

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



ENERGY ASSURANCE DAILY

December 19, 2005

Highlights/Major Developments

Large Outages Linger for Duke in South Carolina

Duke Power Co. says 182,200 customers are without power Monday morning after Thursday's ice storm, with two-thirds of those outages in the Greenville-Spartanburg, S.C., area. Duke says the ice storm interrupted power to 700,000 customers in its service territory, slightly more than the total following Hurricane Hugo in 1989. Power has been restored to most customers in the Charlotte region, with only scattered outages in outlying areas. There are 40,600 customers in North Carolina without power, while 141,600 S.C. customers lack service. Duke expects to restore power to most N.C. customers by late Monday night. But it projects S.C. customers will have to wait until Tuesday night to get service.

<http://biz.yahoo.com/bizj/051219/1204914.html?.v=2>

<http://www.news->

[record.com/apps/pbcs.dll/article?AID=/20051219/NEWSREC0101/51219014/1001/NEWSREC0201](http://www.news-record.com/apps/pbcs.dll/article?AID=/20051219/NEWSREC0101/51219014/1001/NEWSREC0201)

Electricity

Update: Southern's 1,149 MW Vogtle 2 Nuke in Georgia Up to 25 Percent Power

Southern's 1,149 megawatt Vogtle 2 nuclear unit in Georgia was at 25 percent power early Monday after exiting a brief outage. The unit was shut on Dec. 9 to fix a pinhole leak in the reactor coolant system. The leak was on a weld on a heat removal system.

Reuters, 07:33 December 19, 2005

Update: Wisconsin Energy's 512 MW Point Beach 1 Nuke in Wisconsin Back at Full Power

Wisconsin Energy's 512 megawatt Point Beach 1 nuclear unit in Wisconsin was back at full power early Monday, up from just 28 percent of capacity early Friday. The unit shut on Dec. 13 due to the failure of a circulating water pump that affected the condenser vacuum.

Reuters, 07:38 December 19, 2005

Duke's 1,100 MW McGuire 1 Nuke in North Carolina Slips to 49 Percent Power

Duke Energy's 1,100 megawatt McGuire 1 nuclear unit in North Carolina was at 49 percent power early Monday. The unit had been operating at reduced power after an automatic reactor trip on Saturday due to a failed feedwater channel.

Reuters, 07:55 December 19, 2005

AES' 498 MW Alamitos 5 Gas-fired Unit in California Curtailed December 18

AES Corp.'s 498 megawatt Alamitos 5 natural gas-fired power unit in California was curtailed by 248 megawatts by late Sunday for unplanned work.
Reuters, December 19, 2005

Update: Authorities Investigate Missouri Reservoir Collapse

Authorities are continuing to investigate the cause of the reservoir rupture in Reynolds County, MO that caused AmerenUE's 440 MW Taum Sauk Hydro unit to shut December 14. AmerenUE said pump instruments might have failed and caused the 55-acre reservoir basin to overflow. When water ran over the top, it eroded the outside wall and caused it to loosen and then buckle, Ameren officials theorize. State regulators at Department of Natural Resources were "shocked" Wednesday when they discovered that the section of the reservoir that collapsed appeared to consist entirely of soil and smaller rock instead of the granite they had assumed it was made of. FERC inspectors examined building material of the fallen wall but said it was too early to comment on their findings. The FBI is also conducting an investigation to determine whether the failure of the dam and the computer-operated equipment was an accident or intentional.

AP, December 17, 2005

<http://www.mydjconnection.com/articles/2005/12/17/community/news2.txt>

CEC Approves Second Power Plant in Blythe, CA

A second generating plant at the California-Arizona border in Blythe, CA, a 520 MW natural gas-fired unit, was approved by the California Energy Commission (CEC) unanimously. Construction of the \$250 million facility is expected to take 20 months.

NGI's Power Market Today, December 16, 2005

http://pro.energycentral.com/professional/news/power/news_article.cfm?id=6170315
www.intelligencepress.com

Petroleum

Fire Shuts Crude Unit at Suncor Colorado Refinery

A fire shut a crude distillation unit at Suncor Energy Inc.'s refinery in Commerce City. Suncor Energy said on Monday that the 30,000 barrels per day sweet crude unit at the refinery should return early next week.

Reuters, 17:12 December 18, 2005

Reuters, 14:22 December 19, 2005

Natural Gas

Update: Cheniere Energy Receives FERC Clearance to Build LNG Terminal in Texas

Cheniere Energy Inc. has received FERC clearance to start building a 2.6 bcf/d LNG receiving terminal near Corpus Christi, Texas. The proposed Creole Trail LNG receiving terminal will be equipped with two unloading docks capable of handling up to 250,000 cubic meter vessels, four 160,000 cubic meter tanks with LNG storage capacity of 13.5 billion cubic feet (Bcf) equivalent and the ability to process 3.3 Bcf/day of natural gas.

http://pro.energycentral.com/professional/news/power/news_printer_friendly.cfm?id=6168515

Oklahoma Company States Intent with FERC to Develop LNG Terminal in Maine

Quoddy Bay LLC has filed papers with the Federal Energy Regulatory Commission stating its intent to develop a liquefied natural gas terminal on Passamaquoddy tribal land in eastern Maine. In its filing with FERC, Quoddy Bay said it is seeking to begin construction in 2007 and to be in operation in 2010.

http://pro.energycentral.com/professional/news/gas/news_article.cfm?id=6169558

Update: Workers Attach Pipe to Well Causing Gas Releases in Oklahoma

State experts believe a well drilled by Chesapeake Energy Corp. 12 miles west of Okarche hit a major flow of natural gas Dec. 9 and that the gas then escaped out the side of the hole and traveled, possibly through an underground fissure or fault line, several miles before surfacing. Workers attached a pipeline to the well Friday and began removing gas. Over a period of days, this should reduce gas pressure in the area and end the natural gas releases, one of which is about a mile from the town of Kingfisher.

http://pro.energycentral.com/professional/news/gas/news_article.cfm?id=6168971

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>.

Tennessee Gas Pipeline Says Yscloskey Gas Plant Work Done Soon

El Paso Corp. unit Tennessee Gas Pipeline Co. said on Friday that restoration work at the Yscloskey natural gas processing plant in southeast Louisiana is expected to be completed the week of Dec. 18.

Reuters, 16:41, December 16, 2005

<http://tebb.epenergy.com/ebb/ebbmain.asp?sPipelineCode=TGP>

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)	2.014 20.14% (12/19/05)
Oil (bbls/day)	1,410,002 94.00% (High- 9/16/04)	1,564,679 100.00% (High-9/26/05)	414,495 27.63% (12/19/05)

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 19, 2005.

Gulf Coast Shut-in Production Cumulative

Katrina/ Rita vs. Ivan

	Ivan	Katrina/ Rita
Cumulative	9/13/04 - 02/14/05	8/26/05 – 12/19/05
Gas (BCF)	172.259	541.092
Oil (bbls)	43,841,245	104,648,778

Source: U.S. MMS, December 19, 2005.

Louisiana In-State Daily Production and Pipeline Update

According to the Louisiana Department of Natural Resources on 12/19, onshore crude oil production in southern Louisiana has reached 120,818 barrels per day, or 59.5 percent of the region's capacity; natural gas production of 1,594.6 million cubic feet per day, or 71.4 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 12/19, 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 (12/19/05)	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate US \$/Barrel	57.31	61.36	46.31
NATURAL GAS Henry Hub \$/Million Btu	13.73	14.82	7.26

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.