



# ENERGY ASSURANCE DAILY

Monday Evening, April 05, 2010

## *Electricity*

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### **Heavy Winds Knock out Power to Over 90,000 Customers in Michigan April 3 Power Restored to All but 6,500 Customers by April 5**

Spring storms with wind gusts reported at 45-mph broke tree branches and power lines, causing over 50,000 Consumers Energy customers to lose power and about 40,000 DTE customers to lose power in Michigan the weekend of April 3-4. Consumers Energy company representatives said all power is expected to be restored by the end of April 5, whereas about 6,500 DTE customers remain without power as of the afternoon April 5.

<http://www.wlns.com/Global/story.asp?S=12256937>

[http://www.mlive.com/news/grand-rapids/index.ssf/2010/04/utility\\_crews\\_work\\_to\\_restore.html](http://www.mlive.com/news/grand-rapids/index.ssf/2010/04/utility_crews_work_to_restore.html)

<http://www.9and10news.com/Category/Story/?id=218051>

### **Update: Thunderstorms and Strong Winds April 2 Knock out Power to Over 41,000 Customers in Greater Kansas City Area of Missouri and Kansas**

High winds and thunderstorms battered the Kansas City greater metropolitan region on Friday April 2, knocking out power to 21,000 Kansas City Power & Light customers in Missouri, 9,300 Kansas City Board of Public Utilities customers in Kansas, over 5,900 Westar Energy customers in Kansas as well as 5,000 Independence Power and Light customers in Missouri. Crews worked through the weekend to restore service to most of the affected customers.

[http://www.kansascity.com/2010/04/02/1852333\\_high-winds-hit-kc-toppling-trucks.html?storylink=omni\\_popular](http://www.kansascity.com/2010/04/02/1852333_high-winds-hit-kc-toppling-trucks.html?storylink=omni_popular)

<http://www.kctv5.com/news/23038916/detail.html>

[http://www.kcpl.com/kcmaps/frameset\\_menus.htm](http://www.kcpl.com/kcmaps/frameset_menus.htm)

<https://www-11.westarenergy.com/outagemaps/outagetable.asp>

[http://www.kcpl.com/kcmaps/frameset\\_menus.htm](http://www.kcpl.com/kcmaps/frameset_menus.htm)

### **Earthquake in Baja Mexico, Prompts APS to Declare an Unusual Event for its Palo Verde Nuclear Plant in Arizona and for SCE to Declare an Unusual Event for its San Onofre Nuclear Plant in California April 4**

In "Emergency Declared" status reports filed with the Nuclear Regulatory Commission, Arizona Public Service (APS) as well as Southern California Edison (SCE) reported "Unusual Events" on the afternoon of April 4 due to each feeling an earthquake on site (from the 7.2 magnitude earthquake that shook Baja California, Mexico.) The emergency declarations were terminated in about 2 hours in the case of San Onofre and 5 hours in the case of Palo Verde after inspections found no problems and no adverse impacts on health and safety.

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

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

### **Power Transmission Line Linking Imperial Valley, California to Mexico Damaged**

A power transmission line linking the Imperial Valley to Mexico was damaged by the earthquake and a substation in Rosita, Mexico suffered damage as well.

Bloomberg News, 10:09 April 4, 2010

### **Southern's 870 MW Hatch Nuclear Unit 2 in Georgia Shut by April 5**

Operators shut the unit to perform maintenance on safety release valves within the unit. The Nuclear Regulatory Commission reported that on the morning of April 4 the unit was operating at full power.

Bloomberg News, 10:29 April 5, 2010

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

### **PSE&G's 1,092 MW Salem Nuclear Unit 2 in New Jersey Reduced to 69 Percent by April 3**

Operators slowed the unit to 69 percent of capacity after river grass clogged the screens. The Nuclear Regulatory Commission reported that on the morning of April 2 the unit was operating at 82 percent.

Bloomberg News, 10:26 April 5, 2010

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

### **TVA's 1,126 MW Sequoyah Nuclear Unit 2 in Tennessee at Full Power by April 3**

The Nuclear Regulatory Commission reported that on the morning of April 2 the unit was operating at 58 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

### **Energy Northwest's 1,107 MW Columbia Generating Station Nuclear Unit in Washington at Full Power by April 5**

The Nuclear Regulatory Commission reported that on the morning of April 4 the unit was operating at 85 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

### **FPL's 510 MW Point Beach Nuclear Unit 1 in Wisconsin Ramped Up to 50 Percent by April 5**

The Nuclear Regulatory Commission reported that on the morning of April 4 the unit was not operating.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

### **Exelon's 1,161 MW Braidwood Nuclear Unit 1 in Illinois at Full Power by April 5**

The Nuclear Regulatory Commission reported that on the morning of April 4 the unit was operating at 85 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

### **Exelon's 1,163 MW Byron Nuclear Unit 1 in Illinois at Full Power by April 5**

The Nuclear Regulatory Commission reported that on the morning of April 4 the unit was operating at 84 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

### **Update: Delta Energy's 880 MW Delta Energy Center Aggregate Gas-Fired Unit in California Returns to Service by April 4**

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment of 270 MW.

<http://www.caiso.com/unitstatus/data/unitstatus201004041515.html>

<http://www.caiso.com/unitstatus/data/unitstatus201004031515.html>

### **Update: Duke Energy's 510 MW Moss Landing Gas-Fired Unit 2 in California Returns to Service by April 4**

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

<http://www.caiso.com/unitstatus/data/unitstatus201004041515.html>

<http://www.caiso.com/unitstatus/data/unitstatus201004021515.html>

## **Portland General Electric Asks Oregon Department of Environmental Quality to Allow Early Closure of its 601 MW Coal-Fired Boardman Plant to Meet New Environmental Standards**

Portland General Electric Company submitted a proposal April 2 asking the Oregon Department of Environmental Quality to allow the utility to meet new environmental standards by closing its 601 MW Boardman Power Plant in 2020, at least 20 years ahead of schedule. Under PGE's proposal, the utility will in 2011 begin cutting haze-causing emissions of sulfur dioxide and nitrogen oxides from the Boardman plant by installing new burners, using low sulfur coal, and then will close the plant in 2020

[http://www.portlandgeneral.com/our\\_company/news\\_issues/news/04\\_02\\_2010\\_pge\\_asks\\_deq\\_to\\_allow\\_early\\_c.aspx](http://www.portlandgeneral.com/our_company/news_issues/news/04_02_2010_pge_asks_deq_to_allow_early_c.aspx)

## **California ISO to Investigate Cause of Blackout in San Diego, California that Briefly Left 300,000 Customers without Power April 1**

The California Independent Systems Operator announced recently the launch of an investigation into the recent blackout in San Diego that caused almost 300,000 customers to be without power for nearly 45 minutes early on April 1. San Diego Gas & Electric reported it was ordered by California ISO to shut its Otay Mesa plant, at the same time, SDG&E's 560 MW Palomar Energy Center and Dynegy's 309 MW South Bar plant were also offline for seasonal scheduled maintenance.

<http://www.signonsandiego.com/news/2010/apr/03/power-outage-questions-probed/>

<http://www.nasdaq.com/aspx/stock-market-news-story.aspx?storyid=201004021706dowjonesdjonline000436&title=update-california-grid-operator-probes-san-diego-blackout>

## **Over 115,000 BC Hydro Customers in Vancouver, British Columbia without Power April 2 due to Spring Storms and Heavy Winds**

Over the weekend of April 2, over 115,000 BC Hydro customers were without power due to spring storms that brought heavy winds into the Vancouver area of British Columbia. Crews worked throughout the weekend to restore power and as of mid afternoon April 5, only 1,159 customers remain without power.

<http://www.bchydro.com/outages/orsTableView.jsp>

<http://www.vancouversun.com/life/Power+restored+most+Island/2763276/story.html>

## **New York Department of Environmental Conservation Denies Entergy's Application for Water-Quality Certification Necessary to Extend Life of its Indian Point Nuclear Plant in New York**

Dow Jones Newswire, 11:10 April 5, 2010

## ***Petroleum***

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### **Somali Pirates Seize South Korean 'Samho Dream' Crude Supertanker Offshore Somalia, Carrying Estimated 2.5 MMbbls of Iraqi Crude Offshore April 5**

According to European Union Naval Forces Somalia, a crude supertanker carrying an estimated 2.5 million barrels of Valero-owned Iraqi crude on its way to Louisiana has been seized by Somali pirates early morning April 5. The 300,000-ton supertanker 'Samho Dream' has 24 crew members on board. The South Korean government ordered a Navy destroyer to move toward the tanker's expected route to intercept the hijacked ship. Valero Energy said it will replace the estimated 2.5 million barrels as it was not expected for several days, a company spokesperson said.

[http://www.cnn.com/2010/WORLD/africa/04/05/somalia.tanker.hijacked/index.html?eref=igoogle\\_cnn](http://www.cnn.com/2010/WORLD/africa/04/05/somalia.tanker.hijacked/index.html?eref=igoogle_cnn)

Bloomberg News, 11:42 April 5, 2010

### **KinderMorgan Restarts all Refined Products Pipelines in Southern California April 5 Following Precautionary Shutdown due to 7.2 Magnitude Earthquake in Baja California**

The company shut all its refined products pipelines located in the Southern California as a precautionary measure following the 7.2 magnitude earthquake that struck nearby Baja California April 4. The company announced today it has restarted all the pipelines and after first reviews, a jet fuel tank located at the company's Imperial, California storage center suffered minor damages.

Reuters, 10:55 April 5, 2010

### **Update: April 2 Fire at 120,000 b/d Tesoro's Anacortes, Washington Refinery Caused Total of 5 Deaths, Alyeska Pipeline Service Co Monitoring Situation**

The fire that broke out at Tesoro's Anacortes refinery April 2 caused a total of five deaths, two more than originally reported. The company indicated that only a small portion of the refinery was impacted by the fire and that most units continue to operate, though at reduced rates. The refinery takes about 40,000 b/d of Alaskan crude and Alyeska Pipeline Service Co. which operates the Valdez tanker port, said it is monitoring the situation and can if needed, hold on to the crude oil destined for the refinery,

Reuters, 23:50 April 2, 2010

<http://www.adn.com/2010/04/02/1209721/alyeska-waits-for-word-on-refinery.html>

<http://kuow.org/program.php?id=19913>

### **Frontier Plans to Increase Rates at its 125,000 b/d El Dorado, Kansas Refinery this April**

The company plans to increase throughput rates from 125,000 b/d to 134,000 b/d this month.

Bloomberg News, 10:37 April 5, 2010

### **Update: Enbridge Energy Pipeline's 1,000-Mile, 800,000 b/d Alberta Clipper Crude Pipeline Opens April 2**

At full capacity, the pipeline will transport 800,000 b/d of crude oil from Alberta, Canada to Superior, Wisconsin.

<http://www.businessnorth.com/kuws.asp?RID=3359>

### **Crude Oil Rose to Highest Price of \$85.97 in over 17 Months on U.S. Jobs Report April 2**

Crude oil rose to \$85.97 a barrel April 2 as the Labor Department reported a rise in payrolls the month of March 2010. This price point is the highest a barrel of crude futures has been sold in over 17 months.

<http://www.bloomberg.com/apps/news?pid=20601087&sid=aDfoeuqCQnvw&pos=3>

## ***Natural Gas***

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### **Loss of Power Causes Shutdown of Waha Gas Processing Plant in Texas April 3**

In a report to state regulators, operators indicated that the plant experienced an unforeseen loss of purchase power that caused the plant to shutdown. The shutdown lasted approximately seven hours.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=137860>

### **Stuck Pig Causes Pressure Build-up and Shutdown of Chap Booster Station in Texas April 3**

In a filing to state regulators, a stuck utility pig on a discharge line at the Chap booster station in Texas led to pressure build-up and the shutdown of the station. The line was cleared and the booster station was placed back on line within one day.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=137864>

### **Portion of Duke Energy Field Services Pipeline in Panola County, Texas Shut April 3 due to Hydrate Freeze**

In a filing to state regulators, a utility pig was reported stuck in the Devon 16 section of the Duke Energy Field Services pipeline system was caused by a hydrate freeze. The shutdown lasted only two hours.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=137858>

### **Power Failure Shuts Coyanosa Gas Processing Plant in Texas April 3**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=137867>

### **Fullerton Gas Processing Plant in Texas Unexpectedly Shut April 2 for Only Two Hours**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=137850>

## Other News

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### CSX Coal Train Derails in Nelson County, Virginia April 1

A twenty-six car train carrying coal overturned near Norwood, Virginia early morning April 2. The cause of the derailment remains under investigation.

[http://www2.newsvirginian.com/wnv/news/local/article/coal\\_train\\_derails\\_in\\_nelson\\_county/54345/](http://www2.newsvirginian.com/wnv/news/local/article/coal_train_derails_in_nelson_county/54345/)

## Energy Prices

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U.S. Oil and Gas Prices			
April 5, 2010			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	86.52	82.09	52.34
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.72	3.92	3.69

Source: Reuters

## Energy Notes

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### Tesoro and Valero Say Refinery Operations in southern California Not Impacted by Earthquake in Baja California, Mexico April 4

Reuters, 07:10 April 5, 2010

### Minerals Management Service Prepares for Environmental Impact Statement Process to Begin for Proposed 2012-2017 Outer Continental Shelf Oil and Gas Leasing Program

[http://www.rigzone.com/news/article.asp?a\\_id=90516](http://www.rigzone.com/news/article.asp?a_id=90516)

### Two Power Outages Cause Flaring Events at Wyoming Refining's 14,000 b/d Newcastle, Wyoming Refinery the Week Ending April 5

[http://www.trib.com/news/state-and-regional/article\\_e9de990c-3e63-11df-ad6a-001cc4c03286.html](http://www.trib.com/news/state-and-regional/article_e9de990c-3e63-11df-ad6a-001cc4c03286.html)

### TNK-BP Introduce New Technology to Measure Water Pipe Corrosion Rate, With Immediate Measurements

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=21999](http://www.downstreamtoday.com/news/article.aspx?a_id=21999)

### Nova Scotia Power and NewPage Propose 60 MW Biomass Renewable Co-Generation Project with In-Service Date of 2010

<http://www.prnewswire.com/news-releases/nova-scotia-power-and-newpage-propose-renewable-co-generation-project-89912647.html>

### Future of Offshore Drilling in Virginia Could Face Obstacles from NASA and U.S. Navy with Strategic Facilities Located Along Coast

<http://www.newsleader.com/apps/pbcs.dll/article?AID=20104050310>

## 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/ead.aspx>

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