

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



ENERGY ASSURANCE DAILY

December 22, 2005

Highlights/Major Developments

Update: Hundreds Still Without Power in Carolinas 1 Week After Ice Storm

Duke Power reported about 750 outages in Greenville County on Thursday morning and said scattered outages remained in Spartanburg County. But the Charlotte, N.C.-based utility said it hoped to have almost all the power restored by the end of Thursday.

http://www.tuscaloosaneews.com/apps/pbcs.dll/article?AID=/20051222/APN/512220809&cachetime=3&temp_late=dateline

<http://www.dukepower.com/environment/stormcentral/default.asp?promo=3>

Electricity

Horizon Wind Energy And RES Announce 200 MW Texas Project

Horizon Wind Energy, LLC and RES America Developments, Inc. have agreed to build the first 200 megawatt (MW) phase of the Cross Timbers Wind Farm in Shackelford County, Texas. Cross Timbers Wind Farm has been developed by RES over the last several years. RES will complete engineering of the project and will construct the wind farm in 2006.

Reuters 10:25, December 22, 2005

TXU's 750 MW Coal-fired Martin Lake Unit 1 in TX Shut December 21

The unit was shut Wednesday to repair a boiler tube leak and perform other maintenance. It is expected to restart on Friday.

Reuters 8:09, December 22, 2005

Entergy's 965 MW Unit 2 at its Indian Point Nuke In NY Reduced to 24%

Reuters 7:14, December 22, 2005

OPG's 490 MW Coal-fired Nanticoke 7 Unit in Ontario Shut Dec. 21

Reuters 14:53 December 22, 2005

Placer Cnt's 221 MW Middle Fork Hydro Unit Shut in Calif. Dec. 21

Reuters 14:53 December 22, 2005

Petroleum

Update: Shell Declares Force Majeure in Nigeria – More Than 300,000 b/d Affected

Shell has declared force majeure on some 322,000 b/d of Nigerian Bonnie Light production. Shell took the action, expected to last six days, as repair work begins on one of three pipelines attacked by a previously unknown militant group in Nigeria. Nigerian forces have been placed on high alert in the oil producing delta region of the country.

Reuters 13:00, December 22, 2005

Reuters 6:51, December 22, 2005

Natural Gas

Nothing to Report

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 12/22, onshore crude oil production in southern Louisiana has reached 122,421 barrels per day, or 60.26 percent of the region's capacity; natural gas production of 1,613.145 million cubic feet per day, or 72.18 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 12/22, 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

Federal Government to Fund Training Programs Designed to Help Ease Shortage of Oil and Gas workers

The Department of Labor will provide funding to develop a training program in an effort to ease the shortage of trained workers in the oil and gas industry. The program will be established in Wyoming where industry stakeholders have estimated that the at least 1,500 workers are needed just in Wyoming and 5,000 in the region.

http://pro.energycentral.com/professional/news/gas/news_article.cfm?id=6179695

Energy Prices

	Latest (12/22/05)	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate US \$/Barrel	58.03	60.01	44.05
NATURAL GAS Henry Hub \$/Million Btu	13.05	14.07	7.05

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.