



ENERGY ASSURANCE DAILY

Wednesday Evening, November 23, 2011

The next issue of Energy Assurance Daily will be published on November 28

Electricity

More Than 40,000 Customers in Northeast Lost Power in Snow Storm That Moved Through November 23

A winter storm made its way through the northeast early Wednesday morning, knocking out power to more than 40,000 customers in Maine, New Hampshire, New York, and Vermont. In New Hampshire, more than 20,300 customers were without power at the peak of the storm. Public Service of New Hampshire reported that more than 7,000 customers were without power at the peak. As of 11:30, less than 6,000 were still affected. Approximately 10,300 customers of New Hampshire Electric Co-op were out of power on Wednesday morning. By 11:30 a.m., the number of customers without power had been reduced to 6,251. National Grid reported that 108 New Hampshire customers remained without power by 11:30 a.m. In New York, National Grid reported that approximately 1,400 customers were without power in Saratoga at the peak, with power restored to the majority of customers by 9:00 a.m. Approximately 12,000 Central Vermont Public Service customers were without power in Vermont at the peak. At noon, 4,237 remained without power. In Maine, Bangor Hydro Electric Co. reported that 669 meters were affected by the storm Wednesday morning, and Central Maine Power Co. said a peak of 14,200 customers were affected by the storm, with 9,854 still without power at noon.

<http://www.wmur.com/r/29840982/detail.html>

http://livewire.wmur.com/Event/Thousands_Lose_Power_In_Snow_Storm?Article=0

<http://www.unitil.com/outage-center/outage-updates>

<https://www.nationalgridus.com/granitestate/index.asp>

<http://www.bangorhydro.com/index.cfm>

<http://www.cmpco.com/>

<http://www.sunjournal.com/news/approved/0001/11/30/snow-blankets-maine-just-time-holiday-travel-parts-could-see-9-inches/11195>

http://www.manchesterjournal.com/ci_19395301

<http://www.cvps.com/Customerservice/outages/>

PowerBridge's Subsea Cable Project Starting Soon will Provide Alternative Supply of 660 MW of Electricity to New York City

The \$850 million project being developed by Hudson Transmission will lay cable entirely underground or underwater from Ridgefield, New Jersey, to the PJM system at a substation owned by Public Service Enterprise Group. It is scheduled for completion in summer of 2013. PowerBridge is also developing another transmission line, the \$900 million 1,000 MW West Point power line project. This line would run under the Hudson River for 90 miles from Albany to Indian Point and allow New York City to access electricity in Upstate New York. This line is thought to be able to replace Entergy's 2,065 MW Indian nuclear power plant as a source of electricity for New York City. Governor Cuomo has said he wants Indian Point shut down for fear of an accident like the Fukushima nuclear accident in Japan in March.

Reuters, 15:50 November 22, 2011

<http://powerbridge.us/our-projects/>

Update: Dominion's 903 MW North Anna Nuclear Unit 2 in Virginia Ramped Up to 29 Percent by November 23

The Nuclear Regulatory Commission reported that on the morning of November 22 the unit was operating at 7 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

Dominion's 1,130 MW Millstone Nuclear Unit 3 in Connecticut Ramped Up to 25 Percent by November 23

The Nuclear Regulatory Commission reported that on the morning of November 22 the unit was not operating.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

Entergy's 836 MW Nuclear Unit 1 in Arkansas Ramped Up to 47 Percent by November 23

The Nuclear Regulatory Commission reported that on the morning of November 22 the unit was operating at 12 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

Update: Watson Cogeneration's 417 MW Watson Gas-Fired Unit in California Returns to Service by November 22

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment of 222 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201111221515.html>

Ace Cogeneration's 118 MW Coal-fired Unit in California Shut by November 22

According to the California Independent System Operator, the unit reported an unplanned outage on November 22.

<http://content.aiso.com/unitstatus/data/unitstatus201111221515.html>

Petroleum

Kinder Morgan Trans Mountain Pipeline in Alberta, Canada Overbooked by Shippers in December

Kinder Morgan said November 23 that its Trans Mountain Pipeline, transporting crude oil from Alberta to Vancouver, was overbooked by shippers in December by a factor of three times its capacity. Kinder Morgan indicated that it will ship 229,000 b/d on the main line, 116,000 b/d to Washington state refineries and 40,000 b/d to the Westridge dock at the Port in Vancouver, B.C.

Reuters, 10:53 November 23, 2011

Motiva Reports Flange Leak at its 234,700 b/d Norco, Louisiana Refinery November 23

According to a filing with the U.S. National Response Center, equipment failure caused a flange leak, which led to a release of an unknown amount of hydrogen sulfide on Tuesday evening.

Reuters, 7:23 November 23, 2011

http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=996303

Loss of Power Leads to Brief Shut-In at Enbridge's Henderson Gas Processing Plant in Texas November 22

The plant experienced a loss of provided utility power resulting in the loss of the air assist blower motor for the processor flare. The plant shut-in inlet gas and set the plant to by-pass. Power was restored and the plant was brought back on line as quickly as possible.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=162039>

ConocoPhillips Reported a Unit Shut Down at Its 247,000 b/d Refinery in Sweeny Texas November 23

ConocoPhillips reported a cogeneration unit shut due to an upset at its 247,000 b/d refinery in Sweeny Texas, on November 22, according to a filing with the U.S. National Response Center. The filing indicated that the units would be brought back online Wednesday.

http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=996195

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=162038>

ChevronPhillips Reported an Upset of Cogeneration Units at Its Old Ocean Petrochemical Facility in Texas November 23

Chevron reported a release of benzene, butadiene, and nitrous oxide from a flare stack due to a plant upset of the cogeneration units consisting of Chevron's chemical plant and ConocoPhillips 247,000 b/d oil refinery. According to the filing with the U.S. National Response Center, the units are shut down and an investigation is underway.

Reuters, 6:36 November 23, 2011

http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=996196

Motiva Enterprise Reported Flaring at Its 285,000 b/d Port Arthur Refinery in Texas November 22

According to a notice filed with the Texas Commission on Environmental Quality, Motiva's Port Arthur Refinery experienced a malfunction in a gasoline-producing fluidic catalytic cracking unit during the correction of a heat imbalance November 22. The unit began flaring to correct the over pressure.

<http://www.reuters.com/article/2011/11/22/refinery-operations-motiva-portarthur-idUSWEN110820111122>

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=162036>

Canadian Oil Sands Ltd. Reported Disruption at 105,000 b/d Syncrude Coker Unit November 23

Canadian Oil Sands announced that Syncrude experienced a process upset at its Coker 8-1 unit. Syncrude is investigating the cause of the incident and is working to restart production from the unit.

Reuters, 17:06 November 22, 2011

Natural Gas

SemGroup and Exterran Holdings Announce New 60 MMcf/d Gas Processing Plant in Mississippi Zone November 22

SemGas said it will join with Exterran Holdings to build a 60 MMcf/d gas processing plant in the Mississippi zone, a geologic formation stretching from northern Oklahoma to southern Kansas. The plant will feature state-of-art cryogenic technology for natural gas liquid extraction and enhanced ethane recovery.

<http://finance.yahoo.com/news/SemGroup-Exterran-Holdings-bw-2008103427.html?x=0&l=1>

http://www.tulsaworld.com/site/printerfriendlystory.aspx?articleid=20111123_49_E1_SemGro496832

Other News

Sundrop Fuels to Build 50 MMgal/y Biofuel Plant in Louisiana

Sundrop Fuels has selected a site for a 55 MMgal/y ethanol production plant near Alexandria, Louisiana. The plan will produce biofuel from forestry waste and hydrogen. It will gasify cellulosic feedstock and convert it into synthesis gas, which will then be used to produce cellulosic biofuel. Construction is scheduled to begin in 2012, with full operation to occur in 2014.

http://www.biofuels-news.com/industry_news.php?item_id=4307

http://www.denverpost.com/business/ci_19397810?source=rss

Energy Prices

U.S. Oil and Gas Prices			
November 23, 2011			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	95.74	101.65	83.00
NATURAL GAS Henry Hub \$/Million Btu	3.06	3.12	3.93

Source: Reuters

Energy Notes

Update: November 7 Chevron Oil Spill Off Coast of Rio de Janeiro Has Decreased in Size By More Than 80 Percent; Brazil to Fine Chevron Corp. \$28 Million

<http://www.winnipegfreepress.com/breakingnews/brazil-says-size-of-oil-spill-has-decreased-more-than-80-per-cent-134336063.html>

http://www.rigzone.com/news/article.asp?a_id=112807

Approximately 10,000 Puget Sound Energy Customers Lost Power Due to High Winds in Washington November 22

<http://www.peninsuladailynews.com/article/20111123/news/311239996/high-wind-watch-in-place-through-thanksgiving>

<http://www.southwhidbeyrecord.com/news/134357988.html>

Thousands of PSE&G Customers in New Jersey Lost Power Due to Heavy Rain November 22; By November 23 Majority Had Power Restored

http://www.nj.com/news/index.ssf/2011/11/bright_flashes_of_light_widesp.html

Links

This Week in Petroleum from the U.S. Energy Information Administration (EIA)

<http://www.eia.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM EDT every Wednesday.

Natural Gas Weekly Update from EIA

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EDT 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. EDT. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:

<http://www.oe.netl.doe.gov/ead.aspx>

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