



ENERGY ASSURANCE DAILY

Monday Evening, March 20, 2017

Electricity

PSEG Reports Power Restored after Switching Station Transformers Fail in New Jersey March 20

PSE&G reported at least two transformers at a switching station in New Jersey suddenly failed Monday morning, knocking out power to about 20,000 customers in Bayonne and Jersey City, New Jersey. Power was restored about an hour later. The cause of the failure is under investigation.

https://twitter.com/PSEGdelivers?ref_src=twsrc%5Etfw

http://www.nbcnewyork.com/news/local/No-Power-Bayonne-New-Jersey-PSEG-Outage-Mystery-416612893.html?_osource=SocialFlowTwt_NYBrand

Constellation's 565 MW Nine Mile Point Nuclear Unit 1 in New York Shut March 20

The unit shut from 74 percent due to pressure oscillations.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2017/>

<https://www.nrc.gov/reading-rm/doc-collections/event-status/event/2017/20170320en.html>

Progress Energy's 811 MW Brunswick Nuclear Unit 2 in North Carolina Shut by March 18

On the morning of March 17, the unit was operating at 83 percent. The cause of the shutdown was not immediately known.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2017/>

FPL's 693 MW Turkey Point Nuclear Unit 3 in Florida Shut March 18

The unit shut from full power after an alert was declared for indications of a fire in the safety related switchgear.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2017/>

<https://www.nrc.gov/reading-rm/doc-collections/event-status/event/2017/20170320en.html>

TVA's 1,125 MW Watts Bar Nuclear Unit 1 in Tennessee Shut by March 19

On the morning of March 18, the unit was operating at 78 percent, reduced from full power on March 17. The cause of the shutdown was not immediately known.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2017/>

Entergy's 730 MW Palisades Nuclear Unit in Michigan Shut by March 18

On the morning of March 17, the unit was operating at 95 percent. The cause of the shutdown was not immediately known.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2017/>

FPL's 512 MW Point Beach Nuclear Unit 2 in Wisconsin Shut by March 18

On the morning of March 17, the unit was operating at 92 percent. The cause of the shutdown was not immediately known.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2017/>

Update: Entergy's 836 MW Arkansas Nuclear Unit 1 in Arkansas at Full Power by March 18

On the morning of March 17, the unit was operating at 85 percent reduced from full power on March 16.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2017/>

STP's 1,251 MW South Texas Nuclear Unit 1 in Texas Shut by March 18

On the morning of March 17, the unit was operating at full power. The cause of the shutdown was not immediately known.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2017/>

Update: PG&E's 1,087 MW Diablo Canyon Nuclear Unit 2 in California at Full Power by March 20

On the morning of March 19, the unit was operating at 50 percent reduced from full power on March 12.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2017/>

SDG&E's 575 MW Palomar Gas-fired Unit in California Shut by March 19

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201703191515.html>

Update: Solar Partners' 133 MW Ivanpah Solar Unit 3 in California Returns to Service by March 17

The unit returned from an unplanned outage that began on March 15.

<http://content.caiso.com/unitstatus/data/unitstatus201703171515.html>

Energia Azteca's 180 MW Gas-fired Unit in California Shut by March 17

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201703171515.html>

Energia de Baja California's 322 MW Gas-fired Unit in California Shut by March 17

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201703171515.html>

First Solar Begins Operations of Its 250 MW Moapa Southern Paiute Solar Project in Nevada March 17

First Solar, Inc. and the Moapa Band of Paiutes on Friday commissioned the Moapa Southern Paiute Solar Project located on the Moapa River Indian reservation, approximately 30 miles north of Las Vegas. The facility is the first-ever utility-scale solar power plant to be built on tribal land, and features more than 3.2 million advanced First Solar thin film photovoltaic (PV) solar panels. The project has a 25-year power purchase agreement (PPA) with LADWP to bring energy to Los Angeles, California residents.

<http://investor.firstsolar.com/releasedetail.cfm?ReleaseID=1017916>

Dayton Power & Light to Permanently Shut Its 2,452 MW Stuart, 690 MW Killen Coal-Fired Power Plants in Ohio by June 2018

Dayton Power & Light, a subsidiary of AES, on Monday announced it will close its J.M. Stuart and Killen coal-fired power plants in southern Ohio by June 2018. The company said the plants would not be economically viable beyond mid-2018.

Reuters, 13:24 March 20, 2017

Petroleum

Update: Motiva Assessing Fire Damage at Its 235,000 b/d Convent, Louisiana Refinery, HCU Restart on Hold March 20

Motiva Enterprises put on hold the restart of the hydrocracking unit (HCU) at its Convent, Louisiana, refinery to assess damage from a fire, sources familiar with plant operations said on Sunday. The fire broke out on Saturday as Motiva was restarting the 45,000 b/d heavy oil hydrocracker (H-Oil Unit) to run at full capacity for the first time since a fire on August 11, 2016. There was no timeline for the completion of the assessment, which will include a determination of the cause of the fire, the sources said. On Saturday, Motiva confirmed a fire took place at the refinery, but did not identify the unit involved. The August fire heavily damaged the H-Oil Unit and forced it to remain shut until late November when it returned to production at half capacity. The H-Oil Unit was then shut on March 3 to tie together its second repaired production train with the one repaired in 2016. Prior to Saturday's fire, the unit had been expected to reach full production this week.

Reuters, 12:29 March 20, 2017

Update: LyondellBasell to Restart FCCU at Its 263,776 b/d Houston, Texas Refinery in Early April – Sources

LyondellBasell Industries is planning to restart the 90,000 b/d fluidic catalytic cracking unit (FCCU) at its Houston, Texas refinery in early April using portable cooling units, said Gulf Coast market sources. Lyondell restarted the smaller of two crude distillation units (CDU) on Saturday at the refinery, the sources said. A vacuum distillation unit restarted after the CDU. A fire on March 15 heavily damaged the tower at the refinery supplying cooling water to the FCCU. The FCCU was shut on January 30 for a planned overhaul scheduled to finish in mid-March, but had been extended to the end of March. The fire also stopped the restart of the 120,000 b/d CDU, which had begun last Tuesday. The unit was initially shut in early February as part of the multiunit overhaul that included the FCCU. The CDU's restart resumed on Friday.

Reuters, 11:09 March 20, 2017

Phillips 66 Delays Restart of Crude Units at Its 238,000 b/d Bayway, New Jersey Refinery March 20 – Source

Phillips 66 has delayed the restart of two 115,000 b/d crude units at its Bayway refinery in Linden, New Jersey until the end of the month, according to a source familiar with the plant's operations. The company was expected to restart the units on March 19, having shut them in early February for planned work.

Reuters, 10:54 March 20, 2017

HollyFrontier Running FCCU at Its 138,000 b/d El Dorado, Kansas Refinery at Reduced Rates – Source

HollyFrontier Corp was running the 39,000 b/d fluidic catalytic cracking unit (FCCU) at its El Dorado, Kansas refinery at reduced rates, a source familiar with the plant's operations said on Monday. No cause was given for the reduction in rates. Energy intelligence service Genscape on Sunday reported the FCCU was shut at the refinery. A 141,000 b/d crude unit, 20,500 b/d coker, and sulfur recovery unit were shut for roughly three weeks of planned work at the refinery on March 13.

Reuters, 11:20 March 20, 2017

Shell Shuts Hydrocracker at Its 285,500 b/d Deer Park, Texas Refinery March 18 – Source

A hydrocracking unit remained shut on Monday at Royal Dutch Shell's joint-venture refinery in Deer Park, Texas, said a source familiar with plant operations. The 67,000 b/d hydrocracker was shut on Saturday, energy industry intelligence service Genscape said on Monday.

Reuters, 13:44 March 20, 2017

AER Assessing Crude Oil Leak from Husky Pipeline in Southwest Alberta March 16

Husky Energy on March 16 reported a release of crude oil that impacted Coxhill Creek in southwestern Alberta, the Alberta Energy Regulator (AER) said. The line was shut in and depressurized and no more oil is flowing through that section of the pipeline, an AER spokesperson said. Spill response companies and an environmental contractor were on site. There were no reported impacts to wildlife.

<http://www1.aer.ca/compliancedashboard/incidents.html>

Reuters, 21:01 March 17, 2017

Update: Appeals Court Denies Emergency Order to Stop Oil Flow through Dakota Access Pipeline March 18

The U.S. Court of Appeals for the District of Columbia Circuit on Saturday denied a request from the Standing Rock and Cheyenne River Sioux tribes for an emergency order to stop the imminent flow of oil through the Dakota Access pipeline. The tribes fear the pipeline, which will move North Dakota oil to Illinois, could harm their water supply.

Reuters, 16:31 March 18, 2017

Update: PHMSA Issues Proposed Safety Order to Review Second Hilcorp Pipeline in Alaska March 17

The Pipeline and Hazardous Materials Safety Administration (PHMSA) on Friday issued a proposed safety order to review a Hilcorp-owned oil pipeline near the company's underwater pipeline that has been leaking natural gas since mid-December in Alaska's Cook Inlet. PHMSA said the 8-inch oil pipeline is subject to the same stresses as the 8-inch natural gas pipeline and must be quickly inspected. The PHMSA called for inspection of the oil pipeline, which moves crude oil and water to shore for processing, by side-scan sonar or divers within 21 days of a final safety order. If Hilcorp cannot complete the inspection, the pipeline must be shut down, the agency said in its proposed order. Hilcorp, which has 30 days to respond, said it will work with state and federal and state agencies to ensure a timely response to concerns. Hilcorp started looking for a leak in January, and on February 7, a helicopter crew spotted gas bubbling to the surface about 4 miles offshore in 80 feet of water. Hilcorp lowered the pressure in the line on March 13 and estimates the leak is down to 193,000 to 215,000 cubic feet daily. The leaking pipeline supplies gas to four petroleum platforms. The PHMSA on March 3 issued an initial proposed safety order requiring the gas line to be repaired by May 1 or shut down.

<https://s3.amazonaws.com/arc-wordpress-client-uploads/adn/wp-content/uploads/2017/03/18095125/Phmsa-to-Hilcorp-March-17.pdf>

Reuters, 20:31 March 17, 2017

TransCanada Files NEB Application for Its North Montney Mainline Project in British Columbia March 20

TransCanada Corporation on Monday announced that it filed a variance application with the National Energy Board (NEB) to proceed with construction of the North Montney Mainline (NMML) Project in northeast British Columbia. TransCanada has previously been granted the required primary federal and provincial approvals to construct NMML, subject to conditions that included the requirement for a positive final investment decision on the proposed Pacific Northwest LNG (PNW) Project. The requested variance would allow TransCanada to move forward with construction of the majority of the NMML Project prior to a final investment decision on the PNW LNG project. In support of the variance for the NMML Project, TransCanada has secured new 20-year commercial contracts with 11 shippers for approximately 1.5 Bcf/d of firm service. Located in the Peace River Regional District, the project will be approximately 187 miles of pipeline and include associated metering facilities, valve sites, and compression facilities. Subject to regulatory approvals, TransCanada plans to begin construction in the first half of 2018, with facilities being phased into service over a two-year period, beginning in April 2019.

<http://transcanada.mwnewsroom.com/Files/5b/5bc2e98e-0360-4838-831e-79bd5372fea4.pdf>

Other News

Nothing to report.

International News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
March 20, 2017			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	47.74	47.90	39.42
NATURAL GAS Henry Hub \$/Million Btu	2.83	2.98	1.82

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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