



# ENERGY ASSURANCE DAILY

Friday Evening, October 05, 2007

## **Electricity**

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### **Attempts by Hackers Targeting Utilities Up 90 Percent in Recent Months – Report**

According to information released by SecureWorks, a security services firm, the number of attempts by hackers to penetrate systems at the company's various utility clients increased from an average of 49 incidents per day during the period January through April of this year to 93 attempts from May through September.

<http://www.scmagazine.com/uk/news/article/743046/hacking-attacks-against-utility-companies-soar/>

### **Update: Entergy's 966 MW River Bend Nuke Unit in Louisiana Ramps Up to 20 Percent of Capacity October 5**

The unit had tripped during routine testing on September 26.

Reuters, 08:12 October 5, 2007

### **Dominion's 511 MW Kewaunee Nuke Unit in Wisconsin Shut October 5**

According to the Nuclear Regulatory Commission, the unit was operating at 100 percent on October 4.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2007/20071004ps.html>

### **OPG's 515 MW Pickering Nuke Unit 4 Restarted in Ontario October 4**

The unit was shut in early June due to backup power availability problems.

<http://www.platts.com/Nuclear/News/7686204.xml?p=Nuclear/News&sub=Nuclear>

### **EPCOR/TransAlta's 450 MW Genesee Coal-fired Unit 3 in Alberta Shut October 5**

Reuters, 09:23 October 5, 2007

### **TransAlta's 353 MW Coal-fired Unit 4 in Alberta Shut October 4**

Reuters, 09:23 October 5, 2007

### **TransAlta's 279 MW Wabamun Coal-fired Unit 4 in Alberta Shut October 5**

Reuters, 09:23 October 5, 2007

## **Petroleum**

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### **Valero Restarts Reformer at 210,000 b/d Delaware City, Delaware Refinery October 4**

In a report filed with state regulators, the company indicated that a flaring event occurred during the restart of the reformer on October 4. A company representative declined to state when the unit had been shut, but did indicate that the problem had no material impact on production.

Reuters, 09:56 October 5, 2007

### **Flaring Reported at ConocoPhillips's 139,000 b/d Carson, California Refinery October 5**

According to a filing with state regulators, the refinery reported a flaring incident.

<http://www.oes.ca.gov/Operational/MALHaz.nsf/f1841a103c102734882563e200760c4a/4b9d5a1db2b2f1528825736b004bad9c?OpenDocument>

## **Power Failure Briefly Shuts Units PDVSA's 200,000 b/d Puerto la Cruz Refinery in Venezuela October 4**

PDVSA indicated that the power failure resulted in a complete shut-down of the hydroprocessing units as well as some other units. According to a company representative, power was restored to the affected units shortly after the incident and the company anticipated that the refinery would be operating normally within a few hours.

Reuters, 23:39 October 4, 2007

## **Update: Suncor Reports Upgrader Repairs on Schedule for Weekend Completion**

On October 4, Suncor Energy Inc. announced that the repairs to its fire-damaged oil sands upgrader are on schedule with a return to full production of 260,000 b/d expected this weekend.

Reuters, 15:40 October 4, 2007

## **Natural Gas**

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### **El Paso's Tennessee Gas Pipeline Declares Force Majeure in Mississippi October 4**

At about 16:30 p.m. on October 4, the Tennessee Gas Pipeline declared force majeure when an equipment failure developed at compressor station 847 located in Grenada, Mississippi. As a result capacity became partially unavailable. According to the El Paso Web site, there are no operational flow orders in effect as of 13:50 October 5. and the company statement also indicated that efforts to restore service may be complete by December 1 this year.

<http://tebb.epenergy.com/ebb/ebbmain.asp?sPipelineCode=TGP>  
<http://uk.reuters.com/article/oilRpt/idUKN0520438620071005>

### **Rockies Express East Start Up Could be Delayed due to Change in Regulatory Timetable**

According to a regulatory filing made by Kinder Morgan Energy, the third phase of the Rockies Express Pipeline project, known as Rockies Express East, could be delayed by a year due to FERC revisions to the proposed regulatory timetable. The filing said that the scheduling change would cause weather-related complications for construction. Kinder Morgan is aiming to complete Rockies Express East by January 1, 2009. The pipeline is designed to transport 1.8 Bcf/d from natural gas production areas in Colorado and Wyoming to Ohio, where it would link with pipelines serving Eastern markets.

[http://www.denverpost.com/business/ci\\_7087876](http://www.denverpost.com/business/ci_7087876)

### **Natural Gas Released at Florida Gas Vidor Compressor Station in Texas October 4**

According to a filing with Texas regulators, mechanical problems at the compressor station, located in Orange County, Texas, led to the release of 1 MMcf of sweet natural gas.

<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=98317>

## **Other News**

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### **DOE Says Yucca Mountain Nuclear Waste Facility Funding Short**

Edward F. Sproat III, director of DOE's Office of Civilian Radioactive Waste Management, told the House Budget Committee that the proposed Yucca Mountain nuclear waste storage facility in Nevada will require a doubling or tripling of annual funding beginning next year in order to meet the project's scheduled 2017 opening date.

[http://biz.yahoo.com/ap/071004/nuclear\\_waste\\_costs.html?v=2](http://biz.yahoo.com/ap/071004/nuclear_waste_costs.html?v=2)

### **NREL Report Sees Renewable Energy Demand Far Exceeding Supply by 2010**

According to a report due out next week from the National Renewable Energy Lab, by 2010, renewable energy demand will outpace generation by at least 37% unless a rush of projects is built.

[http://www.usatoday.com/money/industries/energy/environment/2007-10-03-clean-energy\\_N.htm](http://www.usatoday.com/money/industries/energy/environment/2007-10-03-clean-energy_N.htm)

## Energy Prices

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U.S. Oil and Gas Prices			
October 5, 2007			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	81.20	83.32	60.02
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	6.77	6.38	4.69

Source: Reuters

## Energy Notes

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### DOE to Guarantee Loans for up to 80 Percent of New Nuclear Reactor Construction Costs

<http://www.businessweek.com/ap/financialnews/D8S2KST01.htm>

### Update: Energy Industry Faces Potential 'People Deficit' by 2010 - CERA

<http://www.cera.com/asp/cda/public1/news/pressReleases/pressReleaseDetails.aspx?CID=9006>

### First Two U.S. Flagged Shuttle Tankers Chartered by Petrobras to Transport Crude Oil from Ultra-Deep Gulf of Mexico Field to U.S.

Business Wire, 09:15 October 5, 2007

### Resource Nationalism Leads Oil Industry to Pursue More Exploration in U.S. Gulf

[http://www.energyintel.com/PublicationHomePage.asp?publication\\_id=5](http://www.energyintel.com/PublicationHomePage.asp?publication_id=5)

### Like Venezuela, Ecuador Seeks to Negotiate Improved Terms but Wants to Keep Foreign Oil Companies in the Country

Reuters, 10:28 October 5, 2007

### British Hostage Freed in Raid by Nigerian Troops October 5

Reuters, 07:52 October 5, 2007

### Prospects for and Problems with Biofuels – Analysis

Reuters, 04:04 October 5, 2007

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

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

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