



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

ENERGY ASSURANCE DAILY

Tuesday Evening, February 07, 2012

Electricity

Update: Exelon Manually Trips 1,136 MW Byron Nuclear Unit 2 During Restart in Illinois February 6

Unit 2 shut on January 30 when a switchyard equipment failure caused a loss of offsite power. On Monday, operators were in the process of restarting the unit when a turbine automatically tripped due to inadequate steam generator levels, forcing operators to manually trip the Unit 2 reactor, according to a filing with the U.S. Nuclear Regulatory Commission (NRC). Operators then manually started two auxiliary feedwater pumps to supply water to the steam generators and exited emergency procedures. Exelon was maintaining Unit 2 in a stable condition in Mode 3, according to the filing. The NRC reported that on the morning of February 7 the unit remained shut.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2012/20120207en.html>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2012/20120207ps.html>

Xcel Energy Reports Condensate Leak at Its 1,096 MW Prairie Island Nuclear Plant in Minnesota February 6

Xcel Energy reported 27 gallons of various chemicals released from the condensate system, according to a filing with the U.S. Nuclear Regulatory Commission. The release occurred when the condensate return pumps failed to operate, causing condensate to backup and overflow onto the ground from a heating steam system overflow vent. Operators installed a catch basin and closed the steam inlet valve, preventing additional steam from flowing into the system.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2012/20120207en.html>

Update: Minnesota Power Commissions 82 MW Bison 1 Wind Energy Center in North Dakota January 31; Work on 210 MW Bison 2 and 3 Well Underway

Minnesota Power fully commissioned its 15-turbine Bison 1 Wind Energy Center near New Salem, North Dakota January 31, according to local reports. Work is well underway on the company's Bison 2 and Bison 3 wind farms, located adjacent to the Bison 1 installation, and the project is on track to complete by the end of 2012. Bison 2 and 3 will each consist of 35 Siemens 3 MW direct-drive turbines, and together they'll supply an additional 210 MW of power.

<http://finance.yahoo.com/news/Minnesota-Power-Bison-1-Wind-bw-2637677095.html?x=0>

Petroleum

Update: BP Restarts FCCU at Its 405,000 b/d Whiting, Indiana Refinery February 3–4 after Unplanned Work

BP Plc restarted a fluid catalytic cracking unit (FCCU) at its Whiting refinery late on February 3 or early on February 4, according to sources familiar with refinery operations on Monday. The unit was shut for unplanned work on February 2, the source said.

DJN, 10:16 February 7, 2012

Distillate Desulfurizer Shuts, Leads to Flaring at Flint Hills Resources 288,468 b/d Corpus Christi, Texas Refinery February 6

Flint Hills Resources (FHR) reported an emergency shutdown of the distillate desulfurizer unit led to flaring Monday, according to a filing with the Texas Commission on Environmental Quality. After identifying the impaired equipment, FHR implemented necessary corrective actions to return the processes to normal operating conditions.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=164484>

Update: CVR Restarts Units after Repairs at Its 70,000 b/d Wynnewood, Oklahoma Refinery February 6

CVR Energy reported it was restarting units after making repairs at its Wynnewood refinery, according to a filing with the U.S. National Response Center. The company reported in a previous filing the unexpected shutdown of a crude unit on January 12.

http://www.nrc.uscg.mil/reports/rwervlet?standard_web+inc_seq=1002292

PBF Restarts Compressor at Its 182,200 b/d Delaware City, Delaware Refinery February 6

PBF Energy reported flaring as it restarted a compressor that had tripped offline at its Delaware City refinery Monday morning, according to a filing with the U.S. National Response Center.

http://www.nrc.uscg.mil/reports/rwervlet?standard_web+inc_seq=1002233

Natural Gas

Southcross Energy Expands Natural Gas Processing, Fractionation Infrastructure to Serve Eagle Ford Shale Production in South Texas

Southcross Energy today announced that the company has begun constructing a fractionator and natural gas liquids (NGLs) and residue pipeline outlets in the Eagle Ford Shale region of South Texas. The company is installing the new Bonnie View Fractionator in Refugio County, Texas. The facility will have an initial capacity of 11,500 b/d of NGLs, which could be expanded to 15,000 b/d, and is planned for operation in July 2012. Southcross also is constructing pipelines that will interconnect its Woodsboro, Gregory, and Bonnie View gas processing facilities and NGL and residue gas outlets.

<http://www.southcrossenergy.com/2012/02/southcross-energy-expands-natural-gas-processing-fractionation-complex-in-south-texas/>

Comstock to Exit Haynesville Shale by March, Refocus on Oil-Rich Eagle Ford and Wolfcamp Shales in Texas

Citing falling natural gas prices, Comstock Resources Inc. said it will exit the gas-rich Haynesville shale by March to focus more on oil-rich shales, including its Eagle Ford shale program in South Texas and its Wolfcamp shale program in West Texas, an executive said on a conference call with analysts.

Reuters, 16:28 February 6, 2012

AGI Units Briefly Shut at Enbridge's Tilden Gas Plant in Texas February 6

Enbridge reported its acid gas injector (AGI) Unit 1 shut due to a compressor motor fault, and AGI Unit 2 shut due to second-stage high scrubber level, according to filings with the Texas Commission on Environmental Quality. Operators immediately responded to correct the situation.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=164440>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=164456>

Other News

Nothing to report

International News

Total to Boost Production by 60,000 b/d from Ofon Oil Field Offshore Nigeria in 2014

Total SA reports it has begun construction on four new platforms and four production platforms on its Ofon offshore oil field approximately 40 miles off Nigeria's coast. The project will boost production to 90,000 b/d of oil, up from 30,000 b/d, beginning in 2014, and it will allow the firm to collect natural gas from the site.

<http://finance.yahoo.com/news/Total-announces-offshore-oil-apf-1538259522.html?x=0>

Explosion Hits Crude Oil Pipeline Feeding Main Refinery in Homs, Syria February 6

<http://www.reuters.com/article/2012/02/06/syria-homs-pipeline-idUSL5E8D613N20120206>

Gas Pipeline to Israel, Jordan Blown Up North of Sinai Peninsula in Egypt February 5

<http://www.reuters.com/article/2012/02/05/egypt-gas-blast-idUSL5E8D40NQ20120205>

Energy Prices

U.S. Oil and Gas Prices February 7, 2012			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	98.73	98.37	86.47
NATURAL GAS Henry Hub \$/Million Btu	2.46	2.73	4.32

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 EDT every Wednesday.

Natural Gas Weekly Update from EIA

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

Updated after 2:00 PM EDT every Thursday.

ENERGY ASSURANCE DAILY

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

Please direct comments and questions to: ead@oe.netl.doe.gov