



# ENERGY ASSURANCE DAILY

Friday Evening, October 28, 2011

## Electricity

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### **Update: FPL's 1,155 MW Seabrook Nuclear Unit 1 in New Hampshire Restarts, Ramps Up to 14 Percent by October 28**

The unit was shut on October 7 when low steam generator water levels caused an automatic reactor trip. Operators restarted the unit on October 18, ramping it up to 16 percent, but then shut it again two days later.

Information derived from the NRC Power Reactor Status Reports:

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

### **Update: Indiana-Michigan Power's 1,000 MW D.C. Cook Nuclear Unit 1 in Michigan Ramped Up to 69 Percent by October 28**

The Nuclear Regulatory Commission reported that on the morning of October 27 the unit was operating at 35 percent.

Information derived from the NRC Power Reactor Status Reports:

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

### **Progress Energy's 811 MW Brunswick Nuclear Unit 2 in North Carolina Reduced to 44 Percent by October 28**

The Nuclear Regulatory Commission reported that on the morning of October 27 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/2011/>

### **Update: Calpine's 525 MW Sutter Gas-Fired Unit in California Returns to Service by October 27**

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

<http://content.caiso.com/unitstatus/data/unitstatus201110271515.html>

### **Cabrillo Power's 330 MW Encina Gas-Fired Unit 5 in California Returns to Service by October 27**

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment of 310 MW that began on October 14.

<http://content.caiso.com/unitstatus/data/unitstatus201110271515.html>

### **Mirant's 312 MW Pittsburg Gas-Fired Unit 5 in California Shut by October 27**

According to the California Independent System Operator, the unit reported an unplanned outage on October 27.

<http://content.caiso.com/unitstatus/data/unitstatus201110271515.html>

### **Department of Interior Proposes New Siting Guidelines for Solar Energy Developments on Public Lands, Reduces Solar Energy Zones in Six Western States October 27**

U.S. Interior Secretary Ken Salazar announced Thursday the agency's proposed new siting guidelines, which reduce the number of solar energy zones in Arizona, California, Colorado, Nevada, New Mexico, and Utah from 24 to 17 and cut the zones' total acreage to 285,000 from 677,000 acres. The reductions are intended to concentrate the development of solar projects to flat, sunny areas near electric transmission lines while reducing potential threats to wildlife and other resources.

Reuters, 15:27 October 27, 2011

## **Petroleum**

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### **Update: PBF Energy Stops Hydrogen Cyanide Release from Its 182,200 b/d Delaware City, Delaware Refinery October 25; Release Was Ongoing Since October 2**

PBF Energy has fixed a leak that was releasing approximately 200 pounds of hydrogen cyanide each day from its Delaware City, Delaware refinery since October 2, a PBF Energy spokesperson reported on October 25. The refinery began filing reports with the U.S. National Response Center earlier this month when a CO boiler on the fluid catalytic cracker unit blew a hole in the line, causing a release of carbon sulfide and hydrogen cyanide into the air.

<http://www.communitypub.com/news/x319049064/PBF-Leak-causing-chemical-emissions-at-refinery-fixed>

## **Natural Gas**

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### **GE and El Paso Begin Operations at 1.3 Bcf/d Gulf LNG Import Terminal in Pascagoula, Mississippi October 27**

GE Energy Financial Services, a unit of GE, announced yesterday that its co-owned liquefied natural gas (LNG) regasification and storage facility on the Gulf of Mexico has successfully begun operations. The terminal, operated by a subsidiary of El Paso Corporation, consists of two 160,000 cubic meter storage tanks with a combined capacity of 6.6 Bcf; 10 vaporizers, providing a base send-out capacity of 1.3 Bcf/d; and five miles of 36-inch pipeline connecting to downstream pipelines owned by Gulfstream, Destin, Transco, and Florida Gas Transmission.

<http://www.genewscenter.com/Press-Releases/Liquefied-Natural-Gas-Terminal-Co-Owned-By-GE-Energy-Financial-Services-Begins-Supplies-on-Gulf-Coast-under-Long-Term-Contracts-345c.aspx>

### **Pembina Pipeline Corp. Announces Plans to Build 200 MMcf/d Saturn NGL Extraction Facility and Associated Pipelines in Alberta for Service by Fourth Quarter of 2013**

Pembina Pipeline Corporation announced today that it plans to construct, own, and operate a 200 MMcf/d enhanced natural gas liquids (NGL) extraction facility, which it calls the Saturn Facility, and associated NGL and gas gathering pipelines in the Berland area of west central Alberta. The Saturn Facility will be connected to Talisman Energy Inc.'s Wild River and Bigstone gas plants through existing and newly constructed gas gathering lines. Once operational, Pembina expects the Saturn Facility will be able to extract up to 13,500 b/d of liquids. Pembina plans to construct an 83-km, 8-inch NGL pipeline to transport the extracted NGL from the Saturn Facility to Pembina's Peace Pipeline, which delivers product into Edmonton, Alberta. Pembina expects the Saturn Facility and associated pipelines to be in-service in the fourth quarter of 2013.

<http://pembina.mediaroom.com/index.php?s=10336&item=77360>

### **Contractor Control Error Shuts Turbine at DCP Midstream's 160 MMcf/d Goldsmith Gas Plant in Texas October 25**

DCP Midstream reported late Tuesday that its B-Turbine shut down unexpectedly when a turbine control contractor mistakenly disconnected a transmitter associated with the turbine, causing it to go offline and flare natural gas. A-Turbine was already shutdown for scheduled maintenance. Operators eventually restarted the turbine, although several equipment failures delayed the restart process. Earlier in the day, DCP announced it was shutting its two natural-gas fired turbines in phases, one at a time, to conduct required maintenance and inspection activities, and specifically, to wash and inspect its turbine engine rotors.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=161035>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=160550>

### **Power Outage Causes Over-Pressuring on Enterprise's Midstream Pipeline in Webb County, Texas October 28**

Enterprise reported to state regulators that severe weather in southern Texas led to power outages at two facilities, which caused pipeline pressure to temporarily exceed normal operating parameters. Pipeline safety systems immediately reduced the pressure back to normal operating conditions, and operators safely isolated the relief valve.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=159852>

## High Fire Box Temperature Shuts Thermal Oxidizer at Kripple Kreek Gas Plant in Texas October 25

The thermal oxidizer shut down on high fire box temperature as designed. Operators were working to determine the cause of the high temperature and whether it was caused by an electronic malfunction. Repairs were made to minimize emissions and return the thermal oxidizer to normal operation.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=161005>

## Other News

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Nothing to report

## Energy Prices

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U.S. Oil and Gas Prices			
October 28, 2011			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> West Texas Intermediate U.S. \$/Barrel	93.17	87.88	82.16
<b>NATURAL GAS</b> Henry Hub \$/Million Btu	3.59	3.61	3.37

Source: Reuters

## Energy Notes

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### Update: Over 12,000 Xcel Energy Customers Are Still Without Power in Northeast Colorado October 28 after Heavy Snowfall

[http://www.xcelenergy.com/About\\_Us/Energy\\_News/Emergency\\_Notices/Colorado\\_Snowstorm\\_Causes\\_Outages](http://www.xcelenergy.com/About_Us/Energy_News/Emergency_Notices/Colorado_Snowstorm_Causes_Outages)  
<http://www.pvrea.com/>

### Update: Illinois Senate Again Rejects Bill to Require the State's Purchase of Electricity from Tenaska's Proposed 716 MW Coal-Gasification Plant in Christian County, Illinois

<http://www.sj-r.com/top-stories/x1138509513/Tenaska-plant-loses-again-in-state-Senate>

## 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 EDT every Wednesday.

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

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

Updated after 2:00 PM EDT every Thursday.

## **ENERGY ASSURANCE DAILY**

*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. EDT. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:

<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)*