



U.S. DEPARTMENT OF ENERGY
Office of Electricity Delivery and Energy Reliability
Infrastructure Security and Energy Restoration

ENERGY ASSURANCE DAILY

Friday Evening, December 23, 2011

Electricity

Update: Indiana Michigan Power's 1,000 MW D.C. Cook Nuclear Unit 1 in Michigan at Full Power by December 23

On the morning of December 22 the unit was operating at 58 percent.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

Update: Progress Energy's 872 MW Brunswick Nuclear Unit 1 in North Carolina at Full Power by December 23

On the morning of December 22 the unit was operating at 37 percent.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

Update: Entergy's 858 MW Arkansas Nuclear Unit 2 in Arkansas at Full Power by December 23

On the morning of December 22 the unit was operating at 81 percent.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

Southwestern Restarts 360 MW Harrington Coal-Fired Unit 3 in Texas December 23 after Emergency Outage

Southwestern Public Service Co. is restarting Unit 3 after an outage due to an emergency. Operators made repairs during the outage.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=163030>

Petroleum

Update: Valero Reports SRU, FCCU Upsets at Its 171,000 b/d McKee, Texas Refinery December 22

Valero reported that a sulfur recovery unit (SRU) incinerator upset was associated with flaring on Thursday morning, according to a filing with the Texas Commission on Environmental Quality. In a separate filing Thursday morning, Valero reported excess opacity from its fluidic catalytic cracking unit (FCCU) stack due to a loss of wet gas compressor caused by an electrical interruption. Operators restarted the wet gas compressor and stabilized the unit to minimize emissions.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=163076>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=163077>

Compressor Trips, Leads to FCCU Flaring at ExxonMobil's 344,500 b/d Beaumont, Texas Refinery December 22

ExxonMobil reported that a HP Clark compressor tripped at the facility yesterday afternoon, according to a filing with the Texas Commission on Environmental Quality. Operators sent excess gas to flare to minimize emissions and restarted the compressor. The refinery anticipates no impact to production, according to the filing. The filing noted the fluid catalytic cracking unit (FCCU) flare as a source of emissions.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=163078>

Power Failure Leads to Flaring at Alon's 83,000 b/d Krotz Springs, Louisiana Refinery December 22

Power at the refinery tripped due to weather and caused material to release to flare.

http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=998775

Occidental Reports Flaring from a North Cowden Oil Production Facility in Texas December 22

Occidental Permian reported flaring from Unit TS 16 at its North Cowden facility due to CO2 in the gas stream, according to a filing with the Texas Commission on Environmental Quality. Operators lit the vent to burn gas, minimizing emissions.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=163049>

NEB Approves Enbridge's Bakken Pipeline Project to Transport Crude Oil from Bakken and Three Forks Formations to U.S. Midwest, Midcontinent, and Eastern Canada

Canada's National Energy Board (NEB) on Thursday announced its approval of the Bakken Pipeline Project Canada application submitted by Enbridge Bakken Pipeline Company Inc. (Enbridge Bakken). Enbridge Bakken requested approval to extend an existing pipeline running from Berthold, North Dakota to Steelman, Saskatchewan by constructing a 124-km (77-m) 16-inch pipeline from a new terminal near Steelman, Saskatchewan to the Enbridge Pipelines Inc. mainline terminal near Cromer, Manitoba. The new completed pipeline will carry crude oil from the Bakken and Three Forks formations in Montana and North Dakota to Cromer, Manitoba, where crude volumes can then access the Enbridge mainline pipeline system serving the U.S. Midwest, Midcontinent, and eastern Canada. Enbridge Bakken expects to place the project into service in early 2013.

<http://www.neb-one.gc.ca/clf-nsi/rthnb/nwsrls/2011/nwsrls40-eng.html>

<http://www.enbridge.com/BakkenPipelineProjects/BakkenPipelineProjectCanada.aspx>

Update: Shell's 200,000 b/d Bonga Deepwater Oil Field off Nigeria's Southern Delta to Remain Indefinitely Shut for Investigation and Repairs following Spill December 19

Shell confirmed in a statement Thursday that its 200,000 b/d Bonga deepwater oil field remains shut and will not resume production until after both an investigation and any necessary repairs have been completed. The company has given no restart date for the field. Shell said also in the statement that it has confirmed the leak, which began Tuesday, did occur in a flexible export line linking the floating production storage and offtake vessel to a tanker off Nigeria's southern delta. Shell isolated the line on the day of the spill and is fully engaged in cleanup efforts at this time.

<http://www.reuters.com/article/2011/12/23/us-shell-bonga-leak-idUSTRE7BM0DB20111223>

http://www.shell.com.ng/home/content/nga/aboutshell/media_centre/news_and_media_releases/2011/bonga_leak_2122011.html

Natural Gas

Power Failure Shuts Unit at Enterprise's Dimmit County Compressor Station in Texas December 22

A power failure due to inclement weather caused the shutdown of Unit 733, engaging the pipeline over pressure protection system to reduce line pressure.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=163046>

Pig Problem Leads to Flaring on Duke Energy Field Services's Goldsmith Gathering Pipeline System in Texas December 21

A pipeline pig got stuck in the R Line. The R Line was vented in preparatory for the pig removal.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=163057>

Two Units Shut Down on Bad Fuel at Exterran's 50 MMcf/d Reinecke Gas Plant in Texas December 21

Operators adjusted CO2 levels in the fuel and restarted the units.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=163075>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=163074>

Other News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices December 23, 2011			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	99.83	93.23	90.83
NATURAL GAS Henry Hub \$/Million Btu	3.08	3.05	4.01

Source: Reuters

Energy Notes

Violent Storms Knock Out Power to 16,500 Georgia Power Customers in Rome, Georgia and Metro Atlanta Area Overnight December 22–23

<http://rome.11alive.com/news/news/95475-thousands-still-without-power-after-storms-rip-through-north-georgia>
<http://www.wrcbtv.com/story/16382725/severe-weather-delays-holiday-travel>

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 EST every Wednesday.

Natural Gas Weekly Update from EIA

<http://www.eia.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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