



U.S. DEPARTMENT OF ENERGY
Office of Electricity Delivery and Energy Reliability
Infrastructure Security and Energy Restoration

ENERGY ASSURANCE DAILY

Tuesday Evening, February 23, 2010

Electricity

AES's 227 MW Huntington Beach Gas-fired Unit 4 in California Shut by February 22

According to the California Independent System Operator, the unit reported an unplanned outage by February 22.
<http://www.caiso.com/unitstatus/data/unitstatus201002221515.html>

PG&E's 1,087 MW Diablo Canyon Nuke Unit 1 in California Reduced to 50 Percent by February 23

The Nuclear Regulatory Commission reported that on the morning of February 22 the unit was operating at 82 percent.

Information derived from the NRC Power Reactor Status Reports:

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

Update: Duke Energy's 846 MW Oconee Nuke Unit 3 in South Carolina Reduced to 76 Percent by February 23

The Nuclear Regulatory Commission reported that on the morning of February 22 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

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

Duke Energy's 510 MW Moss Landing Gas-fired Unit 1 in California Reduced by February 22

According to the California Independent System Operator, the unit reported an unplanned curtailment of 260 MW by February 22.

<http://www.caiso.com/unitstatus/data/unitstatus201002221515.html>

Update: Entergy's 813 MW FitzPatrick Nuke Unit in New York at Full Power by February 23

The unit was shut on February 17 due to the identification of a tritium leak at the plant. The Nuclear Regulatory Commission reported that on the morning of February 22 the unit was operating at 79 percent.

<http://www.publicbroadcasting.net/wrvo/news.newsmain/article/1/0/1613315/More.News.From.WRVO/Recent.Tritium.Leaks.At.Nuclear.Power.Plants.A.Concern>

Information also derived from the NRC Power Reactor Status Reports:

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

Entergy Commits to Being Proactive in Potential Radioactive Tritium Leaks at its Palisades Nuclear Plant in Michigan

Due to leaks from original plant piping dating to the early 1970s, the company discovered one tritium leak in 2007 and an additional in 2009, prompting the company to reaffirm its commitment in being proactive in dealing with potential underground radioactive leaks. Entergy announced recently it will replace more than 500 feet of stainless-steel underground piping at its Palisades nuclear plant in Michigan.

http://www.heraldtribune.com/articles/2010/02/20/local_news/1215253.txt

Petroleum

Explosion Damages Unit at United Refining's 70,000 b/d Warren, Pennsylvania Refinery February 20

One person was reported badly burned and a distillate hydrotreating unit has been damaged at United Refining's refinery in Pennsylvania during a minor explosion, a local newspaper said after confirmation from the company. The incident occurred February 20 as the unit burner was being lit, a company official reported in an interview. Bloomberg News, 03:02 February 23, 2010

Gas Leak Reported at Marathon's 76,000 b/d Texas City, Texas Refinery February 23

In a filing to state regulators, Marathon reported a propylene gas leak at its Texas City, Texas, refinery early February 23. The leak occurred as the refinery was restarting the unit after planned work.

<http://www11.tceq.state.tx.us/oce/eei/index.cfm?fuseaction=main.getDetails&target=136237>

Update: Total Petroleum's Worker Strike at its French Refineries Continues for Seventh Day February 23, Union Says Progress Has Been Made in Talks with Corporate

Workers at Total's six French refineries have been on strike for seven days, bringing production to a halt causing Total to declare force majeure on propylene from their French refineries, while the union reported it has curbed fuel supplies at 259 filling stations. The strike caused concern throughout the country, and prompted the intervention of French President Sarkozy. Following a roundtable in which government representatives, Total corporate and union representatives met, Total pledged no plant closures for five years in a move that shows signs of progress in ending the strike and resuming production at the refineries.

<http://www.businessweek.com/news/2010-02-23/total-unions-make-major-progress-in-strike-talks-update2-.html>

<http://uk.reuters.com/article/idUKLDE61M0VR20100223>

<http://www.icis.com/Articles/2010/02/22/9336765/corrected-total-declares-force-majeure-on-propylene-from-french-refineries.html>

Reuters, 10:14 February 23, 2010

Natural Gas

Colorado Interstate Gas Company Updates Force Majeure Status at Totem Storage Field in Colorado

Colorado Interstate Gas Company (CIG) reported to its shippers the company continues to commission and test its repairs to the Totem Storage Field dehydration facility located in Adams County, Colorado. As indicated in the December Force Majeure notice, the failure of the dehydration facility precluded support of withdrawal activity from the field and based on that outage, CIG declared its Force Majeure. CIG reported that once it has verified the capability of the dehydration facility to support the return to full withdrawal service at Totem, CIG will post the in-service date and cancel the Force Majeure event.

<http://ebb.cigco.com/ebbCIG/Notices/NoticeView.asp?sPipelineCode=CIG&sSubCategory=Critical&sNoticeId=7989>

<http://ebb.cigco.com/ebbmasterpage/Notices/NoticesAutoTable.aspx?>

Other News

Update: Army Corps of Engineers Opens Ohio River Lock Chamber February 22

The main lock on the Ohio River was shut on January 27 after an anchorage bar broke on a 240-ton gate causing back-ups and barge-towing vessels to use a smaller auxiliary lock along the river. The U.S. Army Corps of Engineers reported in a statement late February 22 that they have reopened the main lock chamber at the Greenup Locks on the Ohio River following successful repairs.

Bloomberg News, 10:11 February 23, 2010

EPA Announces Slowed, Phased-In Greenhouse Gas Emissions Reporting Requirements for Industry

In a response to a letter sent by eight U.S. Senators inquiring about the agency's plans for 2010, EPA Administrator Jackson outlined several decisions for the 2010-2011 year. Among them are that no facility will be required to address greenhouse gas emissions in Clean Air Act permitting of new construction or modifications before 2011. Additionally for the first half of 2011, only facilities that already must apply for Clean Air Act permits as a result of their non-greenhouse gas emissions will need to address their greenhouse gas emissions in their permit applications. The response from the Administrator signals a slowed, phase-in approach of new limits on carbon dioxide emissions from coal and other heavy industry plants in a way to ease concerns about the impact of the newly enforced regulations on the local workforce and overall economy.

<http://yosemite.epa.gov/opa/admpress.nsf/d0cf6618525a9efb85257359003fb69d/19132862f2b332de852576d2007d866c!OpenDocument>

<http://www.reuters.com/article/idUSTRE61L5PG20100223>

Energy Prices

U.S. Oil and Gas Prices February 23, 2010			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	78.31	76.90	38.29
NATURAL GAS Henry Hub \$/Million Btu	4.92	5.48	4.21

Source: Reuters

Energy Notes

EcoPower Generation Submits Application to Kentucky State Board on Electric Generation and Transmission Siting for Approval to Build 50 MW Power Plant Fueled by Logs, Wood Waste in Kentucky

<http://louisville.bizjournals.com/louisville/stories/2010/02/22/daily14.html>

Update: Panda Energy Receives Air Permit for Planned 500 MW Gas-fired Combined-Cycle Panda Sherman Power Plant to be Located in Texas

<http://www.pandaenergy.com/LinkClick.aspx?fileticket=Fq1hJahGh4I=&tabid=68>

Teanaway Solar Reserve Delivers Conditional Use Permit Application for Proposed 75 MW Solar Photovoltaic Generation Facility in Washington State February 22

<http://www.prnewswire.com/news-releases/teanaway-solar-reserve-reaches-next-milestone-85054012.html>

U.S. Plans to Investigate How Speculators Create Volatility in Oil Markets, Energy Secretary Chu Says

<http://www.google.com/hostednews/afp/article/ALeqM5gEQ8RuXpxDgd3Zf0veZp4DxCueXw>

Leaked Memo Shows Fear of Retaliation if Plant Employees Raise Safety Concerns at SCE's San Onofre Nuclear Plant in California

http://www.nctimes.com/news/local/sdcounty/article_24823ab3-e8f1-5f55-beb4-91c06e9fdfa3.html

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 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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