



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

ENERGY ASSURANCE DAILY

Wednesday Evening, November 10, 2010

Electricity

Update: Dominion's 917 MW North Anna Nuclear Unit 2 in Virginia at Full Power by November 10

The Nuclear Regulatory Commission reported that on the morning of November 9 the unit was operating at 85 percent.

Information derived from the NRC Power Reactor Status Reports:

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

Update: PSO to Restart 720 MW Oklaunion Coal-Fired Power Plant in Texas November 10-12

Public Service Co. of Oklahoma (PSO) expected to restart the unit on November 10-12, the company said in a filing with state regulators. The unit shut on November 4-6 due to a steam leak, according to a previous filing.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=146935>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=146930>

TransAlta Plans 800 MW Gas-Fired Expansion at Existing 2,126 MW Sundance Coal-Fired Power Plant in Alberta, Canada

TransAlta Corp. plans to construct an 800 MW gas-fired power plant next to its existing six-unit, 2,126 MW Sundance coal-fired power plant in Alberta, Canada, the company said on November 10.

<http://www.calgaryherald.com/TransAlta+build+megawatt+power+plant/3807545/story.html>

<http://www.transalta.com/facilities/plants-operation/sundance>

City Utilities to Dedicate 300 MW Southwest 2 Coal-Fired Power Plant in Springfield, Missouri November 10

City Utilities connected the plant to the grid on November 2, but the facility is not expected to begin commercial production until January 2011. The company has been burning natural gas during early testing, but plans to shift to coal next week.

<http://www.kspr.com/news/local/sns-ap-mo--newpowerplant.0.3879538.story>

Sempra Energy to Break Ground in 2012 on 200 MW Solar Power Project in California

Sempra Energy received approval yesterday from the Kern County Board of Supervisors to construct a 200 MW photovoltaic solar power plant – Rosamond Solar – in the Antelope Valley, California. The company expects to break ground on the facility in 2012, and complete the project in 2013.

http://public.sempra.com/newsreleases/viewPR.cfm?PR_ID=2545&Co_Short_Nm=SE

Petroleum

BP to Commence Production from FPSO at Skarv Oil-and-Gas Field Offshore Norway in Autumn of 2011 – Vessel to Process up to 80,000 b/d of Oil

BP Norway plans to install a floating production, storage, and offloading (FPSO) vessel at the Skarv oil-and-gas field in the Norwegian Sea offshore Norway, the company said on November 9. BP expects the FPSO to begin production in the autumn of 2011. The vessel can process 530 MMcf/d of natural gas and 80,000 b/d of oil.

<http://www.bp.com/genericarticle.do?categoryId=9003467&contentId=7066027>

Update: Deepwater Drilling Moratorium to Reduce U.S. Natural Gas Production by 90 Bcf in 2011: EIA

The government-imposed moratorium on deepwater drilling is expected to reduce natural gas production by 90 Bcf in the U.S. Gulf of Mexico during 2011, the Energy Information Administration (EIA) said in its Short-Term Energy Outlook on November 9. Hurricanes will also cut U.S. Gulf production by about 30 Bcf, according to EIA. Overall, EIA expects U.S. marketed natural gas production to fall by 1.2 percent in 2011, as a small increase in lower-48 production partially offsets the declines in the Gulf of Mexico.

<http://www.eia.doe.gov/emeu/steo/pub/contents.html>

U.S. Natural Gas Inventories Surge to Record 3.840 Tcf in Week Ended November 5: EIA

Natural gas for December delivery slid 2.7 percent on the New York Mercantile Exchange (NYMEX) after the Energy Information Administration (EIA) reported that U.S. natural gas inventories had risen to a record 3.840 trillion cubic feet (Tcf) during the week ended November 5.

<http://www.bloomberg.com/news/2010-11-10/natural-gas-futures-decline-in-new-yo9k-as-inventories-may-rise-to-record.html>

DJN, 12:13 November 10, 2010

Other News

WIB Releases Cyber Security Standard to Protect Critical Industrial Computer Systems from Cyber Attack

The International Instrument Users Association (WIB) yesterday released an updated version of the Process Control Domain Security Requirements for Vendors document – the first international standard that outlines a set of specific requirements focusing on cyber security best practices for suppliers of industrial automation and control system, according to the group. The group includes companies such as Shell, BP, and Saudi Aramco, as well as government agencies and product vendors.

<http://www.prnewswire.com/news-releases/cyber-security-standard-published-to-protect-global-critical-infrastructure-106988938.html>

Fuel Cell Electric Vehicles Ready for Commercial Scale-up: McKinsey & Company

Fuel cell electric vehicles (FCEVs) are ready for commercial scale-ups, and FCEVs and battery electric vehicles (BEVs) could be cost-competitive with internal combustion engines as early as 2020, McKinsey & Company say in a new report, "A Portfolio of Power-trains: A Fact Based Analysis."

<http://www.marketwire.com/press-release/Leading-US-Fuel-Cell-Hydrogen-Energy-Organization-Appraises-New-Study-on-Commercial-Viability-1350211.htm>

Energy Prices

U.S. Oil and Gas Prices			
November 10, 2010			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	87.68	84.30	78.09
NATURAL GAS Henry Hub \$/Million Btu	3.76	3.20	3.78

Source: Reuters

Update: EnviroMission Begins Regulatory Application Process in Bid to Construct 400 MW of Solar Tower Capacity in Arizona November 10

<http://www.prnewswire.com/news-releases/enviromission-takes-first-steps-in-arizona-solar-tower-regulatory-process-107027748.html>

Two Men Arrested for Allegedly Stealing Copper Wire from Unused, Former Electric Company-Owned Facility in Pauls Valley, Oklahoma November 5

<http://paulsvalleydailydemocrat.com/local/x967711203/Stakeout-nets-copper-theft-suspects>

Peco Energy's 1.6 Million Customers Have Cut Power Use by 419 Gigawatt Hours over Past Year – Company Says It is Ahead of Schedule to Meet State Law Requiring Utilities to Curb Consumption 3 Percent by 2013

http://www.philly.com/inquirer/business/20101110_Peco_ahead_of_schedule_on_conservation.html

LS Power Receives Permit from Georgia Environmental Protection Division for Proposed 1,200 MW Longleaf Coal-Fired Power Plant in Early County, Georgia November 8

http://www.wctv.tv/news/headlines/Coal-Fired_Plant_Causes_Stir_in_South_Georgia_106987964.html?ref=964
<http://www.lspower.com/projects.htm>

Chromium Spreads to Numerous Groundwater Wells near Hinkley, California – Local Water Board Orders PG&E to Perform Additional Tests

<http://losangeles.cbslocal.com/2010/11/09/toxic-plume-spreads-in-brockovich-calif-desert-town/>

State-Owned Petoro Says its Norwegian Oil-and-Gas Production Dipped to 810,000 Boe/d in Third Quarter of 2010, Compared to 910,000 Boe/d in Same Quarter of 2009

<http://af.reuters.com/article/energyOilNews/idAFLDE6A912V20101110>

Tax Clash Between Ugandan Government and Heritage Oil Forces Tullow to Halt Exploratory and Appraisal Drilling at Two Ugandan Oil Blocks By November 10

http://www.rigzone.com/news/article.asp?a_id=101113

Update: BlueFire Renewables Receives Final State Permits to Construct of 19 MMGal/Yr. Cellulosic Ethanol Facility in Fulton, Mississippi by November 10

<http://www.prnewswire.com/news-releases/bluefire-renewables-receives-final-permits-for-construction-of-its-first-commercial-cellulosic-ethanol-facility-in-fulton-mississippi-107028888.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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