



ENERGY ASSURANCE DAILY

Monday Evening, October 21, 2013

Electricity

Update: Entergy's 653 MW Pilgrim Nuclear Unit 1 in Massachusetts Trips October 19; Restarts, Ramps Up to 18 Percent October 21

Entergy reported the unit tripped due to a high reactor water level condition on Saturday while attempting to restart from a forced outage, according to the Nuclear Regulatory Commission. The unit had been shut since the night of October 14 when it lost offsite power from a 345-kilovolt NStar line. NStar completed repairs to the outside line last week.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20131021en.html>

<http://www.patriotledger.com/topstories/x1069221270/Pilgrim-nuclear-plant-resumes-production>

Wolf Creek's 1,165 MW Nuclear Unit 1 in Kansas Shut October 18

On the morning of October 18 the unit was operating at full power before being shut at 12:11 p.m. CDT due to the loss of cooling to the switchgear rooms, according to the Nuclear Regulatory Commission. Restoration activities are expected to take several days to complete and the unit is expected to be off line most of this week, according to the company.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20131021en.html>

Reuters, 11:28 October 21, 2013

Exelon's 850 MW Dresden Nuclear Unit 3 in Illinois Shut by October 20

On the morning of October 18 the unit was operating at full power. By the morning of October 19 the unit had been reduced to 10 percent the unit was reported shut by October 20, according to the Nuclear Regulatory Commission.

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

Southern's 1,149 MW Vogtle Nuclear Unit 2 in Georgia Shut October 19

Southern reported the unit was operating at full power when the turbine tripped and caused the reactor to automatically shut down for safety reasons.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20131021en.html>

Update: Entergy's 1,207 MW Grand Gulf Nuclear Unit 1 in Mississippi at Full Power by October 20

On the morning of October 19 the unit was operating at 90 percent. Entergy Corp's Grand Gulf nuclear plant in Mississippi ramped up to 89 percent power by early October 17 after restarting on October 13 from an October 10 shutdown, according to the U.S. Nuclear Regulatory Commission.

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

TVA Reports Partial Loss of Offsite Communications at Its 1,155 MW Browns Ferry Nuclear Unit 1 in Alabama October 19

TVA reported a partial loss of offsite communications, which included the NRC emergency notification system, the emergency plan paging system, and normal phone communication to offsite. Facilities personnel found a blown fuse which was replaced and normal communications and access were restored.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20131021en.html>

Dynegy's 510 MW Moss Landing Gas-fired Unit in California Reduced by October 20

The unit entered an unplanned curtailment of 260 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201310201515.html>

Update: PG&E's 119 MW Belden Hydro Unit in California Returns to Service by October 20

The unit returned from an unplanned outage that began by October 17.

<http://content.aiso.com/unitstatus/data/unitstatus201310201515.html>

First Synchronization to Electric Grid Completed by 377 MW Ivanpah Solar Electric Generating System in California September 24

The world's largest concentrating solar power project, located in California's Mohave Desert, began generating electricity on September 24. Unit 1 of the Ivanpah Solar Electric Generating System produced its first electricity, which was synchronized to the power grid and went to Pacific Gas & Electric.

<http://ivanpahsolar.com/ivanpah-solar-electric-generating-system-reaches-first-sync-milestone>

Rocky Mountain Power's 172 MW Coal-fired Carbon Power Plant in Utah to Close Next Year

Rocky Mountain Power reported its Carbon power plant will be decommissioned next year due to the federal limits on mercury emissions. The plant is located against steep canyon walls at Castle Gate not leaving enough room to install the filtration equipment and other features needed to remove toxin-bearing particulates from the exhaust rising from the stacks, according a spokesperson.

<http://www.sltrib.com/sltrib/news/56919729-78/coal-power-carbon-plant.html.csp>

Petroleum

CN Railway Train Carrying LPG and Crude Derails, Causing Explosion and Fire in Alberta October 21

A 134-car Canadian National (CN) Railway mixed-freight train carrying crude oil and liquefied petroleum gas (LPG) derailed about 55 miles west of Edmonton causing an explosion and fire. Thirteen cars derailed including nine carrying LPG and four carrying crude oil. One of the derailed LPG cars exploded and set two other leaking LPG cars on fire. The three cars that caught fire are the only ones that leaked. Emergency responders evacuated some residents of Gainford, Alberta. Firefighters are letting the leaking LPG burn off to avoid the risk of a future fire and Canada's Transportation Safety Board sent investigators to the site.

<http://www.hydrocarbonprocessing.com/Article/3268970/Latest-News/Canada-crude-LPG-train-derails-near-Edmonton-causing-explosion-and-fire.html>

Reuters, 10:38 October 21, 2013

Philadelphia Energy Restarts Crude Unit at Its 335,000 b/d Girard Point Refinery in Pennsylvania October 14

Philadelphia Energy Solutions reported the startup of a crude unit on October 14 following its shutdown the same day due to power failure at the Girard Point section of its refinery in Philadelphia, according to a notice with the state regulator made public on Friday. It also restarted an unspecified Unit 231 on October 16.

Reuters, 16:41 October 18, 2013

Update: Suncor Energy Resumes Normal Operations at Its Oil Sands Sites in Alberta October 18 After Pipeline Rupture October 17

Suncor Energy Inc. was resuming normal operations at its oil sands sites in northern Alberta October 18 after slowing operations on October 17 when a TransCanada Corp. natural gas pipeline ruptured, a Suncor spokesperson said on Friday.

Reuters, 12:56 October 18, 2013

Natural Gas

Update: PG&E Wants California PUC to Allow Line 147 of Its San Carlos Natural Gas Pipeline to Resume Service

Pacific Gas & Electric (PG&E) wants the California Public Utilities Commission (PUC) to allow Line 147 of its natural gas pipeline beneath San Carlos to go back into service following an independent expert's assessment that it is safe to resume full operations. PG&E said that a section of the 3.8-mile pipeline had thinner walls than previously reported to the PUC but PG&E's independent contractor still believes the line can safely resume service. PG&E took the gas pipe offline on October 6 in response to concerns from a company engineer about its safety.

http://www.siliconvalley.com/news/ci_24341735/pg-e-wants-puc-allow-san-carlos-gas

Atlas Pipeline Reports Flaring Inlet Gas at Its 195 MMcf/d Midkiff Gas Plant in Texas October 19

Atlas Pipeline reported a loss of fuel pressure to the boiler due to a mechanical failure that resulted in residue and inlet gas having to be sent to the flare after the boiler went offline at its Midkiff gas plant. Atlas personnel made adjustments to the fuel regulators and lubers to correct the issue.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=189754>

Enbridge Reports AGIs Trip at Its Tilden Gas Plant in Texas October 20

Enbridge Inc. reported acid gas injector (AGI) no. 2 tripped on third stage high discharge pressure and AGI no. 1 tripped on a compressor motor fault. The electrical breaker was reset for AGI no. 1 and the compressor was restarted and stabilized. The malfunctioning third stage high pressure transmitter was replaced on AGI no. 2 and the compressor was restarted and stabilized.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=189759>

Other News

BGE Reports Copper Theft at Its Substation in Maryland October 16

Baltimore Gas and Electric (BGE) reported police are looking for a man who stole copper from a substation in Gambrills, Maryland, last Wednesday. The thief cut a hole in the fence at the facility and stole various amounts of copper from inside.

<http://www.nbcwashington.com/news/local/Man-Wanted-for-Stealing-Copper-from-BGE-Sub-Station-228621611.html>

International News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
October 21, 2013			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	99.79	102.28	89.54
NATURAL GAS Henry Hub \$/Million Btu	3.72	3.84	3.43

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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