



ENERGY ASSURANCE DAILY

Friday Evening, February 24, 2017

Electricity

Bluewater Power Reports Brief Power Outage Due to Animal Interference at Substation in Ontario February 23

Bluewater Power on Thursday reported 12,000 customers were without power in Sarnia, Ontario after a squirrel interfered with equipment at its Hydro One station. Power was restored within a few hours.

<https://twitter.com/BluewaterPower>

http://www.upi.com/Odd_News/2017/02/23/Wandering-squirrel-leaves-12000-Canadians-without-power/2161487869623/

Duke Energy's 1,100 MW McGuire Nuclear Unit 2 in North Carolina Shut on February 23

The unit shut from full power due to reactor coolant system pressure boundary leakage.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2017/>

<https://www.nrc.gov/reading-rm/doc-collections/event-status/event/2017/20170224en.html>

Entergy's 1,207 MW Grand Gulf Nuclear Unit 1 in Mississippi Reduced to 74 Percent by February 24

On the morning of February 23, the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2017/>

SDG&E Unveils New 30 MW Lithium Ion Battery Energy Storage Facility in California February 24

San Diego Gas & Electric (SDG&E) in partnership with AES Energy Storage on Friday unveiled the world's largest lithium-ion battery energy storage facility in Escondido, California. The 30 MW energy storage facility is capable of storing up to 120 MW hours of energy. By 2030, the company expects to develop or interconnect more than 330 MW of energy storage on the system.

<http://www.prnewswire.com/news-releases/sdge-unveils-worlds-largest-lithium-ion-battery-energy-storage-facility-300413077.html>

Florida Supreme Court Rejects FPL's 2,200 MW Turkey Point Nuclear Power Plant Expansion Project February 24

The Florida Supreme Court on Friday upheld a lower court ruling that ordered Florida Power & Light's (FPL's) nuclear plant expansion project be redone to meet environmental and other concerns. Last year, the 3rd District Court of Appeal in Miami reversed a 2014 decision by Gov. Rick Scott and the Cabinet to approve construction of two nuclear reactors by FPL at its Turkey Point plant near Homestead. The project would add about 2,200 MW of electric power.

http://jweb.flcourts.org/pls/docket/ds_docket?p_caseyear=2016&p_casenummer=2277

Reuters, 15:01 February 24, 2017

Snow Obstructs Crude Oil Truck Deliveries to Utah Refineries Impacted By Plains' 100,000 b/d Wahsatch Crude Oil Pipeline Outage February 24; Plains Coordinating with Landowner to Obtain Necessary Authorizations to Complete Pipeline Repairs

Refiners and pipeline shippers in the Salt Lake City area were facing new delays obtaining crude oil after a recent pipeline outage was followed by snow on Friday, making it difficult to deliver alternative crude oil supplies to the refineries by truck. The Utah Department of Transportation issued a road weather alert through Friday afternoon due to snow showers, which was making trucking operations around Salt Lake City difficult, according to two sources. Tesoro Corp and HollyFrontier have been replenishing crude supplies with truck deliveries after Plains All American Pipeline shut down its 100,000 b/d Wahsatch pipeline late in the week ending February 11 following the detection of soil movements in the pipeline's right-of-way. Tesoro resumed production at reduced rates at its 57,500 b/d Salt Lake City refinery earlier this week after it was shut on Thursday, February 16, due to the pipeline outage, as well as planned maintenance, which was completed on Wednesday. A HollyFrontier executive on Wednesday said the company's 45,000 barrel per stream day (b/sd) Woods Cross refinery, located just north of Salt Lake City, was running at reduced rate of 30,000–31,000 b/d, versus the high-30,000s. HollyFrontier first reported the refinery was running below capacity on Thursday, February 16. Chevron's 53,000 b/d Salt Lake City refinery, which receives some crude supply from the 10-inch, Chevron-operated Salt Lake City crude pipeline, has not been impacted, according to the company. In a notice to shippers on Tuesday, Plains said it expected to restart operations on the pipeline within five to seven days of receiving the necessary work authorizations to conduct repairs. Three sources familiar with the situation said the landowner will not allow Plains crews on a private ranch to complete temporary repairs. The 16-inch Wahsatch pipeline is one of three crude oil pipelines into the Salt Lake City refinery market with origin locations near Evanston, Wyoming. Regular unleaded gas prices in Salt Lake City were averaging \$2.31 a gallon on Friday, up from \$2.24 a week ago, or about 3 percent, according to AAA. Reuters, 13:34 February 24, 2017

<http://www.chevronpipeline.com/tariffs/pdf/F1167.11.0%20SL%20Crude.pdf>

PES Reports Equipment Malfunction at Its 335,000 b/d Philadelphia, Pennsylvania Refinery February 17

Philadelphia Energy Solutions (PES) reported an equipment malfunction in unit 1232 at the Girard Point section of its Philadelphia, Pennsylvania refinery on February 17, according to a filing with state pollution regulator made public on Friday.

Reuters, 16:23 February 24, 2017

Imperial Oil Restarts Operations at Its 121,000 b/d Sarnia, Ontario Refinery February 24 after Operating Issue February 23

Imperial Oil on Thursday night issued an all clear at its Sarnia, Ontario refinery after an internal operating issue was discovered earlier in the evening. The company on Friday said it was investigating the cause of the issue and was in the process of restoring operations to normal. There were no injuries reported and the refinery continued to meet its contractual commitments. Energy industry intelligence service Genscape on Thursday reported multiple units were shut down at the refinery and emissions were observed from a coker and a fluid catalytic cracking unit. Imperial's fire personnel also assisted in extinguishing a small grass fire on the property south of the company site, according to the community line message.

<http://www.imperialoil.ca/en-ca/company/media/news-releases/170223-sarnia-grass-fire>

Reuters, 15:58 February 24, 2017

U.S. Oil Rigs Increase to 602 February 24 – Baker Hughes

U.S. drillers added oil rigs for a sixth consecutive week, extending a nine-month recovery as shale producers ramp up spending to take advantage of a recovery in oil prices, energy services firm Baker Hughes said on Friday. Drillers added five oil rigs in the week to February 24, bringing the total count up to 602, the most rigs since October 2015. During the same week a year ago, there were 400 active oil rigs.

Reuters, 13:05 February 24, 2017

Enbridge Reports Unscheduled Maintenance at Its Tilden Gas Plant in Texas February 22

Enbridge reported an outage at its Tilden gas plant to repair a grease fitting leak on the disposal well. Gas flow and processing were curtailed to minimize flare time. Once the repairs were completed, the system was brought back on line.

<http://www2.tceq.texas.gov/oce/eeer/index.cfm?fuseaction=main.getDetails&target=253193>

Update: ANR Extends Capacity Restriction for Its Southeast Area Pipeline Segment in Louisiana February 24

ANR on Friday was continuing unplanned compressor maintenance at its Eunice Compressor Station in Louisiana located in the Southeast Area Fuel Segment 1. As a result, ANR will restrict delivery capacity by 221 MMcf/d, leaving 381 MMcf/d available, from February 24 through March 31. Based on current eastbound nominations through the Eunice Compressor Station, it is anticipated that the above reductions may result in the curtailment of IT and Firm Secondary nominations. Capacity was first reduced on the segment on January 30; it was scheduled to be reduced through February 28, however, this notice will extend reductions through March 31.

<http://anrebb.transcanada.com/>

U.S. Natural Gas Rig Count Decreases to 151 February 24 – Baker Hughes

The number of rigs drilling for natural gas in the U.S. fell by 2 this week to 151, data from oil services firm Baker Hughes showed on Friday.

Reuters, 13:00 February 24, 2017

South Jersey Gas Receives Regulators' Approval for Its Natural Gas Pipeline in New Jersey February 24

The New Jersey Pinelands Commission on Friday voted to approve a plan by South Jersey Gas to run a 22-mile natural gas pipeline through the federally protected Pinelands preserve, where development is drastically restricted. South Jersey Gas plans to run the pipeline mostly under or alongside existing roads from Maurice River Township in Cumberland County to the B.L. England power plant in Upper Township. Supporters say the pipeline will increase energy reliability, while environmentalists fear damage to the pristine Pinelands region. The company said it already operates over 1,400 miles of gas mains and 133 miles of elevated pressure lines within the Pinelands without harming the environment.

Other News

Nothing to report.

International News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
February 24, 2017			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	53.94	53.36	30.15
NATURAL GAS Henry Hub \$/Million Btu	2.60	2.82	1.83

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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