



U.S. DEPARTMENT OF ENERGY
Office of Electricity Delivery and Energy Reliability
Infrastructure Security and Energy Restoration

ENERGY ASSURANCE DAILY

Monday Evening, September 28, 2015

Electricity

FPL's 1,155 MW Seabrook Nuclear Unit 1 in New Hampshire Reduced to 59 Percent by September 28

On the morning of September 27 the unit was operating at 88 percent.

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

Update: Exelon's 855 MW Quad Cities Nuclear Unit 1 in Illinois at Full Power by September 26

On the morning of September 25 the unit was operating at 85 percent, reduced from full power on September 22.

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

Update: AES's 498 MW Alamos Gas-fired Unit 5 in California Returns to Service by September 27

The unit returned from an unplanned curtailment of 248 MW that began on September 21.

<http://content.caiso.com/unitstatus/data/unitstatus201509271515.html>

Update: AES's 332 MW Alamos Gas-fired Unit 3 in California Returns to Service by September 26

The unit returned from an unplanned curtailment of 222 MW that began on September 24.

<http://content.caiso.com/unitstatus/data/unitstatus201509261515.html>

Update: Calpine's 525 MW Sutter Gas-fired Unit in California Returns to Service by September 25

The unit returned from an unplanned curtailment of 264 MW that began on September 22.

<http://content.caiso.com/unitstatus/data/unitstatus201509251515.html>

CAISO Says Idaho Power Considering Energy Imbalance Market Participation

The California Independent System Operator (CAISO) on Friday said Idaho Power Co expressed interest in participating in its Energy Imbalance Market (EIM). The EIM, a power market covering six western U.S. states with Berkshire Hathaway Energy's PacifiCorp utility holding company, was launched in October last year. Idaho Power's announcement on Thursday that it plans to pursue participation in the EIM, follows a similar announcement by Portland General Electric last week, CAISO said. NV Energy is expected to begin active participation in the EIM on November 1, while Puget Sound Energy in Washington and Arizona Public Service are expected to join in October 2016.

http://www.caiso.com/Documents/ISO_WelcomesIdahoPowerPlanToExploreEIM.pdf

Petroleum

Update: Colonial Says Line 4 Resumed Normal Operations in Virginia September 25

Colonial Pipeline said Line 4 resumed normal operations into all markets as of 6:00 p.m. EDT on Friday. Lines 3 and 4 of Colonial's refined product pipeline system were shut down on September 21 after gasoline odors were reported by local emergency response officials. Line 3 resumed operations on September 23.

<https://colonialresponse.jettapp.com/>

Reuters, 18:24 September 25, 2015

U.S. Jet Fuel Demand Rising Strongly – U.S. DOT

Fuel consumption by U.S. airlines is growing at some of the fastest rates for a decade, according to data published by the U.S. Department of Transportation (DOT). U.S. carriers consumed 1.6 billion gallons of fuel in July, up 3.4 percent from the same month a year earlier. Fuel consumption for the first seven months of the year rose nearly 2.9 percent, the biggest increase since 2011 and before that 2005, according to the DOT.
Reuters, 8:05 September 28, 2015

Chevron Reports Flaring at Its 330,000 b/d Pascagoula, Mississippi Refinery September 27

Reuters, 11:11 September 28, 2015

Calcasieu Refining Reports Heavy Fuel Oil Discharge at Its 80,000 b/d Lake Charles, Louisiana Refinery September 28

Calcasieu Refining Co reported a discharge of vacuum power bottom (heavy fuel oil) due to a flange malfunction at its Lake Charles, Louisiana refinery. The discharge occurred prior to the transfer from the facility to the Calcasieu River barge, and reportedly impacted both the barge and the Calcasieu River. The extent of the impacts and other details concerning the incident are not available at this time.

Reuters, 11:19 September 28, 2015

Imperial Says Small Fire Extinguished at Its 121,000 b/d Sarnia, Ontario Refinery September 27

Imperial Oil said on Sunday a small fire was put out at its Sarnia, Ontario facility. There was no impact to refinery production and operations were normal, a company spokeswoman said.

Reuters, 1:18 September 28, 2015

Phillips 66 Reports Process Upset, Flaring at Its 336,000 b/d Wood River, Illinois Refinery September 25

Reuters, 2:22 September 28, 2015

Phillips 66 Reports Process Disruption at Its 146,000 b/d Borger, Texas Refinery

Reuters, 2:04 September 28, 2015

Shell Reports Unit Startup at Its Scotford, Alberta Facility September 27

Royal Dutch Shell Plc reported restarting an unspecified unit at its Scotford, Alberta facility, according to a message on a community alerting phone line on Sunday. There will be intermittent flaring for the next 48 hours, the message added. The Scotford facility houses a 100,000 b/d refinery and a 255,000 b/d oil sands upgrader.

Reuters, 1:01 September 28, 2015

Shell Reports Upset at Its 145,000 b/d Puget Sound, Washington Refinery September 22

Reuters, 20:23 September 25, 2015

Enbridge Reports 700 Barrel Dyed Water Spill after Hydrostatic Pipeline Testing in Minnesota September 23

Enbridge Energy reported that an estimated 700 barrels of test water was released following equipment failure while workers were preparing for hydrostatic dye testing on a segment of Pipeline 2B near Floodwood, Minnesota on September 23. Crews reported to the site, contained the leak, and worked to clean-up and assess any environmental effects. Line 2B moves light crude oil from western Alberta to Superior, Wisconsin.

<http://www.duluthnewtribune.com/news/3846632-700-barrels-dyed-water-spilled-enbridge-test-failure>

Update: Shell Abandons Arctic Exploration for Oil

Royal Dutch Shell abandoned its Arctic search for oil after failing to find enough crude. Shell has spent about \$7 billion on exploration in the waters off Alaska so far and said it could take a hit of up to \$4.1 billion for pulling out of the Chukchi Sea for the foreseeable future. The unsuccessful campaign is Shell's second major setback in the Arctic after it interrupted exploration for three years in 2012 when an enormous drilling rig broke free and grounded. Environmental campaigners and shareholders have also pressured Shell to drop Arctic drilling. The company said the decision to withdraw from the area reflected the results from the exploratory well, the project's high costs and the unpredictable federal regulatory environment in offshore region of Alaska.

Reuters, 6:21 September 28, 2015

Update: Encana Says Blowout Capped at Its Natural Gas Well in Alberta September 27

Encana on Sunday said a blowout at a well in northern Alberta that has been venting natural gas and small amounts of a toxic chemical has been capped. The company said the damaged wellhead 11 miles from Fox Creek was brought under control and that the flow of natural gas and condensate was stopped. The blowout happened on September 21 at the well, which is licensed to produce hydrogen sulfide. A company spokesman said last week that monitoring data showed low levels of hydrogen sulfide were released but they were well beneath those that would pose a health risk. Encana said it was still working to determine the cause of the incident.

<https://www.aer.ca/about-aer/media-centre/news-releases/news-release-2015-09-21>

<http://www.brandonsun.com/lifestyles/breaking-news/encana-says-blowout-at-northern-alberta-natural-gas-well-has-been-capped-329711631.html>

Atlas Pipeline Reports Engines Shut at Its 195 MMcf/d Midkiff Gas Plant in Texas September 27

Atlas reported engine B-12 shut due to a bad temperature probe. An electrician was called and the temperature probe was replaced.

<http://www2.tceq.texas.gov/oce/ee/index.cfm?fuseaction=main.getDetails&target=220688>

Atlas Reports Mechanical Failure at Its 200 MMcf/d Driver Gas Plant in Texas September 26

Atlas reported a mechanical failure and the amine system developed a leak. Operators had to shut the plant to make repairs and once repairs were complete, the plant was put back online.

<http://www2.tceq.texas.gov/oce/ee/index.cfm?fuseaction=main.getDetails&target=220684>

BG Group Acquires Blocks for Offshore Exploration in Newfoundland

BG Group announced Monday it acquired three non-operated positions offshore of Newfoundland from Repsol. This provides the company with access to early stage exploration in a proven prospective basin ahead of the first well being drilled later this year. The blocks are located in the Atlantic Ocean, approximately 124 miles from St. John's, Newfoundland.

<http://www.bg-group.com/111/media/press-releases/>

Williams Cos Agrees to Acquisition Offer from Energy Transfer

Williams Cos Inc agreed to be acquired by Energy Transfer Equity LP in a stock-and-cash deal. Energy Transfer, which currently operates about 71,000 miles of oil and gas pipeline, will add more than 30,000 miles with the Williams acquisition. Williams operates natural gas pipelines spanning the Gulf of Mexico to the Canadian oil sands, while Energy Transfer operates natural gas, crude and refined product pipelines.

Reuters, 11:42 September 28, 2015

Other News

Nothing to report.

International News

Update: Oil Exports to Turkey Resume on Kirkuk-Ceyhan Pipeline after Theft September 25

The Kurdistan Region Government's (KRG) Ministry of Oil and Natural Resources announced on Saturday that exporting of crude oil from the Kurdistan region to Turkey's Ceyhan port via pipeline resumed late Friday. The flow of oil to the Turkish port was halted on September 25 following theft from the pipeline in Turkey.

<http://rudaw.net/english/kurdistan/26092015>

Energy Prices

U.S. Oil and Gas Prices September 28, 2015			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	44.34	46.62	92.49
NATURAL GAS Henry Hub \$/Million Btu	2.55	2.63	3.88

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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