



# ENERGY ASSURANCE DAILY

Wednesday Evening, February 16, 2011

## *Electricity*

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### **Update: DTE's 1,089 MW Fermi Nuclear Unit 2 in Michigan Ramped Up to 57 Percent by February 16**

DTE shut the unit for repairs by January 29, according to the Nuclear Regulatory Commission (NRC) and a local news source. The company restarted the unit on February 10, but leaking condenser tubes led operators to shut it again on February 11. The NRC reported that on the morning of February 15 the unit was operating at 20 percent. <http://www.monroenews.com/apps/pbcs.dll/article?AID=/20110211/NEWS01/702119977>

Information also derived from the NRC Power Reactor Status Reports:

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

### **After Brief Shutdown, Luminant Restarts 793 MW Martin Lake Coal-Fired Unit 3 in Texas Shuts February 15**

The unit shut after “faulty flame scanners” led to “a flame out of the boiler,” Luminant said in a filing with state regulators. The company re-started the unit within hours, according to the filing.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=150790>

### **Update: Duke Energy's 510 MW Moss Landing Gas-Fired Unit 1 in California Ramps up by February 15**

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment of 260 MW.

<http://www.caiso.com/unitstatus/data/unitstatus201102151515.html>

### **Update: DOE Finalizes \$343 Million Loan Guarantee for Great Basin Transmission and NV Energy's 500 kV ON Line Electric Transmission Project in Nevada February 15**

The U.S. Department of Energy finalized a \$343 million loan guarantee for Great Basin Transmission South, LLC and NV Energy's proposed One Nevada Transmission Line (ON Line project) in Nevada, Energy Secretary Steven Chu announced on February 15. The 500 kV, 235-mile AC transmission line would carry approximately 600 MW of electricity from Ely, Nevada to just north of Las Vegas, with a new substation located at the northern end of the line. This is DOE's first loan guarantee for a transmission project.

<http://energy.gov/news/10068.htm>

## *Petroleum*

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### **Update: After Tank Collapse, Valero Restarts Crude Unit at 235,000 b/d Aruba Refinery February 15**

The facility shut on February 4 after a 20,300-barrel freshwater storage tank collapsed, toppled a concrete barrier, and broke numerous product-carrying pipes, a Valero spokesman said previously. The incident did not cause a fire or explosion and no one was injured.

<http://www.bloomberg.com/news/2011-02-16/valero-restarted-aruba-refinery-crude-oil-unit-yesterday.html>

DJN, 12:57 February 7, 2011

## **Compressor Shutdown Leads Motiva to Reduce DCU Rates at 285,000 b/d Port Arthur, Texas Refinery February 15**

Motiva reduced “charge rates” at a delayed coking unit (DCU) after the unit’s wet gas compressor went offline, the company said in a filing with state regulators. Operators restarted the compressor in less than four hours. The incident resulted in flaring.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=150806>

<http://www.bloomberg.com/news/2011-02-16/motiva-depressurizes-unit-after-compressor-failure-update1-.html>

## **Valero Shuts 30,000 b/d Hydrocracking Unit at 171,000 b/d McKee, Texas Refinery by February 15**

The company shut the unit to repair compressor seals, it said in a statement. The outage was not expected to last long, according to a spokesman.

<http://af.reuters.com/article/energyOilNews/idAFWEN787920110215>

## **Update: Inter-Pipeline Fund Considers 115,000 b/d Expansion along Existing 535,000 b/d Diluent-Supply Pipeline in Cold Lake Area of Alberta, Canada**

The project would include “two new pumping stations and modifications to the two existing stations,” a company official said on February 15.

<http://www.platts.com/RSSFeedDetailedNews/RSSFeed/Oil/8552435>

## **Update: Citing Permit Delays, TransCanada Eyes Later Start Date for Proposed 510,000 b/d, Oklahoma-to-Gulf Coast Keystone XL Oil Pipeline**

TransCanada had expected the U.S. State Department to approve the pipeline in early 2011, but company officials said by February 15 that they did not expect to receive authorization until the second half of 2011. As a consequence, the company officials said TransCanada was unlikely to open the project before the second quarter of 2013, or about three months later than previously planned. The State Department, for its part, said it still planned to finish reviewing the project’s draft Environmental Impact Statement (EIS) – along with other information – during the first quarter of 2011. After that, the State Department could either order another EIS or issue its decision.

<http://af.reuters.com/article/energyOilNews/idAFL3E7DF1GA20110215>

## **Canadian Natural, North West Upgrading Plan 50,000-150,000 b/d Bitumen Refinery in Alberta, Canada**

Canadian Natural Resources Limited and North West Upgrading Inc. plan to move forward with detailed engineering regarding the construction and operation of a 50,000-150,000 b/d bitumen refinery near Redwater, Alberta, the companies said on February 16. In addition, the partnership entered into an agreement to process bitumen supplied by the Government of Alberta under the Bitumen Royalty In Kind (BRIK) initiative. The project’s first phase would process 50,000 b/d of bitumen; it could be expanded in two additional identical phases of 50,000 b/d.

[http://www.cnrl.com/upload/media\\_element/374/01/0216\\_nwu\\_brik-initiative.pdf](http://www.cnrl.com/upload/media_element/374/01/0216_nwu_brik-initiative.pdf)

<http://af.reuters.com/article/energyOilNews/idAFN1519855220110215>

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## **Natural Gas**

Nothing to report.

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## **Other News**

Nothing to report.

## Energy Prices

U.S. Oil and Gas Prices February 16, 2011			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	83.89	85.94	76.90
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.92	4.24	5.48

Source: Reuters

## Energy Notes

**Winter Storm Cuts Electricity to Nearly 11,000 Pacific Power Customers and about 10,000 Central Electric Cooperative Customers in Oregon February 14-15**

<http://www.ktvz.com/news/26870961/detail.html>

**Dominion Fixes Rubber Covers Designed to Avert Radiological Releases at 2,097 MW Millstone Nuclear Power Plant in Connecticut**

<http://www.theday.com/article/20110215/BIZ02/302159989/-1/BIZ>

<http://www.dom.com/about/stations/nuclear/millstone/index.jsp>

**Navajo Tribal Council Okays Lease Extension to 2041 for APS' 2,040 MW Four Corners Power Plant in New Mexico – APS Aims to Shutter Three of Plant's Five Units, Purchase Majority Interest in Remaining Two Units from SCE**

<http://www.bloomberg.com/news/2011-02-16/navajo-lawmakers-ok-lease-extension-for-nm-plant.html>

[http://www.aps.com/general\\_info/aboutAPS\\_18.html](http://www.aps.com/general_info/aboutAPS_18.html)

**U.S. Dependence on Coal Creates Health and Other Hazards, Carries “Hidden” Costs of around \$345 Billion/Year: Harvard Study**

<http://af.reuters.com/article/energyOilNews/idAFN1628366220110216>

**APS and First Solar Plan 17 MW Paloma Solar Power Plant in Gila Bend, Arizona – Facility Expected to Enter Service in September 2011**

<http://finance.yahoo.com/news/New-APSOwned-Solar-Plant-bw-250208772.html?x=0&.v=1>

**Eastern Idaho Regional Solid Waste District, Dynamis Energy Plan 13.5 MW Waste-to-Energy Plant in Idaho – Companies to Complete Plant in 2012**

<http://www.prnewswire.com/news-releases/dynamis-energy-and-the-eastern-idaho-regional-solid-waste-district-sign-agreement-to-bring-waste-to-energy-plant-and-employment-to-eastern-idaho-116270369.html>

**Update: Regulators End Drinking Water Advisory for 1,300 Customers in Whitesburg, Kentucky by February 15 – Diesel Fuel Leak Led to Advisory over Weekend**

<http://www.lex18.com/news/kentucky-division-of-water-lifts-water-advisory-in-letcher-county>

**Corrosive Nature of Tar Sands Crude Increases Likelihood of Pipeline Spills: Environmental Study**

[http://action.sierraclub.org/site/MessageViewer?em\\_id=197051.0](http://action.sierraclub.org/site/MessageViewer?em_id=197051.0)

**Update: State Regulators Authorize Hyperion Resources to Start Construction on Proposed 400,000 b/d Refinery near Elk Point, South Dakota as Late as August 20, 2012 – Earlier Permit Had Required Company to Break Ground by February 20, 2011**

<http://www.victoriaadvocate.com/news/2011/feb/16/bc-sd-refinery-extension/?business&texas>

**Equipment Malfunction Causes Brief Flaring at ConocoPhillips 146,000 b/d Borger, Texas Refinery February 15**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=150797>

**Compressor Shutdown Causes Flaring at Valero's 80,887 b/d Wilmington, California Refinery February 15 – Company Reports No Impact on Production**

Reuters, 10:30 February 16, 2011

**Electrical Fault Triggers Compressor System Shutdown and Emissions Event at Aker Gas Plant in Texas February 15 – Compressor Restarted in about Four Hours**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=150780>

**Pipeline Crack Leads to Gas Release at West Rhode Ranch Facility 4 in Texas February 14 – Workers Shut Compressor and Wells, End Release within Less than Eight Hours**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=150792>

## **Links**

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***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](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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*Energy Assurance Daily* provides a summary of public information concerning current energy issues. Published Monday through Friday to inform stakeholders of developments affecting energy systems, flows, and markets, it provides highlights of energy issues rather than a comprehensive coverage. *Energy Assurance Daily* is updated online Monday through Friday after 5:00 p.m. EST. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:

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

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