



ENERGY ASSURANCE DAILY

Friday Evening, October 07, 2016

Major Developments

OE/ISER Situation Report: Hurricane Matthew

The U.S. Department of Energy, Office of Electricity Delivery & Energy Reliability (OE/ISER) released an emergency situation report Friday afternoon. The next situation report will be released Saturday morning (October 8). For details on the impact of this storm on customer outages, energy infrastructure issues, and restoration efforts, see Hurricane Matthew Situation Reports issued by OE/ISER at the following URL:

<http://energy.gov/oe/downloads/hurricane-matthew-situation-reports-october-2016>

Electricity

Storm Knocks Out Power to 45,000 BC Hydro Customers in British Columbia October 6

A strong storm producing high winds knocked out power to 45,000 BC Hydro customers across southern British Columbia on Thursday night. BC Hydro says the bulk of the outages were on the Lower Mainland and the Sunshine Coast, with the remainder scattered around Vancouver Island. BC Hydro said repair crews worked through the night to restore electricity. As of 3:30 p.m. EDT Friday, 7,032 customers remained without power.

<https://www.bchydro.com/power-outages/app/outage-list.html>

<https://twitter.com/bchydro>

<http://vancouver.sun.com/news/local-news/strong-winds-leave-over-30000-homes-without-power-across-metro-vancouver>

Exelon's 1,163 MW Byron Nuclear Unit 1 in Illinois Reduced to 86 Percent by October 7

On the morning of October 6 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

Petroleum

Imperial Oil Reports Flaring at Its 187,000 b/d Strathcona, Alberta Refinery October 7

Imperial Oil reported flaring and increased steam venting at its Strathcona refinery on Friday, according to a community information line. The event was due to an operational issue, which is expected to be short in duration. There have been no impacts to supply.

Reuters, 15:38 October 7, 2016

Shell Terminates Proposed Oil-by-Rail Project at Its 145,000 b/d Puget Sound Refinery October 6

Shell's Puget Sound refinery on Thursday suspended permitting of its planned crude-by-rail project citing the current global crude oil market and the tight capital environment that make the project non-economic at this time. The refinery receives its crude oil now via tankers that unload at its dock, and via a pipeline that serves Canadian oil fields. Shell had sought the rail project so that it could tap new supplies of crude oil in the Midwest that are not served by pipelines. However, low oil prices and abundant production elsewhere have slowed production in the Midwest and made other sources of crude more viable.

<http://www.shell.us/about-us/projects-and-locations/puget-sound-refinery/puget-sound-refinery-news-events/crude-by-rail-project-suspended.html>

U.S. Oil Rig Count Increases to 428 October 7 – Baker Hughes

U.S. drillers added three oil rigs in the week to October 7, bringing the total count up to 428, the most since February, but still below the 605 rigs seen a year ago, according to energy services firm Baker Hughes. Reuters, 13:06 October 7, 2016

Epping Transmission Applies to Join Dakota Access Pipeline Project Increasing Capacity to at Least 470,000 b/d

The Epping Transmission Company applied for a permit to become part of Energy Transfer Partners' Dakota Access pipeline project. If approved, it would add 30,000 b/d of oil to the four-state pipeline increasing capacity to 470,000–570,000 b/d. Epping is proposing a \$6.5 million project to connect its Epping Station and Divide Mainline Pipeline to the Dakota Access Epping Facility. A public hearing is set for November 22. Epping said it would like to begin construction on its proposal this year and have it completed two months later. Reuters, 14:01 October 7, 2016

Natural Gas

U.S. Natural Gas Rig Count Falls to 94 October 7 – Baker Hughes

The number of rigs drilling for natural gas in the U.S. fell by 2 this week to 94, data from oil services firm Baker Hughes showed on Friday. Reuters 13:02 October 7, 2016

Pennsylvania's New Fracking Regulations Go into Effect October 8

New Pennsylvania Department of Environmental Protection (DEP) regulations on unconventional gas drilling practices and hydraulic fracturing, as well as related activities will become effective on October 8. DEP said it has worked extensively with the natural gas industry to prepare for smooth adoption of the new requirements, which will help protect Pennsylvania's air, water, natural resources, as well as the health of residents. The new rules, which have been under development since 2011, are the first modernization of Pennsylvania's oil and gas surface regulations since the implementation of new horizontal drilling and hydraulic fracturing techniques to capture natural gas from the state's shale deposits.

<http://www.ahs.dep.pa.gov/NewsRoomPublic/articleviewer.aspx?id=21079&typeid=1>

Other News

Canada Ratifies Paris Climate Change Deal October 5

Canada's Parliament on Wednesday ratified the Paris agreement to curb climate-warming emissions. Legislators voted 207-81 to formally back the deal, which is designed to encourage a move away from fossil fuels. The United Nations said earlier on Wednesday that the global agreement on climate change had passed the threshold for ratification and that the deal would start formally in 30 days. The United States and China ratified the agreement last month. The deal will take force on November 4.

http://www.downstreamtoday.com/news/article.aspx?a_id=53804

International News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
October 7, 2016			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	49.71	48.06	47.81
NATURAL GAS Henry Hub \$/Million Btu	2.99	2.95	2.35

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

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. ET. 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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