



ENERGY ASSURANCE DAILY

Friday Evening, May 30, 2014

Electricity

Toledo Edison Installs 345 kV Transformers at Two Large Substations to Help Improve Summer Grid Reliability in Ohio

Toledo Edison is in the final stages of testing new equipment installed at two large substations that will help enhance service reliability in the area and support the expected increase in demand for electricity during the summer months. The massive 345 kV transformers have been installed at Toledo Edison substations near Sylvania and Oregon, Ohio, and will be operational by June 1, 2014. Work to install these new devices began in January of 2013. Additionally, a significant multi-year project at another substation has been completed, and a new 59-mile transmission line has been energized between substations in the area. This project enhances the flexibility of the grid, allowing power to be routed around areas where storm or other damage might occur, which will help reduce the length of outages and decrease the impact on the system of severe weather events.

https://www.firstenergycorp.com/content/fecorp/newsroom/news_releases/large-transformers-installed-to-help-improve-summer-grid-reliabi.html

Water Storage Tank Accident Shuts 800 MW Unit at Prairie State Coal-fired Power Plant in Illinois May 24

Prairie State Energy Campus announced May 28 that one of two 800 MW generating units at its southern Illinois power plant which serves several communities in Ohio was offline after a water-storage tank overflowed May 24 and released steam and water, creating a hole in the plant's siding and damaging equipment. The unit was under repair and scheduled to be back online producing power for most of the summer.

<http://www.dispatch.com/content/stories/business/2014/05/29/ohio-cities-generating-plant-takes-a-hit.html>

Update: FPL's 693 MW Turkey Point Nuclear Unit 4 in Florida Ramps Up to 62 Percent by May 30

By the morning of May 29 the unit had restarted and was operating at 20 percent. Unit 4 experienced a loss of condenser vacuum on May 25 as operators lowered the unit's power as part of a planned maintenance outage to repair a leaking check valve inside the containment building, according to a filing with the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/20140527ps.html>

NPPD's 764 MW Cooper Nuclear Unit in Nebraska Shut by May 30

On the morning of May 29 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

STP's 1,251 MW South Texas Nuclear Unit 1 in Texas Shut by May 30

The unit had restarted by May 26 and had been holding at 12-14 percent of power from May 26-29. The unit was returning from a refueling outage that began March 15.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

Update: Constellation's 1,120 MW Nine Mile Point Nuclear Unit 2 in New York at Full Power by May 30

On the morning of May 29 the unit was operating at 88 percent, down from full power by May 28.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

Update: Energy Northwest's 1,107 MW Columbia Generating Station Nuclear Unit in Washington at Full Power by May 30

On the morning of May 29 the unit was operating at 85 percent, down from full power by May 28.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

PG&E's 144 MW Haas Powerhouse Aggregate Hydro Units 1 and 2 in California Shut by May 29

The units entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201405291515.html>

Petroleum

Update: Marathon Expects Crude Unit at Its Tornado-Damaged 522,000 b/d Garyville, Louisiana Oil Refinery to be Operational by Mid-June

Marathon Petroleum Corp. said the crude unit at its Garyville, Louisiana, oil refinery was expected to be operational by mid-June after the plant sustained damage in a tornado Wednesday morning. The tornado caused damage to a cooling water tower and caused a loss of electrical power to parts of the refinery. The company said it doesn't expect total refinery output to be significantly hurt, with a less than five percent reduction to prior output guidance for the quarter expected.

<http://online.wsj.com/articles/marathon-sees-tornado-damaged-oil-refinery-unit-operational-by-mid-june-1401466516>

Total Suspends Work on 100,000 b/d Joslyn Oil Sands Mine in Alberta Citing Cost

Total suspended design and engineering work on its Joslyn oil sands mine in northern Alberta as it looks to reduce costs at the project. The chief executive of Total's Canadian unit said that the company has been working to reduce costs but not enough progress had been made to reach a final investment decision on the project. Total will continue work on project engineering to lower the cost of the mine, which had been expected to begin operating in 2017.

http://www.downstreamtoday.com/news/article.aspx?a_id=43346

Natural Gas

Update: MarkWest's 355 MMcf/d Houston, Pennsylvania Complex Remains Shut; Some Gas Being Rerouted to Its 870 MMcf/d Majorville, West Virginia Complex

MarkWest Energy Partners, L.P. reported an incident at its Houston processing and fractionation complex in Houston, Pennsylvania on Wednesday. The Houston complex consists of processing plants I, II, and III totaling 355 MMcf/d of capacity and 98,000 b/d of ethane and heavier fractionation capacity with associated storage facilities and other related infrastructure. There were no reported injuries and as a precaution, the area was safely and temporarily evacuated. Although MarkWest has not completed a full assessment of all plant equipment, an initial visual assessment of damage indicates that the impact was limited to one component of the plant III facility. The entire complex remains shut down until the assessment is completed. At this time, it appears that no other equipment at the facility was affected. Additionally, there are no apparent signs or evidence of a fire. The complex's safety control system worked as designed and the two flares at the facility remained in operation throughout the course of this event. MarkWest was working closely with its producer customers and currently routing some gas through its rich-gas header system to the Majorville complex in Marshall County, West Virginia.

<http://investor.markwest.com/phoenix.zhtml?c=135034&p=irol-newsArticle&ID=1935559>

Regency Reports AGI Compressor Shut at Its 290 MMcf/d Waha Gas Plant in Texas May 29

Regency reported the acid gas injector (AGI) compressor went down due to issues with reflux drum carry over to the AGI. The reflux drum flow was lined out to the AGI and the compressor was reset and restarted. The AGI flare and AGI volume meter were in service during the downtime of the compressor system.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=198948>

Southern Union Reports SRU Cards Burned Up at Its Keystone Gas Plant in Texas May 28

Southern Union reported plant sulfur recovery unit (SRU) cards in the PLC burned up several times. Personal replaced cards and brought plant back on line.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=198940>

DOE Proposes Change to Streamline Its LNG Export Decision-Making Procedures May 29

The Department of Energy (DOE) on Thursday, in order to reflect changing market dynamics, proposed to review applications and make final public interest determinations for proposed LNG export facilities only after completion of the review required by environmental laws and regulations that are included in the National Environmental Policy Act review (NEPA review), suspending its practice of issuing conditional commitments. The proposed changes to the manner in which liquefied natural gas (LNG) applications are ordered and processed will ensure its process is efficient by prioritizing resources on the more commercially advanced projects, while also providing DOE with more complete information when applications are considered and public interest determinations are made. In addition, DOE will initiate an updated economic study and is releasing two environmental reports that address the environmental footprint of unconventional natural gas production and the lifecycle greenhouse gas impacts of U.S. LNG exports.

<http://energy.gov/articles/proposed-change-energy-departments-lng-export-decision-making-procedures>

Other News

Nothing to report.

International News

Yemen Restarts 110,000 b/d Maarib Oil Export Pipeline after Repairs

Yemen resumed crude oil flows on Friday after repairs to its Maarib oil pipeline following an attack by tribesmen on May 15, an industry source said. Tribesmen in the central Maarib province blew up the pipeline, which carries around 70,000 to 110,000 b/d of Marib light crude to an export terminal on the Red Sea.

<http://english.alarabiya.net/en/business/energy/2014/05/30/Yemen-restarts-main-oil-export-pipeline-after-repairs.html>

Energy Prices

U.S. Oil and Gas Prices			
May 30, 2014			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	103.60	103.73	93.74
NATURAL GAS Henry Hub \$/Million Btu	4.74	4.53	4.15

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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