



ENERGY ASSURANCE DAILY

Monday Evening, October 20, 2014

Electricity

Update: Entergy's 813 MW FitzPatrick Nuclear Unit in New York Ramps Up to 90 Percent by October 19

On the morning of October 18 the unit was operating at 58 percent. The unit reduced to 54 percent from 82 percent on October 14 due to the degradation of the high pressure core mitigating accident capability.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2014/20141014en.html>

Update: Exelon's 619 MW Oyster Creek Nuclear Unit in New Jersey Ramps Up to 99 Percent by October 18

On the morning of October 17 the unit was operating at 72 percent after restarting and ramping up to 20 percent on October 16. The unit experienced a manual reactor scram October 12 due to the decreasing reactor water level.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2014/20141014en.html>

Exelon's 1,116 MW Peach Bottom Nuclear Unit 2 in Pennsylvania Shut by October 20

On the morning of October 19 the unit was operating at 79 percent.

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

FirstEnergy's 831 MW Beaver Valley Nuclear Unit 2 in Pennsylvania Reduced to 80 Percent by October 18

On the morning of October 17 the unit was operating at full power.

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

Update: Exelon's 1,111 MW La Salle Nuclear Unit 1 in Illinois Restarts, Ramps Up to 15 Percent by October 20

The unit was shut from full power by October 12.

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

Exelon's 850 MW Dresden Nuclear Unit 2 in Illinois Reduced to 80 Percent by October 18

On the morning of October 17 the unit was operating at full power.

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

FirstEnergy's 1,235 MW Perry Nuclear Unit 1 in Ohio Shut October 20

The unit automatically shut on loss of feedwater.

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

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

Entergy Investigating Substation Failure in Arkansas October 15

Entergy was investigating after two employees were injured in a substation failure October 15 after a piece of equipment malfunctioned in Marshall, Arkansas. Preliminary reports determined a regulator failed, de-energizing the substation and causing extensive damage.

<http://www.thv11.com/story/news/local/2014/10/16/marshall-entergy-substation-failure/17361101/>

Entergy Estimates Decommissioning Cost at \$1.24 Billion for Its 510 MW Vermont Yankee Nuclear Plant in Vermont

Officials with the soon-to-close Vermont Yankee nuclear plant said Friday it could cost up to \$1.24 billion to decommission the reactor, and that they currently have about half that much in a fund dedicated to paying for that work. The figure was contained in a site assessment study drafted by officials at the Vernon plant, which will cease operations at the end of this year. The president of Entergy Wholesale Commodities said the tally was based on federal Nuclear Regulatory Commission rules allowing a reactor owner to mothball the plant for up to 60 years to allow radioactive components to become less so and to allow the fund to grow. Entergy said it hopes not to take that long to dismantle Vermont Yankee and restore the site. Rather than getting the job done in 2075, as would be allowed by the NRC, Entergy hopes to start the work, expected to take about a decade, in the 2030s or 2040s, depending on how fast the fund grows. The decommissioning fund had grown from about \$427 million in January 2010 to about \$642 million as of September 20.

<http://finance.yahoo.com/news/vermont-yankee-shutdown-cost-1-174118025.html>

Petroleum

Update: Sunoco's 280,000 b/d Mid-Valley Pipeline Remains Shut October 20 after Crude Oil Spill October 13

Sunoco Logistics Partners' Mid-Valley pipeline segment from Longview, Texas to Mayersville, Mississippi, remained shut following a crude oil spill October 13, the company said on Sunday. A return to service was anticipated in the near future, subject to the approval of the Pipeline and Hazardous Materials Safety Administration (PHMSA), which regulates the pipeline, the company said. Sunoco will reduce the maximum operating pressure on the pipeline by 20 percent, as required by PHMSA, until any issues found through the investigation, in coordination with the PHMSA, are addressed, it said. Approximately 2,400 barrels of oil had been recovered as of Sunday morning. The actual size of the release was still being determined. The company said it would make longer term repairs if necessary based on the investigation. Air monitoring levels showed no hazards in populated/residential areas.

Reuters, 1:49 October 20, 2014

Philadelphia Energy Restarts Alkylation Unit after Maintenance at Its 335,000 b/d Philadelphia, Pennsylvania Refinery October 17

Philadelphia Energy on October 17 restarted the alkylation unit after repairs at the Point Breeze section of its Philadelphia, Pennsylvania refinery, according to a filing with the state pollution regulator. The unit was shut October 10.

Reuters, 15:23 October 17, 2014

Citgo Starting Up Process Unit at Its 163,000 b/d Corpus Christi, Texas Refinery October 20

Citgo Petroleum Corp's Corpus Christi, Texas refinery was starting up one of the process units, according to a community alerting system.

Reuters, 11:10 October 20, 2014

Phillips 66 Reports Exchanger Was De-pressured to Flare at Its 146,000 b/d Borger, Texas Refinery October 20, 2014

Reuters, 11:42 October 20, 2014

Tesoro Reports Multiple Unit Startups after Power Loss at Its 166,000 b/d Martinez, California Refinery October 12

Tesoro reports multiple unit startups October 12 after power loss October 11 at its Martinez, California refinery, according to a filing with Contra Costa Health Services.

Reuters, 10:47 October 20, 2014

DCP Midstream Reports SRU Shut at Its 160 MMcf/d Goldsmith Gas Plant in Texas October 18

DCP Midstream reported the sulfur recovery unit (SRU) shut due to low levels in the sulfur boiler and residue gas was used to blend with the acid gas being flared. The SRU was restarted to end the flaring event.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=205335>

Atlas Reports Amine Heater Failure at Its 200 MMcf/d Driver Gas Plant in Texas October 18

Atlas reported the plant shut due to an amine heater failure. A fuel valve was not opening to feed the hot oil heater with fuel. As soon as the amine was at operating temperature, the plant was restarted.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=205323>

Update: Transco Completes Southeast Louisiana Lateral Repairs October 17

Williams Cos Inc's Transcontinental Gas Pipeline Co (Transco) completed repairs on the Southeast Louisiana Lateral (SELA) in the Ship Shoal 47 area. A leak was discovered on October 8 and impacted meters were flowing approximately 25 MMcf.

<http://www.1line.williams.com/1Line/wgp/download?delvid=6070336&hfNoticeFlag=Y&hfDownloadFlag=false&hfFileName=download.html>

<http://www.1line.williams.com/1Line/wgp/download?delvid=6054362&hfNoticeFlag=Y&hfDownloadFlag=false&hfFileName=download.html>

Other News

Abengoa Announces Grand Opening of Its 25 Million Gallon per Year Cellulosic Ethanol Plant in Kansas October 17

Abengoa on Friday announced the official grand opening of its second generation cellulosic ethanol plant in Hugoton, Kansas. Abengoa's new industry-leading biorefinery finished construction in mid-August and began producing cellulosic ethanol at the end of September with the capacity to produce up to 25 million gallons per year. The plant utilizes only second generation (2G) biomass feedstocks for ethanol production, meaning non-edible agricultural crop residues (such as stalks and leaves) that do not compete with the food or feed grain market. The facility also features an electricity cogeneration component allowing it to operate as a self-sufficient renewable energy producer. By utilizing residual biomass solids from the ethanol conversion process, the plant generates 21 MW of electricity. The Hugoton plant opening also marks the first-ever commercial deployment of Abengoa's proprietary enzymatic hydrolysis technology, which turns biomass into fermentable sugars that are then converted to ethanol. Abengoa received a \$132.4 million loan guarantee and a \$97 million grant through the Department of Energy to support construction of the Hugoton facility.

http://www.abengoa.com/web/en/noticias_y_publicaciones/noticias/historico/2014/10_octubre/abg_20141017.html

<http://www.energy.gov/articles/secretary-moniz-dedicates-innovative-commercial-scale-cellulosic-biofuel-plant>

International News

Update: Yemen Restarts 110,000 b/d Maarib Oil Pipeline after Repairs October 18

Yemen resumed pumping oil through its main export pipeline on Saturday after repair work was completed, an industry source said, following an attack by tribesmen on the pipeline October 15. Yemeni news agency Saba said engineering teams had managed to repair the pipeline in the area of Sarwah in Maarib province. An industry source told Reuters that pumping had resumed. Yemen has said oil typically flows through the Maarib pipeline, one of its main petroleum export routes, at a rate of around 70,000 b/d. The pipeline carries crude from the Maarib fields in central Yemen to the Ras Isa oil terminal on the Red Sea. Before the wave of attacks began three years ago, the 270-mile pipeline carried around 110,000 b/d to Ras Isa.

<https://en-maktoob.news.yahoo.com/yemen-restarts-main-oil-export-pipeline-repairs-151707915--business.html>

Energy Prices

U.S. Oil and Gas Prices			
October 20, 2014			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	81.88	84.76	101.04
NATURAL GAS Henry Hub \$/Million Btu	3.72	3.86	3.75

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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