



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

ENERGY ASSURANCE DAILY

Friday Evening, November 06, 2009

Electricity

Southern's 839 MW Farley Nuke Unit 2 in Alabama Shut November 5

The company shut the unit to repair a switchyard transformer on November 5, a spokeswoman said. She did not say when operators expected to complete the work. The Nuclear Regulatory Commission reported that on the morning of November 5 the unit was operating at full power.

<http://www.reuters.com/article/rbssUtilitiesElectric/idUSN0618977620091106>

Information also derived from the NRC Power Reactor Status Reports:

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

Update: Entergy's 951 MW Indian Point Nuke Unit 2 in New York Ramped Up to 52 Percent by November 6

The unit shut "due to a generator lock out relay actuation" on November 2, a news source said. The Nuclear Regulatory Commission reported that on the morning of November 5 the unit was operating at 14 percent.

<http://www.reuters.com/article/rbssIndustryMaterialsUtilitiesNews/idUSN0617404920091106>

Information also derived from the NRC Power Reactor Status Reports:

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

Update: FirstEnergy's 1,235 MW Perry Nuke Unit 1 in Ohio Ramped Up to 97 Percent by November 6

The unit shut due to a pump issue on October 16, a news source said. The Nuclear Regulatory Commission reported that on the morning of November 5 the unit was operating at 77 percent.

<http://www.reuters.com/article/rbssIndustryMaterialsUtilitiesNews/idUSN0454255720091104>

Information also derived from the NRC Power Reactor Status Reports:

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

Calpine's 593 MW Metcalf Energy Center Gas-fired Unit in California Reduced by November 5

According to the California Independent System Operator, the unit reported an unplanned curtailment of 313 MW on November 5.

<http://www.caiso.com/unitstatus/data/unitstatus200911051515.html>

PG&E's 407 MW Helms Pump-Gen Hydro Unit 1 in California Shut by November 5

According to the California Independent System Operator, the unit reported an unplanned outage on November 5.

<http://www.caiso.com/unitstatus/data/unitstatus200911051515.html>

PG&E's 407 MW Helms Pump-Gen Hydro Unit 2 in California Shut by November 5

According to the California Independent System Operator, the unit reported an unplanned outage on November 5.

<http://www.caiso.com/unitstatus/data/unitstatus200911051515.html>

PG&E's 404 MW Helms Pump-Gen Hydro Unit 3 in California Shut by November 5

According to the California Independent System Operator, the unit reported an unplanned outage on November 5.

<http://www.caiso.com/unitstatus/data/unitstatus200911051515.html>

NRC to Increase Oversight at Exelon's 641 MW Oyster Creek Nuclear Power Plant in New Jersey

The Nuclear Regulatory Commission (NRC) said it would increase oversight at Exelon's 641 MW Oyster Creek nuclear power plant in New Jersey after the facility experienced four unplanned shutdowns in one year, a news source said. The NRC downgraded the site's performance rating from "green" to "white," according to the source.
<http://www.app.com/article/20091103/OPINION01/911040317/1029/OPINION/Oyster+Creek+aging+badly>

Update: NRC Issues 20-Year License Renewals for FirstEnergy's Beaver Valley Nuclear Power Units 1 and 2 in Pennsylvania November 5

The Nuclear Regulatory Commission (NRC) renewed the operating licenses for FirstEnergy's two-unit, combined 1,846 MW Beaver Valley nuclear power plant in Pennsylvania, the NRC said in a November 5 release. The license for the site's 923 MW Unit 1 will expire on January 29, 2036; the license for the 923 MW Unit 2 will expire on May 27, 2047, according to the NRC.

<http://www.firstenergycorp.com/NewsReleases/2009-11-06%20Beaver%20Valley%20Receives%20Licence%20Renewal.pdf>
<http://www.nrc.gov/reading-rm/doc-collections/news/2009/09-182.html>

Horizon Wind Opens 99 MW Blue Canyon V Wind Farm in Oklahoma November 4

The facility spans 7,000 acres near Apache and Elgin, Oklahoma, according to a Horizon Wind Energy release.

<http://www.horizonwind.com/news/documents/Horizon%20Press%20Release-Horizon%20Wind%20Energy%20Dedicates%20Blue%20Canyon%20V%20Wind%20Farm.pdf>

Update: Grays Harbor Ocean Energy Abandons Plans for 100 MW Wind Farm Offshore Hawaii

The company cited regulatory changes in its decision.

<http://pacific.bizjournals.com/pacific/stories/2009/11/09/smallb1.html?b=1257742800%5E2403671>

Petroleum

Update: Sunoco Shuts all Processing Units at 145,000 b/d Eagle Point, New Jersey Refinery by November 5

Sunoco has shut all processing units at its 145,000 b/d Eagle Point, New Jersey refinery, and expects to bring the facility to "full mothball mode" by the end of 2009, it said on November 5. The company announced previously that it planned to indefinitely shut Eagle Point, citing market conditions. It said it expected to boost production at nearby refineries to compensate for the lost output.

<http://www.reuters.com/article/companyNewsAndPR/idUSN0515129620091105>
<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=131689>

ConocoPhillips Reports Brief Unit Shutdown at 247,000 b/d Sweeny, Texas Refinery November 4

ConocoPhillips shut and restarted a hydrogen purification unit compressor at its 247,000 b/d Sweeny, Texas refinery on November 4, the company said in a filing with state regulators. The incident had minimal impact to production, according to the filing

<http://online.wsj.com/article/BT-CO-20091105-726821.html>

Update: BP Postpones Hydrocracker Restart at 467,720 b/d Texas City, Texas Refinery November 5

BP postponed restarting a hydrocracker at its 467,720 b/d Texas City, Texas refinery on November 5, after reporting earlier in the day that it expected to restart the unit from November 5-12, according to filings with state regulators. The company expected to restart the unit within a few days, a source familiar with the facility's operations said on November 5.

<http://online.wsj.com/article/BT-CO-20091106-708698.html>
<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=131193>

Update: CSB Investigating November 4 Explosion at Silver Eagle's 10,250 b/d Woods Cross, Utah Refinery

The U.S. Chemical Safety Board (CSB) sent a six-member team to investigate a November 4 explosion at Silver Eagle Refining's 10,250 b/d Woods Cross, Utah refinery, a news source said. The explosion occurred in a diesel hydrotreater unit and caused damage to several nearby homes, according to local officials. It also forced offline at least two other local refineries, including Chevron's 45,000 b/d Salt Lake City, Utah facility, separate news sources said. Both affected facilities had resumed service, as of latest reports.

http://www.downstreamtoday.com/news/article.aspx?a_id=19127

<http://www.ogj.com/index/article-display/5806591586/articles/oil-gas-journal/processing-2/refining/2009/11/csb-to-investigate.html?cmpid=EnlDailyNovember52009>

Bloomberg News, 14:06 November 6, 1009

Update: Hovensa Restarting 150,000 b/d FCC at 500,000 b/d St. Croix, Virgin Islands Refinery by November 6

Hovensa completed repairs and began restarting a 150,000 b/d gasoline-producing fluid catalytic cracking unit (FCC) at its 500,000 b/d St. Croix, Virgin Island refinery by November 6, a company spokesman said. The unit shut for unplanned reasons on October 26, according to a news source.

<http://www.reuters.com/article/rbssEnergyNews/idUSN0618202520091106>

Murphy Runs 125,000 b/d Meraux, Louisiana Refinery and 35,000 b/d Superior, Wisconsin Refinery at Slightly Reduced Rates, Citing Market Conditions by November 5

<http://www.reuters.com/article/companyNewsAndPR/idUSN0513174220091105>

Alberta Oil Sands Output to Peak at 5.3 Million b/d in 2041, from 1.3 Million b/d in 2008—CERI

Alberta's oil sands production is expected to increase from 1.3 million b/d in 2008 to 1.7 million b/d by 2015, 2.5 million b/d by 2020, 4.5 million b/d by 2030 and 5.3 million b/d in 2041, according to the latest forecast from the Canadian Energy Research Institute (CERI).

http://www.ogj.com/index/article-display/5816332967/articles/oil-gas-journal/drilling-production-2/production-operations/unconventional-resources/2009/11/ceri-updates_oil_sands.html?cmpid=EnlDailyNovember52009

Natural Gas

Update: Rockies Express Pipeline Plans to Launch Service on Final Segment Next Week along 1,678-mile REX Natural Gas Pipeline

Rockies Express Pipeline (REX) filed with the Federal Energy Regulatory Commission (FERC) to start service next week along an Ohio portion of its REX natural gas pipeline project, a news source said. The section would mark the final leg of the planned 1,678-mile REX natural gas pipeline, designed to deliver gas from the Rocky Mountains to U.S. Midwest and U.S. East customers.

<http://intelligencepress.com/>

Other News

Denbury Completes 81-mile Delta CO2 Pipeline in Louisiana by November 5

Denbury completed its 81-mile Delta carbon dioxide (CO2) pipeline in Louisiana by November 5, and said it planned to begin injecting the pipe's CO2 into its Delhi oilfield, also in Louisiana, next week. The company expects to begin oil production at Delhi around mid-year 2010.

<http://phx.corporate-ir.net/phoenix.zhtml?c=72374&p=irol-newsArticle&ID=1351694&highlight=>

<http://www.denbury.com/CO2Assets.htm>

Companies Plan Multiple Renewable Energy Projects in Hawaii

The projects, as highlighted in a recent news source, include:

- Castle & Cooke's planned 200 MW, 12,800-acre wind farm on Lanai.
- First Wind's planned 200 MW wind farm on Molokai, 30 MW wind farm on Kahuku and 21 MW wind farm on Maui.
- Geoplasma's planned 80 MW waste-to-electricity plant on Oahu, Maui or the Big Island.
- Pacific West Energy's planned 20 MW biomass-fired power plant and ethanol refinery in Kauai. The facility would convert sugar bagasse and biomass crops into ethanol and electricity.
- Pacific West Energy's planned 15 MMGal/Yr. sugar-based ethanol plant in Kaunakakai.
- Semptra Generation's planned 22 MW wind farm on Maui. The company hopes to open the facility as soon as 2012.
- Waste to Energy's planned 20 MW trash-based power plant. The company has been working to secure a trash supplier since 2001.
- Diamond Head Renewable's planned pilot-sized waste-to-electricity and ethanol plant on Oahu. The company had originally expected the site to produce 5 MW of electricity and 12 MMGal/Yr. of ethanol, but sized down those plans for unspecified reasons.

<http://pacific.bizjournals.com/pacific/stories/2009/11/09/smallb1.html?b=1257742800%5E2403671>

Energy Prices

U.S. Oil and Gas Prices November 6, 2009			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	76.86	78.22	61.07
NATURAL GAS Henry Hub \$/Million Btu	4.30	4.11	7.04

Source: Reuters

Energy Notes

Winds Cut Power to At Least 21,000 BC Hydro Customers in British Columbia, Canada November 5

http://www.news1130.com/news/local/more.jsp?content=20091105_222738_11108

TransAlta Begins Operations at 66 MW Blue Trail Wind Farm in Alberta, Canada by November 6

DJN, 10:50 November 6, 2009

PGE Expects Electricity Demand to Grow 20 Percent by 2020 in its Oregon Service Territory.

http://www.portlandgeneral.com/our_company/news_issues/news/11_05_2009_pge_files_energy_resource_pla.aspx

Vega Promotion Systems Plans 5 MW Methane-Gas-to-Electricity Green Valley Project in Indiana

<http://www.prnewswire.com/news-releases/vega-redesigns-green-valley-project-to-increase-power-production-69306697.html>

Maryland Regulators Force Mount St. Mary's University to Shut Campus' Coal-fired Power Plant, Citing Emissions Concerns

<http://media.www.themountainecho.com/media/storage/paper565/news/2009/11/04/News/Mount.Forced.To.Shut.D.own.Coal.Plant-3822721.shtml#4>

Canadian Natural Resources Says Past, Ineffective Construction Standards Partly to Blame for Current Problems at Horizon Oil Sands Project in Alberta, Canada

<http://www.financialpost.com/markets/news-releases/story.html?id=2189628>

Contractor Falls, Dies at Husky Energy's Lima, Ohio Refinery by November 5

Bloomberg News, 17:03 November 5, 2009

Hydrogen Tank Explosion Temporarily Stalls Ag Processing Soybean Mill in Missouri November 6

Bloomberg News, 14:02 November 6, 2009

Process Upset Triggers Flaring at Shell's 329,800 b/d Deer Park, Texas Refinery November 6

Reuters, 08:12 November 6, 2009

Weather Forces Shut Mexico's Coatzacoalcos and Dos Bocas Oil Ports in Gulf of Mexico November 5

<http://in.reuters.com/article/oilRpt/idINN0514217020091105>

Two-inch Natural Gas Pipeline Ruptures, Forcing Evacuations in California November 4

http://www.contracostatimes.com/california/cj_13718964?nclick_check=1

Multiple Compressor Shutdowns at Waha Gas Plant in Texas November 5

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=131694>

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=131698>

Update: Poland Says Baltic-area Section of Planned Russia-to-Germany Nord Stream Natural Gas Pipeline Must Be Beneath Seabed

http://www.rigzone.com/news/article.asp?a_id=82178

Pratt & Whitney Rocketdyne Commission Compact Gasification Pilot Plant in Illinois November 5

<http://www.pw.utc.com/Media+Center/Press+Releases/Pratt+&+Whitney+Rocketdyne+Answers+Call+for+Clean-Coal+Technology+with+Commissioning+of+Compact+Gasification+Pilot+Plant>

Update: U.S. Producers Did Not Export Ethanol to Brazil During Briefly Profitable Stretch in Early October—Ethanol Producer Magazine

<http://ethanol-news.newslib.com/story/6938-33843/>

Worldwide Ethanol Supplies to Outpace Demand by 185 Million Gallons in 2010—F.O. Licht

<http://www.reuters.com/article/reutersEdge/idUSTRE5A22W820091103>

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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