



ENERGY ASSURANCE DAILY

Monday Evening, May 06, 2013

Electricity

Update: Georgia Power Restarts 952 MW Bowen Coal-Fired Unit 3 and 952 MW Coal-Fired Unit 4 in Georgia May 1

Georgia Power reported it restarted Bowen Units 3 and 4 on Wednesday. Operators had shut all four units at the plant due to an explosion at the site on April 4. Units 1 and 2 remain shut. Georgia Power said the explosion at Unit 2, which occurred while the unit was being shut for maintenance, resulted in significant damage to the Unit 2 generator, the Unit 1 and 2 control room, and the plant's switchyard. The extent of the damage to Unit 1 is still unclear, the company said. Georgia Power said its internal investigation indicates the explosion resulted from a combustible mixture of hydrogen and air inside the generator, not equipment failure. The explosion occurred as personnel were taking steps to prepare Unit 2 for work during a planned maintenance outage, which included a multi-step process to purge hydrogen from the generator. The utility said the accident will not impact its ability to serve its customers.

<http://www.reuters.com/article/2013/05/03/utilities-southern-bowen-idUSL2N0DK1EY20130503?feedType=RSS&feedName=financialsSector&rpc=43>

Entergy Shuts Its 730 MW Palisades Nuclear Unit in Michigan May 5 Due to Safety Injection Refueling Water Tank Leak

Entergy reported that early Sunday morning, Palisades operators commenced a shutdown due to water leakage from the safety injection refueling water (SIRW) tank, according to a filing with the U.S. Nuclear Regulatory Commission. The operational trigger point for leaks from the SRIW tank is 34 gallons per day. Entergy had been operating with SIRW leakage at a rate of less than 34 gallons per day, when the leakage increased for unknown reasons to a calculated value of approximately 90 gallons per day, forcing operators to shut the unit down. Operators were working to determine the source of the leak at the time of the filing.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>
<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20130506en.html>

Update: Entergy's 1,075 MW Waterford Nuclear Unit 3 in Louisiana at Full Power by May 5

Waterford 3 returned from an outage that began by April 27, when the unit was shut from full power. Operators restarted the unit by May 2. Entergy has not reported why the unit was shut.

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

Update: TVA's 1,118 MW Browns Ferry Nuclear Unit 2 in Alabama Restarts by May 5, Ramps Up to 47 Percent by May 6

Browns Ferry 2 is returning from an outage that began March 14, when operators shut the unit to repair a reactor core isolation cooling system valve. On the morning of May 4 the unit was not operating.

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

FPL's 693 MW Turkey Point Nuclear Unit 3 in Florida Reduced to 49 Percent by May 6

On the morning of May 5 the unit was operating at 84 percent.

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

TMPA Restarts 453 MW Gibbons Creek Coal-Fired Unit 1 in Texas after Tube Leak Repairs May 4

The Texas Municipal Power Authority (TMPA) reported it was planning to restart Gibbons Creek 1 on Saturday afternoon after shutting the unit earlier that day to repair a tube leak, according to a filing with the Texas Commission on Environmental Quality. Operators expected emissions related to restart procedures to continue for about 12 hours.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=182286>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=182301>

Update: AES's 336 MW Alamitos Natural Gas-Fired Unit 4 in California Shut by May 5; Its 498 MW Gas-Fired Unit 5 Returns to Service by May 3; Its 495 MW Gas-Fired Unit 6 Returns to Service by May 4

Alamitos 4 entered an unplanned outage by May 5. Alamitos 5 returned from a curtailment of 248 MW that began by May 2 and was due to both planned and unplanned causes. Alamitos 6 returned from an unplanned outage that began by May 3.

<http://content.caiso.com/unitstatus/data/unitstatus201305051515.html>

<http://content.caiso.com/unitstatus/data/unitstatus201305041515.html>

<http://content.caiso.com/unitstatus/data/unitstatus201305031515.html>

Calpine's 593 MW Metcalf Energy Center Natural Gas-Fired Unit in California Reduced by May 5

The unit entered an unplanned curtailment of 318 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201305051515.html>

GWF Energy's 332 MW Tracy Combined Cycle Power Plant in California Returns to Service by May 4

The unit return from an outage that began by May 3 and was due to planned and unplanned causes.

<http://content.caiso.com/unitstatus/data/unitstatus201305041515.html>

<http://content.caiso.com/unitstatus/data/unitstatus201305031515.html>

Update: GenOn's 320 MW Etiwanda Natural Gas-Fired Unit 3 in California Returns to Service by May 5

The unit returned from an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201305051515.html>

Update: First Solar's 130 MW Topaz Solar Unit in California Returns to Service by May 5

The unit returned from an outage that began by April 29 and was due to planned and unplanned causes.

<http://content.caiso.com/unitstatus/data/unitstatus201305051515.html>

Update: Edison's 100 MW Walnut Creek Natural Gas-Fired Unit 5 in California Returns to Service by May 5

The unit returned from an unplanned outage that began by May 4. Prior to this outage, Unit 5 had by May 3 returned from an unplanned outage that began by April 5.

<http://content.caiso.com/unitstatus/data/unitstatus201305051515.html>

<http://content.caiso.com/unitstatus/data/unitstatus201305031515.html>

Connecticut Siting Council Approves Dominion Request to Expand Nuclear Waste Storage at Its Millstone Power Station

The Connecticut Siting Council on May 2 approved a request by Dominion Resources Inc. to significantly expand nuclear waste storage capacity at its Millstone Power Station. Operators will build concrete pads necessary to install as many as 135 dry casks storage units by 2045. The station currently has 19 dry cask storage units. Dominion asked for permission to expand storage because the U.S. Nuclear Regulatory Commission has not yet designated a central site for nuclear waste.

<http://www.necn.com/05/02/13/Conn-mulls-new-waste-storage-at-nuclear-landing.html?&apID=7ae00c30109240399fef670d3e9da403>

http://www.ct.gov/csc/lib/csc/pendingproceeds/docket_265a/265adf.pdf

Enbridge Restarts 210,000 b/d Line 81 Crude Oil Pipeline in North Dakota by May 4 after Shutdown Due to Minor Leak May 2

Enbridge Inc. on Saturday restarted its 210,000 b/d Line 81 pipeline in North Dakota after shutting the line Thursday afternoon when crews discovered contaminated soil near the pipe in North Dakota during an integrity inspection. Operators estimate less than 10 gallons of oil leaked from the pipeline, which runs from Minot, North Dakota to Clearbrook, Minnesota and serves producers in the Bakken Shale.

Reuters, 16:42 May 3, 2013

<http://www.businessweek.com/news/2013-05-06/bakken-crude-weakens-as-enbridge-flows-into-clearbrook-resume>

Update: ExxonMobil Completes Repairs on Shut 90,000 b/d Pegasus Crude Oil Pipeline in Missouri

ExxonMobil Corp. on Friday reported it had completed repairs on its 90,000 b/d Pegasus crude oil pipeline at the site where the pipeline leaked approximately 1 barrel of crude oil in southeast Missouri April 30. The cause of the leak was still under investigation. The pipeline running from Illinois to Texas has been out of service since March 29, when it ruptured and spilled 5,000 barrels of oil in Mayflower, Arkansas. The cause of that leak is also under investigation.

<http://finance.yahoo.com/news/exxon-mobil-completes-pipeline-repair-192619047.html>

Update: Chevron to Restart 29,400 b/d Utah–Idaho Petroleum Products Pipeline at Reduced Capacity by May 4

Chevron Pipe Line Co. on Friday said it hoped to resume operations on its 8-inch, 29,400 b/d petroleum products pipeline at reduced capacity Saturday after receiving approval from the U.S. Pipeline and Hazardous Materials Safety Administration to place the line back in service. Chevron was required to complete pressure tests and fulfill other requirements before restarting the pipeline, which carries diesel and jet fuel between Chevron's Salt Lake City, Utah refinery and Burley, Idaho. The line had been shut since March 18, when operators discovered the line had leaked approximately 600 barrels of diesel fuel in Utah's Willard Bay State Park.

<http://finance.yahoo.com/news/pipeline-leaked-fuel-near-willard-205941028.html>

Update: Arkansas Attorney General Says Enterprise's TE Products Pipeline Reversal Will Have 'Significant, Damaging Effect' on Business

The Arkansas Attorney General's office on April 25 filed with the U.S. Federal Energy Regulatory Commission to ask the commission to reject or at least suspend for 7 months a project proposed by Enterprise Products Partners L.P. to reverse its 230,000 b/d TE Products pipeline running from Texas via Arkansas to southeast parts of Missouri, Illinois, Indiana, and Ohio, saying the reversal would have a "significant, damaging effect" on business. Enterprise in March announced plans to end deliveries on the TE Products line and reverse it as part of the development of its 1,230-mile Appalachia-to-Texas pipeline (ATEX Express), which will deliver growing ethane production from the Marcellus and Utica Shale regions in Pennsylvania, West Virginia, and Ohio to the U.S. Gulf Coast.

<http://elibrary.ferc.gov/idmws/common/OpenNat.asp?fileID=13243361>

<http://www.theglobeandmail.com/report-on-business/international-business/us-business/despite-us-oil-boom-some-states-fear-fuel-scarcity/article11728380/>

Update: Sunoco Logistics to Move Forward with 200,000 b/d Mariner South Pipeline Project in Texas

Sunoco Logistics Partners L.P. today announced that it has received enough binding commitments to enable its Mariner South Pipeline project to proceed as planned. The Mariner South Pipeline will transport export-grade propane and butane from Lone Star NGL LLC's storage and fractionation complex in Mont Belvieu, Texas to Sunoco Logistics' terminal in Nederland, Texas. Although sufficient commitments have been received for this project to move forward, the binding open season period will remain open to solicit additional shipper interest. The pipeline could also ship other natural gas liquids and petroleum products depending on shipper interest. The pipeline is anticipated to have an initial capacity to transport approximately 200,000 b/d and can be scaled to support higher volumes as needed. The pipeline is expected to be operational in the first quarter of 2015.

<http://www.sunocologistics.com/SiteData/docs/SXLMay2013/2f52ae6b18c0b7fe/SXL%20May%202013%20Mariner%20South%20Pipeline%20Open%20Season.pdf>

Update: Buckeye on Track to Finish 16-Inch Pipeline Connecting Its Perth Amboy and Linden, New Jersey Petroleum Products Terminals by April 2014 – CEO

Buckeye Partners, L.P. is about 3 months ahead of schedule on a project to connect its Perth Amboy, New Jersey terminal to a pipeline transportation hub in nearby Linden, Chief Executive Clark Smith said during a conference call on Friday. Buckeye, which first announced the project in February 2012, is building a 16-inch pipeline linking the two sites and now expects the project to be completed in April 2014. A separate pipeline linking Perth Amboy to Linden via Colonial Pipeline is expected to become operational in September 2013. Once in Linden, petroleum products transferred from Perth Amboy can be sent to Buckeye's other Northeast delivery points, which include New York City-area airports, Long Island, upstate New York, and western Pennsylvania. Modernization projects are also under way to make the Perth Amboy terminal accessible via truck and rail, in addition to barge and pipeline <http://www.reuters.com/article/2013/05/03/buckeye-earnings-perth-amboy-idUSL2N0DK1CW20130503?type=companyNews&feedType=RSS&feedName=companyNews&rpc=43>

Update: ExxonMobil, Union Workers Reach Tentative Agreement to Avert Strike at ExxonMobil's 572,000 b/d Baytown, Texas Refinery

The United Steelworkers (USW) Local 13-2001 at ExxonMobil's Baytown refinery reported it has reached a tentative agreement over contract language on safety after a dispute that the union said earlier last week could lead to a strike if not resolved. A USW spokesman said ExxonMobil agreed to implement a fatigue management system regulating how many days in a row someone can work and to accept a process safety representative position in the new 3-year contract. An ExxonMobil spokeswoman confirmed the two sides had reached a tentative agreement, but declined to provide additional details. The facility's 850 union employees will vote on the deal May 14 and 15. <http://www.hydrocarbonprocessing.com/Article/3201490/Latest-News/Exxon-union-workers-reach-safety-deal-to-avert-Baytown-refinery-strike.html>

Electrical Supply Problems Cause Emissions at Phillips 66's 362,000 b/d Wood River, Illinois Refinery May 3

Phillips 66 reported emissions of sulfur dioxide and nitrogen oxides from its Wood River refinery on Friday were caused by electrical power supply problems, according to a filing with the Illinois Emergency Management Agency. Reuters, 12:19 May 5, 2013

Update: Motiva Resumes Full Rates at Its 600,000 b/d Port Arthur, Texas Refinery by May 6 – Sources

Motiva Enterprises returned its Port Arthur refinery to full rates on Monday after completing a plant-wide restart last week following an April 14 power outage, according to sources familiar with operations at the refinery. The return had been delayed late last month due to the loss of a plant that produces part of the steam and hydrogen needed to operate parts of the refinery. Reuters, 12:13 May 6, 2013

Natural Gas

Nothing to report.

Other News

Nothing to report.

International News

Update: Production Resumes at Nexen's 210,000 b/d Buzzard Oilfield in U.K. North Sea by May 3; Expected to Ramp Up over 2 Days

Nexen Inc. on Friday said production from its Buzzard oilfield in the U.K. North Sea had resumed within the last 24 hours and would ramp up within the next 2 days. A release of steam onboard the Buzzard platform April 29 prompted operators to shut-in production at the oilfield, which had been pumping steadily at its maximum capacity of about 210,000 b/d for much of April.

http://www.rigzone.com/news/oil_gas/a/126252/Nexen_Production_Ramping_Up_On_Buzzard_Oil_Field

Energy Prices

U.S. Oil and Gas Prices			
May 6, 2013			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	95.50	93.60	98.08
NATURAL GAS Henry Hub \$/Million Btu	3.98	4.16	2.29

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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