



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

ENERGY ASSURANCE DAILY

Wednesday Evening, September 02, 2009

Electricity

Revolt Technology Plans Electric Car Battery Production Facility in Oregon

Revolt Technology expects to produce zinc-based electric car batteries at a manufacturing facility in Oregon, a news source reported. The company plans to seek \$30 million in research funding from the Department of Energy, according to the source.

<http://www.washingtonpost.com/wp-dyn/content/article/2009/09/01/AR2009090102040.html>

Duke Energy's 846 MW Oconee Nuke Unit 1 in South Carolina Shut by September 2

The unit shut due to a malfunctioning feed water valve on September 2, according to a spokeswoman. The outage was expected to be brief, she said. The Nuclear Regulatory Commission reported that on the morning of September 1 the unit was operating at 93 percent.

<http://www.greenvilleonline.com/article/20090902/NEWS01/90902005/1069/YOURUPSTATE01/Oconee-Nuclear-s-Unit-1-off-line-due-to-valve-issue>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

Duke's 325 MW Morro Bay Gas-fired Unit 4 in California Shut by September 1

According to the California Independent System Operator, the unit reported an unplanned outage by September 1.

<http://www.caiso.com/unitstatus/data/unitstatus200909011515.html>

Update: Energy Northwest's 1,107 MW Columbia Generating Station Nuke Unit in Washington Ramped Up to 24 Percent by September 2

The unit went offline due to a turbine trip and reactor scram on August 6, according to an earlier news source. The facility also sustained an "Unusual Event" due to "toxic gas from a switchgear fire in the turbine building," the Nuclear Regulatory Commission (NRC) said previously. The Nuclear Regulatory Commission reported that on the morning of September 1 the unit was operating at 12 percent.

Reuters, 07:46 September 1, 2009

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

Update: CWLP Expects to Begin Operations at 200 MW Dallman Coal-fired Unit 4 in Illinois by end of September

City Water, Light and Power (CWLP) expects to assume operations of the newly-built 200 MW Dallman coal-fired Unit 4 in Illinois by the end of this month, a company official said. The facility will employ technology to curtail carbon emissions, according to a news source.

<http://www.sj-r.com/homepage/x357700434/Final-testing-under-way-at-new-CWLP-electric-plant>

Austin Energy Launches Decade-Long Plan to Boost Renewable Energy Production in Texas

Austin Energy hopes to derive 37.6 percent of its power output from renewable energy by 2020, a company official said. The plan would involve 200 MW of new solar power, 50 MW of biomass-fired electricity, 200 MW of gas-fired power, and an unspecified quantity of new wind-powered generation. Austin Energy would also curtail production at the existing 1,690 MW Fayette coal-fired power facility by 40 percent, it said.

http://www.news8austin.com/content/your_news/default.asp?ArID=251247

FPL's NextEra Energy Resources Plans 250 MW Solar Plant in California

NextEra Energy Resources LLC, an FPL Group Inc. unit, plans to build a 250 MW solar power facility in California, a news source reported.

Bloomberg News, 13:01 September 2, 2009

Green River Energy Building 99 MW Spiritwood Coal-fired Power Plant and Planning Possible Biomass Ethanol Plant in North Dakota

<http://www.jamestownsun.com/event/article/id/93006/group/News/>

Petroleum

Update: DKRW Receives Approval to Delay by One Year Plans for 20,000 b/d Coal-to-Gasoline Medicine Bow Fuel and Power Plant in Wyoming

DKRW Energy received approval from Wyoming's Industrial Siting Council to begin construction in December 2010 on its Medicine Bow Fuel and Power Plant, a news source said. The company had originally planned to break ground in January 2010. The facility is slated to convert coal into carbon dioxide, a glassy slag, and 20,000 b/d of gasoline, according to the source.

<http://cbs4denver.com/wireapnews/2.billion.coal.2.1157935.html>

Offshore Oil Rigs Particularly Susceptible to Hackers, Think Tank Says

Offshore oil rigs are increasingly susceptible to cyber-attacks, a think tank says, as oil companies move to operate unmanned platforms from onshore sites. Hackers have yet to take full control of any unmanned platforms, but previous attacks have led to personnel injuries and output disruptions in the North Sea, according to the group.

http://www.foreignpolicy.com/articles/2009/08/25/the_new_threat_to_oil_supplies_hackers

Natural Gas

Nothing to report.

Other News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
September 2, 2009			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	68.19	70.83	108.57
NATURAL GAS Henry Hub \$/Million Btu	2.36	2.85	8.24

Source: Reuters

Car Hits Power Pole, Knocks Out Electricity to more than 10,000 Idaho Power Customers in Idaho September 1—Only 500 Remain in the Dark, as of Latest Reports

<http://www.idahopress.com/news/?2009-09-01-More-than-10000-lose-power-after-accident-disables-transmission-line>

<http://www.idahostatesman.com/1453/story/884919.html>

We Energies Plans 50 MW Wood-fired Power Plant in Wisconsin—Pending Approval, Company Expects to Open Facility by 2013

<http://www.jsonline.com/business/56637307.html>

Electric Transmission Texas Plans Nation's Largest Utility-Scale Battery—Company to Install 4 MW NAS Battery in Texas

<http://finance.yahoo.com/news/Electric-Transmission-Texas-prnews-3144012976.html?x=0&.v=1>

First Wind of Massachusetts Receives Stimulus Funds for Planned 57 MW Wind Farm in Maine

<http://www.bangordailynews.com/detail/118762.html>

BP Solar, EnergyNovo Plan 22 MW Solar Power Plant in New Mexico

<http://newmexicoindependent.com/35311/solar-plant-for-elephant-butte-area-announced>

Update: FutureGen, DOE Ink Preliminary Design Deal for Planned Coal-fired Power Plant in Illinois

http://www.southernillinoisan.com/articles/2009/09/02/front_page/29343745.txt

BP to Shut ARU for Unspecified Reasons at 467,720 b/d Texas City, Texas Refinery September 2-7

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=128835>

BP Reports “Giant” Oil Discovery in Gulf of Mexico—Industry Sources Say Site Could Hold 4 Billion Barrels of Oil

<http://www.guardian.co.uk/business/2009/sep/02/bp-oil-find-gulf-of-mexico>

<http://www.bp.com/genericarticle.do?categoryId=2012968&contentId=7055818>

TEPPCO Plans “Clifton Terminal” Fuel Storage Facility in Tennessee—Site to House Five 30,000-to-60,000 Barrel Storage Tanks

<http://www.decatourcountyonline.com/article.asp?art=1433>

Update: Judge Dismisses Tribal Lawsuit against Planned 450,000 b/d, Alberta, Canada-to-Wisconsin Alberta Clipper Oil Pipeline

<http://www.tradingmarkets.com/.site/news/Stock%20News/2506225/>

Update: Officials Investigating if Recent Hurricanes are Partly to Blame for July Leak along Shell's Eugene Oil Pipeline in Gulf of Mexico

<http://www.reuters.com/article/usDollarRpt/idUSN0155934620090901>

Nigerian Oil Production Reaches 2.3 Million b/d as Militant Threat Eases—Government Official

http://www.rigzone.com/news/article.asp?a_id=79923

Thieves Steal 27,000 Tons of Oil from Russian Caucasus Pipeline in 2008, Transneft Official Says

http://www.bloomberg.com/apps/news?pid=20601102&sid=aUx_l6Cs6M48

Hovensa Does not Plan to Idle 500,000 b/d St. Croix Refinery in U.S. Virgin Islands ahead of Tropical Storm Erika, Company Spokesman Says September 2

Reuters, 08:41 September 2, 2009

Arctic Ocean Could Contain about 200 Billion Barrels of Oil Equivalent, BP Says

Bloomberg News, 11:59 September 2, 2009

EQT Corp Plans to Triple Natural Gas Pipeline Capacity through Pittsburgh, Pennsylvania

http://www.downstreamtoday.com/news/article.aspx?a_id=17959

Unspecified Company Plans Cellulosic Ethanol Plant at Port of Othello in Washington

<http://ethanol-news.newslib.com/story/6938-33226/>

Update: FERC Upholds Conditional Approval of Planned Bradwood LNG Terminal in Oregon

<http://intelligencepress.com/>

Cat Engine Shutdown, Flaring at Keystone Gas Plant in Texas September 1

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=128888>

Turbine Shutdown at Goldsmith Gas Plant in Texas September 1

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=128882>

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>

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