



ENERGY ASSURANCE DAILY

Wednesday Evening, December 07, 2011

Electricity

Turbine Valve Malfunction Shuts Luminant's 593 MW Big Brown Coal-Fired Unit 1 in Texas December 5, Restarts Unit December 6

The unit automatically tripped while at load due to a turbine valve control card failure, according to a filing with state regulators. Operators restored ancillary systems and performed equipment safety-related testing, and the unit was restarted and back in compliance by the morning of December 6.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=162475>

Borger Energy Reports NOx Release Due to Frozen Piping at Its 354 MW Blackhawk Natural Gas-Fired Power Plant in Texas December 6

Operators detected NOx concentrations releasing into the atmosphere and discovered that the dilution airline piping had frozen after the breaker to the heater that was providing freeze protection to the line tripped. Operators cut the ammonia flow to the unit and limited plant operations until they could restore the heater, thaw the dilution air, and restore operations.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=162490>

Update: FirstEnergy's 882 MW Davis-Besse Nuclear Unit in Ohio Ramped Up to 94 Percent by December 7

The Nuclear Regulatory Commission reported that on the morning of December 6 the unit was operating at 18 percent.

Information derived from the NRC Power Reactor Status Reports:

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

Update: Dynegy's 756 MW Moss Landing Gas-Fired Unit 7 in California Returns to Service by December 6

According to the California Independent System Operator, the unit reported a return from an unplanned outage reported on December 5.

<http://content.aiso.com/unitstatus/data/unitstatus201112061515.html>

Calpine's 593 MW Metcalf Energy Center Gas-Fired Unit in California Reduced by December 6

According to the California Independent System Operator, the unit reported an unplanned curtailment of 308 MW on December 6.

<http://content.aiso.com/unitstatus/data/unitstatus201112061515.html>

Petroleum

Colonial Pipeline Resumes Normal Rates on Its Distillate Mainline December 7 after Brief Shutdown at Its Booster Station in Eastern Alabama December 6

Colonial Pipeline on Wednesday reported that it has resumed normal rates on its main distillate mainline between Collins, Mississippi and Greensboro, North Carolina after the line was shut due to a system integrity issue involving a small release of diesel fuel at a booster station in eastern Alabama on Tuesday morning. The line was restarted later on Tuesday.

DJN, 10:35 December 7, 2011

Lion Oil to Restart Platformer Unit December 7 after Fire at Its 70,000 b/d El Dorado, Arkansas Refinery December 5

Delek USA Holding's Lion Oil refinery on Wednesday reported that a fire broke out at the facility's platformer unit on December 5 but did not cause damage to the unit. Operators were planning to restart the unit today.

DJN, 10:41 December 7, 2011

ExxonMobil Returns Product Storage Tank to Service at Its 344,500 b/d Beaumont, Texas Refinery December 7

ExxonMobil returned its Colonial TK3000 to service and was working to refloat the tank's roof as quickly as possible to minimize emissions, according to a filing with the Texas Commission on Environmental Quality. The refinery anticipates no impact to production, according to the filing.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=162020>

ConocoPhillips Reports Flaring at Its 120,200 b/d Rodeo, California Refinery December 5

A filing with state pollution regulators Monday did not specify which units were involved in the flaring.

Reuters, 19:31 December 5, 2011

Imperial Oil Reports Leak at Its 187,000 b/d Edmonton, Alberta Refinery December 6

Imperial Oil Ltd. reported a leak at its Strathcona refinery in Edmonton Tuesday afternoon, according to a spokesman. Workers began repairs the same day, and the refinery wasn't expecting any impact on production, according to the spokesman.

DJN, 09:43 December 7, 2011

Update: Syncrude Canada Ltd. Resumes Coker Production at Reduced Rates at Oil Sands Upgrading Facility in Alberta December 6

Canadian Oil Sands Limited (COS) announced December 6 that Syncrude has re-established production from Coker 8-1, one of the primary units in Syncrude's upgrading facility. The coker is currently running at reduced rates of approximately two-thirds capacity. Syncrude is working to return the unit to full production rates, but if higher stable production levels are not achieved by early 2012, a decision to take the unit down for turnaround is likely. Based on current information, COS is maintaining the production range for Syncrude of 105 to 107 million barrels in 2011. On November 22, COS announced that Syncrude had a process upset in the Coker 8-1 unit.

<http://www.cdnoilsands.com/Media-Centre/PressReleaseDetails/2011/Canadian-Oil-Sands-Limited-Provides-Operational-Update1127575/default.aspx>

<http://www.cdnoilsands.com/Media-Centre/PressReleaseDetails/2011/Canadian-Oil-Sands-Reports-Coker-Disruption-at-Syncrude1127449/default.aspx>

Update: Reversed Seaway Crude Pipeline to Begin Batched Mode Service at 275,000 b/d in April 2012 – FERC Filing

A December 2 filing with the Federal Energy Regulatory Commission (FERC) indicates Enterprise Products Partners and Enbridge Inc. expect the reversed Seaway Pipeline to begin service April 1, 2012 and operate in batched mode, shipping both light and heavy crude until its full reversal takes place in 2013. The pipeline running between Cushing, Oklahoma and Freeport, Texas is expected to have a batched-mode capacity of 275,000 b/d, according to the filing. When shipping only light crude, its capacity will increase to 375,000 b/d.

<http://www.reuters.com/article/2011/12/07/enterprise-seaway-idUSN1E7B606O20111207?type=companyNews&feedType=RSS&feedName=companyNews&rpc=43>

TransMontaigne to Increase Capacity at Collins, Mississippi Products Terminal by 200,000 Barrels and to Add Tankage, Rail Capacity at Its East Liverpool, Ohio Crude Terminal

TransMontaigne Partners LP said in an industry conference presentation on Tuesday that it would increase the capacity at its Collins, Mississippi and East Liverpool, Ohio terminals. It expects to expand the 10 million-barrel Collins terminal for gasoline and diesel by 200,000 barrels, and it hopes to add tankage and rail capacity to carry Utica shale oil into its East Liverpool terminal, which has 2.5 million barrels of crude oil storage.

<http://www.reuters.com/article/2011/12/06/transmontaigne-wellsfargo-idUSN1E7B514G20111206?feedType=RSS&feedName=rbssEnergyNews&rpc=43>

Canadian National Energy Board Says Enbridge's Plans to Reverse Segment of 240,000 b/d Line 9 Must Go before Public Hearing for Approval, Delays Timeline by Several Months

The National Energy Board ruled that Enbridge's plan to reverse the flow of a segment of its 240,000 b/d Line 9 pipeline in Eastern Canada must go before a public hearing in the autumn of 2012, delaying the project by at least several months. Enbridge had applied for a streamlined review process for its Line 9 reversal, which would bring Western Canadian oil to refineries in the East. The company hoped to start work on reversing a section of the line between Sarnia and Westover, Ontario next spring and place it into service in September. (The company will decide later on whether to reverse the section of line between Westover and Montreal.)

<http://www.reuters.com/article/2011/12/07/us-enbridge-pipeline-idUSTRE7B602I20111207>

Crude Oil Exports from Northern Iraq via Turkey Resume Normal Rates after Dropping

Crude exports from Iraq's northern Kurdish region fell today to 10,000 b/d, down from 80,000 b/d, due to technical faults and a temporary lack of storage at a Turkish port, an official at the Iraqi state-run North Oil Co. said in an emailed statement. Exports dropped for about four and a half hours before returning to normal levels of 400,000 to 500,000 b/d on Iraq's Northern pipeline that terminates at Turkey's Ceyhan terminal on the Mediterranean Sea, according to the official.

<http://www.businessweek.com/news/2011-12-07/iraq-oil-exports-via-turkey-normal-after-dropping-official-says.html>

Chevron Could Produce an Extra 5 Billion Barrels from Wafra Oilfield in Saudi Arabia by Injecting Steam Underground

After promising pilot projects, Chevron Corp. is considering a venture that could allow it to produce an extra five billion barrels from the Wafra oilfield, located along the border of Saudi Arabia and Kuwait, by injecting steam underground to heat heavy crude at the field to make it flow more easily to wells for extraction. Officials from Saudi Arabian Chevron said in recent interviews that the venture expects to make a final decision by 2013 and could apply steam to the full field by 2017. The Wafra oilfield has reserves of about 30 billion barrels of heavy crude oil. It currently produces about 240,000 b/d of light and heavy crudes; using steam injection, it expects production to rise by an additional 500,000 to 600,000 b/d.

<http://www.bloomberg.com/news/2011-12-06/chevron-may-spend-30-billion-on-border-oil-field-official-says.html?cmpid=yahoo>

Natural Gas

Occidental Permian Reports Recompressor Malfunction at Its 175 MMcf/d Mallet CO2 Recovery Plant in Texas December 6

Occidental reported the Mallet 1 recompressors went down due to a carry-over from selexol intermediate flash. Operators loaded the Mallet 2 and Mallet 3 compressors to reduce emissions while they addressed the carry-over. The recompressors were put back on line.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=162495>

Valve Problems at Targa Resources's Gas Processing Plant Leads to Flaring at XTO Energy's Russell Compressor Station in Texas December 7

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=162491>

High Discharge Pressure Shuts Acid Gas Compressor at Occidental Permian's Antelope Gas Treating Facility December 6

Operators are working to address the pressure issues, according to a filing with the Texas Commission on Environmental Quality.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=162492>

Other News

Nothing to report

Energy Prices

U.S. Oil and Gas Prices December 7, 2011			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	100.61	101.05	88.51
NATURAL GAS Henry Hub \$/Million Btu	3.43	3.39	4.47

Source: Reuters

Energy Notes

FERC Orders Bonneville Power to Revise Dispatch Policy that Curtails Output of Wind Farms in Favor of Power from Federal Hydropower Facilities in Pacific Northwest

Reuters, 12:17 December 7, 2011

Update: Bulgaria to Abandon 50 Million Tons/Yr. Trans-Balkan Oil Pipeline to Ship Russian Crude through Its Territory to Greece, Cites Economics, National Interest

<http://www.reuters.com/article/2011/12/07/bulgaria-pipeline-idUSL5E7N71XD20111207>

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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