



ENERGY ASSURANCE DAILY

Monday, May 21, 2007

Electricity

‘Secure Super Grids’ to be Constructed in Con Edison’s New York City Network

American Superconductor Corporation announced today that it has signed a contract with Consolidated Edison, Inc. to develop and deploy new high temperature superconductor (HTS) power grid technology in Con Edison’s power delivery network in New York City. The Department of Homeland Security is expected to invest up to \$25 million in the development of this technology to enable “Secure Super Grids” in the United States. Secure Super Grids utilize customized HTS wires, HTS power cables and ancillary controls to deliver more power through the grid while also being able to suppress power surges that can disrupt service. The deployment of a commercial high-capacity, surge-suppressing HTS cable system in New York City is projected for completion in three years, concurrent with Con Edison’s “System of the Future” grid enhancement plans. “The Department of Energy believes HTS technology is vitally important to the modernization of the nation’s power grid,” said Kevin Kolevar, Director of the Office of Electricity Delivery and Energy Reliability.

Project Hydra: <http://www.amsc.com/products/hydra.cfm>
http://phx.corporate-ir.net/phoenix.zhtml?c=86422&p=irol-newsArticle_Print&ID=1004590&highlight=

Southern Californians Debate DOE’s Southwest Draft Transmission Corridor in San Diego

Draft Southwest Corridor Map: <http://nietc.anl.gov/documents/docs/DraftSouthwestCorridor.pdf>
<http://powermarketers.netcontentinc.net/newsreader.asp?ppa=8knpp%5E%5BmohnqllSTnk%216C%29bfem%5Ev>

Dynegy’s 510 MW Moss Landing Gas-fired Unit in California Shut May 20

Reuters, 11:54 May 21, 2007

AES’s 332 MW Alamosa Gas-fired Unit 3 in California Shut May 20

Reuters, 11:54 May 21, 2007

Sempra’s 318 MW Palomar Gas-fired Unit in California Shut May 20

Reuters, 11:54 May 21, 2007

Edison Mission Energy’s/Chevron’s 312 MW Sunrise Gas-fired Unit in California Shut May 20

Reuters, 11:54 May 21, 2007

Calpine’s 297 MW Los Medanos Gas-fired Unit in California Shut May 20

Reuters, 11:54 May 21, 2007

SCE’s 297 MW Mountainview Gas-fired Unit 4 in California Shut May 20

Reuters, 11:54 May 21, 2007

Inflation-Adjusted U.S. Gasoline Prices Reach Highest Level Ever

According to two different price surveys, inflation-adjusted gasoline prices in the United States are at their highest level ever, topping the previous record set in 1981 when the Iran-Iraq war disrupted global crude oil supplies. The Lundberg Survey reported on Sunday that U.S. gasoline prices had reach \$3.18 per gallon and a survey conducted by AAA found prices at nearly \$3.20 on Monday. Although crude oil prices have fallen over the last few weeks and crude oil in stocks is high in the United States, problems at several refineries have curbed gasoline output ahead of the summer driving season, leading to the recent upsurge in prices.

http://money.cnn.com/2007/05/21/news/economy/record_gas_monday/index.htm?cnn=yes

http://news.yahoo.com/s/ap/oil_prices;_ylt=AnhmoVhf01fHDLB9A1GiLrWAsnsA

Two Units Upset at Tesoro's 100,000 b/d Wilmington Refinery in California Over Weekend

The company said the upsets, which occurred in the fluidic catalytic cracking unit and another unidentified unit, were minor and did not affect refinery operations.

Reuters, 11:16 May 21, 2007

Update: FCC Unit Restarts at Toledo's 155,000 b/d Toledo Refinery in Ohio May 21

According to trade sources, BP began the restart process of its 52,000 b/d fluidic catalytic cracking (FCC) unit at its Toledo, Ohio refinery. The sources said that the unit would be at normal production levels by the end of the week.

The unit was shut on April 20 after it lost power.

Reuters, 12:59 May 21, 2007

Update: FCC Unit to Restart This Week at ConocoPhillips's 194,000 b/d Ponca City Refinery in Oklahoma

According to a company spokesman, the 24,000 b/d fluidic catalytic cracking (FCC) unit is expected to restart sometime this week after the unit was shut late on May 17 for "unplanned maintenance."

Reuters, 10:13 May 21, 2007

Update: Boiler Problems Keep Valero's 130,000 b/d Houston Refinery in Texas at Reduced Rates May 21

According to traders, the refinery, which suffered operational problems last week, is still running at reduced rates due to boiler problems. The traders said that the refinery is not expected to return to normal rates until the weekend. Last week the refinery reported losses of 64,000 b/d of gasoline and 44,000 b/d of distillates.

Reuters, 11:50 May 21, 2007

Update: Valero's McKee Refinery in Texas Running at 59 Percent of Capacity

The refinery, which shut after a fire in February, was running at 59 percent of normal production late last week. The refinery is expected to reach 88 percent of normal production by the end of June.

http://www.denverpost.com/ci_5933459?source=rss

Natural Gas

Williams Companies to Expand Arm of Transco Pipeline in Virginia

Williams Companies Inc. is planning to expand a short arm of their Transco Natural Gas pipeline system in Virginia by adding 21.1 miles of 42-inch pipeline in Campbell and Pittsylvania counties. The expansion project, which is expected to begin in June and last two to three months, will also involve replacing about 3.4 miles of pipeline in Fairfax County.

<http://powermarketers.net/contentinc.net/newsreader.asp?ppa=8knpp%5E%5BmohlmgoYTnk%216C%29bfem%5Ev>

California Governor Rejects BHP Billiton's Proposed Cabrillo Point Offshore LNG Terminal

Governor Schwarzenegger on Friday rejected the project on the basis that it failed to meet environmental standards. NGI's Daily Gas Price Index, May 21, 2007, <http://intelligencepress.com/>

Other News

Pacific Ethanol Magic Valley Starts Construction on 50 MGPY Idaho Fuel Ethanol Plant

Pacific Ethanol Magic Valley LLC has started construction on a new fuel ethanol plant that will be located in Burley, Idaho. When complete, the plant will have the capacity to produce 50 million gallons of ethanol per year. The plant is scheduled to be in operation by mid-2008.

http://www.marketwire.com/mw/release_html_b1?release_id=255249

http://www.pacificethanol.net/site/index.php/facilities/facilities_article/108/

Energy Prices

U.S. Oil and Gas Prices			
May 21, 2007			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	65.81	62.55	69.15
NATURAL GAS Henry Hub \$/Million Btu	7.66	7.85	5.79

Source: Reuters

Energy Notes

NRC Still Unsure of Cause of 2006 Shutdown at TVA's Brown's Ferry Nuke Unit in Alabama

<http://www.washingtonpost.com/wp-dyn/content/article/2007/05/17/AR2007051701853.html>

Assailants Break into Total's Unused Oil Well in Nigeria

http://money.cnn.com/2007/05/21/markets/oil.reut/index.htm?source=yahoo_quote

Russia Approves Oil Export Pipeline Expansion to Bypass Belarus via Baltic Sea

Reuters, 08:31 May 21, 2007

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/index.aspx>.

Please direct comments and questions to: ead@oe.netl.doe.gov