



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

ENERGY ASSURANCE DAILY

Thursday Evening, January 28, 2010

Electricity

Update: Wolf Creek's 1,165 MW Wolf Creek Nuke Unit 1 in Kansas at Full Power by January 28

The Nuclear Regulatory Commission reported that on the morning of January 27 the unit was operating at 88 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

Update: Sea Breeze Power Corp. Eyes 2012 Start-Date for 550 MW, Washington-to-British Columbia Juan de Fuca Cable

The submarine interconnection would link the northwest terminus of the Bonneville Power Administration grid to the southwest terminus of the provincially-owned system in British Columbia, Canada.

<http://www.seabreezepower.com/?p2=/modules/blog/viewcomments.jsp&bid=79>

Texas Adds 2,290 MW of Wind Power Capacity in 2009 Twice that of Any Other State

The figure far outpaced that of any other state, according to the American Wind Energy Association. Indiana, the second-highest installer, added 905 MW.

http://www.lubbockonline.com/stories/012710/loc_555291040.shtml

Consumers Energy Plans 100 MW Lake Winds Energy Park in Michigan

The company expects to open the project in 2012, according to a news release. In addition, the company plans to launch a separate wind farm—the Cross Winds Energy Park—in two phases. The first phase should enter service in 2015, and the second phase should begin production in 2017. The release did not specify the capacity of the Cross Winds project.

<http://www.consumersenergy.com/Newsroom/NewsArticle.asp?ID=1648>

Update: Update: In Deal to Protect Bats, Invenergy's Beech Ridge Energy Drops 20 Turbines from Planned 186 MW Beech Ridge Wind Farm in West Virginia

Invenergy's Beech Ridge Energy agreed to construct a maximum of 100 wind turbines, instead of the originally-planned 120, at its proposed wind farm in West Virginia, a news source said. The deal settled a dispute between the company and environmental groups over the protection of an endangered bat species, and came more than a month after a federal judge forced the company to halt construction on the partly-completed facility. That judge, in December of 2009, ordered the company to receive a federal "incidental take permit" to operate the project near the bats, previous sources said. In the latest deal, the company agreed to drop its appeal of that decision, and the environmentalists agreed not to dispute any incidental take permits the company might receive. The company said it expected to begin production in the first half of 2010.

<http://www.pnnewswire.com/news-releases/invenergy-wind-llc-the-animal-welfare-institute-and-other-parties-reachagreement-to-protect-indiana-bat-in-development-of-west-virginia-wind-farm-82783952.html>

<http://online.wsj.com/article/BT-CO-20091209-713615.html>

<http://www.washingtonpost.com/wp-dyn/content/article/2009/12/09/AR2009120904106.html?hpid=sec-metro>

<http://www.awionline.org/ht/d/sp/i/16983/pid/16983>

http://seattletimes.nwsources.com/html/business/technology/2010904123_apvwwindfarm.html

http://www.register-herald.com/local/local_story_027232336.html

Suntech Power Holdings Plans Crystalline Silicon Photovoltaic Module Plant in Arizona

The project would have an initial production capacity of 30 MW, but would be expandable to more than 120 MW, according to a news release.

<http://www.prnewswire.com/news-releases/suntech-unveils-plans-for-first-us-factory-in-goodyear-arizona-82816012.html>

Petroleum

Update: Texas Refineries Receiving Crude as Sabine-Neches Waterway Reopens in Texas January 27-28

Texas refineries were slated to receive some 3 million barrels of oil via the Sabine-Neches Waterway on January 28, a news source said, or five days after an 807-foot tanker collided with a barge, spilling an estimated 462,000 gallons of oil and forcing the waterway shut, sources said. The waterway reopened to some traffic yesterday, January 27. Four refineries—ExxonMobil's 348,500 b/d Beaumont facility, Motiva's 285,000 b/d Port Arthur facility, Total's 174,000 b/d Port Arthur facility, and Valero's 289,000 b/d Port Arthur facility—had received at least one vessel, and were expected to have at least 500,000 barrels of crude by midday, according to the president of the Sabine Pilots. Bloomberg News, 12:33 January 28, 2010

Reuters, 15:26 January 27, 2010

Update: Motiva to Resume Normal Rates over Next Few Days at 285,000 b/d Port Arthur, Texas Refinery

Operators slowed the facility after a weekend vessel collision and oil spill forced closed the associated Sabine-Neches waterway, see related story above. With the reopening of the waterway, Motiva spokeswoman said the refinery would resume "normal crude unit operations over the next few days."

DJN, 12:29 January 28, 2010

BP Plans FCC Shutdown at 467,720 b/d Texas City, Texas Refinery January 27

BP planned to shut a gasoline-producing fluid catalytic cracking unit (FCC) to repair a related compressor, the company said in a filing with state regulators. It expected to restart the unit within 24 hours, according to the filing.

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=135071>

<http://www.nasdaq.com/asp/stock-market-news-story.aspx?storyid=201001271646dowjonesdjonline000696&title=bp-to-shut-key-gasoline-making-unit-at-texas-refinery>

Valero Says 90,000 b/d, Fire-Downed Crude Unit in Restart Mode at 243,000 b/d Texas City, Texas Refinery January 28

The unit shut due to a fire on December 24, a news source said.

Reuters, 10:35 January 28, 2010

Valero Restarts Compressor at 144,000 b/d Benicia, California Refinery by January 28

The fuel gas compressor tripped for unspecified reasons, triggering flaring, a news source said. The incident had "no material impact to production," according to a company spokesman.

Bloomberg News, 11:23 January 28, 2010

Update: Marathon Ready to Operate Garyville, Louisiana Refinery at 436,000 b/d, or 180,000 b/d Higher than Previous Capacity

Marathon is ready to operate its formerly-256,000 b/d Garyville, Louisiana refinery at its new, 436,000 b/d capacity "on a crude basis," a company official said on January 28. The company has already run the facility's new, 180,000 b/d crude unit at full capacity, but operators are performing turnaround work, so the site cannot yet operate at its full design rate.

<http://www.cnbc.com/id/35126246>

Reuters, 11:43 January 28, 2010

Enbridge Plans Pipeline, Tanks to Support Expansion of Cenovus Energy's Christina Lake Enhanced Oil Project in Alberta, Canada

Enbridge plans to add two 375,000 barrel tanks and about 16 miles of 30-inch pipeline, the company said in a release.

<http://www.enbridge.com/investor/pdf/2010-01-28-press-release.pdf>

http://online.wsj.com/article/BT-CO-20100128-712766.html?mod=WSJ_earnings_MIDDLETopHeadlines

Update: Canadian Natural, North West Upgrading Inc Plan 150,000 b/d Oil Upgrader in Alberta

North West Upgrading Inc. had planned to construct a 231,000 b/d upgrader, but delayed those plans amid financial concerns, a news source said. Canadian Natural Resources Ltd., however, has acquired a 50 percent stake in North West Upgrading Inc, and the two now expect to construct a 150,000 b/d upgrader. The companies plan to open the project in three, 50,000 b/d phases.

<http://www.reuters.com/article/idUSN2824266020100128>

Canadian Drillers to Tap 9,000 New Wells in 2010—PSAC

The Petroleum Services Association of Canada (PSAC) forecasts oil-and-gas companies to drill 9,000 new wells throughout Canada in 2010, or 12 percent more than it initially projected, according to a news release.

http://www.psac.ca/images/mediacentre/DAF_20100127.pdf

<http://www.ctv.ca/generic/generated/static/business/article1446132.html>

TAPS Oil Pipeline Could Operate Far Below Capacity—Alaska Official

BP, ConocoPhillips and ExxonMobil's jointly-owned trans-Alaskan oil (TAPS) oil pipeline could run at as low as 100,000 b/d, even though it was designed to operate at a minimum 300,000 b/d, Alaska's commissioner for the Department of Revenue said by January 27. The companies agreed that the pipeline could run below the 300,000 b/d level. They said it could remain in service for at least 30 more years.

http://www.upi.com/Science_News/Resource-Wars/2010/01/27/Row-erupts-over-Alaskas-oil-pipeline/UPI-63881264609800/

China Passes United States as Largest Saudi Arabian Oil Customer

Saudi Arabian Oil Co. is delivering approximately 1 million b/d of oil to China, or more than to the United States, a company official said on January 28. The United States imported 1.014 million b/d of Saudi Arabian oil from January through September, 2009. It is not clear how far those rates have declined.

Bloomberg News, 12:09 January 28, 2010

Update: Cairn Energy to Boost Output to 120,000 b/d in 2010 at Existing 20,000 b/d Mangala Field in Rajasthan, India

The company expects to increase production to 120,000 b/d by the end of the first half of 2010, and eventually raise output to 175,000 b/d, the company says.

http://www.rigzone.com/news/article.asp?a_id=86506

Tullow Oil to Produce 150,000 b/d of Ugandan Oil in 2015

The company plans to produce 500 to 1,000 b/d in 2010, 10,000 b/d in 2011, and 150,000 b/d in 2015, a company official said.

<http://www.newvision.co.ug/D/8/12/708250>

Natural Gas

Update: KPC Pipeline, Panhandle Eastern Pipe Line Company Complete 55 MMcf/d "Spivey Interconnect" Natural Gas Pipeline in Kansas by January 26

The line is a bi-directional interconnect of the companies' natural gas systems in Kansas, according to a news release. KPC is a subsidiary of Quest Midstream Partners, L.P.

<http://money.cnn.com/news/newsfeeds/articles/globenewswire/182731.htm>

Other News

DOE Closes \$1.4 Billion Loan Agreement with Nissan North America January 28

U.S. Secretary of Energy Steven Chu announced today that the Department of Energy (DOE) has closed its \$1.4 billion loan agreement with Nissan North America, Inc. to retool their Smyrna, Tennessee factory to build advanced electric automobiles and an advanced battery manufacturing facility.

<http://www.energy.gov/news/8581.htm>

Energy Prices

U.S. Oil and Gas Prices			
January 28, 2010			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	73.04	75.84	41.91
NATURAL GAS Henry Hub \$/Million Btu	5.42	5.52	4.76

Source: Reuters

Energy Notes

Ice Storm Knocks Out Power to More than 10,000 Oklahoma Association of Electric Cooperatives Customers in Oklahoma January 28

<http://newsok.com/power-outages-mounting-in-oklahoma/article/3435324>

Update: Virginia Regulators Okay Allegheny Energy, AEP's Request to Withdraw Application for In-State Segment of Proposed 275-mile PATH Transmission Line—Companies Plan to Re-assess Need and Re-file Application

http://www.wusa9.com/rss/local_article.aspx?storyid=96430&utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+Wusa9com-VirginiaNews+%28WUSA9.com%29+Virginia+News%29

Update: Linden City Council Okays PurGen to Seek Permits for Planned 500 MW Coal-fired Power Plant and Associated Carbon Capture System in New Jersey

http://www.nj.com/news/index.ssf/2010/01/linden_approves_25m_purgen_coa.html

Update: Great River Energy Plans Late 2010 Opening for 64 MW Coal-fired Power Plant at Spiritwood Industrial Park in North Dakota

<http://www.kxnet.com/custom404.asp?404:http://www.kxnet.com/news/508357.asp>

Update: EnergySolutions Has Buried Approximately 49,000 Tons of Depleted Uranium at Utah Location—Another 11,000 Tons from Savannah River, South Carolina Ready for Disposal

http://www.sltrib.com/news/ci_14275000

Update: Vermont PSB Directs Entergy to Review all Submitted Testimony in Support of Proposed License Extension for 563 MW Vermont Yankee Nuclear Power Plant

http://www.reformer.com/localnews/ci_14283168

Alleged Copper Thieves Arrested, Charged in Ohio by January 22

<http://www.mariettatimes.com/page/content.detail/id/519045.html>

Oil Tanker Freed along James River in Virginia January 27—700-foot Vessel Ran Aground in November

http://www.dailypress.com/news/dp-local_monongahela_0128jan28.0.4550851.story

Faulty Fuel Tank to Blame as Explosions Destroy Former Coca-Cola Facility in Colorado January 22

<http://www.9news.com/news/local/article.aspx?storyid=131542&catid=346>

Explosion Damages almost 60 Homes in Ohio January 25—Natural Gas a Suspected Factor

http://www.justicenewsflash.com/2010/01/27/residential-explosion-rocks-ohio-neighborhood_201001273144.html
<http://www.fox8.com/news/wjw-displaced-families-house-explosion-kf-txt.0.563893.story>

Compressor Shuts Briefly, Causing Flaring at Waha Gas Plant in Texas January 27

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=135089>

TCEQ Finds Relatively High Benzene Levels at Two Air Monitoring Sites in Barnett Shale Area, Texas, but Finds no Chemicals or Low Chemical Levels at Most Locations

http://www.tceq.state.tx.us/comm_exec/communication/media/1-10BarnettShale1-27

Perryville Gas Storage LLC Receives FERC Okay for Planned Natural Gas Storage Facility in Crowville Salt Dome, Louisiana January 26

<http://intelligencepress.com/>

Update: Despite Delays Greenfield Ethanol Still Plans to Construct 53 MMGal/Yr. Ethanol Plant in Ontario, Canada

<http://www.southhuron.com/news/article/85382>

Links

This Week in Petroleum from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.doe.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://tonto.eia.doe.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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