



ENERGY ASSURANCE DAILY

Thursday Evening, August 13, 2015

Major Development

OE/ISER Situation Report: Super Typhoon Soudelor

http://www.oe.netl.doe.gov/named_event.aspx?ID=76

Electricity

Update: Nearly 2,000 CenterPoint Energy Customers Remain Without Power in Texas August 13 after Strong Storms Hit August 11

Power restoration was nearly complete to the 112,000 CenterPoint Energy customers in Southeast Texas who had power knocked out due to strong storms on Tuesday evening. As of 3:30 p.m. EDT Thursday, 1,945 CenterPoint Energy customers remained without power. The majority of remaining outages were in southeast Houston.

<https://www.facebook.com/CenterPointEnergy>

<http://gis.centerpointenergy.com/outagetracker/>

<http://www.khou.com/story/weather/2015/08/12/power-outages--tuesday-storms/31520725/>

Update: Power Restoration Continues to 2,000 NorthWestern Energy Customers in Montana August 13 after Storms Hit August 10

Strong storms on Monday evening knocked out power to 18,000 NorthWestern Energy customers in the Missoula and Bitterroot valleys of Montana. The utility said power was restored before noon in Bitterroot after a transmission line was repaired. As of 8 a.m. EDT Thursday, 2,000 customers remained without power and the utility said those should be restored by Thursday night.

https://twitter.com/NorthWestern_MT

<http://www.northwesternenergy.com/news/2015/08/12/Missoula-Area-Storm-Restoration-Update-August-12-2015>

Power Restored to 20,000 Maritime Electric Customers on Prince Edward Island August 13

Maritime Electric on Thursday restored power to 20,000 customers in eastern Prince Edward Island. The outage began about 10:20 a.m. ADT Thursday and stretched from Stratford to East Point. It lasted a little more than an hour. A spokeswoman said the utility was able to find the equipment causing the problem and make repairs.

http://www.maritimeelectric.com/power_outages/current_poweroutages.aspx

<http://www.cbc.ca/news/canada/prince-edward-island/maritime-electric-restores-power-to-eastern-p-e-i-1.3189683?cmp=rss>

Update: FPL's 839 MW Saint Lucie Nuclear Unit 1 in Florida at Full Power by August 13

On the morning of August 12 the unit had restarted and ramped up to 30 percent power. The unit shut from full power on August 10 when the reactor tripped during testing.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2015/20150810en.html>

Update: Ameren's 1,125 MW Callaway Nuclear Unit in Missouri Restarts, Ramps Up to 90 Percent by August 13

The unit shut from full power on August 11 due to an offsite electrical fault.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2015/20150811en.html>

SCE's 820 MW Big Creek Hydro Unit in California Reduced by August 12

The unit entered an unplanned curtailment of 163 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201508121515.html>

Calpine's 561 MW Los Medanos Gas-fired Unit in California Reduced by August 12

The unit entered an unplanned curtailment of 297 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201508121515.html>

AES's 496 MW Redondo Gas-fired Unit 8 in California Shut by August 12

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201508121515.html>

Update: Dynegy's 335 MW El Segundo Gas-fired Unit 4 in California Returns to Service by August 12

The unit returned from an unplanned outage that began on August 11.

<http://content.aiso.com/unitstatus/data/unitstatus201508121515.html>

Petroleum

Update: Enbridge Reopens 600,000 b/d Flanagan South Oil Pipeline August 12 after Leak August 11

Enbridge Inc restarted its 600,000 b/d Line 59 Flanagan South pipeline at full rates on Wednesday evening, the company said in a notice to shippers. A timeline for the startup of the adjacent 193,300 b/d Line 55 Spearhead pipeline was not provided. Enbridge said it does not expect any long-term impacts to the Line 59 schedule. The excavation of Line 55 was complete and the investigation into the cause of the release continues, the company said in the notice on Wednesday. The two pipelines, which run from Illinois to the oil storage hub of Cushing, Oklahoma were closed on Tuesday after a crude spill of about one barrel was found in Shelby County, Missouri. All released crude oil and contaminated water have been cleaned up and removal of impacted soil and vegetation is about 60 percent complete, Enbridge said late Wednesday. About one barrel of crude oil was recovered, the company said. The leak and resulting outages stemmed the flow of some 800,000 b/d of Canadian crude oil, causing cash prices to fall the furthest below the West Texas Intermediate benchmark in more than a year on Wednesday. Reuters, 9:05 August 13, 2015

Update: Leaks in Piping Caused Shutdown of BP's 413,500 b/d Whiting, Indiana CDU – Sources

The discovery of leaks in piping, which pose fire hazards, caused Saturday's shutdown of the largest crude distillation unit (CDU) at BP Plc's refinery in Whiting, Indiana, two people familiar with plant operations said on Thursday. The leaks were found in overhead piping leading to heat exchangers on the 240,000 b/d CDU called Pipestill 12, said the sources. Additional leaks may also exist in piping throughout Pipestill 12, which is configured to run crude oil from Canada's tar sands fields in Alberta. BP was continuing inspections on Thursday to determine the extent of the leaks. Repairs are expected to take at least a month, sources said but until the inspections are finished, it will not be clear how long it will take to repair damaged piping. BP is also trying to determine if Pipestill 12's piping is more susceptible to corrosion from the crude or other substances running through the unit, the sources said. BP continues to run the refinery at about 165,000 b/d or 40 percent of its rated capacity as two smaller CDUs remain in operation.

Reuters, 11:20 August 13, 2015

Update: PES Shuts FCCU, Crude Unit Slowed at Its 335,000 b/d Philadelphia, Pennsylvania Refinery August 12 – Source

Philadelphia Energy Solutions (PES) shut the 88,000 b/d fluid catalytic cracker unit (FCCU) on Wednesday at its Philadelphia refinery after failing to restore it to full rates, which forced a scale back of feed to a major crude unit. The 200,000 b/d crude unit is currently running at 150,000 b/d due to the unexpected shutdown of the FCCU, the source said Wednesday night. A faulty compressor likely triggered the shutdown of the FCCU, a source said. The FCCU had been running about 18,000 b/d shy of full rates since late last week due to a leak. The company attempted to bring the unit back to full rates Wednesday morning, but a problem forced an entire shutdown of the unit. Reuters, 20:04 August 12, 2015

CAL/OSHA Cites ExxonMobil for Blast at Its 149,500 b/d Torrance, California Refinery; FCCU to Remain Shut August 13

The California Division of Occupational Safety and Health (CAL/OSHA) issued 19 citations, 18 of which were classified as serious, to ExxonMobil Corp for violations following investigation into the February 18 explosion at its Torrance, California refinery that injured four workers. CAL/OSHA issued an order prohibiting use of the fluid catalytic cracking unit (FCCU) on February 18 which remains in effect until ExxonMobil can demonstrate that the unit is safe to operate. ExxonMobil has 15 working days to appeal the citations to the occupational safety and health appeals board.

Reuters, 14:14 August 13, 2015

Update: Judge Approves ExxonMobil Settlement Over 2013 Pegasus Pipeline Oil Spill in Arkansas

A federal judge on Wednesday approved ExxonMobil Corp's \$5.07 million settlement of charges that it violated the federal Clean Water Act and state environmental laws in connection with a 2013 oil spill in central Arkansas. The rupture of ExxonMobil's 90,000 b/d Pegasus pipeline led to a March 29, 2013 spill that caused about 3,190 barrels of oil to flow through Mayflower, Arkansas and nearby waterways, including Lake Conway, which flows into the Arkansas River. Exxon agreed to pay \$4.19 million in civil penalties, upgrade water quality in Lake Conway, and take steps to respond better to potential future spills. It did not admit liability. The Pegasus pipeline runs about 850 miles from Illinois to Texas and transports Canadian heavy crude oil.

Reuters, 15:27 August 12, 2015

Natural Gas

Update: Enbridge, Veresen's 1.6 Bcf/d Alliance Pipeline from Canada to Illinois Returns to Service August 13

The Alliance Pipeline a natural gas conduit that runs from northeastern B.C. to the Chicago, Illinois area, returned to service Thursday morning after a six-day outage. The pipeline, owned by an Enbridge affiliate and Veresen, was shut down last Friday because hydrogen sulphide-tainted gas mistakenly entered into the system. Keyera said an operational upset during maintenance at its 250 MMcf/d Simonette plant in northwestern Alberta two days earlier caused the issue. Alliance burned off the toxic gas at two locations in southeastern Saskatchewan. A number of Western Canada producers had to suspend operations while the Alliance pipeline was out of commission.

Reuters, 12:02 August 13, 2015

[https://www.keyera.com/titanweb/keyera/webcms.nsf/AllDoc/D0B3EBC7C845E5B487257B1200740AF9/\\$File/wb%20simonette%20fact%20sheetnew.pdf](https://www.keyera.com/titanweb/keyera/webcms.nsf/AllDoc/D0B3EBC7C845E5B487257B1200740AF9/$File/wb%20simonette%20fact%20sheetnew.pdf)

<http://www.ogj.com/articles/2015/08/simonette-gas-plant-upset-led-to-alliance-mainline-closure-keyera-says.html>

Southern Union Reports Units Shut at Its Keystone Gas Plant in Texas August 11

Southern Union reported emperor units no. 2 and 3 were taken down to limit the sour gas from entering plant.

Emperor no.2 was reset and put unit back online. Mechanics tightened belts on Emperor no. 3 and put the unit back online.

<http://www2.tceq.texas.gov/oce/ee/index.cfm?fuseaction=main.getDetails&target=218651>

Ohio Judge Denies NEXUS Gas' Request to Survey Land August 12

A northeast Ohio judge denied NEXUS Gas Transmission's request to immediately survey nearly 60 properties where it is proposing to build a high-pressure natural gas pipeline. The judge's ruling Wednesday says she won't grant NEXUS a 14-day window to survey 56 properties in Summit County, but will instead hold a trial in October to hear arguments about whether the Houston-based company should be granted access. NEXUS is seeking to build a 250-mile pipeline that would carry as much as 1.5 Bcf/d of natural gas across northern Ohio and into Michigan and Ontario, Canada. The company must survey all the properties along its proposed route before the Federal Energy Regulatory Commission can approve the project.

Reuters, 11:17 August 13, 2015

Other News

Nothing to report.

Port Explosions Disrupt Oil, Chemical Tanker Traffic in China August 13 – Source

Deadly explosions in the northeast Chinese port city of Tianjin disrupted chemical and oil tankers transiting the port and harbor area, shipping sources said on Thursday. Two huge explosions tore through an industrial area where toxic chemicals and gas were stored in Tianjin, killing at least 44 people and injuring hundreds, officials and state media said on Thursday. A crew member on board the very large crude carrier (VLCC) Samco Europe confirmed that the ship had been instructed to stop discharging their crude oil cargo because there was still a risk of explosion from the resulting fires. Tianjin is the home port for some of China's strategic oil reserves, which the government is currently in the process of filling. Reuters shipping data showed that there were currently more than two dozen oil and petrochemical products tankers in the Tianjin port region, either waiting to enter or leave the harbor zone. Reuters, 4:38 August 13, 2015

Energy Prices

U.S. Oil and Gas Prices			
August 13, 2015			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	42.22	44.64	96.96
NATURAL GAS Henry Hub \$/Million Btu	2.91	2.86	3.91

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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