



ENERGY ASSURANCE DAILY

Friday Evening, March 04, 2016

Electricity

DTE's 1,089 MW Fermi Nuclear Unit 2 in Michigan at Full Power by March 4

On the morning of March 3 the unit was operating at 75 percent. The unit was reduced to 59 percent on February 27 to make repairs on a valve in the feedwater system.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

Update: Entergy's 858 MW Arkansas Nuclear Unit 2 in Arkansas at Full Power by March 4

On the morning of March 3 the unit had restarted and was operating at 20 percent. The unit shut from full power on February 24.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

Update: Campo Verde's 139 MW Solar Unit in California Returns to Service by March 3

The unit returned from an unplanned outage that began on March 1.

<http://content.caiso.com/unitstatus/data/unitstatus201603031515.html>

PG&E's 154 MW Kerkhoff Hydro Unit 1 in California Shut by March 3

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201603031515.html>

Xcel Energy Completes 115 kV Bowers-Howard Transmission Line in Texas March 2

Xcel Energy on Wednesday energized a new 115 kV, 38-mile transmission line between its Bowers Substation in Gray County and Howard Substation in Wheeler County, Texas. The company also completed significant upgrades at both the Bowers and Howard substations to accommodate the new line. The line was envisioned six years ago when Southwest Power Pool identified potential bottlenecks and voltage issues in the eastern Panhandle, which had not seen significant upgrades in power infrastructure in decades. Xcel Energy took on the project as part of its Power for the Plains transmission enhancement initiative, and started planning the project in 2012. The manager for the project said without the line, it would have been challenging to regulate the flow of power due to the increased power needs of the oil and gas industries operating in the area.

<http://www.transmission.xcelenergy.com/staticfiles/microsites/Transmission/Files/PDF/News/Transmission-News-Release-Xcel-Energy-Bowers-Howard-Energized.pdf>

Minnesota on Track to Surpass Renewable Energy Goal – Department of Commerce

The Minnesota Department of Commerce, in a new report, indicated the state could beat its goal for electricity generated by renewable energy ahead of schedule. The report said the state generated 21 percent of its electricity from solar, wind, hydro, and biomass power in 2015—up from 6 percent a decade ago. State lawmakers in 2007 adopted aggressive renewable energy goals, calling for Minnesota to produce 25 percent of its electricity from renewable energy by 2025.

<http://mn.gov/commerce/media/news/index.jsp?id=156648#/list/appId//filterType//filterValue//page//sort//order/>

Reuters, 12:01 March 4, 2016

Mississippi River Reopens March 4 after Fuel Spill March 3 in Illinois– Coast Guard, Army Corps of Engineers

The Army Corps of Engineers on Friday reported the Mississippi River was reopened to shipping traffic near Granite City, Illinois just north of the St. Louis metropolitan area after the Coast Guard shut the waterway on Thursday when a boat passing through Lock and Dam 27 ruptured a fuel tank, spilling fuel into the river. The Coast Guard reopened the waterway by Friday afternoon after cleaning up about 1,800 gallons of fuel from the main chamber of the lock. Lock 27 is one of the busiest locks on the U.S. inland waterways system and is just upriver from St. Louis, a key port for loading grain barges bound for export terminals along the U.S. Gulf Coast.

<http://www.uscgnews.com/go/doc/4007/2794598/>

Reuters, 15:10 March 4, 2016

Reuters, 14:23 March 4, 2016

Phillips 66 Reports Process Unit Upset at Its 336,000 b/d Wood River, Illinois Refinery March 3

Phillips 66 reported a process unit upset at its Wood River, Illinois refinery, according to a filing with the Illinois Emergency Management Agency.

Reuters, 4:07 March 4, 2016

Update: Marathon's 451,000 Galveston Bay, Texas Refinery to Make Second FCCU Restart Attempt – Sources

Marathon Petroleum Corp planned to make a second attempt to restart the 120,000 b/d fluidic catalytic cracking unit (FCCU) at its Galveston Bay refinery in Texas City, Texas, on Friday, sources familiar with plant operations said on Thursday. The first attempt to restart the FCCU began on Tuesday and was halted early Thursday morning after instrumentation problems and leaks developed, the sources said. The FCCU was shut during the last week of December as part of a planned overhaul of several units at the refinery.

Reuters 17:38 March 3, 2016

Phillips 66 Reports Emissions at Its 146,000 b/d Borger, Texas Refinery March 4

Phillips 66 reported emissions from the unit 34 incinerator and sulfur recovery unit at its Borger, Texas refinery, according to a filing with the Texas Commission on Environmental Quality.

Reuters, 1:07 March 4, 2016

ExxonMobil Reports Flaring Event at Its 149,500 b/d Torrance, California Refinery March 4

Exxon Mobil Corp reported a flaring event at its Torrance, California refinery, according to a filing with the California emergency management agency.

Reuters, 2:34 March 4, 2016

ExxonMobil Exports Oil to Its Sicily Refinery in February

ExxonMobil Corp. has become the first major U.S. oil company to ship U.S. crude overseas, joining a band of independent traders that are trying to ease a glut at home after a 40-year export ban was lifted. ExxonMobil shipped U.S. crude from Beaumont, Texas into a refinery it owns in Sicily, Italy, according to a person familiar with the matter and three traders and ship brokers.

<http://www.bloomberg.com/news/articles/2016-03-03/as-oil-glut-swells-exxon-joins-race-to-export-american-crude?cmpid=yhoo.headline>

Update: American Dakota Refinery Halts Work on 20,000 b/d Oil Refinery at Devils Lake, North Dakota

American Dakota Refinery announced on Thursday it halted plans to build a \$200 million, 20,000 b/d oil refinery in the Devils Lake area. Funding the project has been an issue for about two years, and the city was hoping to offset the cost of building a refinery with a federal grant, but that funding cannot be available without an active project.

<http://www.grandforksherald.com/news/3978858-devils-lake-refinery-project-halted>

Natural Gas

Enable Gas Declares Force Majeure on Its Line OM-1 in Arkansas March 4

Enable Gas Transmission (EGT) declared force majeure on its Line OM-1, in Northwest Arkansas. EGT detected significant soil movement around Line OM-1 and invoked a lower self-mandated maximum allowable operating pressure on the line. EGT will continue to operate Line O-M1 at this lower maximum allowable operating pressure until the soil movement problem is remedied. EGT is currently anticipating this process to last two weeks.

<http://pipelines.enablemidstream.com/viewReport.aspx?Pipeline=EGT&ReportType=NOTICES:CriticalNotices&URL=http://pipelines.centerpointenergy.com/stellent/groups/public/documents/ebb/cnp293570.htm>

Southern Union Reports Unit Shut at Its 125 MMcf/d Keystone Gas Plant in Texas March 2

Southern Union reported it lost the GMV unit and unit No. 24 on high scrubber level at its Keystone gas plant, which resulted in flaring of the inlet gas to minimize emissions. The GMV unit was drained and unit No. 24 was put back online.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=228629>

Other News

North Carolina Division of Water Resources Considering Fines against Duke Energy for Coal Ash Pollution

The North Carolina Division of Water Resources on Friday said it was considering fines against Duke Energy for violating state pollution laws because its coal ash pits are polluting nearby waterways. State regulators sent letters to the Duke accusing it of violating state law by allowing wastewater to leak from coal ash basins at 12 of the company's 14 current or former coal-burning power plants. Duke Energy has 30 days to officially respond.

<http://deq.nc.gov/press-release/mccrory-administration-issues-coal-ash-violations-against-duke-energy>

Reuters, 12:01 March 4, 2016

International News

Update: Force Majeure on Shell's 250,000 b/d Forcados Export Terminal in Nigeria Likely Due to Underwater Pipeline Attack

Nigeria-based diplomats and security experts said unknown militants—probably using divers—attacked an underwater pipeline last month, interrupting oil flows and forcing Shell to shut down its 250,000 b/d Forcados export terminal in Nigeria. Shell, on February 21, declared force majeure on its Forcados terminal. Security experts said militants tend to attack small overland pipelines or flow stations sitting in hard-to-access mosquito-infested creeks and required knowledge of the area and sophisticated equipment. The underwater attack cut 15 percent of Nigerian crude output.

Reuters, 7:10 March 4, 2016

Energy Prices

U.S. Oil and Gas Prices			
March 4, 2016			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	35.86	31.55	49.71
NATURAL GAS Henry Hub \$/Million Btu	1.56	1.77	2.93

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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