



ENERGY ASSURANCE DAILY

Thursday Evening, October 17, 2013

Electricity

Attempted Copper Theft at SCE Breaker Station Leaves 20,000 Customers Without Power in Pico Rivera, California October 13

The failed copper theft last weekend at a Southern California Edison (SCE) breaker station caused a power outage that affected 20,548 SCE customers in Pico Rivera and West Whittier, California, for nearly two hours. The copper thief received a 12,000-volt shock and severe burns while attempting to steal the wire. SCE workers had to de-energize the breaker station to allow for the rescue of the injured man and repair of the damaged circuits, officials said. All power was restored to affected customers and the official cause of the outage remained under investigation by SCE officials.

<http://www.pasadenastarnews.com/general-news/20131016/would-be-copper-theft-in-pico-rivera-leaves-suspect-shocked-in-critical-condition-20000-without-power>

Dominion Reports Turbine, Reactor Trip at Its 925 MW North Anna Nuclear Unit 1 in Virginia October 11

Dominion Resources reported unit 1 at its North Anna plant in Virginia experienced an automatic turbine and reactor trip from 48 percent power. Unit 1 was in the process of increasing power level following a refueling outage when the 1C station service transformer lockout relay actuated as condensate pump C was started. The 1C station service transformer lockout resulted in the turbine trip which subsequently tripped the reactor. All three station service electrical buses transferred to the reserve station service transformers. The 1C station service transformer did not have any visible exterior damage and all control rods fully inserted into the core following the reactor trip.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20131017en.html>

Duke Energy's 846 MW Oconee Nuclear Unit 2 in South Carolina Shut by October 12

Duke Energy Corp's unit 2 at its Oconee nuclear plant in South Carolina was shut by October 12 from 94 percent power October 11, according to the U.S. Nuclear Regulatory Commission. Meanwhile, Oconee 1 and Oconee 3 were operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/20131017ps.html>

Entergy's 653 MW Pilgrim Nuclear Unit 1 in Massachusetts Shut by October 15

Entergy Corp's Pilgrim nuclear plant in Massachusetts was shut by October 15 from full power on October 14, according to the U.S. Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/20131015ps.html>

Dominion Reports Radiation Monitor Out of Service at Its 1,130 MW Millstone Nuclear Unit in Connecticut October 13

Dominion Resources reported the loss of assessment capability for steam generator rupture determination associated with the radiation monitor for one of four steam lines. The radiation monitor was out of service due to the unplanned loss of its power supply and was returned to service at on October 16.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20131017en.html>

Update: Entergy's 1,207 MW Grand Gulf Nuclear Unit 1 in Mississippi Restarts by October 13, Ramps Up to 89 Percent by October 17

Entergy Corp's Grand Gulf nuclear plant in Mississippi ramped up to 89 percent power by early Thursday 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/2013/20131017ps.html>

FPL Reports Unusual Event Due to Water Pump House Flooding at Its 510 MW Point Beach Nuclear Unit 1 in Wisconsin October 13

Florida Power & Light (FPL) reported an unusual event at its Point Beach plant in Wisconsin due to water pump house flooding that had the potential to affect safety related equipment needed for the current operating mode. The leak, which was isolated, was from the north main zurn service water strainer. Operations entered the appropriate abnormal operating procedure and secured and isolated the affected strainer.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20131017en.html>

TVA Declares HPCI Inoperable at Its 1,155 MW Browns Ferry Nuclear Unit 1 in Alabama October 16

TVA reported the high pressure coolant injection (HPCI) system was declared inoperable due to an unintentional isolation that occurred during testing. The incorrect signal was cleared and the HPCI isolation was reset. Upon reset of the isolation signal, the HPCI system was returned to available status. The HPCI system was unavailable for 14 minutes before being returned to operable status following the successful performance of the surveillance section affecting the HPCI isolation logic.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20131017en.html>

Update: PG&E's 1,087 MW Diablo Canyon Nuclear Unit 1 in California at Full Power by October 17

On the morning of October 16 the unit was operating at 50 percent after entering an unplanned curtailment of 655 MW on October 15 to allow for work on a feedwater pump, according to the Nuclear Regulatory Commission.

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

Update: Dynegy's 510 MW Moss Landing Gas-fired Unit in California Returns to Service by October 16

The unit returned from an unplanned curtailment of 260 MW that began October 16.

<http://content.caiso.com/unitstatus/data/unitstatus201310161515.html>

Luminant's 793 MW Martin Lake Coal-fired Unit in Texas Shut Due to Malfunction October 12

Luminant Energy's Martin Lake coal-fired plant automatically tripped due to a malfunction, the company told state regulators on Saturday. The company said the unit tripped while at load due to an electrical malfunction that caused the loss of power to the wall circulating pump. When the pump failed, the company said the feedwater pressure dropped, causing the unit to trip. The company did not say when the unit would return to service.

Reuters, 7:48 October 14, 2013

Petroleum

BP Completes CDU Restart at Its 413,000 b/d Whiting, Indiana Refinery October 14

BP Plc completed the restart of the 111,000 b/d crude distillation unit (CDU) at its Whiting, Indiana, refinery after repairing a leaking flange, sources familiar with refinery operations said on Monday. The CDU was shut on October 4 and turnaround is still under way on a reformer.

Reuters, 11:09 October 14, 2013

Phillips 66 Reports FCC Restart at Its 146,000 b/d Borger, Texas Refinery October 15

Phillips 66 reported that it was beginning to restart its unit 40 fluidic catalytic cracker (FCC) after emissions at its refinery in Borger, Texas, according to the filing with the Texas Commission on Environmental Quality.

Reuters, 15:46 October 15, 2013

Total Reports Coker Rebounds From Steam Loss at Its 233,500 b/d Port Arthur, Texas Refinery October 12

Total Petrochemical USA's reported a delayed coker unit at its Port Arthur, Texas, refinery recovered on Saturday, after losing a supply of high-pressure steam, according to a notice the refinery filed with Texas pollution regulators.

Reuters, 17:36 October 13, 2013

Shell Restarts Unit at Its 100,000 b/d Scotford, Alberta Refinery by October 17

Royal Dutch Shell Plc reported it was restarting a unit at its Scotford facility near Edmonton, Alberta, according to a message posted on a community information line on Thursday. There could be intermittent flaring over the next 24 hours, but there should be no material impact to production due to the activity, the company said.

Reuters, 8:14 October 17, 2013

Kinder Morgan to Expand Deeprock's Oil Storage in Cushing, Oklahoma by 2.25 Million Barrels

Kinder Morgan Energy Partners LP said on Wednesday the Deeprock oil storage facility at Cushing, Oklahoma, will build nine new tanks with a capacity of 2.25 million barrels to accommodate oil that will come from a reversed pipeline. Deeprock currently has storage capacity of 1.75 million barrels at the oil hub. The storage will receive shale oil from North Dakota's Bakken formation along the Pony Express pipeline. The natural gas pipeline will be reversed and converted to carry oil by operator Tallgrass Energy Partners. The project also includes two pipelines that will connect to five Cushing destinations and, once finished, will be able to handle 350,000 b/d of oil.

Reuters, 18:30 October 16, 2013

Natural Gas

DCP Midstream Announces Commencement of Commercial Operations at Its 110 MMcf/d O'Connor Natural Gas Processing Plant Serving DJ Basin in Colorado

DCP Midstream Partners LP announced Wednesday that its new O'Connor plant, formerly known as the LaSalle Plant, is now in commercial operation. The O'Connor plant is a deep-cut cryogenic, natural gas processing plant located near Kersey, Colorado, in the Denver-Julesburg (DJ) Basin. The plant has an initial capacity of 110 MMcf/d but is expected to expand to 160 MMcf/d in the first half of 2014.

<http://ir.dcppartners.com/phoenix.zhtml?c=194107&p=RssLanding&cat=news&id=1865305>

Upton Reports Flaring, Plant Shutdown at Its 112 MMcf/d Benedum Gas Plant in Texas October 16

Upton reported flaring at its Benedum, Texas, plant that occurred due to the El Paso Natural Gas (EPNG) valve slamming shut on high hydrogen sulfide and the plant shutdown on high liquids. EPNG was called to reopen the valve, drain liquids from plant, and restart it which stopped the flaring.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=189626>

Other News

Nothing to report.

International News

Update: SPDC Reopens Trans Nigeria Pipeline's 28-Inch Line Following Fire October 16; Force Majeure on Bonny Light Still in Place

The Shell Petroleum Development Company of Nigeria Ltd (SPDC) yesterday reopened the 28-inch line of the Trans Niger Pipeline (TNP) after repairs were completed following the earlier reported fire at Patrick Waterside in Bodo. A joint investigation team has confirmed the fire was due to a hacksaw cut by unknown persons causing the 28-inch line to be shut-in on October 14. The 24-inch line, which was shut-in on October 9 following leaks at B-Dere and Nonwa-Tai, remains closed. While investigations showed that a hole was drilled on the 24-inch TNP at B-Dere, the joint investigation on the Nonwa-Tai spill is continuing and expected to be concluded soon. Preliminary findings indicate that the spill may have been caused by a failure on the pipeline. SPDC said it will continue to monitor the situation and the force majeure that was declared on Bonny Light exports on October 9 will be lifted as soon as it is operationally possible to do so.

<http://www.shell.com.ng/aboutshell/media-centre/news-and-media-releases/2013-releases/tnp-reopens-after-crude-theft-fire.html>

Colombia, Venezuela to Join Cano Limon-Covenas, Guafita Oil Pipelines at Border

Colombia and Venezuela have reached an agreement that will join the Cano Limon-Covenas pipeline, owned by Ecopetrol, with Petroleos de Venezuela's Guafita pipeline, according to the Foreign Ministry's press office. The agreement will give Colombia more ways to export crude produced in its eastern plains.

<http://www.hydrocarbonprocessing.com/Article/3267711/Latest-News/Colombia-Venezuela-to-link-oil-pipelines-at-border.html>

Energy Prices

U.S. Oil and Gas Prices			
October 17, 2013			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	100.49	103.13	92.00
NATURAL GAS Henry Hub \$/Million Btu	3.84	3.70	3.27

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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