



ENERGY ASSURANCE DAILY

Tuesday Evening, November 10, 2015

Electricity

Severe Winter Weather Knocks Out Power to 36,000 NV Energy Customers in Nevada November 10

A wet, heavy snow storm on the Sierra's eastern front caused power outages for more than 36,000 northern Nevadans by midmorning Tuesday, primarily in Reno and Sparks, according to an NV Energy spokeswoman. She said the outages were caused by trees falling on some power lines and snow accumulating on others. The utility issued a notice that the severe weather has caused power outages in some remote and hard-to-reach areas, and while crews were working as quickly as possible to restore service, customers should be prepared for extended outages. As of 3:25 p.m. EST, approximately 19,700 customers remained without power in Northern Nevada.

<http://www.ktvn.com/story/30482817/30000-nevadans-without-power-up-to-18-inches-snow-in-reno>
<https://www.nvenergy.com/outage/>

Consumers Energy Introduces Automatic Outage Alerts for All Its Customers in Michigan

Consumers Energy announced Tuesday it is introducing automatic outage alerts for its 1.8 million residential and business electric customers to provide them with accurate, up-to-date information during a power outage. Residential customers can receive their outage updates by email, phone call, or text message, and business customers can receive alerts by text.

<https://www.consumersenergy.com/News.aspx?id=8291&year=2015>

APS Declares Unusual Event Due to Containment Fire Alarm at Its 1,314 MW Palo Verde Nuclear Unit 2 in Arizona November 9

Operators reported that on Monday morning, with Unit 2 in cold shutdown and during its containment pressurization for integrated leak rate testing in Mode 5, a containment fire alarm in Fire Zone 63B (Steam Generator 2 all elevations of containment) was received. Due to the inability to access containment to validate the fire alarm, an Unusual Event was declared at 05:47 MST for a fire alarm in containment that operators couldn't validate within 15 minutes of receipt. No safety functions have been impacted due to the fire alarm. Operators depressurized containment to enter and validate the fire alarm, and determined it was invalid.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2015/20151110en.html>

Update: Dominion's 871 MW Millstone Nuclear Unit 2 in Connecticut Ramped Up to 92 Percent by November 10

On the morning of November 9 the unit was operating at 27 percent.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

Desert Sunlight's 300 MW Solar Unit in California Reduced by November 9

The unit entered an unplanned curtailment of 105 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201511091515.html>

SMUD's 128 MW Solano Wind Unit in California Reduced by November 9

The unit entered an unplanned curtailment of 104 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201511091515.html>

PSC Approves Mississippi Power's Plans to Build 105 MW Utility-Scale Solar Projects

The Mississippi Public Service Commission (PSC) approved the largest solar installations in Mississippi today. Mississippi Power is collaborating with three solar energy businesses and the U.S. Navy to build a total of 105 MWs of utility-scale solar electric generating farms at three different locations in the company's service territory. Mississippi Power and Strata Solar are partnering on a 450-acre, 50-MW electric solar generating station to be located in Hattiesburg. The company is also partnering with Origis Energy on a 52-MW utility-scale solar energy project to be located in Sumrall. Mississippi Power, Hannah Solar, and the U.S. Navy are partnering on a 23-acre, 3-4-MW solar project to be located at The Naval Construction Battalion Center (Seabee Base) in Gulfport. Construction on all three projects is slated to begin in early 2016.

<http://mississippipowernews.com/2015/11/10/psc-approves-mississippi-powers-utility-scale-solar-projects/>

Riverside Public Utilities, SCE to Build 10-Mile, 230-kV Transmission Line, Substations in Southern California

Riverside Public Utilities and Southern California Edison (SCE) have proposed the Riverside Transmission Reliability Project to build a 10-mile, 230-kV transmission line plus substations, transmission towers, and poles. The proposed project is located in the western and northern sections of the City of Riverside, with a small section in the City of Norco. It then extends north into the recently incorporated City of Jurupa Valley in western Riverside County. The project is currently under environmental review by state regulators.

<http://www.pe.com/articles/riverside-785847-project-valley.html>

<http://www.riversideca.gov/utilities/rtrp.asp>

Petroleum

USD Proposes Doubling Loading Capacity at Its Rail Facility in Hardisty, Alberta

USD Terminals Canada (USD) wants to expand its rail facility near Hardisty, Alberta so it can load more trains with Alberta crude for shipment across North America, according to a filing with the Canadian Environmental Assessment Agency. The rail terminal can already load up to two trains each with 120 railcars a day. USD is proposing to double that capacity by building and operating new rail tracks and loading infrastructure. As proposed, the Hardisty Rail Terminal Project would allow the existing facility, which currently transloads light crude oil from pipeline to railcar, to handle a wider variety of products such as propane, butane, and heavy crude oil. The facility's loading capacity would also increase, going from two to four 120-car trains per day and allowing shipments to be brought in by truck. The federal agency says it is determining whether an environmental assessment is required. It is inviting public comments until the end of the month on the proposal.

<http://news.gc.ca/web/article-en.do?nid=1019919>

<http://www.cbc.ca/news/canada/edmonton/hardisty-alta-rail-facility-may-load-more-oil-ottawa-could-review-1.3311825>

Irving Oil to Reactivate Dartmouth Fuel Terminal by Fall 2016

Irving Oil Ltd. is working to reactivate its marine terminal and fuel storage facility in Dartmouth, Nova Scotia by next fall, in an effort to compete with Exxon in the province's market. The company is adding a new jetty at its marine terminal on the Dartmouth side of Halifax Harbour where it expects three or four tankers a month. It is also building an expanded, six-lane truck-loading facility where trucks will pick up gasoline and home heating oil for delivery all over the province.

https://www.tankterminals.com/news_detail.php?id=3441

Pioneer Natural Resources Backing Off Plans to Add New Rigs in Permian Basin, Eagle Ford Due to "Efficiency Gains" – Executive

Pioneer Natural Resources will not add any new oil rigs in 2015 and is mulling the timing of its previously announced 2016 rig expansion program, an executive said on Tuesday. The company had planned to add two rigs per month from July 2015 through the end of the year in the Permian Basin, but has stopped after adding just eight rigs. Pioneer had also planned to add six rigs in the Permian and two rigs in the Eagle Ford in the first quarter of 2016, but now says it is reconsidering the timing of those projects. The company attributed the slowing of rig additions to efficiency gains. Going forward, the company plans to focus more heavily on its assets in the Permian Basin.

Reuters, 11:27 November 10, 2015

TransCanada Cites Miscommunication for Rupture of Its North Central Corridor Natural Gas Pipeline in 2013

TransCanada Corp. on Monday reported that the rupture of its North Central Corridor natural gas pipeline near Fort McMurray, Alberta in 2013 was caused by “miscommunication” between staff and contractors who built the piece of the line that failed. TransCanada made the comments after a report last week from the Transportation Safety Board of Canada said inadequate inspections and oversight by TransCanada were factors in the accident. The rupture of the 36-inch natural gas pipeline occurred at the North Central Corridor Loop of the Buffalo Creek West Section, located southwest of Fort McMurray, Alberta. An estimated 16.5 million cubic meters of natural gas was released. The rupture did not result in a fire, there were no injuries and no evacuation was required.

http://www.downstreamtoday.com/news/article.aspx?a_id=49907

<http://www.tsb.gc.ca/eng/medias-media/communiques/pipeline/2015/p13h0107-20151103.asp>

Engine Shutdown Leads to Emissions at Atlas Pipeline’s 195 MMcf/d Midkiff Gas Plant in Texas November 9

Operators reported that Engine B16 went down with a bad L/B turbo and inner cooler on Monday, leading to emissions that continued for approximately 13 hours, according to a filing with state regulators.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=222781>

Update: Enable Gas Says Work on Its Amber Compressor Station in Oklahoma Delayed Indefinitely

Enable Gas Transmission on Monday notified its shippers that the unplanned maintenance at its Amber Compressor Station may not be completed by Wednesday, as previously estimated, due to parts availability. The notice said that a completion date for this maintenance was unknown at that time. During this maintenance, capacity through the Amber Compressor Station is limited to approximately 480,000 Dth/d. The company declared force majeure citing unplanned maintenance on October 27.

Reuters, 16:57 November 9, 2015

LNG Tanker Heads for Cheniere’s Sabine Pass LNG Export Facility in Louisiana to Load Test Cargoes Ahead of Commercial Operations Next Year – Sources

Cheniere Energy’s Sabine Pass liquefied natural gas (LNG) export plant in Louisiana will receive its first tanker for loading on January 12, according to ship tracking data and a source with knowledge of the plant’s operations. The Energy Atlantic LNG tanker is the first in a string of test cargoes that will be loaded before commercial operations begin later in the year.

http://www.downstreamtoday.com/news/article.aspx?a_id=49906

Other News

DuPont Opens World’s Largest Cellulosic Ethanol Plant in Iowa October 30

DuPont has opened a cellulosic biofuel facility in Nevada, Iowa, with the capacity to produce 30 million gallons per year of clean fuel. The raw material used to produce the ethanol is corn stover—the stalks, leaves, and cobs left in a field after harvest. The majority of the fuel produced at the facility will be bound for California to fulfill the state’s Low Carbon Fuel Standard, a policy to reduce carbon intensity in transportation fuels.

<http://www.dupont.com/corporate-functions/media-center/press-releases/dupont-celebrates-opening-of-worlds-largest-cellulosic-ethanol-plant.html>

International News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
November 10, 2015			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	44.47	47.83	78.03
NATURAL GAS Henry Hub \$/Million Btu	2.13	1.92	4.01

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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