages Expected

A severe winter storm is making its way across the central U.S. and is projected to affect several states through Sunday, December 8th. The National Weather Service is predicting heavy rain from parts of the Central Appalachians to the Lower Mississippi Valley, and heavy snow from parts of the Ohio Valley to the Middle Mississippi Valley. As of 3:00PM EST, Ohio reported 1,978 power outages, Tennessee reported 1,446, and Texas reported 2,116. The number of storm-related power outages is expected to significantly increase as the storm intensifies and moves south and east.

<http://www.hpc.ncep.noaa.gov/discussions/hpcdiscussions.php?disc=pmdspd>

PSE&G's 1,049 MW Hope Creek Nuclear Unit 1 in New Jersey Shut by December 5

On the morning of December 4 the unit was operating at 16 percent, according to the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

Exelon's 802 MW Three Mile Island Nuclear Unit 1 in Pennsylvania Reduced to 73 Percent by December 5

On the morning of December 4 the unit was operating at full power, according to the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

Update: APS's 1,247 MW Palo Verde Nuclear Unit 3 in Arizona Ramps Up to 97 Percent by December 5

On the morning of December 4 the unit was operating at 56 percent after being shut due to an automatic reactor trip following the loss of the 1A reactor coolant pump on December 2, according to the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

Entergy's 653 MW Pilgrim Nuclear Unit in Massachusetts Shut Due to Steam Leak December 3

Entergy Inc. reported its Pilgrim nuclear plant near Plymouth, Massachusetts shut down Tuesday after a steam leak was detected on a valve that provides sealing steam to the main turbine. The leak, which was not nuclear safety related, required the reactor be shut down to make repairs, according to the Nuclear Regulatory Commission.

<http://plymouth.patch.com/groups/pilgrim-nuclear-power-station-news/p/steam-leak-causes-shutdown-at-pilgrim-nuclear-plant>

Omaha Public Power Says Its 482 MW Fort Calhoun Nuclear Plant Ready to Restart, NRC Reviewing Report December 3

Omaha Public Power District submitted a report to the Nuclear Regulatory Commission (NRC) this week making the case that its Fort Calhoun nuclear power plant is ready to restart. The plant was initially shut down for routine maintenance in April 2011 but significant flooding, a small fire, and a series of safety violations forced it to remain closed. An NRC spokesperson said regulators are still reviewing the latest repairs before a final decision is made.

<http://www.nebraska.tv/story/24136612/neb-utility-says-idle-nuke-plant-ready-to-restart>

Petroleum

TransCanada Will Start Keystone South Oil Deliveries to Texas Refining Belt January 3

TransCanada expects to begin delivering oil on January 3 to Texas on the southern portion of its Keystone pipeline, allowing more crude to leave a key delivery hub in Oklahoma. TransCanada's Gulf Coast pipeline can carry 700,000 b/d of crude to Port Arthur, Texas, from Cushing, Oklahoma. TransCanada began construction of the pipeline in August 2012 and after the line's initial capacity is reached, it will be able to expand to 830,000 b/d.

<http://www.hydrocarbonprocessing.com/Article/3285919/Latest-News/TransCanada-to-start-Keystone-South-oil-deliveries-to-Texas-refining-belt.html>

Natural Gas

Southern Union Reports High Pressure in SRU at Its Keystone Gas Plant in Texas December 3

Southern Union reported high pressure in the sulfur recovery unit (SRU) D bed causing the sulfur seals to blow. Flaring was ongoing and intermittent as technicians tried to burn out the plug in the bed.

<http://www11.tceq.state.tx.us/occeer/index.cfm?fuseaction=main.getDetails&target=191567>

Other News

Nothing to report.

International News

Kazakhstan's Kashagan Oil Field Production to Resume in Early 2014 After Pipeline Checks

Kazakhstan's Kashagan oilfield won't resume production before early next year after partners in the project inspect 132 miles of pipelines. A full inspection of both oil and gas pipelines will be done using a probe known as an intelligent pig before starting the field, according to the North Caspian Operating Co., the field's operator. Kashagan was producing about 60,000 b/d before a leak stopped the field on October 9.

<http://www.bloomberg.com/news/2013-12-05/kashagan-output-won-t-resume-until-early-2014-after-pipe-checks.html?cmpid=yahoo>

Energy Prices

U.S. Oil and Gas Prices			
December 5, 2013			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	97.81	92.11	87.07
NATURAL GAS Henry Hub \$/Million Btu	4.11	3.87	3.38

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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