



ENERGY ASSURANCE DAILY

Friday Evening, December 20, 2013

Electricity

Update: Exelon's 619 MW Oyster Creek Nuclear Unit in New Jersey Ramped Up to 80 Percent by December 20

On the morning of December 19 the unit was operating at 1 percent after restarting December 18, according to the Nuclear Regulatory Commission. The unit was shut December 14 for maintenance on a system that controls its turbine valves that cannot be performed while the plant is generating electricity.

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

Update: Exelon's 1,022 MW Clinton Nuclear Unit in Illinois Ramped Up to 97 Percent by December 20

On the morning of December 19 the unit was operating at 77 percent, according to the Nuclear Regulatory Commission. The unit restarted by December 15 after reporting a manual reactor trip from 18 percent power during a feed pump swap on December 13.

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

PSEG's 19.3 MW Badger 1 Solar Farm in Arizona Completed

PSEG Solar Source on Thursday announced completion of its 19.3 MW Badger 1 solar farm located west of Phoenix, Arizona. The Arizona Public Service Company will purchase the electricity produced by the facility through a 30-year agreement.

<http://pseg.com/info/media/newsreleases/2013/2013-12-19.jsp#.UrRiFPRDsSk>

Petroleum

Marathon Shuts Hydrotreater Unit at Its 120,000 b/d Detroit, Michigan Refinery December 20

Marathon Petroleum Corp. said on Friday that a hydrotreater unit was shut following a leak that led to a release of materials at its Detroit, Michigan refinery. The company did not mention an estimated date of return for the unit. Earlier the company reported to environment regulators that there was a leak in the unit leading to emissions at the refinery.

Reuters, 7:43 December 20, 2013

Phillips 66 Reports Process Upset at Its 146,000 b/d Borger, Texas Refinery December 20

Phillips 66 reported a process upset at its refinery in Borger, Texas, according to a filing with state pollution regulators on Friday. The company reported emissions from a fluid catalytic cracker and a gas oil hydrodesulphurizer.

Reuters, 5:19 December 20, 2013

Phillips 66 Reports Wet Gas Compressor Trip at Its 362,000 b/d Wood River, Illinois Refinery December 20

Phillips 66 reported a wet gas compressor tripped at its Wood River refinery in Roxana, Illinois, according to a filing with the Illinois Emergency Management Agency. The loss of the compressor led to sulfur dioxide emissions, the filing said.

Reuters, 4:12 December 20, 2013

Motiva Reports Unit Snag at Its 233,500 b/d Norco, Louisiana Refinery December 20

Motiva Enterprises reported emissions due to a unit compressor upset at its facility in Norco, Louisiana, according to a filing with regulators.

Reuters, 00:41 December 20, 2013

Citgo Shuts Platformer Unit After Fire at Its 163,000 b/d Corpus Christi, Texas Refinery December 19

Citgo Petroleum Corp. said a 20,000 b/d gasoline-additive platformer unit will remain offline for repairs after a small fire broke out at its Corpus Christi, Texas, refinery on Thursday evening. Citgo said the fire on platformer no. 4 was soon extinguished and the company was investigating the cause of the incident.

Reuters, 23:42 December 19, 2013

Update: Tesoro Reports Unit Start Ups at Its 166,000 b/d Martinez, California Refinery December 17, 18

Tesoro Corp. reported the start up of two units at its Golden Eagle refinery in Martinez, California between Tuesday and Wednesday, according to filings with Contra Costa Health Services. The filings did not specify the units involved. The company had earlier reported a major unit shutdown on December 17 and said it was performing unscheduled maintenance on an unspecified unit at the refinery.

Reuters, 20:42 December 19, 2013

Chevron Reports Flaring at Its 245,000 b/d Richmond, California Refinery December 19

Flaring was reported at Chevron Corp.'s Richmond, California refinery on Thursday morning, the Contra Costa Times said. There may have been additional flaring at the refinery on Thursday, the report said.

Reuters, 15:29 December 19, 2013

Canadian Government Considering Approval for Northern Gateway's 525,000 b/d Pipeline in Alberta

Canada's Joint Review Panel recommended that the federal government approve Northern Gateway Pipelines, L.P.'s Alberta pipeline project, subject to 209 required conditions. The pipeline would transport oil from Alberta's oil sands to the Pacific, where it can be shipped to Asian markets, mainly China. The Northern Gateway Project team is reviewing the recommendations and conditions outlined in the Panel's report. The Canadian government is expected to render its final decision on the Northern Gateway Project by July 2014.

<http://www.enbridge.com/MediaCentre/News.aspx?yearTab=en2013&id=1793746>

Natural Gas

Kinder Morgan, Targa Resources to Expand Fractionation Capacity in Texas to Support Utica Marcellus Texas NGL Pipeline

Kinder Morgan Energy Partners, L.P. (KMP) and Targa Resources Partners L.P. today announced they have signed a letter of intent to form a joint venture to construct new natural gas liquids (NGL) fractionation facilities at Mont Belvieu, Texas to provide services for producers in the Utica and Marcellus Shale resource plays in Ohio, West Virginia, and Pennsylvania. A binding open season currently under way for the Utica Marcellus Texas Pipeline (UMTP), a proposed joint venture between MarkWest Utica EMG, L.L.C. and KMP, will be extended until February 28, 2014. Subject to FERC approval, the UMTP will involve the abandonment and conversion of over 1,000 miles of KMP's existing Tennessee Gas Pipeline system, currently in natural gas service, from Mercer, Pennsylvania to Natchitoches, Louisiana, and building approximately 200 miles of new pipeline from Natchitoches to Mont Belvieu for fractionation. The facilities will be located adjacent to Targa's existing fractionation facilities at Mont Belvieu and will provide fractionation services for customers of UMTP of up to approximately 150,000 b/d and potentially serve up to 400,000 b/d of maximum pipeline capacity over time.

<http://phx.corporate-ir.net/phoenix.zhtml?c=93621&p=irol-newsArticle&ID=1886501&highlight=>

El Paso Pipeline Announces Phase II of Liquefaction Project at Elba Island, Georgia LNG Terminal December 19

El Paso Pipeline Partners, L.P. today announced that Shell U.S. Gas & Power LLC gave notice to Elba Liquefaction Company, L.L.C. to move forward on Phase II of the jointly-owned natural gas liquefaction project at Southern LNG Company's Elba Island liquefied natural gas (LNG) terminal, near Savannah, Georgia. Capacity to be added in Phase II will range from 70 MMcf/d up to 140 MMcf/d. Phase I of the project, consisting of six liquefaction units, will provide approximately 210 MMcf/d of export capacity. It is anticipated to be in service in late 2016 or early 2017. Phase II, covering two additional liquefaction units, is expected to be in service in 2017 or 2018. If the maximum volume for Phase II is elected, the Elba liquefaction project is expected to have a total capacity of approximately 350 MMcf/d of LNG.

<http://phx.corporate-ir.net/phoenix.zhtml?c=119776&p=irol-newsArticleEPB&ID=1886261&highlight=>

Plains All American Announces Project to Construct Eagle Ford NGL Fractionator, Related Infrastructure Expansions in Texas

Plains All American Pipeline, L.P. (PAA) today announced that it is constructing a new natural gas liquids (NGL) fractionator and is expanding its existing condensate stabilization facility in the Eagle Ford area in Texas. The new fractionator is supported by long-term third-party commitments and will have a capacity of up to 15,000 b/d of NGL Y-Grade and off-spec Y-Grade product. The new fractionator, condensate stabilization expansion and related infrastructure enhancements are expected to require a total investment of approximately \$120 million and are expected to be in service in the second quarter of 2015. PAA's existing Gardendale truck and rail infrastructure are being enhanced to facilitate loading, unloading, and transporting Y-Grade and purity products, and PAA will build approximately 80,000 barrels of pressurized storage to accommodate Y-Grade and purity products. PAA is also adding a third condensate stabilization train that will provide approximately 40,000 b/d of incremental capacity to the existing condensate stabilization facility, bringing the total capacity to approximately 120,000 b/d.

<http://ir.paalp.com/profiles/investor/ResLibraryView.asp?ResLibraryID=67072&BzID=789&t=1309&g=549&Nav=0&LangID=1&s=0>

Other News

Nothing to report.

International News

Yemen Oil Pipeline Attacked, Crude Oil Flow Stopped December 19

A section of a 260-mile oil pipeline in eastern Yemen was attacked overnight, stopping the flow of crude, an oil ministry official said on Friday. Armed men blew up the pipeline in the Al-Arqain area of the Maarib province late on Thursday, just one hour after it was repaired following a previous act of sabotage, the official said. The pipeline links the Safir oilfields to the Ras Issa terminal on the Red Sea, near the city of Hodeida. Technicians, accompanied by security forces, were trying to seal a breach in the oil pipeline to ensure the pumping of crude can resume, the official said.

<http://www.nst.com.my/latest/attackers-blow-up-yemen-oil-pipeline-again-1.439839>

Brazil's Petrobras Files to Declare Two Subsalt Areas Viable, May Contain 100 Billion Barrels of Oil December 19

Petroleo Brasileiro SA, Brazil's state-controlled oil company, on Thursday filed with oil industry watchdog ANP to declare two oil and gas areas in Brazil's offshore Santos Basin commercially viable. The areas, known as Franco and Tupi's south corner, are part of an offshore bloc purchased from the Brazilian government in a 2010 oil-for-stock swap deal that allows it to produce up to 5 billion barrels of oil. If approved by the ANP, the areas will now be known as the Buzios and Sul de Lula fields, respectively, according to the securities filing. The Franco and Lula areas cover oil provinces that produce more than 80 percent of Brazil's output and may contain as much as 100 billion barrels of oil, according to Rio de Janeiro State University. Buzios should begin producing by the third quarter of 2016, and Sul de Lula in the first quarter of 2017, the filing said.

Reuters, 17:11 December 19, 2013

Energy Prices

U.S. Oil and Gas Prices			
December 20, 2013			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	98.91	96.47	89.44
NATURAL GAS Henry Hub \$/Million Btu	4.25	4.40	3.25

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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