



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

ENERGY ASSURANCE DAILY

Tuesday Evening, November 24, 2009

Electricity

Luminant to Shut 793 Martin Lake Coal-fired Unit 2 in Texas November 23-24

Luminant expected to shut the unit "to repair a boiler tube leak" from November 23-24, according to a filing with state regulators.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=132420>

Silicon Valley Power's 148 MW Donald Von Raesfeld Gas-fired Unit in California Shut by November 23

According to the California Independent System Operator, the unit reported an unplanned outage by November 23.

<http://www.caiso.com/unitstatus/data/unitstatus200911231515.html>

Exelon's 1,111 MW La Salle Nuke Unit 1 in Illinois at Full Power by November 24

The Nuclear Regulatory Commission reported that on the morning of November 23 the unit was operating at 91 percent.

Information derived from the NRC Power Reactor Status Reports:

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

Update: Luminant to Restart 793 MW Martin Lake Coal-fired Unit 3 in Texas November 24-25

The unit shut due to "the malfunction of the boiler water circulation pump" on November 23, Luminant said in a previous filing. Operators had been returning the unit from a separate outage, at the time of the incident, according to the filing.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=132359>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=132355>

FirstEnergy Declares Unusual Event at 923 MW Beaver Valley Nuke Unit 2 in Pennsylvania November 24

FirstEnergy declared an unusual event due to a leak in the reactor coolant system of its 923 MW Beaver Valley nuke unit 2 in Pennsylvania, the company said in a filing with the Nuclear Regulatory Commission (NRC) on November 24. Operators stopped the leak, and the company said the incident did not cause any radioactive releases. The unit was offline for planned work, at the time of the incident, according to a news source.

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

Reuters, 07:47 November 24, 2009

FirstEnergy Plans 268 MW Compressed Air Power Plant in Ohio

FirstEnergy plans to construct a 268 MW compressed air-based power plant in Norton, Ohio, and could eventually expand the site to generate as much as 2,700 MW of electricity, according to a company release. The facility, or "Norton Energy Storage Project," would compress air in an underground cavern during off-peak hours, and then release the air to generate power at times of higher electric demand. Its initial phase would involve two to four power units, and produce at least 268 MW of electricity.

<http://www.firstenergycorp.com/NewsReleases/2009-11-23%20Norton%20Project.pdf>

Golden Spread Electric Cooperative Plans 170 MW Gas-fired Power Plant in Texas

Golden Spread Electric Cooperative (GSEC) expects the facility to operate as a stabilizer to the area's wind-derived power, according to a project supplier. The company plans to open the facility in early 2011.

<http://www.wartsila.com/en.press.0..4869C9E9-D8CC-4D32-905A-F64E568086F1...htm>

PPL Electric Utilities Plans 69-kV, 11-to-12-Mile Electric Transmission Line in Pennsylvania

PPL Electric Utilities expects to construct a 69-kV, 11-to-12-mile electric transmission line and associated substation in Susquehanna Valley, Pennsylvania, the company said in a release. The line would connect two existing lines, though PPL Electric Utilities has not finalized the project's route. The company expects to break ground in the summer of 2011 and open the project in the fall of 2012.

<http://www.pplweb.com/newsroom/newsroom+quick+links/news+releases/Strengthening+electric+delivery+system+in+Susquehanna+Valley+112009.htm>

Petroleum

Husky Energy Reports Fire and Oil Spill at 146,200 b/d Lima, Ohio Refinery November 22—Incidents Occurred as Company Returned Facility from Planned Outage

A fire damaged an iso-cracker unit at Husky Energy's 146,200 b/d Lima, Ohio refinery on November 22, but operators continued to restart the facility—minus the affected iso-cracker—after more than one month of planned maintenance, multiple news sources reported on November 23-24. Separately at Lima, an oil tank “boiled over... splitting open the top” of a fixed roof tank and spilling an estimated 49,000 gallons of oil. That incident also occurred in November 22, but was not related to the fire. The company did not expect the spill to postpone its start-up plans.

<http://toledoblade.com/apps/pbcs.dll/article?AID=/20091123/BUSINESS01/911239983/-1/BUSINESS06>

Reuters, 10:05 November 24, 2009

Bloomberg News, 13:54 November 24, 2009

Bomb Attack Forces Shut 500,000 b/d Iraq-to-Turkey Oil Pipeline by November 21

A bomb attack forced shut the approximately 500,000 b/d Kirkuk, Iraq-to-Ceyhan, Turkey by November 21, and operators expected repair-work to stretch until as late as November 28, an Iraqi Oil Ministry official and news sources said. The assault occurred in Salahuddin province, Iraq. One vessel was waiting to load oil at the line's terminus, in Turkey, on November 24; the terminal had 1.9 million barrels of crude in storage, according to a news source.

<http://www.reuters.com/article/hotStocksNews/idUSGEE5AN1C420091124>

<http://www.reuters.com/article/GCA-Oil/idUSTRE5AN1SQ20091124>

<http://www.reuters.com/article/featuredCrisis/idUSGEE5AN1DM>

Natural Gas

Update: Spectra Energy Launches Open Season for Planned 500 MMcf/d Expansion along Gulf Coast-to-U.S. Northeast Natural Gas Pipeline System November 23-January 15

Spectra Energy launched a binding open season for a proposed 500 MMcf/d expansion along its Gulf Coast-to-U.S. Northeast Texas Eastern Transmission natural gas pipeline system, the company said in a November 23 release. The project, or "TEAM 2013," would deliver natural gas from Appalachia and the Marcellus Shale to the U.S. Northeast. It would enter service in late 2013, according to company estimates.

http://www.spectraenergy.com/news/releases/2009/nov/20091123_01.asp

Shell Boosts Niger Delta Natural Gas Production to Two-Year High by November 23

The Shell Petroleum Development Company (SPDC) increased its Niger Delta, Nigeria natural gas production to 512 MMcf/d, the company said on November 23. The figure, a two-year high, marked a sharp rise from its previously-reported 300 MMcf/d average.

http://rigzone.com/news/article.asp?a_id=82768

Other News

Renew Energy LLC Expects to Sell or Close 130 MMGal/Yr. Jefferson, Wisconsin Ethanol Plant by Early Next Year

Renew Energy LLC expects to either shut or sell its 130 MMGal/Yr. Jefferson, Wisconsin ethanol plant between December 11 and late-January, according to regulatory filings. The facility opened in 2007, but never ramped up to full capacity. Renew Energy declared bankruptcy in February 2009.

http://www.renewenergyllc.com/who_we_are_renew_jefferson.php

<http://www.wisconsinagconnection.com/story-state.php?Id=1402&yr=2009>

U.S. Energy Secretary Chu Announces \$620 Million for Smart Grid Demonstration and Energy Storage Projects

The U.S. Department of Energy (DOE) is awarding \$620 million, combined, to 32 Smart Grid demonstration and energy projects in the United States, according to a DOE release. The projects include large-scale energy storage, smart meters, distribution and transmission system monitoring devices, and a range of other smart technologies. Private-sector funds should add another \$1 billion to the investment total.

<http://www.energy.gov/news2009/8305.htm>

Energy Prices

U.S. Oil and Gas Prices			
November 24, 2009			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	74.13	79.14	53.71
NATURAL GAS Henry Hub \$/Million Btu	3.79	2.65	6.85

Source: Reuters

Energy Notes

NRG Energy Eyes Late 2009 Start Date for 21 MW Blythe Photovoltaic Solar Power Project in California

[http://phx.corporate-](http://phx.corporate-ir.net/External.File?item=UGFyZW50SUQ9MjE0NjN8Q2hpbGRJRD0tMXxUeXBIPtM=&t=1)

[ir.net/External.File?item=UGFyZW50SUQ9MjE0NjN8Q2hpbGRJRD0tMXxUeXBIPtM=&t=1](http://phx.corporate-ir.net/External.File?item=UGFyZW50SUQ9MjE0NjN8Q2hpbGRJRD0tMXxUeXBIPtM=&t=1)

Update: Employees Resume Normal Work after Radioactive Release at Exelon's 837 MW Three Mile Island Nuke Unit 1 in Pennsylvania November 21-22

<http://www.threemileislandinfo.com/news/detail.aspx?id=36>

<http://www.nrc.gov/reading-rm/doc-collections/news/2009/09-046.i.html>

Fibrowatt LLC Plans 55 MW Biomass-fired Power Plant in North Carolina

<http://www.prnewswire.com/news-releases/fibrowatt-llc-selects-fagen-inc-as-the-epc-contractor-for-up-to-three-biomass-fueled-power-projects-in-the-southeast-united-states-71831027.html>

Pirates Attack Monrovia-Flagged Cancale Star Oil Tanker Offshore Benin November 23-24—Captain Feared Dead

http://www.ptinews.com/news/391900_-Oil-tanker-attacked-by-pirates-off-west-Africa-

Husky Energy Finds Estimated 30-85 Million Barrel Oil Reservoir in White Rose Area Offshore Newfoundland, Canada by November 23

<http://www.huskyenergy.ca/news/newsrelease.asp?ID=247>

Newfoundland and Labrador Refining Corp. Seeks Buyer or Partner for Proposed 600,000 b/d Refinery in Newfoundland, Canada

<http://www.cbc.ca/canada/newfoundland-labrador/story/2009/11/24/nl-refinery-241109.html>

Ugandan Oil Production Could Reach about 150,000 b/d by 2015—Geologists

<http://in.reuters.com/article/oilRpt/idINGEE5AM0T420091124>

United Arab Emirates Plans February 2014 Start-Date for Oil and Oil Products Port in Ruwais, United Arab Emirates

http://www.downstreamtoday.com/news/article.aspx?a_id=19499

Power Failure Forces Shut all Units at West Waddell Compressor Station in Texas November 23—Company Restarts Affected Units within Hours

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=132432>

Operators to Shut SRU due to Sulfur Buildup at Belvan Midway Lane Gas Plant in Texas November 23-26

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=132294>

Truck Ruptures 4-inch Natural Gas Pipeline, Forces Local Evacuations in Tennessee November 20

http://www2.tricitie.com/tri/news/local/article/breaking_news_evacuation_ordered_for_neighborhoods_near_shoun_trucking_on_t/36143/

Union Pacific Petcoke and Chemicals Train Derails in Texas November 23, Spilling Much of Tow

Reuters, 13:36 November 23, 2009

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

Energy Assurance Daily provides a summary of public information concerning current energy issues. Published Monday through Friday to inform stakeholders of developments affecting energy systems, flows, and markets, it provides highlights of energy issues rather than a comprehensive coverage. *Energy Assurance Daily* is updated online Monday through Friday after 5:00 p.m. EST. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:
<http://www.oe.netl.doe.gov/ead.aspx>

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