



ENERGY ASSURANCE DAILY

Wednesday Evening, October 22, 2014

Electricity

Storms, Strong Winds Knock Out Power to Nearly 80,000 BC Hydro Customers in British Columbia October 21

Storms producing high winds hit British Columbia's south coast knocking out power to almost 80,000 BC Hydro customers Tuesday night. The hardest hit areas were Metro Vancouver, Vancouver Island and the Sunshine Coast with wind gusts of up to 55 mph were reported. As of 3:30 p.m. EDT today, 14,746 BC Hydro customers remained without power.

<http://www.theglobeandmail.com/news/british-columbia/hydro-customers-without-power-after-heavy-rain-strong-winds-lash-bc/article21217444/>

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

Union Power Cooperative Reports About 24,000 Customers without Power in North Carolina Due to Substation Outage October 21

Union Power Cooperative on Tuesday morning reported an outage affecting approximately 24,000 customers in central and western Union County and in parts of its service area in Mecklenburg County, North Carolina. The outage was due to a Duke Energy substation outage. On Wednesday Union Power reported that the outage had been resolved and power restored but warned that members could expect momentary interruption of power while the system is normalized.

[http://www.union-power.com/lefthandnav/newscenter/newsroom/14-10-](http://www.union-power.com/lefthandnav/newscenter/newsroom/14-10-22/Union_Power_Experiencing_Outage_in_Central_and_Western_Union_County_and_Parts_of_Mecklenburg_Cou)

[22/Union_Power_Experiencing_Outage_in_Central_and_Western_Union_County_and_Parts_of_Mecklenburg_Cou](http://www.union-power.com/lefthandnav/newscenter/newsroom/14-10-22/Union_Power_Experiencing_Outage_in_Central_and_Western_Union_County_and_Parts_of_Mecklenburg_Cou)

[nty.aspx](http://www.union-power.com/lefthandnav/newscenter/newsroom/14-10-22/Union_Power_Experiencing_Outage_in_Central_and_Western_Union_County_and_Parts_of_Mecklenburg_Cou)

[http://www.union-power.com/default/home/14-10-](http://www.union-power.com/default/home/14-10-22/Power_Restored_to_Union_County_and_Mecklenburg_County_Members.aspx)

[22/Power_Restored_to_Union_County_and_Mecklenburg_County_Members.aspx](http://www.union-power.com/default/home/14-10-22/Power_Restored_to_Union_County_and_Mecklenburg_County_Members.aspx)

Georgia Power Announced 180,000-pound CA05 Structural Module Placed at Vogtle Nuclear Unit 3 Expansion in Georgia

Georgia Power on Tuesday announced the completion of another major milestone in the construction of Plant Vogtle units 3 and 4 near Waynesboro, Georgia. On Monday, the project team successfully placed the 180,000-pound CA05 module into the unit 3 nuclear island. The CA05 structural module is housed within the unit 3 containment building and is comprised of reinforced steel plates that will be filled with concrete to provide structural support for the containment building. In addition to providing structural support, the protective walls of CA05 will also separate various rooms in containment. Southern Nuclear, a subsidiary of Southern Company, is overseeing construction and will operate the two new 1,100 MW AP1000 units for Georgia Power and co-owners Oglethorpe Power Corporation, the Municipal Electric Authority of Georgia and Dalton Utilities. With operations expected in 2017 and 2018, Vogtle units 3 and 4 will be the first new nuclear units built in the U.S. in the last three decades.

<http://www.georgiapower.com/about-us/media-resources/newsroom.cshtml>

<http://www.georgiapower.com/about-energy/energy-sources/nuclear/overview.cshtml>

Update: Exelon's 1,111 MW La Salle Nuclear Unit 1 in Illinois at Full Power by October 22

On the morning of October 21 the unit was operating at 25 percent after restarting and ramping up to 15 by October 20. The unit was shut from full power by October 12.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

ARCO's 417 MW Watson Natural Gas-Fired Unit in California Reduced by October 21

The unit entered an unplanned curtailment of 150 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201410211515.html>

PERC Says Winter Propane Supplies Look Positive

The Propane Education & Research Council (PERC) is citing U.S. Energy Information Administration information that expects a warmer winter and propane stocks up 17 percent from a year ago in the Gulf Coast and Midwest, along with a 12 percent increase in production from 2013. The president and CEO of PERC said the industry was working hard to ensure customers were prepared and propane retailers across the country remained focused on safety and encouraging customers to consider early fills, automatic refills, and payment programs now before cold weather hits.

<http://domesticfuel.com/2014/10/20/perc-winter-propane-supplies-looking-good/>

<http://www.propanecouncil.org/>

Liquid Propane Supplies Struggle to Meet Demand as Near Record Fall Corn Harvest Starts in Minnesota

The fall harvest is just starting to get underway but farmers are already experiencing a shortage of liquid propane (LP). Agricultural officials expect a near record-breaking corn harvest this year but with that comes the need to store grain and dry it, a process that requires liquid propane. Dexter Elevator and LP said there were serious problems with the regional LP system with trucks sitting in line for 10 to 12 hours just to get one load. After propane prices skyrocketed last winter, Governor Dayton, along with numerous Minnesota state and local politicians, vowed to fix issues in the system that caused a shortage. But with levels already running low, experts said prices for homeowners could climb once again this winter.

<http://www.kaaltv.com/article/stories/S3597030.shtml>

Eagles Ledge Energy Considers 20,000 b/d Oil Refinery at Devils Lake, North Dakota

Eagles Ledge Energy LLC is considering building an oil refinery in the eastern North Dakota community of Devils Lake. The company is planning public informational meetings early next month on the proposed facility that would process 20,000 b/d, according to the Forward Devils Lake Executive Director. The plant would cost at least \$200 million and would take two years to build. The Devils Lake City Commission on Monday night passed a resolution supporting the proposed refinery on 300 acres in the city's new industrial park.

<http://www.washingtontimes.com/news/2014/oct/21/company-considers-oil-refinery-at-devils-lake/#ixzz3GshGqjHp>

Update: Shell Restarting FCCU at Its 327,000 b/d Deer Park, Texas Refinery October 21 – Sources

Royal Dutch Shell Plc's Deer Park, Texas, refinery was restarting its 70,000 b/d fluidic catalytic cracking unit (FCCU) on Tuesday, said sources familiar with operations at the refinery. The Deer Park refinery has been working to repair the FCCU and restore it to production since an August 18 breakdown. The FCCU's restart was delayed twice in the previous two weeks in part due to delays in receiving parts needed to complete the work. Operators were also synchronizing different sections of the unit, the sources said.

Reuters, 16:50 October 21, 2014

Alon Resumes Normal Operations after Snag at Its 67,000 b/d Big Springs, Texas Refinery October 21

Alon USA Energy Inc reported emissions from the hydro-desulfurization (HDS) unit at its Big Springs, Texas refinery. The HDS depentanizer overhead pressure relief valve was lifted to flare due to tower overpressure caused by a compressor malfunction, according to a filing with the Texas Commission on Environmental Quality. Alon said the refinery resumed normal operations after the event.

Reuters, 18:42 October 21, 2014

ExxonMobil Reports No Production Impact from Emissions Event at Its 238,600 b/d Joliet, Illinois Refinery October 21

Reuters, 5:15 October 21, 2014

Magellan Midstream Extends Open Season for Proposed 400,000 b/d Saddlehorn Pipeline from Colorado to Oklahoma

Magellan Midstream Partners, L.P. on Tuesday announced an extension of the open season for commitments on the proposed Saddlehorn Pipeline to transport various grades of crude oil from the Niobrara shale to the partnership's storage facilities in Cushing, Oklahoma. Binding commitments are due on November 6. The proposed Saddlehorn Pipeline includes construction of an approximate 600-mile, 20-inch diameter pipeline capable of transporting up to 400,000 b/d of crude oil from Platteville, Colorado to Magellan's storage facilities in Cushing. Magellan expects to use its existing right-of-way for a significant portion of the pipeline route. Subject to sufficient commitments from shippers and receipt of any necessary permits and regulatory approvals, the Saddlehorn Pipeline could be operational during the second quarter of 2016.

<http://www.magellanlp.com/magellannews.aspx?id=2147483987>

Natural Gas

Alliance Reports Its Bigstone AB36 Lateral Pipeline in Alberta Shut In Due to a Landslide October 22

Alliance reported its 8-inch Bigstone AB36 Lateral pipeline was shut in indefinitely due to Geo Technical issues (landslide). The capacity was set at zero effective cycle 3 for gas day October 22, 2014. The lateral connects the Bigstone gas receipt point in Alberta to Alliance's mainline, which runs from Western Canada to the U.S. Midwest.

<http://info.alliance-pipeline.com/usa/#>

<http://www.alliancepipeline.com/AboutUs/Documents/Maps/AllianceSystemMap.pdf>

Other News

Nothing to report.

International News

Angola LNG Delays Plant Restart Until Late 2015 Due to Repairs

The restart of Angola's liquefied natural gas (LNG) export plant has been delayed until late 2015 from an original mid-year target after the facility was shut earlier this year due to mechanical problems, a project spokesman said. A major rupture on a flare line triggered a facility-wide shutdown in April after less than a year of operation. It faces major reconstruction to fix design flaws and corrosion of nearly-new equipment, pushing unofficial estimates of the project's cost to at least \$12 billion.

Reuters, 8:04 October 22, 2014

Energy Prices

U.S. Oil and Gas Prices			
October 22, 2014			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	81.73	81.83	99.03
NATURAL GAS Henry Hub \$/Million Btu	3.61	3.91	3.77

Source: Reuters

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 ET every Wednesday.

Natural Gas Weekly Update from EIA

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

Updated after 2:00 PM ET every Thursday.

ENERGY ASSURANCE DAILY

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

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