



ENERGY ASSURANCE DAILY

Tuesday Evening, September 08, 2015

Electricity

Thunderstorms Knock Out Power to 28,000 Hydro Quebec Customers September 7

Thunderstorms and high winds knocked out power to 28,000 Hydro Quebec customers across Quebec Monday. The majority of customers in the Montreal metro area had power restored by 11 p.m. EDT Monday. As of 3:30 p.m. EDT, 1,387 Hydro Quebec customers remained without power.

<http://poweroutages.hydroquebec.com/poweroutages/service-interruption-report/#bis>

<https://twitter.com/HydroQuebec>

<http://www.cjad.com/cjad-news/2015/09/07/thunderstorm-leaves-28000-without-power-across-quebec>

Constellation's 565 MW Nine Mile Point Nuclear Unit 1 in New York Shut September 4; Restarts by September 7, Ramps Up to 75 Percent by September 8

On the morning of September 7 the unit had restarted and was operating at 2 percent. The unit shut from full power on September 4 due to specified system actuations caused by a main steam isolation valve (MSIV) closure.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2015/20150908en.html>

FPL's 839 MW Saint Lucie Nuclear Unit 2 in Florida Shut by September 8

On the morning of September 7 the unit was operating at 68 percent, reduced from full power on September 6.

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

Calpine's 525 MW Sutter Gas-fired Unit in California Shut by September 7

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201509071515.html>

Calpine's 135 MW American I Gas-fired Unit in California Shut by September 7

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201509071515.html>

AES's 226 MW Huntington Beach Gas-fired Unit 1 and 226 MW Unit 2 in California Shut by September 6

The units entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201509061515.html>

SCE's 820 MW Big Creek Hydro Unit in California Reduced by September 5

The unit entered an unplanned curtailment of 163 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201509051515.html>

Crockett's 240 MW Gas-fired Unit in California Shut by September 5

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201509051515.html>

Total's 225,500 b/d Port Arthur, Texas Refinery Production May Be Reduced for Two Weeks after Fatal Accident Cuts Coker Operations September 5 – Sources

Total SA's Port Arthur, Texas, refinery may run at reduced production levels for up to two weeks due to a cut in coker operations following a fatal accident on Saturday, said sources familiar with plant operations. The refinery was running at about half its capacity and Total was considering bringing in additional feedstocks to boost gasoline output while production was reduced, the sources said. A Kinder Morgan Inc employee was killed on Saturday after the bulldozer he was operating flipped over in the pit beneath the coker, according to the Jefferson County Sheriff's Department. The employee was pushing petroleum coke from the pit for movement to a terminal operated by Kinder Morgan. Kinder Morgan paid \$67 million in 2011 for a terminal at the Total Port Arthur Refinery and signed a 25-year agreement with the refinery to convey, store, and load the coke aboard ships. The source said there may have been higher water in the pit on Saturday because of a malfunction in the drainage system. Both companies said they are working to restore refinery operations to normal as quickly as possible.

Reuters, 16:51 September 7, 2015

http://www.downstreamtoday.com/news/article.aspx?a_id=49032

ExxonMobil Reports Power Loss at Its 502,200 b/d Baton Rouge, Louisiana Refinery September 5; CDU Shut September 6 – Sources

ExxonMobil Corp on September 5 reported a release of nitrous oxide due to a power loss that occurred at ExxonMobil Corp's Baton Rouge, Louisiana, refinery and chemical plant. On Sunday, the 210,000 b/d crude distillation unit (CDU) was shut after steam generation to the unit was lost, sources familiar with plant operation said on Monday. The company on Monday said it was continuing to meet all contractual commitments. ExxonMobil hopes to restore steam generation and restart the CDU as quickly as possible, the sources said.

Reuters, 10:31 September 8, 2015

Reuters, 15:28 September 7, 2015

Marathon Restarting Crude and Vacuum Units after Brief Outage at Its 240,000 b/d Catlettsburg, Kentucky Refinery September 7 – Source

A crude unit and a vacuum unit were being restarted Monday at Marathon Petroleum Corp's Catlettsburg, Kentucky refinery following a brief outage, a source familiar with plant operations said on Tuesday.

Reuters, 8:34 September 8, 2015

Phillips 66 Reports Emissions at Its 252,000 b/d Belle Chasse, Louisiana Refinery September 4

Reuters, 10:05 September 8, 2015

Valero Reports Process Vapor Line Leak at Its 335,000 b/d Port Arthur, Texas Refinery September 8

Reuters, 9:23 September 8, 2015

ExxonMobil Says Production Unhurt by Compressor Trip at Its 560,500 b/d Baytown, Texas Refinery September 4

Reuters, 11:41 September 8, 2015

Enterprise's Centennial 210,000 b/d Refined Products Pipeline Could Be Converted to Move 100,000 b/d of NGLs from Illinois to Texas

Marathon Petroleum Corp's joint-venture Centennial Pipeline could be converted to move natural gas liquids (NGLs) to Texas and its flow reversed southward from Illinois within two years, Enterprise Products Partners said on Tuesday. The 795-mile Texas-to-Illinois refined products pipeline can move up to 210,000 b/d but has been largely empty since mid-2011. Marathon operates the line and Enterprise is its 50 percent partner. Enterprise stopped moving products in the line last year. Enterprise said both companies own pipelines that could be repurposed to connect Centennial to Utica and Marcellus NGL output. The line could move 100,000 b/d to Texas once pump stations are reversed and possibly more are added. The project would take up to two years to complete, Enterprise said.

Reuters, 11:31 September 8, 2015

Natural Gas

TransCanada Reports Natural Gas Pipeline Fire at Its St. Vincent Compressor Station in Minnesota September 5

TransCanada was investigating the cause of a natural gas pipeline fire in the yard of the St. Vincent Compressor Station near the Canada-U.S. border in Kittson County, Minnesota Saturday night. The fire burned until about 1:10 a.m. CDT Sunday, TransCanada said. No injuries were reported but a few homes in Dominion City, Manitoba, were briefly evacuated on Saturday night as a precaution. The company isolated the compressor station but the incident has not interrupted gas service for TransCanada customers in the Great Lakes Gas Transmission system, according to the company. The St. Vincent Compressor Station is used to control gas volumes received from the TransCanada Pipeline at Emerson, the company said.

<http://www.energyglobal.com/pipelines/equipment-and-safety/08092015/TransCanada-investigates-gas-pipeline-fire/>

<http://www.cbc.ca/news/canada/manitoba/fireball-in-the-sky-erupts-during-pipeline-blaze-south-of-emerson-1.3217477?cmp=rss>

Venture Global LNG Submits FERC Application for Its 10 MMTPA Calcasieu Pass LNG Export Terminal, TransCameron Pipeline System in Louisiana September 8

Venture Global LNG, Inc. on Tuesday announced that its subsidiaries Venture Global Calcasieu Pass, LLC and TransCameron Pipeline, LLC have submitted their joint application to the Federal Energy Regulatory Commission (FERC) requesting authorization to site, construct, and operate the Calcasieu Pass's proposed natural gas liquefaction and export terminal and TransCameron Pipeline's two proposed natural gas pipeline laterals that will connect the Calcasieu Pass LNG terminal to the U.S. natural gas grid. Both the proposed LNG terminal and the proposed pipeline system are located in Cameron Parish, Louisiana. In addition to the FERC application, Calcasieu Pass and TransCameron Pipeline have recently submitted final permit applications and final studies to the U.S. Coast Guard, U.S. Army Corps of Engineers, Louisiana Department of Natural Resource and Louisiana Department of Environmental Quality. Calcasieu Pass is located on a 506-acre site near where the Calcasieu Ship Channel meets the Gulf of Mexico. Its facilities will include two ship-loading berths for LNG vessels, two full-containment LNG storage tanks and an on-site combined cycle gas turbine power plant. Scheduled to begin construction in late 2016 and achieve full operations in late 2019, Calcasieu Pass will have a nameplate capacity of 10.0 million metric tonnes per annum of LNG. TransCameron's pipeline system will consist of two laterals totaling approximately 43 miles in length and will be constructed with 42-inch diameter pipe.

<http://venturegloballng.com/wp-content/uploads/2015/09/FERC-Calcasieu-Press-09.08.15-.pdf>

Regency Reports Gas Expander Shut at Its 290 MMcf/d Waha Gas Plant in Texas September 5

Regency reported the gas expander shut at its Waha gas plant. The system was cleared, adequate inlet volumes were established, and the acid gas injector compressor was rest and restarted.

<http://www2.tceq.texas.gov/oce/eeer/index.cfm?fuseaction=main.getDetails&target=219830>

Southern Union Reports Compressors Shut at Its 140 MMcf/d Keystone Gas Plant in Texas September 4

Southern Union reported compressor unit no. 20 and 23 shut due to malfunctions. Area producers were asked to shut-in so the Keystone plant could back out up to 8 MMcf of gas to reduce flaring until the compressors were back online.

<http://www2.tceq.texas.gov/oce/eeer/index.cfm?fuseaction=main.getDetails&target=219823>

All Flowing Wells Shut-in Due to Unit Shutdown at ExxonMobil's 65 MMcf/d Dollarhide Gas Plant in Texas September 6

ExxonMobil reported the Waukesha 3 unit shut due to high discharge temperature and cylinder no.1 also shut as designed. Operations shut in all flowing wells to reduce and mitigate emissions.

<http://www2.tceq.texas.gov/oce/ee/index.cfm?fuseaction=main.getDetails&target=219838>

Other News

Nothing to report.

International News

Syria's Last Major Oilfield Seized by Islamic State September 7

Islamic State fighters seized the last major oilfield under Syrian government control, a group monitoring the conflict said on Monday. The Jazal field was shut down and the conflict was ongoing east of Homs. Jazal is a medium-sized field that lies to the north west of the rebel-held city of Palmyra, close to a region that holds Syria's main natural gas fields and multi-million-dollar extraction facilities. The army, which has been fighting to retake the city and surrounding areas since they fell in May, had managed to secure the oil field's perimeter in June.

Reuters, 7:42 September 7, 2015

Energy Prices

U.S. Oil and Gas Prices			
September 8, 2015			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	45.87	45.33	92.05
NATURAL GAS Henry Hub \$/Million Btu	2.67	2.68	3.84

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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