



ENERGY ASSURANCE DAILY

Monday Evening, November 24, 2008

Electricity

Wind Cuts Power to 30,000 BC Hydro Customers in British Columbia November 21

Winds gusted more than 40 mph, knocking down power lines and cutting electricity to as many as 30,000 BC Hydro customers on November 21. About 1,800 customers are still without power as of 4:30 PM EST November 24.

<http://www.canada.com/theprovince/news/story.html?id=16ea5f72-b5cc-489c-a4d3-617d9d71ff74>

<http://www.bchydro.com/outages/orsTableView.jsp>

APS's 1,243 MW Palo Verde Nuke Unit 2 in Arizona Shut by November 22

The unit will be offline for several weeks due to a leak in the main electrical generator's cooling system, a spokeswoman said. Operators observed a slight hydrogen increase in the cooling system and began curtailing the unit on Friday. They shut the unit completely on Saturday. The Nuclear Regulatory Commission reported that on the morning of November 21 the unit was operating at full power.

Reuters, 13:01 November 24, 2008

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

SCE's 1,127 MW San Onofre Nuke Unit 3 in California May Have Restarted and Shut over Weekend

Southern California Edison (SCE) stalled the unit for refueling by October 15. It was expected back in early December, but the California ISO reported that it was curtailed by only 226 MW on Sunday afternoon. By Monday, however, the Nuclear Regulatory Commission (NRC) said the unit was completely offline. A news source was unable to contact spokespeople from NRC or SCE.

Reuters, 13:26 November 24, 2008

Southern's 856 MW Hatch Nuke Unit 1 in Georgia Shut by November 23

The company shut the unit after low reactor water level caused two recirculation pumps to trip, according to a Nuclear Regulatory Commission (NRC) report. The NRC said that on the morning of November 22 the unit was operating at full power.

Bloomberg News, 09:55 November 24, 2008

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

CDWR's 933 MW Hyatt-Thermalito Hydroelectric Unit in California Reduced by November 22

According to the California Independent System Operator, the unit experienced an unplanned curtailment of 695 MW by November 22.

<http://www.caiso.com/unitstatus/data/unitstatus200811221515.html>

Luminant Shuts, Plans Restart of 593 MW Monticello Coal-fired Unit 1 in Texas November 21-24

The company planned to shut the unit late October 21 to fix a boiler tube leak, it said in a filing with state regulators. It expected to restart the unit today, November 24, according to a separate filing.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=116964>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=116966>

Reuters, 10:06 November 24, 2008

Update: Southern's 1,149 MW Vogtle Nuke Unit 2 in Georgia Ramped Up to 94 Percent by November 24

Southern took the unit offline on November 15 to replace a reactor coolant seal, a news source said. The Nuclear Regulatory Commission reported that on the morning of November 23 the unit was operating at 57 percent.
Reuters, 08:49 November 24, 2008

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Update: Energy Northwest's 1,107 MW Columbia Generating Station Nuke Unit in Washington at Full Power by November 23

The company took the unit offline by November 15 to repair steam line valves. The Nuclear Regulatory Commission reported that on the morning of November 22 the unit was operating at 68 percent.
Reuters, 09:00 November 24, 2008

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

PPL's 1,105 MW Susquehanna Nuke Unit 1 in Pennsylvania at Full Power by November 24

The Nuclear Regulatory Commission reported that on the morning of November 23 the unit was operating at 71 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Duke Energy's 846 MW Oconee Nuke Unit 1 in South Carolina at Full Power by November 24

The Nuclear Regulatory Commission reported that on the morning of November 23 the unit was operating at 88 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Update: Southern's 830 MW Farley Nuke Unit 1 in Alabama at Full Power by November 22

The unit shut automatically "due to a low voltage indication in the switchyard" on November 19, a news source reported earlier. The Nuclear Regulatory Commission reported that on the morning of November 21 the unit was operating at 69 percent.

<http://www.forbes.com/afxnews/limited/feeds/afx/2008/11/21/afx5726028.html>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

FPL's 565 MW Duane Arnold Nuke Unit in Iowa Ramped Up to 98 Percent by November 24

The Nuclear Regulatory Commission reported that on the morning of November 23 the unit was operating at 78 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

AES's 495 MW Alamosa Gas-fired Unit 6 in California Ramps up by November 23

According to the California Independent System Operator, the unit ramped up from an unplanned curtailment of 345 MW.

<http://www.caiso.com/unitstatus/data/unitstatus200811231515.html>

Reliant's 246 MW Coolwater Gas-fired Unit 4 in California Ramps up by November 23

According to the California Independent System Operator, the unit ramped up from an unplanned curtailment of 121 MW.

<http://www.caiso.com/unitstatus/data/unitstatus200811231515.html>

Update: OPG's 490 MW Nanticoke Coal-fired Unit 3 in Ontario Back Online by November 24

The unit went offline by November 3. It was delivering about 360 MW of power to the grid, as of today.
Reuters, 10:29 November 24, 2008
Bloomberg News, 09:19 November 24, 2008

Petroleum

Update: Delek Says Most Critical Units Appear Unaffected after Fire at 60,000 b/d Tyler, Texas Refinery

The fire occurred in the general vicinity of the Saturates Gas Plant and the Naphtha Hydrotreater, and did not appear to affect the facility's critical refining units, Delek said in a press release. The November 20 incident killed one worker and forced a shutdown of the 60,000 b/d Tyler, Texas refinery. Delek had not yet determined the extent of the damage, as of November 21, but sources said earlier that the severely-damaged control room could preclude any immediate restart. The company said it would gradually shut parts of the refinery in stages over the coming days, as it sought to assess damage and investigate the incident. The refinery would remain offline during the review process, it said. Separately, the Occupational Safety and Health Administration (OSHA) board and the United Steel Workers (USW) union said they would investigate the explosion. The deceased worker was a USW member.
<http://phx.corporate-ir.net/phoenix.zhtml?c=196835&p=irol-newsArticle&ID=1229272&highlight=>
http://www.downstreamtoday.com/News/Articles/200811/OSHA_USW_Launch_Investigation_Into_Fata_13906.aspx

Reuters, 18:56 November 21, 2008

Explosion Shuts 400,000 b/d Iraq-to-Turkey Oil Pipeline November 21 Kurdish Rebel Group Claims Responsibility for Assault

An explosion caused a fire and shut the Kirkuk, Iraq-to-Ceyhan, Turkey oil pipeline on November 21, multiple sources reported. The attack—staged about 50 miles from the Iraqi border—was the work of the Kurdistan Workers Party (PKK), a separatist group responsible for other, similar assaults. Responders controlled the fire on Friday, but it was not extinguished until Sunday. Reports conflicted as to the progress of restoration and the specific timeline for the pipeline's restart. A Turkish Energy Ministry source said today that oil was moving along a parallel line. Regardless, Iraq did not expect the incident to impact exports from Turkey—storage at Ceyhan would be enough to compensate for lost deliveries, in the interim, officials said. The affected 46-inch pipeline has a capacity of about 150,000 b/d.

<http://www.google.com/hostednews/afp/article/ALeqM5jxcKmjvrNDe7JZOITTkqdIkLGoEQ>
<http://www.google.com/hostednews/ap/article/ALeqM5jmfMEgpL7-nlWcozLSq77FZaR3PwD94L6CFO0>
<http://www.cbc.ca/world/story/2008/11/23/turkey-oil.html>

Reuters, 05:35 November 24, 2008

Reuters, 11:25 November 22, 2008

Bloomberg News, 11:00 November 24, 2008

BP Restarting Gasoline-Producing Ultracracker at 467,720 b/d Texas City, Texas Refinery November 23-27

A hydrogen compressor trip forced offline the ultracracker on November 22, BP said in a filing with state regulators. In a separate filing, BP said it planned to restart the unit from November 23-27. In a third filing, BP said its resid hydro-treating unit would restart its 200 train over the weekend, following a November 15 unscheduled shutdown.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=116984>
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=116986>
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=116918>

Reuters, 16:10 November 23, 2008

Bloomberg News, 21:36 November 24, 2008

Valero Says Rates Back to Normal after Brief Hitch at 289,000 b/d Port Arthur, Texas Refinery

A valve problem triggered a malfunction at a 100,000 b/d coker unit over the weekend, but operators repaired the hitch and returned the unit to normal service, a company spokesman said. A separate weekend incident with a Saturated Gas Recovery Unit did not affect production, the spokesman said.

DJN, 11:57 November 24, 2008

Reuters, 10:20 November 24, 2008

Update: Crude Unit Resumes Normal Rates at Tesoro's 97,000 b/d Wilmington, California Refinery by November 24

An upset slowed rates last week, but the unit has returned to normal operations, a spokeswoman said. Separately, the company said it spilled some light gasoil, "due possibly to a blown gasket," on November 23, according to a filing with state regulators.

Bloomberg News, 12:38 November 24, 2008

Bloomberg News, 21:46 November 23, 2008

Bad Weather Cuts Crude Exports from Basra Terminal, Iraq

Weather reduced exports from 1.54 million b/d on November 22 to 960,000 b/d on November 23, an oil shipper said. A South Oil Company official said weather had affected shipments, but did not offer specific figures. About 75 percent of Iraqi oil exports move out through the port of Basra.

Reuters, 03:45 November 23, 2008

Update: BP's 240,000 b/d Plutonio Oilfield in Angola at Reduced Rates, in Line with OPEC Quota Cut

The field, which restarted after a mid-October shutdown, is pumping at 200,000 b/d, a BP official said. That figure is in line with OPEC's October 24 decision to slash output by 1.5 million b/d. Under that quota, Angola agreed to curtail 99,000 b/d of production. An Angolan official said the nation was performing that reduction in two stages, in November and December.

http://www.rigzone.com/news/article.asp?a_id=69902

Saudi Aramco Abandons Plans to Produce 100,000 b/d at Dammam Oilfield in Saudi Arabia

Saudi Aramco had planned to upgrade the aging field, first brought on-stream in 1938, to produce 100,000 b/d of oil. Sources cited lagging oil prices in the company's decision.

http://www.rigzone.com/news/article.asp?a_id=69907

StatoilHydro to Develop 176 Million Barrel Tyrihans Oilfield in Norwegian Sea

The field contains 176 million barrels of oil and about 1 trillion cubic feet natural gas. The company plans to install injection pumps and boost production by 10 percent. It is set to come online in 2009.

http://www.rigzone.com/news/article.asp?a_id=69854

Natural Gas

Clean Energy Fuels Opens 160,000 Gallon/Day LNG Plant in California

Clean Energy Fuels Corp. opened its Boron, California liquefied natural gas (LNG) production plant, the company said in a news release. It is the biggest such plant in the Southwest, and the first large-scale LNG facility in California. The plant is designed to boost output, in accordance with demand, to 240,000 gallons/day. It also contains a 1.8 million gallon LNG storage tank.

BSW, 08:00 November 24, 2008

<http://www.cleanenergyfuels.com/CaliLNGplant.html>

Shale Deposits Could Account for 25 Percent of U.S. Natural Gas Production in Ten Years—NGSA

Shale deposits could account for 20 Bcf/d of natural gas production over the next 10 years, more than twice the current 6-8 Bcf/d, said a Natural Gas Supply Association (NGSA) official. That figure would be about 25 percent of the nation's gas output, up from the current 10-12 percent.

http://www.rigzone.com/news/article.asp?a_id=69898

Other News

U.S. Intelligence Report Forecasts Potential Energy, Commodity Conflict in 2025

Emerging-market demand and production limitations could cause commodity shortages—including energy—and trigger a global conflict over limited resources by 2025, according to a report from the U.S. National Intelligence Council. The Global Trends 2025 report says: “The significant growth in demand from emerging markets, combined with constraints on new production – such as the control exerted now by state-run companies in the global energy market – limits the likelihood that market forces alone will rectify the supply-and-demand imbalance.”

The report can be found here: http://www.dni.gov/nic/NIC_2025_project.html
<http://www.platts.com/Oil/News/6023443.xml?p=Oil/News&sub=Oil>

Louisiana Energy Services Expands Plans for Nuclear Fuel Plant on New Mexico-Texas Border

Louisiana Energy Services expects the facility to satisfy 50 percent of U.S. uranium demand in 2018. That figure is far larger than the 25 percent it anticipates the plant to supply when it first opens, in 2012.

<http://www.individual.com/story.php?story=92382964>

Energy Prices

U.S. Oil and Gas Prices			
November 24, 2008			
	Today	Week Ago	Year Ago
CRUDE OIL			
West Texas Intermediate U.S.	53.71	56.11	98.23
\$/Barrel			
NATURAL GAS			
Henry Hub	6.85	6.33	6.81
\$/Million Btu			

Source: Reuters

Energy Notes

Storm Cuts Power to 10,000 Nova Scotia Power Customers, 1,200 NB Power Customers in Canada November 21-22

<http://timestranscript.canadaeast.com/news/article/490406>

http://www.ctv.ca/servlet/ArticleNews/story/CTVNews/20081122/heavy_snowfall_081112/20081122?hub=CTVNewsAt11

Update: Environmental Coalition Files Objections with NRC to UniStar Nuclear Energy's Planned Third Nuclear Reactor at Calvert Cliffs Power Plant in Maryland

http://www.washingtonpost.com/wp-dyn/content/article/2008/11/20/AR2008112003596.html?nav=rss_metro

Babcock & Brown Subsidiary Plans 102 MW Hatchet Ridge Wind Farm in California PG&E to Purchase Power from Farm, Expects First Deliveries at End of 2009

http://www.hatchetridgewind.com/about_hatchet.html

http://news.prnewswire.com/DisplayReleaseContent.aspx?ACCT=ind_focus.story&STORY=/www/story/11-21-2008/0004930894&EDATE=

Nevada Power Company Plans 50 MW Faulkner 1 Geothermal Power Plant in Nevada—to Enter Service by End of 2009

MKW, 09:16 November 24, 2008

Update: Sirens Pass Third Straight Test at Entergy Nuclear's 2,311 MW Indian Point Nuclear Power Plant in New York

http://pro.energycentral.com/professional/news/power/news_article.cfm?id=11522665

Department of Energy Renews 30 Percent Federal Solar Tax Credit through 2016

http://www.nola.com/business/index.ssf/2008/11/extension_of_federal_solar_tax.html

State of Oregon, Portland General Electric and Nissan Motor Co. Strike Deal to Develop Electric Car Industry

http://www.oregonlive.com/opinion/index.ssf/2008/11/the_new_oregon_trail_pioneerin.html

Unit Upset Causes Increased Pressures, Flaring at Valero's 289,000 b/d Port Arthur, Texas Refinery November 22

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=116983>

Control Valve Malfunction Triggers Flaring at Valero's 142,000 b/d Corpus Christi, Texas Refinery November 21

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=116941>

Equipment Failure at East Waddell Compressor Station in Texas November 23

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=116985>

Tilden Gas Plant Reports Systems Failures in Texas November 22-23

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=116988>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=116974>

High Pressure Causes Flaring at Ratliff Booster Station in Texas November 21

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=116958>

Canada-Nova Scotia Offshore Petroleum Board Seeks Bids for 1.3 Tcf-to-4.1 Tcf Big Tancook Natural Gas Structure and 2.0 Tcf-to-5.9 Tcf Big Thrum Natural Gas Structure Offshore Sable Island, Canada

http://www.rigzone.com/news/article.asp?a_id=69860

Valero to Perform Maintenance on Butamer Unit at 142,000 b/d Corpus Christi, Texas Refinery November 24-26—Will not Affect Production, Spokesman Says

DJN, 11:56 November 24, 2008

Despite Push Toward Flex-Fuel Vehicles, Government's Alternative Fuel Cars Still Consume Mostly Gasoline

<http://www.washingtonpost.com/wp-dyn/content/article/2008/11/22/AR2008112200886.html>

Update: Minnesota Public Utilities Commission to Consider Enbridge's Proposed 450,000-to-800,000 b/d, 1,000-mile, Alberta-to-Wisconsin Alberta Clipper Oil Pipeline—November 25 Meeting Scheduled

<http://www.enbridge-expansion.com/expansion/main.aspx?id=1218&tmi=292&tmt=4>

<http://www.google.com/hostednews/canadianpress/article/ALeqM5hn8HirwGIVqVoHQrkvapPWkFning>

Update: Baard Energy Receives Permits from Ohio EPA, U.S. Army Corps of Engineers for Proposed 53,000 b/d Coal-to-Liquids Plant in Ohio

Reuters, 15:31 November 21, 2008

Update: Mexican Oil Production Dips 8.7 Percent in October 2008, Year-on-Year, to a Total 2.76 Million b/d

http://www.rigzone.com/news/article.asp?a_id=69904

**Iraqi Oil Exports Jump from 1.64 Million b/d in September to 1.7 Million b/d in October—
Figure is Still Well Below Earlier-2008 Highs**

Reuters, 05:32 November 23, 2008

**Iraqi Oil Minister, Kurdistan Officials Agree to Connect Kurdish Oilfields to Iraqi Export
Pipeline**

Reuters, 13:08 November 24, 2008

**Nigerian Militants Threaten to Assault Chevron O&G Facilities, Unless Officials Relieve
Regional Military Commander**

Reuters, 08:09 November 24, 2008

Pemex Eyes Possible 27 Percent Increase to Exploration Budget in 2009

Bloomberg News, 14:16 November 24, 2008

**Update: Amid Piracy Concerns, Frontline Says in Talks with “a Few” Oil Companies
about Avoiding Shipments through Suez Canal**

Bloomberg News, 08:17 November 24, 2008

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