



ENERGY ASSURANCE DAILY

Thursday Evening, November 12, 2015

Electricity

Talen Energy's 1,105 MW Susquehanna Nuclear Unit 1 in Pennsylvania Automatically Shuts November 12

Talen Energy reported that Unit 1 at the Susquehanna nuclear power plant automatically shut down at approximately 11:32 a.m. local time this morning based on the designed activation of the safety features that are part of the reactor's protection system. Operators are investigating the exact cause of the shutdown and have confirmed that all systems are responding as expected, the company said in a press release. The facility's 1,111 MW nuclear Unit 2 is operating safely at full power, the release said.

<http://talenergy.investorroom.com/2015-11-12-Unit-1-reactor-at-Susquehanna-Nuclear-Plant-shuts-down>

Update: Progress Energy's 872 MW Brunswick Nuclear Unit 1 in North Carolina Restarts, Ramps Up to 15 Percent by November 12

Unit 1 was returning from a shutdown that began on November 8. On the morning of November 11 the unit was operating at 1 percent.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

Update: PSE&G's 1,049 MW Hope Creek Nuclear Unit 1 in New Jersey Returns to Full Power by November 12

Unit 1 was returning from a reduction to 80 percent that began on November 4.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

Update: PSE&G's 1,096 MW Salem Nuclear Unit 1 in New Jersey Returns to Full Power by November 12

Unit 1 was returning from a reduction to 85 percent that began on November 2.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

NRG's 263 MW El Segundo Gas-fired Unit 5/6 in California Reduced by November 10

The unit entered an unplanned curtailment of 113 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201511101515.html>

Petroleum

Enbridge's 600,000 b/d Flanagan South Pipeline Experiencing Operational Issues, Congestion November 12 – Sources

Enbridge's 600,000 b/d Flanagan South pipeline, which transports crude oil from Flanagan, Illinois to Cushing, Oklahoma, was experiencing operational issues on Thursday, according to two sources. The scope of the problem was not immediately clear, but sources said the line may be facing issues with congestion. Separately, energy monitoring service Genscape reported on Thursday that the pipeline had been shut. A spokesman for Enbridge declined to comment on that report.

Reuters, 12:43 November 12, 2015

Large CDU Affected by HTU Upset at Valero's 335,000 b/d Port Arthur, Texas Refinery November 10 – Sources

A large crude distillation unit (CDU) at Valero Energy Corp's 335,000 b/d Port Arthur, Texas refinery was affected by the malfunction of a hydrotreating unit (HTU) on Tuesday, according to sources familiar with plant operations. The malfunction of the 47,000 b/d HTU due to a leak and a compressor shutdown quickly affected the 50,000 b/d catalytic reforming unit and then the 268,000 b/d CDU, the sources said. In a filing with the Texas Commission on Environmental Quality on Wednesday, operators reported that a unit upset resulted in emissions late Tuesday morning. The catalytic reforming unit and hydrotreating unit are listed as sources of the emissions. Valero was working on fixing the malfunction overnight and hopes to restore normal production on Wednesday.

Reuters, 17:51 November 10, 2015

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=222878>

Update: Monroe Energy Planning FCCU Restart at Its 185,000 b/d Trainer, Pennsylvania Refinery after Failed Restart Last Week – Source

Monroe Energy was planning to restart the 55,000 b/d fluid catalytic cracking unit (FCCU) at its Trainer refinery just outside Philadelphia on Wednesday after a failed restart last week, according to a person familiar with the operations. Operators had attempted to restart the unit in the last week following nearly a month of unexpected repairs.

Reuters, 11:00 November 11, 2015

Motiva Shuts DCU Due to Compressor Outage at Its 603,000 b/d Port Arthur, Texas Facility November 11 – Sources

Motiva Enterprises LLC shut a 110,000 b/d delayed coking unit (DCU) at its 603,000 b/d Port Arthur, TX refinery on Wednesday night due to a compressor outage, sources familiar with plant operations said on Thursday. The DCU-2 coker was cited as the source of flaring at the refinery, in a notice Motiva filed on Thursday with the Texas Commission on Environmental Quality.

Reuters, 14:42 November 12, 2015

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=222911>

Shell Reports Firewater Leak, Process Unit Upset at Its 316,000 b/d Deer Park, Texas Refinery November 10–11

Royal Dutch Shell Plc reported a firewater leak into Patrick Bayou from its Deer Park, Texas facility on Tuesday, and an unspecified process unit upset at the refinery on Wednesday, according community information phone line messages.

Reuters, 23:49 November 10, 2015

Reuters, 14:16 November 11, 2015

Valero Reports SRU Emissions at Its 89,000 b/d Three Rivers, Texas Refinery November 10

Operators reported that hydrocarbon carryover in the feed stream during unit startup led to emissions from the No. 1 sulfur recovery unit (SRU) overnight Tuesday, according to a filing with the Texas Commissions on Environmental Quality.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=222874>

Valero Reports Unspecified Shutdowns and Emissions at Its 86,000 b/d Ardmore, Oklahoma Refinery November 1–6

Valero Energy Corp. reported a shutdown and excess nitrogen oxides at its Ardmore, Oklahoma refinery on November 1; excess emissions from a fluid catalytic cracking unit (FCCU) on November 4; a shutdown and excess carbon monoxide from a FCCU on November 5; and excess nitrogen oxides from a hydrocracker on November 6, according to a filing with the Oklahoma Department of Environmental Quality that was made public today.

Reuters, 13:15 November 12, 2015

HollyFrontier Reports Flaring at Its 85,000 b/d Tulsa West, Oklahoma Refinery November 6

Operators reported excess sulfur dioxide and hydrogen sulfide from the No. 2 alkylation flare at its Tulsa West, Oklahoma refinery on November 6, according to a filing with the Oklahoma Department of Environmental Quality that was made public today.

Reuters, 13:23 November 12, 2015

CVR Reports Malfunction at Its 70,000 b/d Wynnewood, Oklahoma Refinery November 9

Operators reported an unspecified malfunction and excess hydrogen sulfide to the hydrocracker flare on November 9, according to a filing with the Oklahoma Department of Environmental Quality that was made public today.
Reuters, 13:19 November 12, 2015

Phillips 66 Reports Flaring at Its 139,000 b/d Wilmington, California Refinery November 11

Phillips 66 reported unplanned flaring at the Carson facility of its Wilmington, CA refinery Wednesday afternoon, according to a filing with the South Coast Air Quality Management District. The refinery has two linked facilities about 5 miles apart in Carson and Wilmington. The former processes crude oil while the latter upgrades the products.
Reuters, 03:39 November 12, 2015

ExxonMobil Reports Flaring at Its 502,000 b/d Baton Rouge, Louisiana Refinery November 11

ExxonMobil reported an unspecified flaring event occurred at its 502,000 b/d Baton Rouge, Louisiana refinery.
Reuters, 10:10 November 11, 2015

HollyFrontier Reports Power Interruptions at Its 47,000 b/d Cheyenne, Wyoming Refinery November 12

HollyFrontier reported a power interruption at its Cheyenne, WY refinery, according to a Reuters news report Thursday afternoon. Operators were working to restore power, the report said.
Reuters, 14:33 November 12, 2015

Natural Gas

Update: TGP Says Work Continues on Its Natural Gas Pipeline System in Texas November 11 after Failure August 3

Kinder Morgan's Tennessee Gas Pipeline (TGP) Company said that work continues related to the pipeline failure for MLV 403-1 to MLV 404-1 near Falfurrias, TX. Currently, Line 1 is isolated and operators are maintaining reduced pressure from Segment 409 near Edinburg, TX to Station 1 in Agua Dulce, TX. Further inspections and work will be required to return the pipeline to service. During this work physical flow will remain shut-in at Myrick PIN 412733. Current estimate of the return to service date is now December 31, 2015.
Reuters, 16:50 November 11, 2015

Update: TransCanada's ANR Pipeline Lifts Force Majeure on Its Michigan Leg North Segment in Michigan November 11

TransCanada Corp's ANR Pipeline lifted force majeure on Wednesday after completing an unplanned pipeline replacement on its 30-inch natural gas pipeline north of the Bridgman Compressor Station in Michigan. The company declared force majeure on October 8 after the line was shut for unexpected repairs. ANR connects markets in Wisconsin, Michigan, Illinois, and Ohio with supplies from Texas, Oklahoma, and the Gulf of Mexico through its 9,400 miles of natural gas pipeline, according to TransCanada's website.
Reuters, 14:19 November 11, 2015

East Tennessee Natural Gas Cites Cold Weather, High Demand for Continued Pipeline Imbalances in Tennessee November 12

East Tennessee Natural Gas (ETNG) issued a notice Wednesday stating that colder weather forecasts and anticipated higher demand has limited its operational flexibility to manage pipeline imbalances east of Boyds Creek. All delivery point operators east of Boyds Creek have been notified to maintain daily consumption equal to or less than scheduled quantities regardless of their cumulative imbalance position.
Reuters, 10:52 November 12, 2015

Update: Texas LNG Submits Draft Reports to FERC for Its 2 Million Tonnes per Year Brownsville LNG Project

Texas LNG Brownsville LLC announced Tuesday that it has submitted all 13 draft resource reports to the Federal Energy Regulatory Commission (FERC) related to its proposed two-phase Texas LNG Project. Texas LNG will construct, own, and operate a liquefied natural gas (LNG) facility at the Port of Brownsville, Texas. The facility will have a planned phase I capacity to produce and export up to 2 million tonnes per year of LNG from approximately 275 MMcf/d or 0.28 Bcf/d of feed gas sourced from the U.S. natural gas system. Phase II developments will increase capacity by an additional 2 million tonnes per year. Texas LNG hopes to commence construction in the first half 2017. Phase I is expected to commence production in 2020 pending FERC's final approval.

<http://globenewswire.com/news-release/2015/11/11/785936/0/en/Texas-LNG-Submits-All-Thirteen-Draft-Resource-Reports-to-the-FERC-Forges-Technology-Alliance-Agreement-With-Honeywell.html>

<http://www.txlng.com/theproject/project-overview.html>

AGI Compressor Shutdown Leads to Emissions at Regency's 290 MMcf/d Waha Gas Plant in Texas November 10

Operators reported emissions after an acid gas injection (AGI) compressor shut down due to rod load compression Tuesday, according to a filing with state regulators.

<http://www2.tceq.texas.gov/oce/ee/index.cfm?fuseaction=main.getDetails&target=222876>

Other News

Nothing to report.

International News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
November 12, 2015			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	41.69	45.22	78.20
NATURAL GAS Henry Hub \$/Million Btu	2.11	2.02	3.66

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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