



# ENERGY ASSURANCE DAILY

Monday Evening, April 07, 2008

## Electricity

### Update: Severe Storms Pound South Leaving Nearly 170,000 Customers Without Power

Severe weather swept through portions of Mississippi, Arkansas, Louisiana, and Alabama April 3-5 leaving 167,600 customers without power. Storms worsened throughout the day April 4, increasing the number of customers without power previously reported on Friday afternoon. Hardest hit was Mississippi, where severe weather ripped through the Jackson metropolitan area. Entergy sought help from crews from neighboring states to aid in the restoration efforts. Local authorities expected that the majority of customers would be restored by April 7, though some estimated that residual outages could last until April 9.

Southern Storms Customer Power Outages			
April 4-7, 2008			
Electric Utility	State	Peak	Latest Reported
Entergy	MS	92,000	19,000
Entergy	AR	45,000	0
First Electric Coop	AR	8,000	0
Entergy	LA	15,000	0
Alabama Power	AL	7,600	0
<b>TOTAL*</b>		<b>167,600</b>	<b>19,000</b>

\*Total outages only represent electric utilities listed in this table.

Sources:

- <http://www.topix.net/content/ap/2008/04/tornado-sweeps-central-arkansas-injuries-reported-2>
- <http://www.wjtv.com/gulfcoastwest/jtv/news.apx.-content-articles-JTV-2008-04-06-0011.html>
- [http://blog.al.com/spotnews/2008/04/crews\\_restore\\_power\\_overnight.html](http://blog.al.com/spotnews/2008/04/crews_restore_power_overnight.html)
- <http://www.texarkanagazette.com/news/WireHeadlines/2008/04/05/tornado-storm-just-latest-in-hard-luck-w-18.php>
- [http://www.entergy-arkansas.com/news\\_room/newsrelease.aspx?NR\\_ID=1153](http://www.entergy-arkansas.com/news_room/newsrelease.aspx?NR_ID=1153)
- <http://www.firstelectric.coop/>

### Dominion's 1,130 MW Millstone Nuke Unit 3 in Connecticut at Full Power by April 6

The Nuclear Regulatory Commission reported that on the morning of April 5 the unit had been reduced to 90 percent.

Information derived from the NRC Power Reactor Status Reports:

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

### Exelon's 1,116 MW Peach Bottom Nuke Unit 2 in Pennsylvania at Full Power by April 6

The Nuclear Regulatory Commission reported that on the morning of April 5 the unit had been reduced to 85 percent.

Information derived from the NRC Power Reactor Status Reports:

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

### **Entergy's 813 MW FitzPatrick Nuke Unit in New York Restarted by April 7**

The Nuclear Regulatory Commission reported that on the morning of April 4 the unit was shut on April 5 in order to repair a leaking feedwater pipe.

Bloomberg News, April 7, 2008 10:39

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

### **Progress Energy's 811 MW Brunswick Nuke Unit 2 in North Carolina Ramped Up to 99 Percent by April 7**

The Nuclear Regulatory Commission reported that on the morning of April 6 the unit had been reduced to 67 percent.

Information derived from the NRC Power Reactor Status Reports:

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

### **Duke's 754 MW Moss Landing Gas-fired Unit 6 in California Returns to Service April 5**

According to the California Independent System Operator, the unit returned from an unplanned curtailment of 380 MW.

<http://www.caiso.com/unitstatus/data/unitstatus200804051515.html>

### **Luminant's 750 MW Martin Lake Coal-fired Unit 3 in Texas Shut April 5**

The company expected to restart the unit on April 7 after repairing a superheat tube leak.

<http://www2.tceq.state.tx.us/eer/main/index.cfm?fuseaction=getDetails&target=105883>

Reuters, 10:07 April 7, 2008

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

Reuters, 17:42 April 4, 2008

### **Entergy's 653 MW Pilgrim Nuke Unit 1 in Massachusetts Ramped Up to 20 Percent by April 7**

The Nuclear Regulatory Commission reported that on the morning of April 5 the unit had shut in order to replace a pilot valve.

Bloomberg News, April 7, 2008 9:59

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

### **Luminant's 545 MW Sandow Coal-fired Unit 4 in Texas Shuts and Restarts Twice April 4**

According to reports filed with state regulators, the unit shut and was restarted on April 4 when a turbine suffered an electrical overspeed trip. The same problem occurred again later that day. The turbine controls were identified as the cause of the repeat outages.

<http://www2.tceq.state.tx.us/eer/main/index.cfm?fuseaction=getDetails&target=105880>

<http://www2.tceq.state.tx.us/eer/main/index.cfm?fuseaction=getDetails&target=105865>

### **Mirant's 337 MW Contra Costa Gas-fired Unit 7 in California Returns to Service April 4**

According to the California Independent System Operator, the unit returned from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200804041515.html>

### **AES's 226 MW Huntington Beach Gas-fired Unit 1 in California Returns to Service April 4**

According to the California Independent System Operator, the unit returned from an unplanned curtailment of 136 MW.

<http://www.caiso.com/unitstatus/data/unitstatus200804041515.html>

### **OPG's 515 MW Pickering Nuke Unit 7 in Ontario Shut April 6**

Reuters, 10:07 April 7, 2008

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

Reuters, 17:42 April 4, 2008

### **TransAlta's 353 MW Sundance Coal-fired Unit 5 in Alberta Shut April 7**

Reuters, 10:07 April 7, 2008

## **Petroleum**

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### **BP Investigates Crude Spill at 475,000 b/d Texas City, Texas Refinery**

The company is investigating a leak which occurred on a pipe in a 180,000 b/d distillation unit on April 2. The leak was contained and its cause remains unknown.

[http://www.khou.com/news/local/stories/khou080403\\_ac\\_bpoileak.296af7e6.html?npc](http://www.khou.com/news/local/stories/khou080403_ac_bpoileak.296af7e6.html?npc)

### **Update: Alon USA Restarts 70,000 b/d Big Spring, Texas Refinery, Another Fire Reported April 7**

The company restarted the facility, ramping up to half rates after a fire on February 18 forced the company to idle the unit. The crude unit, reformer unit, distillate hydrotreater and jet fuel hydrotreater are all operational and the company hopes to have the fluid catalytic cracking unit operational by mid-July. Another fire reportedly broke out briefly April 7 in a tank battery and had no effect on production according to press reports.

<http://www.platts.com/Oil/News/8638546.xml?p=Oil/News&sub=Oil>

Bloomberg News, April 7, 2008 11:50

Reuters, April 7, 2008 10:13

## **Natural Gas**

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### **Northern Border Pipeline Begins Open Season for 24-inch 289-Mile Bison Pipeline in Wyoming and South Dakota**

On April 4 the company began its open season for potential shippers on its proposed Bison Pipeline. The 289-mile 24-inch pipeline would connect gathering facilities in the Powder River Basin to the Northern Border Pipeline in Morton County, North Dakota.

<http://money.cnn.com/news/newsfeeds/articles/marketwire/0383832.htm>

### **Northern Natural Gas Pipeline Declares Force Majeure on Beaver to Mullinville A Mainline in Texas**

According to the company website, a leak developed on the line and was subsequently shut for repairs. The company declared a force majeure and plans to complete repairs by April 9.

[http://www.northernnaturalgas.com/infopostings/asp/noticesCritical.asp?id\\_priority=Y&InetNoticeType=7&dt\\_posted\\_from=Apr++4+2008++2:07PM+&dt\\_posted\\_to=Apr++4+2008++2:07PM+#41189](http://www.northernnaturalgas.com/infopostings/asp/noticesCritical.asp?id_priority=Y&InetNoticeType=7&dt_posted_from=Apr++4+2008++2:07PM+&dt_posted_to=Apr++4+2008++2:07PM+#41189)

### **Estimates Reveal Massive Natural Gas Reserves at Marcellus Shale Formation in Pennsylvania and Surrounding States**

Many companies have begun investing in projects to develop the 54,000 square mile Marcellus Shale Formation in Pennsylvania. The influx of investment comes after two scientists estimated that the reserve potential in the formation totaled between 168 and 516 Tcf. The estimate announced in January 2008 negates a previous study conducted by the U.S. Geological Survey which estimated only 1.9 Tcf in reserve potential.

[http://www.pittsburghlive.com/x/pittsburghtrib/business/s\\_560555.html](http://www.pittsburghlive.com/x/pittsburghtrib/business/s_560555.html)

<http://live.psu.edu/story/28116>

## **Other News**

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### **GreenHunter Energy to Complete Largest U.S. Biodiesel Plant this Month**

The company submitted securities filings indicating that the biodiesel facility would be complete in April and begin production by May. The facilities include 700,000 barrels of bulk product storage, 45,000 barrels per month capacity of contaminated methanol, and a 200 million pound per year glycerin refining capacity.

<http://www.platts.com/Oil/News/6852824.xml?p=Oil/News&sub=Oil>

## Energy Prices

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U.S. Oil and Gas Prices			
April 7, 2008			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	108.80	102.21	64.26
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	9.36	9.36	7.53

Source: Reuters

## Energy Notes

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### **Update: BP Completes Restart of Crude Unit at 475,000 b/d Texas City, Texas Refinery** **April 7**

Reuters, April 7, 2008 12:09

### **Blower Malfunction Reported at Valero's 142,000 b/d Corpus Christi, Texas Refinery**

<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=105904>

### **Tri-State Generation Votes to Study Nuclear Generation Options in Colorado**

<http://www.topix.net/content/ap/2008/04/tri-state-is-studying-prospect-of-nuclear-plant-near-holly>

### **Houston Ship Channel Reopens After Dense Fog April 7**

Bloomberg News, April 7, 2008 12:25

### **Puget Sound Energy Fined \$1.25 Million for Fraudulent Natural Gas Pipeline Safety Records**

[http://www.king5.com/topstories/stories/NW\\_040308WAB\\_puget\\_sound\\_energy\\_fine\\_TP.2aa965e3.html](http://www.king5.com/topstories/stories/NW_040308WAB_puget_sound_energy_fine_TP.2aa965e3.html)

### **Idaho Energy Complex Settles on New Location of 1,600 MW Nuclear Power Plant in Elmore County, Idaho**

[http://pro.energycentral.com/professional/news/power/news\\_printer\\_friendly.cfm?id=10052873](http://pro.energycentral.com/professional/news/power/news_printer_friendly.cfm?id=10052873)

### **Update: BP, Fortis, and NRG Energy Secure Necessary Financing for 150 MW Sherbino I Wind Farm in Texas**

[http://pro.energycentral.com/professional/news/power/news\\_article.cfm?id=10049850](http://pro.energycentral.com/professional/news/power/news_article.cfm?id=10049850)

### **California Remains Second Largest Wind Power Generator in U.S. But Development Slowing Relative to Other States-AWEA**

[http://www.awea.org/pubs/documents/Outlook\\_2008.pdf](http://www.awea.org/pubs/documents/Outlook_2008.pdf)

### **Energetech America Withdraws Plans for Florence Wave Energy Park in Oregon**

[http://www.koin.com/news/state/story.aspx?content\\_id=3c394e1b-d4af-4479-acb0-6083275e38d6](http://www.koin.com/news/state/story.aspx?content_id=3c394e1b-d4af-4479-acb0-6083275e38d6)

### **Grounded Barge Carrying 119,000 Barrels of Fuel Oil in Florida Freed April 4**

<http://www2.tbo.com/content/2008/apr/04/barge-stuck-near-egmont-key-transfer-oil-load/>

### **Valero Converts MTBE Unit to Isooctene at Corpus Christi, Texas Refinery**

World Refining and Fuels Report, April 7, 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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<http://www.oe.netl.doe.gov/index.aspx>.

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