



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

ENERGY ASSURANCE DAILY

Thursday Evening, July 07, 2011

Electricity

EPA Finalizes Rule Capping Coal-Fired Power Plant Emissions July 7

The U.S. Environmental Protection Agency finalized a rule that will cap emissions from coal-fired power plants in 27 states in the U.S. East and Midwest (including Texas). The new rule will force reductions in emissions of sulfur dioxide and nitrogen oxide which can cross state lines. The rule will go into effect as early as January 2012.

http://online.wsj.com/article/SB10001424052702303365804576431892352096826.html?mod=googlenews_wsj

Duke's 754 MW Moss Landing Gas-Fired Unit 6 in California Reduced by July 6

According to the California Independent System Operator, the unit reported an unplanned curtailment of 354 MW by July 6.

<http://www.caiso.com/unitstatus/data/unitstatus201107061515.html>

Calpine's 561 MW Los Medanos Gas-Fired Unit in California Reduced by July 6

According to the California Independent System Operator, the unit reported an unplanned curtailment of 307 MW by July 6.

<http://www.caiso.com/unitstatus/data/unitstatus201107061515.html>

Reliant's 215 MW Mandalay Gas-Fired Unit 1 in California Shut by July 6

According to the California Independent System Operator, the unit reported an unplanned outage by July 6.

<http://www.caiso.com/unitstatus/data/unitstatus201107061515.html>

Entegra Power Group's 291 MW Gila River Dynamic Resource Gas-Fired Unit in Arizona Returns to Service by July 6

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment by July 6.

<http://www.caiso.com/unitstatus/data/unitstatus201107061515.html>

Exelon Reports Control Room Emergency Ventilation Air Conditioning Inoperable at Quad Cities Nuclear Plant in Illinois July 6

According to a filing with the Nuclear Regulatory Commission, the air conditioning system was declared inoperable due to unsatisfactory performance and high vibration.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110707en.html>

Exelon Reports Technical Support Center HVAC Out of Service at 802 MW Three Mile Island Nuclear Unit 1 in Pennsylvania July 6

The Technical Support Center HVAC lost power during motor control switch testing on July 6. Power was restored less than two hours later.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110707en.html>

Petroleum

Estimated 11 Billion Barrels of Oil Reserves Discovered Offshore Namibia

Namibia's energy minister announced the find on July 6. First production is planned to begin within four years.

http://www.rigzone.com/news/article.asp?a_id=108744

ConocoPhillips and Total Jointly Planning 109,000 b/d Expansion at Surmont Oil Sands Project in Alberta July 6

The two companies are 50:50 partners in the Surmont project. Phase 2 of the project will add 109,000 b/d of production by 2015. Phase 1, which is already operating, has a capacity of 27,000 b/d.

<http://www.platts.com/RSSFeedDetailedNews/RSSFeed/Oil/7947184>

Update: ExxonMobil Says it May Take Weeks to Restart its 12-Inch, 40,000 b/d Silvertip Oil Pipeline in Montana July 6

According to the company's president, "the restoration of the line is not the primary focus" and will not happen for at least a "couple of weeks." The line leaked crude oil into the Yellowstone River last Friday.

Reuters, 18:10 July 6, 2011

http://www.downstreamtoday.com/news/article.aspx?a_id=27139

Update: PBF Energy Restarting Hydrogen Compressor at 182,000 b/d Delaware City, Delaware Refinery

According to previous reports, the hydrogen compressor went down on July 4.

Reuters, 09:33 July 7, 2011

Update: CDU Restored to 80 Percent at Husky Energy's 150,000 b/d Lima, Ohio Refinery

The company expects to restore the crude distillation unit (CDU) to full rates by the weekend. The unit was shut for repairs after a small leak was discovered in a radiant tube on June 27.

Reuters, 11:02 July 7, 2011

Xylene Release from Process Heater Starts Fire at ExxonMobil's 344,500 b/d Beaumont, Texas Refinery July 5

The company has since extinguished the fire. The xylene was originally released due to a ruptured tube on July 5.

Reuters, 00:30 July 7, 2011

Magellan Midstream Partners Shuts Omaha, Nebraska Oil Terminal Due to Weather-Related Loss of Power July 6

The company said that its supplies of gasoline and ultra-low sulfur diesel are adequate to meet demand at other terminals.

Reuters, 16:41 July 6, 2011

South Sudan Planning to Build Approximately 124-Mile Oil Pipeline through Kenya July 6

According to a minister, the new country hopes to build a 200-kilometer (124-mile) link to the existing South-Eldoret-Mombasa pipeline in Kenya for its oil exports. The southern region of Sudan, which will become independent on Saturday, controls about 75 percent of Sudan's current 500,000 b/d of oil production.

<http://af.reuters.com/article/sudanNews/idAFLAE63689720110706>

Natural Gas

Rockford Corp. Contracted to Build 15-Mile, 16-Inch Natural Gas Pipeline in the Marcellus Shale Region of Susquehanna County, Pennsylvania

The company, a Primoris Services Corporation subsidiary, plans to complete the project by the end of 2011. It was not clear which company contracted Rockford to build the pipeline.

DJN, 09:01 July 7, 2011

Other News

Energy Department Plans \$105 Million Loan Guarantee for POET's Proposed 25 Million Gallon Per Year Cellulosic Ethanol Plant in Emmetsburg, Iowa

The ethanol plant will make motor fuel out of 700 tons of corncobs, leaves, and husks per day. It would be the first commercial-scale cellulosic ethanol plant in the U.S. The facility currently operates as a pilot project.

<http://poet.com/discovery/releases/showRelease.asp?id=283>

Energy Prices

| U.S. Oil and Gas Prices July 7, 2011 | | | |
|--|-------|----------|----------|
| | Today | Week Ago | Year Ago |
| CRUDE OIL West Texas Intermediate U.S. \$/Barrel | 98.92 | 94.64 | 73.50 |
| NATURAL GAS Henry Hub \$/Million Btu | 4.34 | 4.60 | 4.85 |

Source: Reuters

Energy Notes

Thunderstorms Knock Out Power to 18,000 Central Maine Power Customers in Maine and 12,000 Central Vermont Public Service Customers in Vermont July 6 – About 3,500 CMP and 236 CVPS Customers Remain in the Dark July 7

<http://bangordailynews.com/2011/07/07/news/piscataquis/dover-foxcroft-woman-impaied-by-tree-branch-still-in-critical-condition/>

<http://www.stamfordadvocate.com/news/article/Vt-utility-says-300-without-power-down-from-12k-1455918.php>

Snake Hits 35 kV Line at Ameren's Marshall Road Substation in Missouri, Killing Power to 23,000 Ameren Customers in Missouri July 7 – Just 173 Currently Without Power

<http://www.ksdk.com/news/article/266051/3/Snake-in-substation-causes-23000-power-outages>

<http://www.ameren.com/sites/aue/OutageCenter/Pages/OutageMapPlus.aspx>

Winds Knock Out Power to 16,000 East Central Energy Customers in Minnesota July 1 – About 1,700 Customers Still without Power July 5

<http://www.chisagocountypress.com/main.asp?SectionID=1&SubSectionID=1&ArticleID=14638>

APCO Reports Over 11,000 Virginia Customers Lost Power Due to Thunderstorms July 4

<http://wfir960.com/local-news/roanoke-valley-storm-knocks-out-power-causes-damage>

Transformer Explodes, Starting Fire outside Exelon's Non-Operating Zion Nuclear Plant in Illinois July 1

<http://newssun.suntimes.com/news/6321747-418/fire-at-zion-nuke-plant-under-investigation.html>

Apache Begins Oil Production at 12,567 b/d Charlie 4-3 Well in the Forties Section of the U.K. North Sea in June – Well's Initial Production is Highest in the Forties since 1990

http://www.rigzone.com/news/article.asp?a_id=108712

Tanker Truck Rolls off Highway in North Dakota, Spills 5,000 Gallons of Road Oil July 4

<http://www.ctpost.com/news/article/5-000-gallons-of-oil-spill-in-ND-tanker-accident-1452281.php>

Compressor #5 Shuts, Restarts on Vibrations at Bennett Ranch Central Tank Battery in Texas July 6

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=156525>

Enterprise Products Partners Depressurizes 16-Inch Gas Pipeline to Replace Defective Gasket in Webb County, Texas July 6

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=156516>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=156517>

Update: DCP Midstream's Gathering System Shut for Valve Replacement, Causing Continued Problems at Various Upstream Natural Gas Facilities in Texas July 6-7

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=156462>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=156498>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=156500>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=156515>

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>

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