



ENERGY ASSURANCE DAILY

Friday Evening, April 22, 2016

Electricity

Update: Progress Energy's 811 MW Brunswick Nuclear Unit 2 in North Carolina at Full Power by April 22

On the morning of April 21 the unit was operating at 86 percent, reduced from full power on April 19.

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

Update: Southern's 856 MW Hatch Nuclear Unit 1 in Georgia Restarts, Ramps Up to 20 Percent by April 22

The unit was shut on April 20 from 91 percent power.

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

Exelon's 1,022 MW Clinton Nuclear Unit in Illinois Reduced to 58 Percent by April 22

On the morning of April 21 the unit was operating at 85 percent.

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

Update: DTE's 1,089 MW Fermi Nuclear Unit 2 in Michigan Ramps Up to 93 Percent by April 22

On the morning of April 21 the unit was operating at 62 percent, reduced from full power on April 18 for testing in order to identify the location of a "fuel defect," or a pinhole-sized leak in a fuel rod. The company said the potential leak was discovered during routine monitoring and that the plant remains in a safe, stable condition, just temporarily at a lower power level.

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

Reuters, 6:28 April 18, 2016

Exelon's 855 MW Quad Cities Nuclear Unit 1 in Illinois Reduced to 87 Percent by April 22

On the morning of April 21 the unit was operating at full power.

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

Solar Partners' 123 MW Ivanpah Solar Unit 1 in California Shut by April 21

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201604211515.html>

NRC Awards High Safety Rating to TVA's 1,118 MW Browns Ferry Nuclear Plant in Alabama April 19

The U.S Nuclear Regulatory Commission (NRC) on Tuesday reported that Tennessee Valley Authorities' (TVA) Browns Ferry nuclear plant will no longer be under strict scrutiny for the remainder of 2016. The decision comes after an investigation at the plant revealed corrective actions were taken by the plant's officials to identify safety issues previously found during a November 2015 inspection conducted by the NRC.

http://www.enewscourier.com/news/nrc-awards-browns-ferry-high-safetyrating/article_ffa416b2-0749-11e6-ae69-537a2e4a3764.html

Update: LyondellBasell's 263,776 b/d Houston, Texas Refinery to Operate at 75 Percent Capacity during Several Unit Repairs; Small CDU Could Restart within 2 Weeks – Sources

LyondellBasell Industries said on Friday its Houston refinery will run at 75 percent of its 263,776 b/d operable capacity in the second quarter of 2016 while several unit repair activities are ongoing at the facility. Since April 8, the refinery has been operating at 85,000 b/d, or 32 percent of its capacity due to the major fire from a 42,000 b/d coking unit as well as the shutdown of a 120,000 b/d crude distillation unit (CDU) and two 91,000 b/d vacuum distillation units (VDUs). According to the company, the repairs will cost between \$40 million and \$70 million, and are expected to be completed by the end of the second quarter. The length of time to repair the coking unit was extended from six weeks to three months on Wednesday. Gulf Coast market sources said on Thursday that the 120,000 b/d CDU could restart within two weeks after being shut due to the discovery of leaks in its attached VDU. The refinery's 147,000 b/d CDU continues to operate, but at reduced production levels because its VDU has also been shut by leaks.

Reuters, 14:14 April 22 2016

Reuters, 15:53 April 21, 2016

Petco Petroleum Reports 300 Barrel Crude Oil Spill from Pipeline near Saint Elmo, Illinois April 21

Petco Petroleum Corp. on Thursday reported about 300 barrels of crude oil spilled from a 6-inch pipeline near Saint Elmo, Illinois, according to a filing with the Illinois Emergency Management Agency.

<http://tier2.iema.state.il.us/FOIAHazmatSearch/HazmatDetails.aspx?RptNum=H-2016-0317>

Reuters, 4:17 April 22, 2016

Kinder Morgan Cancels Its 167,000 b/d Palmetto Pipeline Project from South Carolina to Florida

Kinder Morgan Inc. cancelled its Palmetto liquids pipeline project, citing unfavorable action by the Georgia legislature regarding eminent domain. The Palmetto pipeline was intended to transport gasoline, diesel, and ethanol from Louisiana and Mississippi to South Carolina, Georgia, and Florida. The project included expansion of Kinder Morgan's 700,000 b/d Plantation Pipeline between Baton Rouge, Louisiana, and Belton, South Carolina as well as 360 miles of new pipeline between Belton and Jacksonville, Florida.

<http://www.oj.com/articles/2016/04/kinder-morgan-cancels-northeast-energy-direct-palmetto-pipelines.html>

<http://ir.kindermorgan.com/press-release/kindermorgan/kinder-morgan-generates-more-12-billion-distributable-cash-flow-first-qua>

Phillips 66 Partners, Energy Transfer Partners, Sunoco Logistics Announce Start of Commercial Operations on Bayou Bridge Pipeline from Texas to Louisiana April 21

Bayou Bridge Pipeline, LLC, a joint venture between Phillips 66 Partners L.P., Energy Transfer Partners, L.P., and Sunoco Logistics Partners L.P., announced on Thursday the first leg of its Bayou Bridge crude oil pipeline commenced commercial operations from Nederland, Texas, to Lake Charles, Louisiana, where the company has agreed to connect to Phillips 66 Partners' Clifton Ridge terminal and Citgo's 427,800 b/d Lake Charles refinery. In addition, Bayou Bridge completed a successful binding open season to expand the system with a 24-inch extension segment from Lake Charles to St. James, Louisiana oil hub with connections to Plains Marketing, L.P.'s and NuStar Energy L.P.'s crude oil terminals. The second segment remains on schedule to start up in the second half of 2017.

<http://unitholder.phillips66partners.com/newsroom/news-release-details/2016/Phillips-66-Partners-Energy-Transfer-Partners-and-Sunoco-Logistics-Announce-Start-of-Commercial-Operations-on-Bayou-Bridge-Pipeline/default.aspx>

Reuters, 18:47 April 21, 2016

Pembina Pipeline Receives AEB Approval for Phase III Pipeline Expansions in Alberta April 21

Pembina Pipeline Corporation on Thursday announced it received approval from the Alberta Energy Regulator (AER) relating to the construction of two 168-mile, 24- and 16-inch pipelines between Fox Creek and Namao, Alberta, as part of a series of projects that form the company's Phase III expansions. Once complete, Pembina will have four pipelines in the Fox Creek to Namao corridor, with an initial total design capacity across the company's Peace and Northern systems of approximately 900,000 b/d and expandable up to 1.2 million b/d. Each of the four pipelines will transport different products—crude oil, condensate, propane-plus, and ethane-plus. The company anticipates an in service date of mid-2017.

<http://www.pembina.com/media-centre/news-releases/news-details/?nid=135325>

Natural Gas

Update: Crimson Resource Management's Oil, Gas Leak at Aliso Canyon Due to Failed Rubber Seal – California Department of Conservation

The California Department of Conservation reported that a failed rubber seal was the cause for about 80 gallons of oil mixed with water and natural gas to spill from a Crimson Resource Management-owned well at the Aliso Canyon natural gas storage field near Porter Ranch. Oil production was halted at the well and removal of all contaminated soils and plant material was completed the same day, according to a spokesman with the California Department of Conservation. While Crimson has made the needed repairs, the operator had yet to return the well to production as of Wednesday, officials said. The Department's Division of Oil, Gas & Geothermal Resources does not believe there was any gross negligence involved requiring any penalties, a spokesman for the California Department of Conservation said. Crimson operates 12 oil production wells in the Aliso Canyon field, of which four are active, according to state regulators.

<http://www.dailynews.com/general-news/20160421/latest-aliso-canyon-oil-and-gas-leak-due-to-failed-rubber-seal>

Other News

Nothing to report.

International News

Update: Kazakhstan's Kashagan Oil Project to Be Re-Launched in June 2017

Kazakhstan's Kashagan oil project will likely be re-launched in June 2017, the first vice president of China National Petroleum Corp. said on Thursday. At the end of 2015, the Kazakhstan economy ministry said it planned to start commercial oil production at the Caspian offshore oil field in December 2016. The Kashagan project was initially launched in September 2013, but production was stopped a few weeks later after gas leaks were detected in its pipelines. According to the U.S. Energy Information Administration, Kashagan has an estimated 13 billion barrels of oil in proved reserves.

http://www.rigzone.com/news/oil_gas/a/144129/Kazakhstans_Kashagan_Oil_Project_to_be_Launched_in_June_2017#sthash.oPIpMfW.dpuf

<https://www.eia.gov/todayinenergy/detail.cfm?id=13011>

Energy Prices

U.S. Oil and Gas Prices			
April 22, 2016			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	42.68	40.35	56.12
NATURAL GAS Henry Hub \$/Million Btu	1.94	1.92	2.57

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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