



ENERGY ASSURANCE DAILY

Friday Evening, October 31, 2014

Electricity

Update: PPL's 1,105 MW Susquehanna Nuclear Unit 1 in Pennsylvania at Full Power by October 31

On the morning of October 30 the unit was operating at 85 percent, reduced from full power on October 27.

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

Update: FirstEnergy's 1,235 MW Perry Nuclear Unit 1 in Ohio at Full Power by October 31

On the morning of October 30 the unit was operating at 73 percent, up from 54 percent on October 27. The unit restarted and ramped up to 6 percent by October 26 after automatically shutting October 20 on loss of feedwater.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2014/20141020en.html>

Update: Dynegy's 335 MW El Segundo Gas-fired Unit 4 in California Returns to Service by October 30

The unit returned from an unplanned outage that began by October 29.

<http://content.caiso.com/unitstatus/data/unitstatus201410301515.html>

Update: Calpine's 593 MW Metcalf Gas-fired Unit in California Returns to Service by October 30

The unit returned from an unplanned curtailment of 118 MW that began by October 29.

<http://content.caiso.com/unitstatus/data/unitstatus201410301515.html>

Prairie Wind Transmission Completes New 345 kV High-Capacity Transmission Line in Kansas

Prairie Wind Transmission, LLC (PWT), a joint venture between Westar Energy and Electric Transmission America, celebrated the completion of its 108-mile, 345 kV high-capacity electrical transmission line in south-central Kansas on Thursday. The double-circuit line will serve as an electric energy super highway between eastern and western Kansas, promoting growth of renewable energy in Kansas, providing greater access to lower-cost electricity, and improved reliability in the region. The Wichita to Woodward line, part of the broader "Y Plan," links Westar Energy's Wichita Substation near Gordon Evans Energy Center to the Thistle Substation near Medicine Lodge, and on to the Kansas/Oklahoma border, where it will connect to a line being constructed by Oklahoma Gas and Electric Company. ITC Great Plains will construct the line from Medicine Lodge to a Clark County substation and then to Spearville.

<https://www.westarenergy.com/content/about-us/news/2014-news-releases/pwt-energized>

FirstEnergy Constructs New 138 kV Transmission Line in Ohio to Help Support Shale Gas Industry

FirstEnergy Corp. completed a new 3.5-mile, 138 kV transmission line in its Ohio Edison territory to serve a Pennant Midstream natural gas processing facility in Springfield Township in Mahoning County. The nearly \$3 million project replaces temporary equipment installed earlier and allows for future expansion at the facility. The plant is a midstream processing facility that separates natural gas into dry and liquid components and uses large amounts of electricity. The new line connects with an existing 138 kV transmission line in Mahoning County. The project included installing 81 new wooden poles and 1 steel pole in approximately 3.5-miles of new right-of-way to a substation located at the Pennant Midstream facility. The new transmission line is owned and operated by American Transmission Systems, Incorporated, a FirstEnergy transmission affiliate.

https://www.firstenergycorp.com/newsroom/news_releases/new-transmission-line-constructed-in-ohio-edison

CVR Reports Excess Emissions at Its 70,000 b/d Wynnewood, Oklahoma Refinery October 28

Reuters, 12:11 October 30, 2014

Total Reports Unit Upset, Flaring at Its 225,000 b/d Port Arthur, Texas Refinery October 30

Total SA reported emissions at its Port Arthur, Texas refinery due to an upset at unit 825, according to a filing with the Texas Commission on Environmental Quality.

Reuters, 14:38 October 30, 2014

Phillips 66 Reports Flaring at Its 139,000 b/d Wilmington, California Refinery October 30

Phillips 66 reported flaring at its Wilmington, California refinery, according to a filing with the California Emergency Management Agency. The Phillips 66 refinery has two linked facilities about 5 miles apart in Carson and Wilmington.

Reuters, 17:07 October 30, 2014

Tesoro Reports Unit Startup at Its 166,000 b/d Martinez, California Refinery October 24

Reuters, 14:20 October 30, 2014

Toxic Chemical Emissions Found Near Oil & Gas Sites in Six States – Environmental Health Report

Community members from six states — Arkansas, Colorado, Ohio, Pennsylvania, New York, and Wyoming — sampled the air near oil and gas development sites, including fracking sites, and found that the air contains dangerous toxics linked to health problems. Monitoring results from the entire six-state sampling project showed that some chemical levels were hundreds of times higher than what some federal agencies have determined to be safe. The monitoring results were released Thursday in a new report titled Warning Signs: Toxic Air Pollution at Oil and Gas Development Sites. The report was released alongside a peer reviewed article titled “Air concentrations of volatile compounds near oil and gas production: A community-based exploratory study” published today in the journal Environmental Health. The air monitoring study and report is a joint project, convened by Coming Clean and Global Community Monitor between more than 12 community organizations in six states, and national health, science and sustainable business organizations. The groups conducted the project because community members feel they are being sickened by chemicals from nearby oil and gas development sites. Air samples were taken by community residents who were trained in the use of various air monitoring devices (most of which are routinely used by government agencies) at times when people experienced health symptoms, smelled strange odors or observed activities at the oil and gas sites. Samples were then sent for analysis to an independent laboratory that uses federal government-approved analysis methods. In Wyoming, levels of hydrogen sulfide registered 660 times higher than the federal health standard. Other chemicals measured above federal risk levels for cancer or non-cancer effects, include formaldehyde, benzene, hexane, and toluene.

<http://www.gcmonitor.org/warning-signs-press-release/>

Magellan Says Its 300,000 b/d Bridgetex Pipeline in Texas to Ramp Up after New Infrastructure

Magellan Midstream Partners LP said on Friday that its Bridgetex crude oil pipeline had a throughput of 160,000 b/d in its first month of commercial service, volumes that are anticipated to ramp up after new infrastructure comes online in Colorado City, Texas. The company, which started commercial service of the highly anticipated 300,000 b/d line delivering crude from the Permian Basin of West Texas to Houston refiners in late September, said during an earnings call that there is more outbound than inbound capacity to deliver crude at Colorado City. Company executives indicated that the start up of certain infrastructure projects in the area next year will help alleviate the capacity mismatch. Magellan added that while its own condensate splitter project was on track to be operational in the second half of 2016, the market is in a “wait and see mode” concerning new projects in light of recent policy changes on condensate exports. The company added that while long-term interest would not be eliminated, it could affect new developments in the short term.

Reuters, 11:51 October 31, 2014

Natural Gas

Energy Transfer Partners Announces Its Rover Natural Gas Pipeline Fully Subscribed to 3.25 Bcf/d

Energy Transfer Partners, L.P. (ETP) on Thursday announced it secured additional long-term binding shipper agreements on its Rover natural gas pipeline project to connect Marcellus and Utica shale supplies to markets in the Midwest, Great Lakes, and Gulf Coast regions of the United States and Canada. As a result of the additional agreements, the pipeline is fully subscribed through 15- and 20-year fee-based contracts to transport 3.25 Bcf/d of capacity. The approximately 800-mile natural gas pipeline, estimated to cost \$3.8 to \$4.4 billion, will deliver natural gas from processing plants and interconnections in Northwest West Virginia, Western Pennsylvania, and Eastern Ohio to the Midwest Hub near Defiance, Ohio, as well as to multiple delivery points in Michigan and to the Union Gas Hub near Sarnia, Ontario. Rover also will interconnect with ETP's Panhandle Eastern Pipe Line (PEPL), allowing shippers to deliver gas to Gulf Coast markets through ETP's Trunkline system. Transportation from the supply regions to the Midwest Hub near Defiance is expected to begin by December 2016 to serve the Gulf Coast and Midwest markets. The remaining service to other markets including Michigan will be in service by mid-2017. <http://ir.energytransfer.com/phoenix.zhtml?c=106094&p=irol-newsArticle&ID=1984104>

Other News

Nothing to report.

International News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
October 31, 2014			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	80.02	81.23	96.38
NATURAL GAS Henry Hub \$/Million Btu	3.74	3.60	3.55

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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