



U.S. DEPARTMENT OF ENERGY  
Office of Electricity Delivery and Energy Reliability  
Infrastructure Security and Energy Restoration

# ENERGY ASSURANCE DAILY

Wednesday Evening, November 09, 2011

## ***Major Developments***

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### **TransCanada Shuts 591,000 b/d Keystone Crude Oil Pipeline Due to Mechanical Issues November 9**

A TransCanada Corp. spokesman said Wednesday that the company has shut the pipeline, which runs from Alberta to southern Illinois and to Cushing, Oklahoma, due to mechanical issues. The spokesman did not specify the extent of the problems or when the company expects the pipeline to come back online.  
Reuters, 12:20 November 9, 2011

## ***Electricity***

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### **Update: Entergy Expects District Court Ruling by the End of November on Whether to Shut Down Its 563 MW Vermont Yankee Nuclear Power Plant**

Entergy Corporation said late last week that it expects by the end of the month a District Court ruling on whether the state of Vermont can force the company to shut its Vermont Yankee plant when the facility's existing operating license expires in March 2012. Earlier this year, Entergy Corporation filed a complaint in U.S. District Court for the District of Vermont to prevent the state from forcing it to shut its Vermont Yankee plant when the facility's existing operating license expires in March 2012. The Nuclear Regulatory Commission renewed the plant's operating license in March 2011, but the state of Vermont must still authorize the company to continue operations. The District Court trial took place on September 12–14. Entergy and the state of Vermont are each expected to appeal a decision not in its favor, which could tie up the case in litigation for years to come.

<http://www.reuters.com/article/2011/11/03/utilities-entergy-vermont-idUSL4E7M33QP20111103>

### **Update: Dynegy's 510 MW Moss Landing Gas-Fired Unit 2 in California Returns to Service by November 8**

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment of 260 MW that began on November 7.

<http://content.caiso.com/unitstatus/data/unitstatus201111081515.html>

### **AES's 495 MW Alamos Gas-Fired Unit 6 in California Shut by November 8**

According to the California Independent System Operator, the unit reported an unplanned outage on November 8.

<http://content.caiso.com/unitstatus/data/unitstatus201111081515.html>

### **Cabrillo Power's 330 MW Encina Gas-Fired Unit 5 in California Returns to Service by November 8**

According to the California Independent System Operator, the unit reported a return from an unplanned outage that began November 5.

<http://content.caiso.com/unitstatus/data/unitstatus201111081515.html>

## Petroleum

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### **Vacuum Breaker Fails at Valero's 142,000 b/d Corpus Christi, Texas Refinery November 8**

Operators reported a failed vacuum breaker on the floating roof of Tk-72 and are making repairs, according to a filing with the Texas Commission on Environmental Quality.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=161517>

### **Update: Suncor Extends Period of Reduced Rates until November 18 at Its 135,000 b/d Edmonton, Alberta Refinery Due to Disruption of Hydrogen Supplies**

Suncor Energy has extended an outage of units at the refinery until November 18 due to a disruption of hydrogen supplies from a third-party plant, a spokeswoman said on Tuesday. Suncor has reduced rates at its refinery by an unspecified amount since October 11.

Reuters, 16:59 November 8, 2011

## Natural Gas

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### **Turbine Goes Offline for Unknown Reasons, Leads to Flaring at DCP Midstream's 160 MMcf/d Goldsmith Gas Plant in Texas November 8**

Plant operators diverted inlet natural gas and reduced the number of field compressors to help minimize the flaring, and then they restarted the B-Turbine, which stopped the flaring. Operators are investigating what might have caused the turbine to go offline.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=161502>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=161498>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=161499>

### **Substation Lightning Arrestor Fails, Cuts All Electrical Power and Shuts Oxy's 70 MMcf/d Willard CO2 Separation Plant November 8**

Oxy reported that the plant lost all electrical power when a lightning arrestor failed Tuesday. Operators secured the plant as well as possible until power was restored, and they put the plant back online.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=161494>

## Other News

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Nothing to report

## Energy Prices

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| U.S. Oil and Gas Prices             |       |          |          |
|-------------------------------------|-------|----------|----------|
| November 9, 2011                    |       |          |          |
|                                     | Today | Week Ago | Year Ago |
| <b>CRUDE OIL</b>                    |       |          |          |
| <b>West Texas Intermediate U.S.</b> | 97.48 | 93.01    | 87.04    |
| \$/Barrel                           |       |          |          |
| <b>NATURAL GAS</b>                  |       |          |          |
| <b>Henry Hub</b>                    | 3.44  | 3.49     | 3.49     |
| \$/Million Btu                      |       |          |          |

Source: Reuters

## Energy Notes

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**Element Power US Places New 50 MW Macho Springs Wind Farm into Service in Deming, New Mexico November 8, Sells Output Power to Tucson Electric Power**

<http://www.tep.com/Company/News/PressReleases/ReleaseTemplate.asp?idRec=346>

**Senate to Vote on Resolution to Overturn EPA's Cross-State Air Pollution Rule November 10; Obama Administration Threatens to Veto the Resolution if It Passes the Floor**

<http://thehill.com/blogs/e2-wire/e2-wire/192615-sens-manchin-coats-float-bill-to-delay-epa-rules>

[http://www.whitehouse.gov/sites/default/files/omb/legislative/sap/112/sapsjr27s\\_20111108.pdf](http://www.whitehouse.gov/sites/default/files/omb/legislative/sap/112/sapsjr27s_20111108.pdf)

**Update: Gulf Keystone Raises Gross Oil-in-Place Estimates for the Shaikan Discovery in Kurdistan, Iraq from a Mean Value of 7.5 to 10.5 Billion Barrels**

[http://online.hemscottir.com/ir/gkp/news\\_xml.jsp?item=834140630944136&ST=GKP](http://online.hemscottir.com/ir/gkp/news_xml.jsp?item=834140630944136&ST=GKP)

**North Dakota Oil Production Hits Record High of 464,000 b/d in September – State Regulator; Most Drilling Targets the Bakken and Three Forks Formations**

Reuters, 13:59 November 8, 2011

**Several Equipment Malfunctions Lead to Flaring at West Texas Gas's 12 MMcf/d Big Lake Gas Plant in Texas November 8**

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=161501>

## 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 EST every Wednesday.

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

<http://www.eia.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)