

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



ENERGY ASSURANCE DAILY

December 23, 2005

Electricity

AEP'S 526 MW Coal-fired Welsh 2 Unit in Texas Shut Dec. 21

American Electric Power shut the 528-megawatt unit 2 at the Welsh coal-fired power station in Texas late Thursday, the company told Texas regulators in a report on Friday. The Columbus, Ohio-based company said the unit, which automatically tripped off line, would likely be back in service by Saturday, Dec. 24. The 1,584-MW Welsh plant is located in Cason in Titus County, about 130 miles east of Dallas. There are three 528-MW units at the station.

Reuters 07:44, December 23, 2005

Update: Both PG&E Diablo Canyon Nuclear Units in CA Up to Full Power

PG&E Corp.'s two Diablo Canyon nuclear power units in California climbed to full power as of early Friday, the U.S. Nuclear Regulatory Commission said in its daily plant status report. On Thursday, the 1,087-megawatt unit 1 was operating at 69 percent power, while the 1,087-MW unit two was running at 66 percent. Output of both units was curtailed late Tuesday or early Wednesday because of high swells off the California coast which often affect the intake water at the plant.

Reuters 12:23, December 23, 2005

Update: NRC Renews Point Beach Nuclear Plant License for 20 Years

WE Energy was granted a 20 year extension of the operating license for its 1,036 MW Point Beach nuclear generating station located near Two Rivers, Wisconsin.

http://pro.energycentral.com/professional/news/power/news_article.cfm?id=6184369

Update: PGE Aiming for February 1 Restart of its Boardman Coal-fired Plant in Oregon

The 380 MW coal-fired Boardman plant, the largest in Portland General's portfolio was forced to shut by a mechanical problem in late October.

http://pro.energycentral.com/professional/news/power/news_article.cfm?id=6184592

Construction Begins on 750 MW Coal-fired Plant in Colorado

Excel has broken ground on its \$1.3 billion 750 MW coal-fired Comanche Generating Station in Pueblo, Colorado.

http://pro.energycentral.com/professional/news/power/news_article.cfm?id=6182388

Petroleum

FCC Unit Back Up at Delek's 55,000 b/d Texas Refinery

On Wednesday Delek US Holdings restarted its fluid catalytic cracking unit at its 55,000 barrels per day Tyler, Texas, refinery the company said in filing with state regulators. The unit was shut for maintenance on Nov. 28.

Reuters 09:23, December 23, 2005

Update: Enbridge Files Regulatory Applications for Alberta Oil Sands Pipeline

Reuters 17:37, December 22, 2005

Natural Gas

Warm Weather Contributes to Natural Gas Plunge

Warmer than normal weather and forecasts for continued warm weather over the next ten days have led to a drop of 19 percent in the spot price of natural gas since Tuesday's close.

Bloomberg 14:02, December 22, 2005.

Bloomberg 15:36, December 22, 2005.

El Paso Corp Says Despite Significant Progress, Pipeline Systems Still Operating at Reduced Levels

Although El Paso reports substantial progress in repairing damage to its system from hurricanes Katrina and Rita, gas flow is down by 770 million cubic feet: ANR is down by 200 mmcf, Southern is down by 170 mmcf and Tennessee is down by about 400 mmcf. The Tennessee line is being hindered by the unavailability of third party production and processing facilities.

http://biz.yahoo.com/ap/051222/el_paso_hurricane_update.html?v=1

http://pro.energycentral.com/professional/news/gas/news_article.cfm?id=6184674

Qatargas LNG Expansion Moving Ahead

A \$4 billion construction contract to build LNG Trains 6 and 7 was awarded, according to a statement by Qatar Petroleum. Train 6 is due to start production in 2009, and Train 7 in 2010. The two projects are expected to produce a total of 2.8 bcf of natural gas. Most of the LNG is destined for sale in the US.

The Oil Daily, December 23, 2005

Hurricane Recovery Updates

December 15 was the last scheduled hurricane emergency situation report for 2005. Updates on the status of energy infrastructure restoration efforts related to hurricane damage will be posted in the Energy Assurance Daily in this section of the report. For past Gulf Coast Hurricanes situation reports, see the website of the Office of Electricity Delivery and Energy Reliability (OE) of the U.S. Department of Energy at:

<http://www.oe.netl.doe.gov>.

Gulf Coast Shut-in Production Per Day

Ivan vs. Katrina/ Rita vs. Most Recent

	Ivan	Katrina/Rita	Most Recent
Gas (BCF/day)	6.515 65.15% (High- 9/16/04)	9.418 94.18% (High- 8/30/05)	1.962 19.62% (12/22/05)
Oil (bbls/day)	1,410,002 94.00% (High- 9/16/04)	1,564,679 100.00% (High-9/26/05)	412,687 27.51% (12/22/05)

Normal Production in the Gulf Coast is 10 BCF/day of gas and 1,500,000 bbls/day of oil.

Source: U.S. MMS, December 22, 2005

Gulf Coast Shut-in Production Cumulative

Katrina/ Rita vs. Ivan

	Ivan	Katrina/ Rita
Cumulative	9/13/04 - 02/14/05	8/26/05 – 12/22/05
Gas (BCF)	172.259	547.073
Oil (bbls)	43,841,245	105,889,263

Source: U.S. MMS, December 22, 2005

[Louisiana In-State Daily Production and Pipeline Update](#)

According to the Louisiana Department of Natural Resources on 12/23, onshore crude oil production in southern Louisiana has reached 122,629 barrels per day, or 60.4 percent of the region's capacity; natural gas production of 1,613.3 million cubic feet per day, or 72.2 percent of daily capacity in 38 southern Louisiana parishes, has been restored. There are 55 on-shore pipeline operators in the hurricane-affected parishes. As of 12/23, 8 operator's facilities were reopened, 30 of the operator's facilities are shut-in, and 17 of the operators experience partial system shut-ins or flow.

<http://dnr.louisiana.gov/>

Other News

Nothing to Report

Energy Prices

	Latest (12/23/05)	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate US \$/Barrel	58.08	58.01	42.19
NATURAL GAS Henry Hub \$/Million Btu	11.17	13.36	6.98

Source: Reuters

This Week in Petroleum from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated on Wednesdays

Weekly Petroleum Status Report from EIA

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 1:00 pm on Wednesdays

Natural Gas Weekly Update from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 pm on Thursdays

Infrastructure Security and Energy Restoration Website from ISER/OE/DOE

<http://www.oe.netl.doe.gov>

Updated after 5:00 pm (Mon. thru Fri.) with latest Energy Assurance Daily; previous Energy Assurance Daily and emergency situation reports are also posted on the website.