



**U.S. DEPARTMENT OF ENERGY
Office of Electricity Delivery and
Energy Reliability**

ENERGY ASSURANCE DAILY

Monday, April 10, 2006

Major Developments

Thousands without Power in East due to Tornadoes and Storms April 7 & 8

April 7 Storm Power Outages			
Utility	State	Peak	Current
Alabama Power	Alabama	65,000	All restored
Georgia Power	Georgia	44,000	All should be restored by midnight tonight
Other Georgia Utilities	Georgia	8,000	All should be restored by midnight tonight
AEP Kentucky Power	Kentucky	23,000	Spring Storm Update
Appalachian Power	West Virginia	18,000	April 7 Thunderstorms
Nashville Electric Membership Corporation	Tennessee	16,500	Outage Map
Appalachian Power	Virginia	8,000	April 7 Thunderstorms
TOTAL*		182,500	

*Total outages only represent utilities listed in this table.

Sources: <http://www.todaysthv.com/news/news.aspx?storyid=26731>

<http://www.ashlandcitytimes.com/apps/pbcs.dll/article?AID=/20060408/NEWS01/60408002/1291/mctcn01>

<http://www.williamsondailynews.com/articles/2006/04/10/news/04sweep.txt>

http://www.oanow.com/servlet/Satellite?pagename=OAN/MGArticle/OAN_BasicArticle&c=MGArticle&cid=1137835262984&path=!news!localnews

<http://www.wtvm.com/Global/story.asp?S=4745250>

Electricity

PG&E Starts Service on 115-kV Transmission Line in San Francisco

Pacific Gas and Electric Company has released into service its new underground 115-kV Potrero-Hunters Point Cable transmission line in San Francisco. The Potrero-Hunters Point Cable is the second-to-last of nine transmission projects PG&E has completed in its effort to obtain California Independent System Operator approval to terminate the must-run contract for the Hunters Point Power Plant. The California ISO has required PG&E to run the plant to assure continued reliable electric service in the region, but completion of the transmission projects will allow PG&E to maintain reliable service without the plant. The final transmission project, the Jefferson-Martin 230-kV Transmission Line, is scheduled to be completed this spring, even though excessive rain during March and April has posed challenges.

<http://www.pnewsire.com/cgi-bin/stories.pl?ACCT=104&STORY=/www/story/04-07-2006/0004336279&EDATE=>

FirstEnergy Testing for Tritium Leaks at 1,238 MW Perry Nuclear Plant in Ohio

FirstEnergy Corp. engineers are taking daily tests of drain water at the Perry nuclear plant outside Cleveland, Ohio to determine whether a leak of radioactive tritium has been fixed. A routine test of water in drains underneath the plant on March 28 revealed small amounts of tritium. A small leak of reactor water was found in a flange in the reactor building. From there, it is believed that water with the tritium leaked through the concrete floor and into drains beneath the plant.

<http://www.ohio.com/mld/ohio/business/14286021.htm>

Update: FirstEnergy's 831 MW Beaver Valley 2 Nuke in Pennsylvania at 100 Percent

The unit ramped up to full power early April 10 after shutting April 3.

Reuters, 07:11 April 10, 2006.

Update: Dominion's 882 MW Millstone Nuke in Connecticut Exits Outage April 10

Unit 2 exited an outage and ramped up to 87 percent early April 10 after shutting March 31 for repairs to a back-up pump.

Reuters, 07:19 April 10, 2006.

FP&L's 831 MW Saint Lucie Nuke in Florida at 86 Percent

Bloomberg, 07:43 April 7, 2006.

Southern Nuclear's 924 MW Hatch 1 Nuke in Georgia Exits Outage, Up to 74 Percent April 7

Bloomberg, 07:44 April 7, 2006.

Update: Southern Nuclear's 883 MW Hatch 2 Nuke in Georgia Up to 99 Percent April 7

The unit tripped and shut on April 5 while technicians were performing a 24-month calibration on the megavar and voltmeter recorder.

Reuters, 07:40 April 10, 2006.

Southern Nuclear's 1,149 MW Vogtle 2 Nuke in Georgia Up to 100 Percent April 7

Bloomberg, 07:44 April 7, 2006.

SCE's 1,060 MW San Onofre 2 Nuke in California Delays Restart

Southern California Edison has delayed the restart of its 1,070-megawatt Unit 2 at the San Onofre Nuclear Generating in San Diego County, California, until April 17. The unit was planned for restart this past weekend. In March, the unit's restart was delayed when partially dislodged gaskets used to seal the cover for a safety injection tank were discovered.

Reuters, 13:46 April 10, 2006.

Constellation's 873 MW Calvert 1 Nuke in Maryland Restarted April 10

The unit was restarted April 8 and then shut due to a problem with one of the control assemblies. The situation has been corrected.

Reuters, 14:27 April 10, 2006

AES' 485 MW Natural Gas-fired Alamos Unit 5 in California Shut April 9

The unit was shut for unplanned work.

Reuters, 09:03 April 10, 2006.

Petroleum

Update: Additive May Be Cause of Alaska North Slope Spill; Congressmen Worry About Corrosion on TAPS Mainline

BP is advancing two theories to explain the cause of corrosion on its 100,000 b/d gathering pipeline which burst March 2, spilling as much as 270,000 gallons of crude oil on Alaska's North Slope. In an 18-page letter sent by BP's Exploration (Alaska) Inc. president Steve Marshall to two U.S. congressmen investigating the spill, Marshall explained that the corrosion inhibitor either was absorbed or had its effectiveness reduced because of an emulsion breaker additive.

<http://www.latimes.com/business/investing/wire/sns-ap-alaska-pipeline-spill.1.7170395.story?coll=sns-ap-investing-headlines>

Connecticut Governor Urges Congress to Remove Tariff on Ethanol

On Saturday, April 8, Governor M. Jodi Rell urged members of Connecticut's Congressional delegation to support a measure lifting the 54 cents per gallon tariff that protects U.S. makers of the fuel additive ethanol from imports of foreign-made ethanol. Ethanol usage is expected to surge as refineries phase out the gasoline additive MTBE.

Analysts are fearful that domestic ethanol inventories will not be able to keep up with demand, thereby further aggravating price increases. Expanding purchases of cheaper ethanol from producers such as Brazil, Mexico and Jamaica could curb gasoline prices, but due to the existing U.S. trade protection, those potential savings cannot be realized. In 2005, the U.S. produced 3.9 billion gallons of fuel ethanol and imported just 109 million gallons. The Energy Department predicts that the refiners will need an additional 2 billion gallons of ethanol this year.

<http://www.ct.gov/governorrell/cwp/view.asp?A=2425&Q=312054>

FCC Unit at Citgo's 165,000 b/d Corpus Christi Refinery in Texas Shut April 8

Citgo Petroleum Corp. shut the fluid catalytic cracking unit No. 2 at its 165,000 barrel per day refinery in Corpus Christi, Texas, on April 8 due to a "leak on lower regenerator."

Reuters, 08:54 April 10, 2006.

Total's Two Sulfur Units at its 233,500 b/d Refinery in Texas Shut April 8

Total's SRU No. 1 and SRU No. 2 in Port Arthur, Texas were shut April 8 due to a power failure. The company is working to restart the units as soon as possible.

Reuters, 09:09 April 10, 2006.

Fuel Frontiers, Inc. Plans Second Waste-to-Ethanol Plant

Fuel Frontiers, Inc. announced today that it has entered into an agreement with Ambient Energy Corporation to secure a potential site with abundant feedstock of waste coal in eastern Pennsylvania for a second waste-to-ethanol production facility in addition to the one under development in Toms River, New Jersey. FFI anticipates a potential production capacity of 250 to 500 million gallons per year. FFI is farther along in the process for its planned 52 million gallon waste-to-ethanol production facility in Toms River, New Jersey, for which it has already secured land, environmental permits, feedstock sources suitable for conversion into ethanol, a ten-year ethanol purchase contract, and preliminary approval for an \$84 million bond authorization from the state of New Jersey.

Reuters, 08:10 April 10, 2006.

Natural Gas

Nothing to report.

Other News

Bush Calls Talk of Iran Attack ‘Wild Speculation’, Crude Oil at Record High in London

An investigative reporter writes in the April 17, 2006 edition of The New Yorker magazine that President Bush wants to Iran’s President ousted and that one option being considered is military strikes on Iran, the world’s fourth-biggest oil producer. The Washington Post also reported on April 9 that the U.S. is using the threats of attacks to put pressure on Iran to comply with U.N. demands regarding its nuclear program. The President denied that the U.S. is planning any attacks on Iran and called the stories “wild speculation.” These stories certainly play some part in the rise in crude oil prices which moved to record levels in London and are close to record highs in New York. Worries about low gasoline inventories in the U.S. have also sent prices up over the past few days.

<http://www.cnn.com/2006/POLITICS/04/10/hersh.access/index.html>

<http://www.cnn.com/2006/POLITICS/04/10/bush.iran/index.html>

Bloomberg News, 13:36 April 10, 2006.

Energy Prices

U.S. Oil and Gas Prices			
April 10, 2006			
	Today	Week Ago	Year Ago
CRUDE OIL			
West Texas Intermediate U.S.	68.60	66.07	53.71
\$/Barrel			
NATURAL GAS			
Henry Hub	6.83	7.08	7.17
\$/Million Btu			

Source: Reuters

Energy Notes

Deadly Louisiana Blast Likely Due to Natural Gas Pipeline Rupture

<http://www.nola.com/newsflash/louisiana/index.ss?/base/news-24/1144414155148720.xml&storylist=louisiana>

OPEC Tells Consumers to Build More Refineries to Address Supply Bottlenecks

International Oil Daily, April 10, 2006.

Oman Planning to Raise Crude Production by 150,000 b/d by 2010

<http://www.platts.com/Natural%20Gas/News/8374276.xml?p=Natural%20Gas/News&sub=Natural%20Gas&src=nu>

Links

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

Updated at 10:30 AM and 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.

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