



# ENERGY ASSURANCE DAILY

Friday Evening, April 04, 2008

## *Electricity*

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### **Tornado Sweeps Central Arkansas and Mississippi – 59,000 without Power April 3**

A tornado swept through Central Arkansas late April 3, breaking utility poles and leaving tens of thousands of customers without power. Entergy Arkansas reported at its peak a total of 38,700 customers lost power and First Electric Cooperatives reported 8,500 customers out in central Arkansas. Entergy Mississippi reported a total of 12,000 customers without power as of 1:45 PM EST. An Entergy Arkansas representative reports there is no estimate for when power would be restored as numerous power poles were broken by the high winds.

<http://www.arkansasbusiness.com/article.aspx?aID=104207.59352.116349>

<http://www.wapt.com/news/15794680/detail.html>

### **AES's 226 MW Huntington Beach Gas-fired Unit 1 in California Shut April 3**

According to the California Independent System Operator, the unit experienced an unplanned curtailment of 136 MW on April 3.

<http://www.caiso.com/unitstatus/data/unitstatus200804031515.html>

### **FirstEnergy's 1,235 MW Perry Nuke Unit 1 in Ohio Shut April 4**

According to the Nuclear Regulatory Commission, the unit was operating at 100 percent on April 3.

Information derived from NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **Entergy's 510 MW Vermont Yankee Nuke Unit in Vermont Ramped Up to 90 Percent April 4**

According to the Nuclear Regulatory Commission, the unit was operating at 41 percent on April 3.

Information derived from NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **Duke's 846 MW Oconee Nuke Unit 2 in South Carolina at Full Power April 4**

The unit returned to service following a March 31 outage when a turbine tripped during maintenance activities.

According to the Nuclear Regulatory Commission, the unit was operating at 58 percent on April 3.

Information also derived from NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Reuters, 06:27 April 4, 2008

### **AEP's 690 MW Oklaunion Coal-fired Unit in Texas Shut April 2**

According to a filing with state regulators, the unit was shut due to transmission line problems.

Reuters, 09:01 April 4, 2008

### **Update: Luminant's 750 MW Monticello Coal-fired Unit 3 Back in Service April 3**

The unit was shut and returned to service after the primary air fan tripped.

Reuters, 06:56 April 4, 2008

<http://www2.tceq.state.tx.us/eer/main/index.cfm?fuseaction=getDetails&target=105776>

### **TransAlta's 406 MW Sundance 6 Coal-fired Unit in Alberta Shut April 3**

Reuters, 9:01 April 4, 2008

## **TransAlta's 318 MW Keephills 2 Coal-fired Unit in Alberta Shut April 2**

Reuters, 18:16 April 3, 2008

## **Proposed Wind Power Additions Will Require Heavy Investment – ERCOT Study**

The Electricity Reliability Council of Texas (ERCOT) completed a study requested by the Texas Public Utility Commission which outlines four scenarios for wind growth and the transmission equipment to handle the growth. Texas has more wind generation capacity than any other state. Although developers have proposed new wind plants to boost output to 46,623 MW, the state does not currently possess enough transmission capacity to effectively move the existing wind capacity, let alone that of the proposed developments. ERCOT's scenarios deal with the addition of between 12,000 MW and 24,000 MW of wind generation capacity and estimate the cost to be \$5.7 billion.

<http://powemarketers.net/contentinc.net/newsreader.asp?ppa=8knpp%5E%5CjkmrtnnWSget9K%22bfen%5Fv>

## ***Petroleum***

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### **Tower Unit Fire Shuts Hydrotreater at ExxonMobil's 149,500 b/d Torrance, California Refinery April 4**

According to an 11:48 AM EST filing with state regulators, the Torrance refinery was experiencing a major onsite fire within a tower unit that houses the hydrotreating unit. According to information from the Torrance Fire Department, the refinery continued to operate as the fire was contained to the hydrotreater and subsequently extinguished.

[http://www.dailybreeze.com/ci\\_8811066](http://www.dailybreeze.com/ci_8811066)

<http://www.reuters.com/article/marketsNews/idUSN0440452720080404>

<http://www.oes.ca.gov/operational/mal haz.nsf/f1841a103c102734882563e200760c4a/bb7b682f740a8e36882574210056dfdb?OpenDocument>

### **Update: BP Restarts Crude Unit at its 463,000 b/d Texas City, Texas Refinery April 3**

According to a company operations representative the 230,000 b/d crude unit at the Texas City refinery has restarted but is operating at reduced rates of 185,000 b/d. The entire plant has been in sequential restart mode since a March 2005 explosion and the September 2005 shutdown ahead of Hurricane Rita.

[http://www.downstreamtoday.com/News/Articles/200804/BP\\_Restarts\\_Crude\\_Unit\\_At\\_Texas\\_City\\_S\\_9833.aspx](http://www.downstreamtoday.com/News/Articles/200804/BP_Restarts_Crude_Unit_At_Texas_City_S_9833.aspx)

### **Hydrocracker Shut at Valero's 170,000 b/d Benicia, California Refinery April 3**

The unit was shut to repair a leak in a heater line outlet. The hydrocracker treats partially processed petroleum to be made into gasoline.

Reuters, 14:14 April 3, 2008

Bloomberg, 16:16 April 3, 2008

### **Process Upset Reported at ConocoPhillips's 247,000 b/d Sweeny, Texas Refinery April 3**

Due to failed level controls on a feed drum an upset occurred in the hydrogen purification unit at the refinery.

Reuters, 10:40 April 4, 2008

### **Update: FCC Repairs Completed at Valero's 210,000 b/d Delaware City, Delaware Refinery April 3**

Valero reports it has completed repairs to its gasoline fluid catalytic cracking unit at its Delaware City refinery.

Reuters, 14:59 April 3, 2008

### **Husky Oil Resumes Production at its 140,000 b/d White Rose Oil Field Offshore Newfoundland April 3**

Ice floes forced the company to suspend all output on April 1.

Reuters, 16:42 April 3, 2008

## ***Natural Gas***

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Nothing to report.

## Other News

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### Update: US Ethanol Capacity Rises 50 Percent Over One Year to 8.5 Bgal/yr

Ethanol capacity in the United States has risen 50 percent over the past year as producers are expected to supply new markets amid government mandates and high oil prices. Currently, there are 147 U.S. ethanol distilleries with 55 plants under construction and 6 undergoing expansion.

Reuters, 13:40 April 3, 2008

## Energy Prices

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U.S. Oil and Gas Prices			
April 4, 2008			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> West Texas Intermediate U.S. \$/Barrel	105.58	105.31	64.26
<b>NATURAL GAS</b> Henry Hub \$/Million Btu	9.68	9.30	7.53

Source: Reuters

## Energy Notes

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### Update: Entergy Continues Search for Leak at 563 MW Vermont Yankee Nuclear Power Plant in Vermont—Workers Isolate Faulty Condenser, but Continue Testing Individual Tubes for Source

<http://www.rutlandherald.com/apps/pbcs.dll/article?AID=/20080403/NEWS02/804030388/1003/NEWS02>

### Texas Gas Transmission to Seek FERC Approval to Increase Proposed Capacity of its Arkansas Shale Lateral Project – 1.2 Bcf/d from 800MMcf/d

<http://intelligencepress.com/>

### Minnesota Public Utilities Commission Approves Minnesota Steel's Blackberry Natural Gas Pipeline April 3

<http://www.wdio.com/article/stories/S401092.shtml?cat=10335>

### Boardwalk Pipeline Partners Announce Intentions to Expand Fayetteville and Greenville Natural Gas Lateral Projects in Mississippi

[http://www.downstreamtoday.com/News/Articles/200804/Boardwalk\\_To\\_Expand\\_Fayetteville\\_Greenvi\\_9817.aspx](http://www.downstreamtoday.com/News/Articles/200804/Boardwalk_To_Expand_Fayetteville_Greenvi_9817.aspx)

### Small Petroleum Spill Reported at Tesoro's Products Pipeline in California April 3

<http://www.oes.ca.gov/Operational/MALHaz.nsf/f1841a103c102734882563e200760c4a/20365a1dccc024efb88257420006e3bfc?OpenDocument>

### PECO to Perform Helicopter Inspections Along 1,035 Miles of Electricity Transmission Lines in Pennsylvania

<http://www.poweronline.com/content/news/article.asp?docid=%7B0346CE41-B7C4-431D-B766-023746CC4B63%7D&VNETCOOKIE=NO>

### ConocoPhillips's Q1 Production Down, Cites Unplanned Shutdowns and Bad Weather as Causes

[http://www.rigzone.com/news/article.asp?a\\_id=59518](http://www.rigzone.com/news/article.asp?a_id=59518)

## Uganda to Reach Full-Scale 40,000 - 60,000 b/d Oil Production in Five Years

[http://www.rigzone.com/news/article.asp?a\\_id=59547](http://www.rigzone.com/news/article.asp?a_id=59547)

## Neste Oil Reports Diesel Line Fire at its 86,900 b/d Porvoo Refinery in Finland April 4

Reuters, 04:04 April 4, 2008

## Update: Shell Reports Oil Pipeline Fire Extinguished in Nigeria – No Impact on Output or Exports April 4

Reuters, 02:34 April 4, 2008

## 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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