



ENERGY ASSURANCE DAILY

Monday Evening, October 25, 2010

Electricity

DTE's 1,089 MW Fermi Nuclear Unit 2 in Michigan Shut by October 25 after Turbine Trip on October 24

According to a company filing with the Nuclear Regulatory Commission (NRC), the unit experienced a main turbine trip due to a loss of condenser vacuum October 24. The NRC reported that on the morning of October 24 the unit was operating at 97 percent.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2010/20101025en.html>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

Duke Energy's 846 MW Oconee Nuclear Unit 3 in South Carolina Shut by October 23

The Nuclear Regulatory Commission reported that on the morning of October 22 the unit was operating at 94 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

TVA's 1,155 MW Browns Ferry Nuclear Unit 1 in Alabama Reduced to 38 Percent by October 23

The Nuclear Regulatory Commission reported that on the morning of October 22 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

Dominion's 810 MW Surry Nuclear Unit 1 in Virginia Shut by October 24

The Nuclear Regulatory Commission reported that on the morning of October 23 the unit was operating at 88 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

PG&E's 1,087 MW Diablo Canyon Nuclear Unit 2 in California Reduced to 76 Percent by October 25

The Nuclear Regulatory Commission reported that on the morning of October 24 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

Dynegy's 510 MW Moss Landing Gas-Fired Unit 1 in California Shuts, Returns to Service October 23-24

According to the California Independent System Operator, the unit reported an unplanned outage by October 23. The unit then reported a return to service by October 24.

<http://www.caiso.com/unitstatus/data/unitstatus201010241515.html>

TXU's 593 MW Monticello Coal-Fired Unit 1 in Texas Shut October 23

The unit tripped while at load due to pluggage on the 1H feeder.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=146497>

Update: PSE&G's 1,092 MW Salem Nuclear Unit 2 in New Jersey Ramped Up to 98 Percent by October 23

The Nuclear Regulatory Commission reported that on the morning of October 22 the unit was operating at 45 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

Exelon's 1,134 MW Limerick Nuclear Unit 2 in Pennsylvania Curtailed, Ramped Up to 98 Percent by October 25

The Nuclear Regulatory Commission reported that on the morning of October 24 the unit was operating at 52 percent. The unit was reduced to 50 percent from full power by October 23 for unknown reasons.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

FPL's 565 MW Duane Arnold Nuclear Unit in Iowa Shut by October 24

The Nuclear Regulatory Commission reported that on the morning of October 23 the unit was operating at 95 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

Constellation's 835 MW Calvert Cliffs Nuclear Unit 2 in Maryland Curtailed, Restored to Full Power by October 24

The Nuclear Regulatory Commission reported that the unit was reduced to 80 percent from full power by the morning of October 23.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

Bruce's 822 MW Bruce Nuclear Unit 5 in Ontario Shut by October 22

Reuters, 06:04 October 25, 2010

Enmax's 250 MW Calgary Gas-Fired Unit in Alberta Shut by October 24

Reuters, 06:04 October 25, 2010

Duke Energy Breaks Ground on 620 MW Gas-Fired Unit at Existing 276 MW Coal-Fired Dan River Steam Station in Eden, North Carolina October 19

The combined-cycle natural gas plant is due to begin operating by the end of 2012. Coal units 1 and 2 at the plant are due to be retired when construction concludes.

<http://www2.godanriver.com/news/2010/oct/24/duke-energy-breaks-ground-ar-582337/>

<http://www.duke-energy.com/about-us/natural-gas-qa.asp>

BrightSource to Break Ground on Proposed 392 MW Ivanpah Solar Electric Generating System in California October 27

The solar thermal plant will be the largest in the world, and the first large scale project of its type in California in more than two decades. Thousands of mirrors will concentrate the sun's rays to produce steam which will in turn power three turbines to produce up to 392 MW of electricity. Construction is due to be complete in 2013.

<http://ivanpahsolar.com/brightsource-secures-all-three-steam-turbine-generators-needed-for-ivanpah>

<http://www.latimes.com/business/la-fi-solar-plant-20101023,0,2996338,full.story>

Multiple Units Malfunction at ConocoPhillips' 280,000 b/d Bayway Refinery in Linden, New Jersey October 21-25

A gasoline-making unit was operating at reduced rates October 22 after an unplanned compressor shutdown October 21, but the unit was expected to return to normal rates by October 23. In an unrelated event, a transformer malfunctioned on October 25, leading to a power outage and flaring. Part of the refinery is currently shut for planned maintenance. It is not clear if either event had an effect on the refinery's output.

DJN, 11:04 October 25, 2010

http://www.myfoxny.com/dpp/news/local_news/new_jersey/refinery-controlled-burn-in-linden-20101025-KC

<http://www.reuters.com/article/idUSN2525811520101025>

<http://online.wsj.com/article/BT-CO-20101022-708737.html>

Update: Marathon Ramps Up Units at 206,000 b/d Robinson, Illinois Refinery over Weekend

The company had reduced a crude unit last week. It is not clear which units are now coming back online.

Reuters, 10:19 October 25, 2010

FCCU Snag at Citgo's 167,000 b/d Lemont, Illinois Refinery Leads to Flaring

The company reported to state regulators that the flaring was caused by "instrumentation issues" at the gasoline-making fluid catalytic cracking unit (FCCU).

Reuters, 00:08 October 25, 2010

Malfunction Cuts Steam and Hydrogen Supplies at ConocoPhillips' 120,200 b/d Rodeo, California Refinery October 22

The company reported October 24 that it is working to restore the critical systems. It is not clear if the outages affected production.

Reuters, 17:05 October 24, 2010

Equipment Failure Leads to Flaring at Coffeyville Resource's 115,700 b/d Coffeyville, Kansas Refinery October 24

It was not clear what caused the unspecified units to malfunction.

Reuters, 02:08 October 25, 2010

Update: Enbridge Extends Open Season for Proposed 145,000 b/d Bakken Expansion Program in North Dakota and Saskatchewan, Canada until November 30

Enbridge Energy Partners L.P. and Enbridge Income Fund launched a binding open season on August 26 for its proposed Bakken Expansion Program, a series of projects intended to expand crude oil pipeline capacity in North Dakota and Saskatchewan. The project would provide 145,000 b/d of incremental pipeline capacity from new receipt locations in the Bakken and Three Forks formations in North Dakota to interconnections with other existing Enbridge systems. The open season was expected to end on October 29. Enbridge currently has enough binding commitments to allow construction to proceed, though some customers requested additional time to secure necessary approvals to make a commitment to use the new facilities.

http://www.downstreamtoday.com/news/article.aspx?a_id=24394

Update: Tenth Oil Refinery in France Begins to Shut by October 25 as Strikes Limit Crude Oil Supplies

Ineos AG began to halt production at its 218,000 b/d Lavera refinery due to a lack of crude oil supplies according to a company representative. French riot police took over Total's 93,000 b/d Grandpuits refinery on October 22 after it had been blockaded by protestors. France's 11 operable refineries have a total capacity of 1.84 MMb/d according to Bloomberg.

<http://www.bloomberg.com/news/2010-10-25/french-workers-strikes-lead-to-oil-refinery-shutdowns-table-.html>

<http://www.bbc.co.uk/news/world-europe-11604092>

Ecopetrol Declares Commercial Viability at Its 1,600 b/d Casabe Sur Field in Colombia October 21

Ecopetrol plans to increase production at the field to 5,500 b/d by 2012. It is estimated that the field contains 62 million barrels of hydrocarbons, of which unaudited proven oil reserves are calculated to be 5.4 million, with 9.9 million barrels of probable reserves.

<http://www.ecopetrol.com.co/english/contenido.aspx?conID=45486&catID=382>

http://www.rigzone.com/news/article.asp?a_id=100504

Natural Gas

Nothing to report.

Other News

DOT, EPA Propose First-Ever Fuel Efficiency Standards for Heavy Trucks October 25

The proposed rules would cut carbon emissions by 20 percent by 2018. The first-ever fuel efficiency rules for commercial vehicles, they would affect model years 2014 to 2018. The Department of Transportation and the Environmental Protection Agency estimate that the new rules would eventually save 500 million barrels of oil over the life of the new trucks. They are not expected to be final until mid-2011.

Reuters, 12:00 October 25, 2010

<http://www.reuters.com/article/idUSN2526911120101025>

Energy Prices

U.S. Oil and Gas Prices October 25, 2010			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	81.72	82.74	80.32
NATURAL GAS Henry Hub \$/Million Btu	3.19	3.47	4.98

Source: Reuters

Energy Notes

Over 13,400 Duke Energy Customers in North Carolina Lose Power October 25

<http://www.duke-energy.com/outages/stats/>

Storms Knock Out Power to Peak of 17,700 Alabama Power Customers in Alabama by October 25 – 12,000 Still Out as of Latest Reports

http://blog.al.com/spotnews/2010/10/more_than_12000_alabama_power.html

Over 16,100 Entergy Customers in Arkansas Lose Power after Storms October 24

<http://entergy-arkansas.com/outages/ar.aspx>

<http://www.arkansasonline.com/news/2010/oct/24/central-south-ark-under-tornado-watch/?news-arkansas>

15,000 PG&E Customers Lose Power in Oakland, California Due to Storms and a Substation Outage October 24

<http://www.sacbee.com/2010/10/24/3128288/system-bringing-heavy-rain-to.html>

http://www.mercurynews.com/breaking-news/ci_16424066?nclink_check=1

Cask Leakage Rate Higher than Technical Specifications Allow at Exelon's Peach Bottom Nuclear Unit in Pennsylvania October 22 – No Impact on Production Reported

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2010/20101025en.html>

Power Failure Knocks Out High Pressure Coolant Injection System at Entergy's 813 MW FitzPatrick Nuclear Unit in New York October 23 – No Impact on Production Reported

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2010/20101025en.html>

Shelby Municipal Light to Cease Most Power Generation at Its 37 MW Shelby Municipal Light Coal-Fired Power Plant April 1, 2011 – 7 MW Unit 4 to Be Converted to Burn Natural Gas for Operation during Times of Peak Demand

<http://www.mansfieldnewsjournal.com/article/20101025/NEWS01/10250311>

CenterPoint Energy Seeks Permission from Texas PUC to Build a System of Electric Vehicle Charging Stations in Texas

<http://www.chron.com/dispatch/story.mpl/business/energy/7260224.html>

California PUC Has Issued \$170.9 Million in Fines and Ordered Companies to Spend \$330.1 Million in Other Forms of Restitution Since 1999

http://www.pe.com/ap_news/California/CA_Pipeline_Explosion_CPUC_533733C.shtml

Equipment Failure Leads ConocoPhillips' 120,000 b/d Rodeo, California Refinery to Release Unburned Gases October 22 after Flares Fail to Keep Up – Local Governments Issue Emergency Alerts, Though No Illnesses Reported

<http://www.sfgate.com/cgi-bin/article.cgi?f=/n/a/2010/10/22/state/n164458D89.DTL&type=newsbayarea>

http://www.mercurynews.com/breaking-news/ci_16409189

TCEQ Chairman, Developers Seek Air Quality Permit Decision for Proposed Petroleum Coke-Fired Las Brisas Energy Center in Corpus Christi, Texas by End of the Year to Avoid Potential Carbon Dioxide Regulations

<http://www.statesman.com/news/texas-politics/proposed-plant-in-corpus-christi-tries-to-get-993915.html?viewAsSinglePage=true>

High Discharge Temperatures Shut Compressor at Welch CO2 Gas Processing Facility in Texas October 24

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=146502>

Emergency Shutdown at 50 MMcf/d East Vealmoor Gas Processing Plant in Texas October 22-24

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=146493>

Power Outage Shuts Enbridge's Henderson Gas Processing Plant in Texas October 23-24

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=146503>

Power Surge Shorts Control System, Causes Upset at Enbridge's Pittsburg Gas Processing Plant in Texas October 24

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=146504>

Baghouse Damper Malfunctions at Oak Grove Steam Electric Generating Station in Texas October 22

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=146491>

York Maritime's Singapore-Flagged Tanker MV York Hijacked by Somali Pirates off East Coast of Africa October 23 – Ship Was Carrying 150,000 Tons of LNG or LPG

Reuters, 07:02 October 24, 2010

http://www.msnbc.msn.com/id/39819344/ns/world_news-africa/

http://www.upi.com/Top_News/World-News/2010/10/24/Pirates-take-tanker-and-trawler-off-Kenya/UPI-82001287945744/

Undisclosed Company Files First Post-Moratorium Oil and Gas Deep Water Drilling Request in Gulf of Mexico October 12

<http://www.chron.com/dispatch/story.mpl/ap/tx/7259870.html>

Links

This Week in Petroleum from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

Natural Gas Weekly Update from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EST every Thursday.

ENERGY ASSURANCE DAILY

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<http://www.oe.netl.doe.gov/ead.aspx>

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