



# ENERGY ASSURANCE DAILY

Tuesday Evening, October 29, 2013

## *Electricity*

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### **OPPD Reports Postulated Control Room Fire Could Cause Loss of Ability to Conduct Safe Shutdown at Its 478 MW Fort Calhoun Nuclear Power Plant in Nebraska**

OPPD reported in a postulated event, a fire in the control room could cause one of the ammeter wires to short to the ground plane. Simultaneously, it is postulated that the fire causes another direct current wire from the opposite polarity on the same battery to also short to the ground plane. This could cause a ground loop through the unprotected ammeter wiring. This event could result in excessive current flow (i.e., heating) in the ammeter wiring to the point of causing a secondary fire in the raceway system. The secondary fire could adversely affect safe shutdown equipment and potentially cause the loss of the ability to conduct a safe shutdown.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20131029en.html>

### **Update: Wolf Creek's 1,165 MW Nuclear Unit 1 in Kansas Restarts by October 28, Ramps Up to 95 Percent by October 29**

The unit had restarted and ramped up to 8 percent, by the morning of October 28, according to the Nuclear Regulatory Commission. The unit is returning from a shutdown that began October 18 due to the loss of cooling to the switchgear rooms.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

### **Update: Southern's 1,149 MW Vogtle Nuclear Unit 2 in Georgia Ramps Up to 37 Percent by October 29**

On the morning of October 28 the unit was operating at 25 percent after restarting by October 24, according to the Nuclear Regulatory Commission. The unit is returning from a shutdown that began October 19 when the turbine tripped and caused the reactor to automatically shut down for safety reasons

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20131021en.html>

### **Update: Duke Energy's 846 MW Oconee Nuclear Unit 3 in South Carolina Ramps Up to 98 Percent by October 29**

On the morning of October 28 the unit was operating at 55 percent after restarting by October 27, according to the Nuclear Regulatory Commission. The unit is returning from a shutdown that began October 24 when Duke Energy manually tripped the reactor from full power due to feedwater system oscillations.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

### **Progress Energy's 811 MW Brunswick Nuclear Unit 2 in North Carolina Reduced to 80 Percent by October 29**

On the morning of October 28 the unit was operating at 97 percent, according to the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

### **PG&E's 1,087 MW Diablo Canyon Nuclear Unit 1 in California Reduced to 50 Percent by October 29**

On the morning of October 28 the unit was operating at 97 percent before being reduced to allow workers to clean out the unit's cooling water tunnel, according to the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

<http://www.sanluisobispo.com/2013/10/28/2754311/diablo-canyon-reactor-unit-1.html>

## **Dynegy's 510 MW Moss Landing Gas-fired Unit in California Reduced by October 28**

The unit entered an unplanned curtailment of 180 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201310281515.html>

## **Montana-Dakota Utilities Signs Power Purchase Agreement for 105 MW Thunder Spirit Wind Power Project in North Dakota**

Montana-Dakota Utilities Co., a division of MDU Resources Group, Inc., announced Monday that it signed a power purchase agreement with Thunder Spirit Wind LLC, a subsidiary of Wind Works Power Corp. The agreement is for approximately 105 MW of installed capacity of wind turbine generators to be located in southwest North Dakota near Hettinger. The generation will interconnect at Montana-Dakota's 230 kV substation near Hettinger. The project is expected to begin commercial operation in the fourth quarter of 2015.

<http://www.mdu.com/News/Pages/NewsArticle.aspx?article=349>

[http://www.nawindpower.com/e107\\_plugins/content/content.php?content.12198](http://www.nawindpower.com/e107_plugins/content/content.php?content.12198)

## ***Petroleum***

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### **North Dakota Says No Impact on Bakken Output from Outage of 6-Inch Section of Tesoro's High Plains Pipeline**

North Dakota's Bakken oil fields have not been affected by last month's rupture of Tesoro's High Plains pipeline because crude is being transported by trucks instead, the state's Department of Mineral Resources said on Monday. The leak, which occurred on September 29, spilled more than 20,000 barrels of crude in a rural field. The 6-inch pipeline was carrying Bakken oil to the Stampede rail facility and is part of Tesoro's 700-mile, 67,000 b/d High Plains pipeline system in North Dakota and Montana. It delivers oil to Tesoro's 68,000 b/d Mandan refinery and to an Enbridge Energy Partners pipeline.

Reuters, 14:13 October 28, 2013

### **Enbridge Will File Applications to Build 200,000 b/d Sandpiper Pipeline Across Northern Minnesota**

Enbridge will file applications this week to build a \$2.5 billion oil pipeline across northern Minnesota. The 610-mile Sandpiper pipeline would carry more than 200,000 b/d from western North Dakota's Bakken fields to the company's terminal in Superior, Wisconsin. The network of pipelines that transport Bakken oil now is straining to keep up with supply, so a new line is crucial, company officials say. The Sandpiper pipeline faces opposition from environmental groups as well as farmers and other property owners who worry the pipeline will destroy their land and way of life. Enbridge has proposed two routes for the new line. One would follow its existing pipeline corridor but the company's preferred Minnesota route cuts a new path south to Park Rapids before turning east toward Superior, through Carlton County. If the Public Utilities Commission signs off on the plan, the company plans to begin building late next year.

<http://minnesota.publicradio.org/display/web/2013/10/28/environment/enbridge>

[http://www.upi.com/Business\\_News/Energy-Resources/2013/10/29/Critical-need-for-Minnesota-oil-pipeline/UPI-90821383046536/](http://www.upi.com/Business_News/Energy-Resources/2013/10/29/Critical-need-for-Minnesota-oil-pipeline/UPI-90821383046536/)

### **Update: Citgo to Partially Reopen CDU at Its 167,000 b/d Lemont, Illinois Refinery After Fire**

Citgo is planning to reopen part of the crude distillation unit (CDU) at its Lemont refinery after a fire broke out in the unit on October 23. The fire was limited to the vacuum distillation section of the CDU and that section has been isolated. The company will restart the atmospheric section of the CDU at reduced rates by the end of next week after it undergoes safety reviews.

<http://abclocal.go.com/wls/story?section=news/local&id=9304938>

Reuters, 19:42 October 28, 2013

### **Monroe Energy Reports FCCU Shut at Delta's 185,000 b/d Trainer, Pennsylvania Refinery October 27**

A fluid catalytic converter unit (FCCU) at Delta Air Lines' refinery in Trainer, Pennsylvania, came offline on Sunday and was expected to be down for 48 to 60 hours, Monroe Energy said on Monday. Monroe Energy is a subsidiary of Delta, which bought the refinery last year.

Reuters, 13:07 October 28, 2013

### **Valero Reports Heavy Oil Cracker Startup at Its 200,000 b/d Corpus Christi, Texas Refinery October 29**

Valero Energy Corp. reported the startup of a heavy oil cracker unit at the West plant of its refinery in Corpus Christi, Texas.

Reuters, 10:22 October 29, 2013

### **ExxonMobil Reports Unplanned Flaring, Breakdown at Its 149,500 b/d Torrance, California Refinery October 28**

Exxon Mobil Corp. reported unplanned flaring due to a breakdown at its refinery in Torrance, California, according to a filing with the South Coast Air Quality Management District.

Reuters, 00:28 October 29, 2013

### **Suncor Reports Unplanned Operational Upset at Its 140,000 b/d Edmonton, Alberta Refinery October 28**

Suncor Energy Inc. reported that an unplanned operational upset led to emissions at its Edmonton, Alberta, refinery, according to a message on a community information line on Monday. The refinery was investigating the incident, the message said.

Reuters, 21:13 October 28, 2013

## ***Natural Gas***

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### **Regency's 290 MMcf/d Waha Gas Plant in Texas Shut October 26, 28**

Regency Energy Partners LP reported the acid gas injector (AGI) shut due to the unexpected shutdown of the plant on October 28. While attempting to restart the AGI compressor, the fourth stage valves malfunctioned, requiring replacement. All equipment was restarted and the AGI flare and AGI volume meter were in service during the down time of the plant/AGI compressor. On October 26, the turbo expander shut on overspeed causing the AGI compressor and entire plant to shut. All equipment was restarted and the AGI flare and AGI volume meter were in service during the down time of the plant/AGI compressor.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=190108>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=190060>

## ***Other News***

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### **Burlington-Northern Train Carrying Coal Derails in Illinois October 27**

Nineteen cars of Burlington-Northern of a train hauling coal derailed in Franklin County, Illinois, and heavily damaged all but two of the train cars on October 27. The derailment happened in a rural area between the towns of Christopher and Zeigler. Officials are investigating the cause of the derailment.

<http://www.seattlepi.com/news/article/19-train-cars-carrying-coal-derail-in-S-Illinois-4931916.php>

## ***International News***

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Nothing to report.

## Energy Prices

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U.S. Oil and Gas Prices			
October 29, 2013			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	98.32	99.03	85.96
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.61	3.77	3.34

Source: Reuters

## Links

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***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](http://www.eia.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html)

Updated after 10:30 AM & 1:00 PM ET every Wednesday.

***Natural Gas Weekly Update*** from EIA

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM ET every Thursday.

### ENERGY ASSURANCE DAILY

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

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