



# ENERGY ASSURANCE DAILY

Friday Evening, May 13, 2011

## ***Electricity***

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### **Companies May Shut 50 GW of Coal-Fired Power Plants in U.S. in Next Ten Years due to Environmental Regulations: ICF**

According to ICF International, proposed regulations from the Environmental Protection Agency (EPA) could lead to more than 50 GW of coal plant retirements in the next ten years. ICF previously reported that new environmental regulations will lead U.S. power providers to shut 75 GW of domestic coal-fired power plants by 2030.

<http://www.icfi.com/news/2011/icf-integrated-energy-outlook-sees-possibility-50-gw-coal-plant-retirements>

### **Half Scram Signal Reported at Entergy's 966 MW River Bend Nuclear Unit 1 in Louisiana May 12**

According to a company filing with the Nuclear Regulatory Commission (NRC), on March 20 the "A" train reactor protection system unexpectedly de-energized, resulting in a half scram signal.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110513en.html>

### **Loss of Shutdown Cooling Reported at TVA's 1,118 MW Browns Ferry Nuclear Unit 3 in Alabama May 12**

According to a company filing with the Nuclear Regulatory Commission (NRC), shutdown cooling was lost after maintenance activities "inadvertently interrupted the neutral for a Group 2 PCIS [Primary Containment Isolation System] relay and a Group 2 PCIS isolation occurred."

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110513en.html>

### **Luminant's 568 MW Sandow Coal-Fired Unit 4 Shut to Repair Boiler Tube Leak in Texas by May 13**

According to a filing with state regulators, the event began on May 13.

Reuters, 20:32 May 12, 2011

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=154343>

### **Three Units Totaling 941 MW Shut at Calpine/Mitsue's Greenfield Gas-Fired Power Plant in Ontario by May 12**

Unit 2 (212 MW), unit 3 (212 MW) and unit 4 (517 MW) all shut by May 12.

Reuters, 10:57 May 13, 2011

### **AES's 506 MW Redondo Beach Gas-Fired Unit 7 in California Shut by May 12**

According to the California Independent System Operator, the unit reported an unplanned outage by May 12.

<http://www.caiso.com/unitstatus/data/unitstatus201105121515.html>

### **Sempra's 1,214 MW Mesquite Gas-Fired Power Plant in Arizona Returns to Full Power by May 12**

According to the California Independent System Operator, the power plant reported a return from an unplanned curtailment by May 12.

<http://www.caiso.com/unitstatus/data/unitstatus201105121515.html>

## **Cabrillo Power's 330 MW Encina Gas-Fired Unit 5 in California Returns to Service by May 12**

According to the California Independent System Operator, the unit reported a return from an unplanned outage by May 12.

<http://www.caiso.com/unitstatus/data/unitstatus201105121515.html>

## **Petroleum**

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### **Update: Refiners Curtailing Some Operations as Mississippi River Waters Rises**

The most recent impacts of rising waters along the Mississippi River are as follows:

- The river docks at ExxonMobil's 525,500 b/d Baton Rouge, Louisiana refinery are believed to be flooded. The facility is still operating.
- Kinder Morgan suspended dock operations at multiple facilities along the Mississippi River due to rising waters but a company representative said that "landside operations continue to operate normally." The company does not expect a material impact on production.
- ExxonMobil announced that it has shut one 16-inch segment of its Southwest Line and two 12-inch segments of its North Line System in Louisiana to reduce the risk of flood damage.

According to experts, ten refineries representing about 14 percent of U.S. refining capacity may face some problems obtaining crude supplies and sending out finished products.

<http://www.bloomberg.com/news/2011-05-11/midwest-gasoline-premium-rises-to-7-month-high-on-cvr-outage.html>

<http://www.bloomberg.com/news/2011-05-12/opening-morganza-spillway-may-affect-10-of-louisiana-output.html?cmpid=msnmoney>

<http://fuelfix.com/blog/2011/05/13/exxon-shuts-oil-pipeline-segments-on-mississippi-flood-risk/>

<http://www.bloomberg.com/news/2011-05-13/exxon-river-docks-said-to-be-flooded-at-baton-rouge-refinery.html?cmpid=msnmoney>

### **10 Percent of Louisiana Onshore Crude Production May be Impacted if Morganza Spillway is Opened to Avert Flooding**

The U.S. Army Corps of Engineers (ACE) is close to making a decision over whether to open the Morganza Spillway as soon as this weekend. Opening the spillway could impact 19,278 b/d of crude production (about ten percent of Louisiana's total onshore output) as well as 252.6 MMcf/d of gas production. As reported in yesterday's EAD, the opening may also lead Alon to shut its 83,000 b/d Krotz Springs, Louisiana refinery. The ACE has already opened the Birds Point New Madrid Floodway near Cairo, Illinois for the first time since 1937 in order to relieve pressure. The Mississippi Department of Wildlife, Fisheries, and Parks has closed all boating activities in counties affected by recent flooding, in part to prevent potential damage to levees.

<http://www.bloomberg.com/news/2011-05-12/opening-morganza-spillway-may-affect-10-of-louisiana-output.html?cmpid=msnmoney>

<http://www.usace.army.mil/CEPA/EngineerUpdate/Pages/NewMadridfloodway.aspx>

<http://home.mdwfp.com/ContentManagement/Html/htmldownload.aspx?id=915>

### **Enbridge Announces Plans to Replace 75 Miles of its Recently-Ruptured 290,000 b/d Line 6B Crude Oil Pipeline System**

The company announced in a press release that it will invest additional capital investments to replace portions of the 30-inch Line 6B pipeline system that spans from Griffith, Indiana, through Michigan to the Canadian border at the St. Clair River. Line 6B is part of Enbridge's Lakehead pipeline system. This program will include replacement of approximately 75 miles of the pipeline in various locations in Indiana and Michigan, at an estimated cost of \$286 million. The company plans to have the new segments of pipeline installed in 2012. Earlier this year, Enbridge completed the replacement of 14 segments, totaling 9,000 feet, of Line 6B in southeastern Michigan and installed a new segment of pipeline under the St. Clair River, which will be operational by late June.

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=26603](http://www.downstreamtoday.com/news/article.aspx?a_id=26603)

## Natural Gas

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### Columbia Gas Transmission Declares Force Majeure for Line P Natural Gas Pipeline in Kentucky May 12

According to the company, force majeure was declared because of “a slip and the resulting pipeline damage.” The company also reported that capacity on the KA Low segment has been reduced effective immediately from 212,000 to 144,000 Dth/d. The Line P outage is expected to last eight to ten days.

<http://www.ngtsnavigates.com/ReportServer?%2fInfoPost%2fNoticesSubreport&pNoticeId=10401002&AssetNbr=51&rs%3aParameterLanguage=en-US&rc%3aParameters=Collapsed&rc%3aToolbar=False>

## Other News

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### Coal Barge Breaks Free on the Arkansas River during Storm in Arkansas May 13

Heavy rains also closed three bridges in the Fort Smith area. The barge was later captured and the bridges were reopened. It was not clear how much coal was on the barge at the time of the incident.

<http://www.greenfieldreporter.com/view/story/2e6a3dd959dc4011a382e2afba00af20/AR--Arkansas-Flooding-Fort-Smith/>

## Energy Prices

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U.S. Oil and Gas Prices			
May 13, 2011			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	97.12	101.74	75.57
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.10	4.49	4.18

Source: Reuters

## Energy Notes

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### Entergy Reports 13,410 Customers Lose Power in Texas May 12

<http://entergy-texas.com/outages/tx.aspx>

### Pennsylvania Governor Signs into Law New Natural Gas Well Regulations May 13

[http://www.portal.state.pa.us/portal/server.pt/document/1066538/governor\\_corbett\\_signs\\_two\\_senate\\_bills](http://www.portal.state.pa.us/portal/server.pt/document/1066538/governor_corbett_signs_two_senate_bills)

### State Legislature on Track to Make Texas the First State to Require Disclosure of Many Chemicals Used in Hydraulic Fracturing

<http://www.kotnow.com/story/14635151/texas-could-lead-way-in-gas-drilling-disclosure>

### CN to Invest \$10 Million in Capacity Improvements for Rail Lines to Oil Sands Region of Alberta

<http://www.canadianmanufacturing.com/distribution-and-transportation/news/cn-invests-in-alberta-rail-corridors-32130>

**Ten-Mile Evacuation Zone around Nuclear Plants is a “Planning Standard” that Could Change during an Accident: NRC Chairman**

<http://www.google.com/hostednews/ap/article/ALeqM5guuu1cPtrWskXgc2srTe5GqMBKdQ?docId=dc8ce5c537c541a5acc14071e1d5bf7>

**Power Survey Company Test of 57 U.S. Cities Finds Over 60,000 Stray Voltage Problems with Manhole Covers, Fences, Light Poles, and Sidewalks**

<http://wusa9.com/news/article/150171/37/Stray-Voltage-Surges-Through-Cities-Across-The-Country>

**Certain Feedstocks for Biofuels May Offer No Life Cycle Environmental Improvements over Conventional Jet Fuel: MIT Study**

[http://news.cnet.com/8301-11128\\_3-20062268-54.html](http://news.cnet.com/8301-11128_3-20062268-54.html)

To access the full report, click here: <http://pubs.acs.org/doi/abs/10.1021/es102597f?journalCode=esthag>

**Atlanta Gas Light Files Plan with State PSC to Build 10-15 CNG Vehicle Fueling Stations in Georgia within Next Five Years**

[http://www.agresources.com/pressroom/news\\_details.aspx?releaseID=1563294&earn=1](http://www.agresources.com/pressroom/news_details.aspx?releaseID=1563294&earn=1)

**Approximately 173,000 ComEd Customers Have Lost Power in the Past Five Years Due to Mylar Balloons Floating into Electrical Lines or Substation Equipment**

[https://www.comed.com/sites/newsroom/News%20Room/newsroomreleases\\_05122011b.aspx](https://www.comed.com/sites/newsroom/News%20Room/newsroomreleases_05122011b.aspx)

**AGI Shuts, Restarts Due to Equipment Malfunction at Tilden Gas Plant in Texas May 12**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=154444>

**Amine Plant and AGI Compressor Restart Following Shutdown Caused by Power Outage at Waha Gas Plant in Texas May 12**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=154448>

## 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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