



# ENERGY ASSURANCE DAILY

Monday Evening, November 08, 2010

## Electricity

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### **Tropical Storm Tomas Knocks Out Power to 60,177 Central Maine Power Company Customers in Maine November 8**

The company announced the storm had knocked out power to 60,177 customers as of 9:30 AM this morning. At 11:30 AM the company announced customer outages were down to 47, 598. The storm broke at least 60 utility poles according to a company representative, and some roads and schools in the area are closed. Outside crews are being brought into the area. Some areas are not expected to be restored until Tuesday.

<http://www.cmpco.com/OurCompany/News/2010/news101108a.html>

<http://www.cmpco.com/OurCompany/News/2010/news101108b.html>

<http://www.mpbn.net/News/MaineHeadlineNews/tabid/968/ctl/ViewItem/mid/3479/ItemId/14114/Default.aspx>

### **Transformer Explosion Shuts Entergy's 951 MW Indian Point Nuclear Unit 2 in New York November 7**

The operator activated its Emergency Response Organization after an explosion in the 21 Main Transformer caused a turbine/reactor trip. The Nuclear Regulatory Commission reported that on the morning of November 7 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2010/20101108en.html>

<http://www.wten.com/Global/story.asp?S=13461838>

Information also derived from the NRC Power Reactor Status Reports:

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

### **Dominion's 917 MW North Anna Nuclear Unit 2 in Virginia Shut by November 7**

The Nuclear Regulatory Commission reported that on the morning of November 6 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

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

### **Entergy's 510 MW Vermont Yankee Nuclear Unit in Vermont Reduced to 80 Percent by November 6, then Shut November 7-8 after Discovery of Feed-Water Leak**

The unit began to shut after routine surveillance found a pipe leaking radioactive water at the rate of 60 drops per minute. The Nuclear Regulatory Commission reported that on the morning of November 5 the unit was operating at full power.

<http://www.wten.com/Global/story.asp?S=13461838>

<http://online.wsj.com/article/BT-CO-20101108-707970.html>

[http://news.yahoo.com/s/ap/20101108/ap\\_on\\_bi\\_ge/us\\_vermont\\_yankee\\_3](http://news.yahoo.com/s/ap/20101108/ap_on_bi_ge/us_vermont_yankee_3)

Information also derived from the NRC Power Reactor Status Reports:

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

### **FirstEnergy's 882 MW Davis-Besse Nuclear Unit in Ohio Reduced to 48 Percent by November 6**

The Nuclear Regulatory Commission reported that on the morning of November 5 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

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

### **Update: Entergy's 1,207 MW Grand Gulf Nuclear Unit 1 in Mississippi at Full Power by November 6**

The Nuclear Regulatory Commission reported that on the morning of November 5 the unit was operating at 70 percent.

Information derived from the NRC Power Reactor Status Reports:

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

### **Update: NMC's 522 MW Prairie Island Nuclear Unit 1 in Minnesota Ramped Up to 94 Percent by November 7**

The Nuclear Regulatory Commission reported that on the morning of November 6 the unit was operating at 41 percent.

Information derived from the NRC Power Reactor Status Reports:

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

### **Update: NPPD's 764 MW Cooper Nuclear Unit in Nebraska at Full Power by November 6**

The Nuclear Regulatory Commission reported that on the morning of November 5 the unit was operating at 75 percent.

Information derived from the NRC Power Reactor Status Reports:

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

### **Update: Dominion's 511 MW Kewaunee Nuclear Unit in Wisconsin at Full Power by November 6**

The Nuclear Regulatory Commission reported that on the morning of November 5 the unit was operating at 65 percent.

Information derived from the NRC Power Reactor Status Reports:

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

### **Entergy's 966 MW River Bend Nuclear Unit 1 in Louisiana Reduced to 60 Percent by November 6, Returns to Full Power by November 7**

The Nuclear Regulatory Commission reported that on the morning of November 5 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

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

### **Constellation's 835 MW Calvert Cliffs Nuclear Unit 2 in Maryland Reduced to 85 Percent by November 7, Returns to Full Power by November 8**

The Nuclear Regulatory Commission reported that on the morning of November 6 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

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

### **NRG's Limestone 831 MW Coal-Fired Unit 1 in Jewett, Texas Returns to Service after Unit Trip Stemming from Boiler Feed Pump Problems November 7**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147106>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147107>

### **Mirant's 206 MW Potrero Gas-Fired Unit 3 in California Shuts by November 4 and Returns to Service by November 5**

According to the California Independent System Operator, the unit reported shut by November 4 and returned from the unplanned outage by November 5.

<http://www.caiso.com/unitstatus/data/unitstatus201011041515.html>

<http://www.caiso.com/unitstatus/data/unitstatus201011051515.html>

### **Enmax's 250 MW Gas-Fired Unit in Alberta Shut by November 4**

Reuters, 17:42 November 5, 2010

## **TransCanada Puts 132 MW Kibby Wind Facility in Eustis, Maine into Service by November 1**

The facility is the largest wind project in New England.

<http://www.transcanada.com/5522.html>

## **Petroleum**

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### **Japex Proposes 25,000-to-30,000 b/d Hangingstone Oil Sands Expansion Project**

Japan Petroleum Exploration (Japex) said in April that its Hangingstone oil sands were producing 7,000 b/d. Japex hopes to have the expansion approved by the fall of 2011 and to commence production in late 2014.

<http://ca.reuters.com/article/businessNews/idCATRE6A41HP20101105>

### **Early Findings from White House Panel on Deepwater Horizon Oil Spill Support Many Conclusions from BP's Internal Investigation**

The panel's chief counsel said November 8 that the panel agrees with approximately 90 percent of the results of BP's internal investigation into the causes of the drilling accident.

<http://www.reuters.com/article/idUSN0821388420101108>

<http://www.cpost.com/news/article/Panel-investigator-BP-about-90-percent-right-802882.php>

## **Natural Gas**

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### **Energy Transfer Partners to Complete Two Pipeline Projects Ahead of Schedule**

The company plans to complete its 175-mile, 42-inch ETC Tiger Pipeline and its 185-mile, 42-inch Fayetteville Express Pipeline by December 1. The Tiger Pipeline, which will serve the Haynesville Shale and Bossier Sands regions of Louisiana and Texas, will initially have a capacity of 2.0 bcf/d, though a planned expansion is intended to bring it up to 2.4 bcf/d. The Fayetteville Pipeline, which is a 50/50 joint venture with Kinder Morgan Energy Partners, will serve the Fayetteville Shale region of Arkansas and will have a capacity of 2.0 bcf/d.

DJN, 08:00 November 8, 2010

### **Update: NW Natural Partners with Williams Northwest Pipeline to Propose Palomar Pipeline Project in Oregon November 5**

Northwest Natural Gas Co (NW Natural) and Williams Northwest Pipeline say that the project is still only tentatively planned. Originally NW Natural and TransCanada planned to build a longer version of the Palomar project to connect TransCanada's interstate pipeline with the proposed Bradwood Landing LNG terminal on the Columbia River. That proposal was shelved when the backers of the LNG terminal declared bankruptcy in May. The current proposal calls for the Palomar pipeline to cross the Cascades and terminate at the Molalla gas hub.

[http://www.oregonlive.com/business/index.ssf/2010/11/nw\\_natural\\_unveils\\_joint\\_ventu.html](http://www.oregonlive.com/business/index.ssf/2010/11/nw_natural_unveils_joint_ventu.html)

## **Other News**

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### **Tyson Foods, Syntroleum Announce Opening of Plant in Geismar, Louisiana that Makes Diesel, Jet Fuel from Chicken Fat November 8**

The plant has the capacity to produce 75 MMGal/Yr. out of chicken fat, beef tallow, and other greases. The companies say that the fuel produced at the plant is more like conventional diesel and jet fuel than biodiesel is.

<http://online.wsj.com/article/SB10001424052748703665904575600693755326662.html>

### **E.U.'s Plans to Promote Biofuels over Conventional Fuels Will Exacerbate Climate Change: Institute for European Environmental Policy**

According to a November 8 report from the Institute for European Environmental Policy, the European Union's plans to get 10 percent of its transport fuel from renewable sources by 2020 will lead to the conversion of 69,000 square kilometers of wild areas into farmland. This will have the effect producing between 81 and 167 percent more carbon dioxide emissions than using fossil fuels would. The report can be accessed by clicking on the following link:

[http://www.ieep.eu/publications/pdfs/2010/iluc\\_analysis.pdf](http://www.ieep.eu/publications/pdfs/2010/iluc_analysis.pdf)

<http://af.reuters.com/article/energyOilNews/idAFLDE6A317F20101107>

## Energy Prices

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U.S. Oil and Gas Prices November 8, 2010			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	87.00	83.29	76.86
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.47	3.36	4.30

Source: Reuters

## Energy Notes

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### **17,411 Duke Energy Customers in South Carolina Lose Power the Morning of November 7**

<http://www.duke-energy.com/outages/stats/>

### **NorthWestern Energy Reports Substation Glitch in Redfield, South Dakota Knocks Out Power to 16 Towns in South Dakota November 6 – Power Restored by November 7**

[http://www.kdlt.com/index.php?option=com\\_content&task=view&id=5967&Itemid=57](http://www.kdlt.com/index.php?option=com_content&task=view&id=5967&Itemid=57)

### **Oil Leak Causes HPCS System to Become Inoperable at Entergy’s River Bend Nuclear Unit in Louisiana November 7**

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2010/20101108en.html>

### **Equipment Malfunction Leads to Hydrogen Sulfide and Sulfur Dioxide Release at CVR Energy’s 120,000 b/d Coffeyville, Kansas Refinery**

<http://www.bloomberg.com/news/2010-11-08/n-y-gasoline-premium-weakens-as-refinery-work-expected-to-end.html>

### **“Process Upset” Causes Emissions Event at its ConocoPhillips’ 146,000 b/d Borger, Texas Refinery November 7**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147108>

### **Relief Valve Failure Briefly Knocks Out No. 2 AGI Unit at Tilden Gas Plant in Texas November 5**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147071>

### **Iraqi Oil Ministry Considering Proposal by Saudi Arabian Company to Rebuild 1.7 MMb/d Iraq-Saudi Oil Export Pipeline Idled in 1990**

<http://www.upstreamonline.com/live/article236039.ece>

### **Unknown Gunmen Attack Afren’s High Island Rig in the Okoro Oil Field Offshore Nigeria November 8, Kidnapping Five Crew Members and Injuring Two Others – The Okoro Field Produces 17,300 b/d**

Reuters, 07:51 November 8, 2010

DJN, 08:06 November 8, 2010

## Update: 300,000-Ton South Korean Oil Tanker Samho Dream Released by Somali Pirates November 6 After Being Held Since April 4

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=24586](http://www.downstreamtoday.com/news/article.aspx?a_id=24586)

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

Please direct comments and questions to: [ead@oe.netl.doe.gov](mailto:ead@oe.netl.doe.gov)