



ENERGY ASSURANCE DAILY

Wednesday Evening, January 06, 2016

Electricity

NRC Says Nuclear Plants along Mississippi, Missouri Rivers Not Adversely Affected by Heavy Rain January 5

The U.S. Nuclear Regulatory Commission (NRC) said on Tuesday that nuclear plants along the Missouri and Mississippi rivers were not expected to be adversely affected by flooding and heavy rains during the week ending January 1, 2016, which have caused near-record flooding along sections of the Mississippi, Missouri, and Illinois Rivers. Along the Missouri River, Omaha Public Power District's 478 MW Fort Calhoun nuclear generating station and Nebraska Public Power District's 764 MW Cooper nuclear station were not expected to be affected, the NRC added. Ameren Corp's 1,190 MW Callaway plant in Missouri and Entergy Corp's 1,823 MW Arkansas Nuclear One in Russellville, Arkansas, have not been affected by heavy rains and no impact was predicted, the regulator said. Plants in the vicinity of the Mississippi River, such as 1,207 MW Grand Gulf in Mississippi, and 974 MW River Bend and 1,159 MW Waterford in Louisiana, all operated by Entergy, were also not likely to be affected by the adverse weather, the NRC added. The Mississippi River crested last week near St. Louis, Missouri causing concern for energy assets downriver as the flood waters recede south towards the Gulf of Mexico.

<http://public-blog.nrc-gateway.gov/2016/01/05/nrc-keeping-an-eye-on-water-levels-along-the-mississippi-and-missouri-rivers/>

Update: Progress Energy's 710 MW Robinson Nuclear Unit 2 in South Carolina at Full Power by January 6

On the morning of January 5 the unit was operating at 79 percent, reduced from full power on January 4.

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

Entergy's 1,207 MW Grand Gulf Nuclear Unit 1 in Mississippi Ramped Up to 99 Percent by January 6

On the morning of January 5 the unit was operating at 80 percent, reduced from 99 percent on January 4.

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

Luz Solar Partners' 184 MW Aggregate Solar Units 8-9 in California Shut by January 5

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201601051515.html>

Petroleum

Tesoro Reports Unit Shutdowns, Emissions Due to Power Loss; Startup Activities Ongoing at Its 166,000 b/d Martinez, California Refinery January 6

Tesoro Corp reported on Wednesday that startup activities at its Martinez, California refinery near San Francisco have entered a third day following a power outage that occurred on January 2. A power failure at substation 7 on January 2 resulted in sulfur dioxide emission, flaring, and shutdown of multiple units at the refinery.

Reuters, 16:00 January 6, 2016

Reuters, 15:13 January 6, 2016

Update: Valero Reports All Units Back Online at Its 265,000 b/d Jean Gaulin, Quebec Refinery January 3 Following Leak December 30

Valero Energy Corp said all refining units were back online and fully operational January 3 after a piping leak was discovered last week.

Reuters, 8:42 January 6, 2016

Phillips 66 Reports Emissions at Its 200,000 b/d Ponca City, Oklahoma Refinery December 28, 30

Phillips 66 Corp reported excess carbon monoxide from the fluid catalytic cracking unit regenerator on December 28 and excess carbon monoxide from a reactor preheater on December 30 at its Ponca City, Oklahoma refinery.

Reuters, 11:53 January 6, 2016

HollyFrontier Reports Emissions at Its 70,300 b/d Tulsa East, Oklahoma Refinery December 30

HollyFrontier reported emissions at its Tulsa East, Oklahoma refinery on December 30, according to a filing with the Oklahoma Department of Environmental Quality.

Reuters, 11:58 January 6, 2016

CVR Reports Malfunction at Its 70,000 b/d Wynnewood, Oklahoma Refinery January 1

CVR Energy Inc reported a malfunction and excess opacity from the fluid catalytic cracking unit regenerator at its Wynnewood, Oklahoma refinery on January 1, according to a filing with the Oklahoma Department of Environmental Quality.

Reuters, 11:49 January 6, 2016

Valero Says New Crude Unit Commissioned at Its 205,000 b/d Corpus Christi, Texas Refinery December 2015

Valero Energy Corp said a new 70,000 b/d crude unit started operation in December 2015 at its Corpus Christi, Texas refinery. The company also expects a hydrocracker expansion at its 215,000 b/d Norco, Louisiana refinery to be completed in the first half of 2016.

Reuters, 9:38 January 6, 2016

Phillips 66 Reports Emissions at Its Borger, Texas Refinery January 6

Phillips 66 reported emissions, expected to be less than 6 hours, from the unit 40 boiler stack at its Borger, Texas refinery.

Reuters, 1:08 January 6, 2016

U.S. Gasoline Stocks Surge Highest Since 1993; Oil Inventories Fall – EIA

U.S. crude stocks fell unexpectedly last week and gasoline stocks surged the most since 1993, data from the Energy Information Administration (EIA) showed on Wednesday. Crude inventories fell by 5.1 million barrels in the last week, compared with analysts' expectations for an increase of 439,000 barrels. Crude stocks at the Cushing, Oklahoma delivery hub rose by 917,000 barrels, to a new record high, EIA said. Gasoline stocks rose by 10.6 million barrels, compared with analysts' expectations in a Reuters poll for a 2.3 million barrels gain. The gasoline build was the highest since 1993.

Reuters, 10:43 January 6, 2016

North Dakota Public Service Commission Approves Sacagawea's 140,000 b/d Oil Pipeline beneath Lake Sakakawea

The North Dakota Public Service Commission on Tuesday approved a crude oil pipeline that will cross under Lake Sakakawea. The 70-mile pipeline will transport oil from south of Keene in McKenzie County to a rail terminal near Palermo in Mountrail County. The project will travel beneath the lakebed of Lake Sakakawea for 7,000 feet, which requires boring underground for 11,000 feet. The company is taking several steps to minimize potential impacts to the lake, including boring at least 100 feet under the lakebed. At the commission's request, the company added an extra valve on the east side of the lake that can be closed in the event of an emergency to reduce the amount of oil that could potentially spill into the lake.

<http://www.sacagawepipeline.com/>

<http://www.grandforksherald.com/news/region/3917539-state-approves-oil-pipeline-run-under-lake-sakakawea>

C12 Energy North Dakota Pipeline Spills Oil, Saltwater January 4

According to the North Dakota State Health Department, an estimated 10 barrels of oil and 140 barrels of saltwater were released at a site operated by C12 Energy North Dakota LLC on Monday. State officials from the Oil and Gas Division were monitoring the cleanup of a pipeline leak at the company's site in Stark County. The Health Department said there does not appear to be any surface water impacts.

http://www.ndhan.gov/data/mrNews/2016-01-05-OilBrineSpillStarkCo_FINAL.pdf

Reuters, 12:31 January 6, 2016

Natural Gas

Update: Governor Brown Declares State of Emergency Due to Ongoing Methane Leak from SoCal Gas' 86 Bcf Aliso Canyon Underground Storage Field in California January 6

California Governor Jerry Brown on Wednesday declared the methane leak from Southern California Gas Co.'s (SoCal Gas) Aliso Canyon underground storage field an emergency and vowed to protect public health and safety. The governor's office said in a statement it was establishing an incident command structure to coordinate local, state and federal response to the leak and stop it as soon as possible. The methane leak was discovered on October 23 at the Aliso Canyon storage site just outside the Los Angeles neighborhood of Porter Ranch, forcing thousands of residents to relocate.

<https://www.gov.ca.gov/news.php?id=19264>

<http://www.reuters.com/article/los-angeles-gas-leak-idAFL1N14Q2DD20160106>

Dominion Reports Unit 1 at Its Quantico Compressor Station in Virginia Unavailable January 6

Dominion on Wednesday reported unit 1 at its Quantico Compressor Station was unavailable until further notice after an unplanned outage. As a result, Dominion will only accept shipper increases for deliveries south of Quantico by shippers with primary delivery rights south of Quantico Compressor Station for the remainder of gas day January 6. Effective beginning gas day January 7 and continuing until the completion of unplanned maintenance, all deliveries scheduled south of Quantico Compressor Station will require primary delivery rights to a location south of Quantico.

https://escript.dom.com/jsp/info_post.jsp?&company=dti#

Other News

Nothing to report.

International News

Update: Pumping Resumes on Iraq Oil pipeline to Turkey's Ceyhan – Turkish Official

Pumping resumed on a pipeline carrying Iraqi oil exports to the Turkish port of Ceyhan on Wednesday after a 10-hour closure caused by a technical fault on the Turkish side of the border, a senior Turkish energy official said.

Two sources at Iraq's state-run North Oil Company said earlier that the exports had stopped on Wednesday morning, but did not know when the flow would resume.

Reuters, 11:44 January 6, 2016

Update: Five Oil Tanks on Fire at Libyan Ports after Clashes

Fires caused by fighting between Islamic State militants and guards near Libya's biggest oil ports have spread to five oil storage tanks that were still burning on Wednesday, a guards spokesman said. Four of the fires are at Es Sider and one at Ras Lanuf. Two blazes were triggered by shelling from Islamic State, and fire had spread to three more. An oil official in eastern Libya said each of the four oil tanks was estimated to contain 420,000 to 460,000 barrels of oil. Es Sider and Ras Lanuf have been closed since December 2014.

Reuters, 8:42 January 6, 2016

Energy Prices

U.S. Oil and Gas Prices			
January 6, 2016			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	33.92	36.54	47.93
NATURAL GAS Henry Hub \$/Million Btu	2.32	2.37	3.21

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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