



ENERGY ASSURANCE DAILY

Monday Evening, August 24, 2015

Electricity

Entergy's 653 MW Pilgrim Nuclear Unit 1 in Massachusetts Shut by August 23

The unit shut from full power due to a single main steam isolation valve 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/2015/20150824en.html>

Constellation's 1,120 MW Nine Mile Point Nuclear Unit 2 in New York Reduced to 90 Percent by August 22

On the morning of August 21 the unit was operating at full power.

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

PG&E's 407 MW Helms Hydro Unit 1 in California Shut by August 23

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201508231515.html>

PG&E's 144 MW Haas Aggregate Hydro Units 1 and 2 in California Shut by August 21

The units entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201508211515.html>

CDWR's 210 MW Pine Flat Hydro Unit in California Shut by August 21

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201508211515.html>

Exelon Reports Three Nuclear Power Plants Do Not Clear PJM Capacity Auction for 2018–2019 Planning Year

Exelon Corporation today announced that the 619 MW Oyster Creek, 855 MW Quad Cities, and 802 MW Three Mile Island nuclear power plants did not clear in the PJM capacity auction for the 2018-19 planning year. The auction is held annually by grid operator PJM to ensure enough power generation resources are available to meet demand in its region covering all or part of 13 states and the District of Columbia. This auction was the first held under new "capacity performance" reforms designed to spur investment in power plants that will improve their performance and strengthen electric grid reliability. The nuclear plants that did not clear in the auction will not receive capacity revenue from this auction. Although capacity revenue in a single year is an important consideration in a plant's long-term viability, it is just one of several factors Exelon will use to make decisions about its plants' future operations. Exelon is obligated to inform PJM this fall if any of its nuclear plants will not be participating in the auction next year. The new capacity auction rules were approved by the Federal Energy Regulatory Commission (FERC) to reflect the changing nature of the generation fleet as more intermittent renewable and gas-fired generation comes online. The reforms will result in fossil generators investing in their power plants to ensure reliability during extreme weather events and to have sufficient fuel on hand. Over the next few weeks, PJM will hold two transitional auctions to supplement PJM's prior capacity purchases for the 2016-17 and 2017-18 planning years with the new capacity performance product.

http://www.exeloncorp.com/Newsroom/pr_20150824_EXC_PJMauction.aspx

Update: FCCU at PBF's 182,200 b/d Delaware City, Delaware Refinery to Remain Shut at Least One Month Due to Fire August 21 – Source

The 65,000 b/d fluidic catalytic cracking unit (FCCU) at PBF Energy Inc's Delaware City, Delaware, refinery is expected to remain shut for at least a month of repairs following an explosion and fire on Friday, a source familiar with plant operations said on Sunday. Repairs could take much longer than a month, the source said, if necessary parts for a damaged wet gas compressor on the FCCU are not readily available. If a lengthy outage is needed, company officials may decide to carry out work planned for an overhaul that was set for spring 2016, the source said. Assessment of the damage was continuing on Sunday. No workers were injured in the explosion and resulting fire, but PBF said on Friday the Delaware City refinery was operating at reduced rates. Benchmark U.S. gasoline prices on Friday jumped by as much as 5 cents a gallon on fears that the FCCU could be damaged. Fire officials had said the fire burned for more than an hour before being put out.

Reuters, 20:42 August 23, 2015

Update: Increased Activity May Point to CDU Restart at BP's 413,500 b/d Whiting, Indiana Refinery August 23 – Genscape

Increased activity pointing to a possible restart was seen on Sunday afternoon around the large crude distillation unit (CDU) that has been shut since August 8 at BP Plc's Whiting, Indiana, refinery, Genscape said. While saying the activity was below operational levels, Genscape did say activity was seen at one of the unit's furnace stacks and increased heating was detected in the vacuum distillation section of the 240,000 b/d CDU, which is called Pipestill 12. Pipestill 12's outage has roiled U.S. oil and gasoline markets, and a lengthy outage had been anticipated until late last week when a report said leaks on the unit's heat exchanger may have been repaired and a restart could begin as early this week.

Reuters, 19:00 August 23, 2015

CVR Reports Emissions at Its 70,000 b/d Wynnewood, Oklahoma Refinery August 23

CVR Energy Inc reported a continuous release of ammonia and cyanide at its Wynnewood, Oklahoma, refinery, according to a filing with the National Response Center.

Reuters, 8:50 August 24, 2015

Flint Hills Says Production Unhurt by SRU Release at Its 293,000 b/d Corpus Christi, Texas Refinery August 24

Flint Hills Resources responded to a small release of sulfur dioxide from a sulfur recovery unit (SRU) at its Corpus Christi, Texas refinery. The company said the release was under control and crews were working to get the issue resolved. Production was not impacted.

Reuters, 12:08 August 24, 2015

Phillips 66 Reports Valve Leak on Process Unit at Its 247,000 b/d Sweeny, Texas Refinery August 21

Phillips 66 reported a pinhole leak on a process unit valve at its Sweeny, Texas refinery, according to a filing with the National Response Center.

Reuters, 8:58 August 24, 2015

Petrobras Shuts FCCU at Its 100,000 b/d Pasadena, Texas Refinery after Fire August 23 – Sources

Petrobras shut the 56,000 b/d fluidic catalytic cracking unit (FCCU) at its Pasadena, Texas, refinery following a fire on Sunday night, sources familiar with plant operations said.

Reuters, 1:01 August 24, 2015

Tesoro Reports Major Unit Start-Up at Its 166,000 b/d Martinez, California Refinery August 20

Reuters, 19:06 August 21, 2015

Oil-Covered Summerland Beach Closed Near Santa Barbara, California August 21

Santa Barbara County, California, officials were trying to determine the source of oil and tar balls that have forced the closure of Summerland Beach. The Public Health Department said Saturday that strong petroleum odors and oily substances on the beach have increased. The beach will remain off-limits until officials determine it's safe for the public. It's not clear when the beach might reopen or where the oil is coming from. The area has a history of natural oil seepage from the ocean floor and there are also old wells in the area. Samples were being tested but officials do not believe the oil is connected to a May pipeline break about 30 miles away.

http://cosb.countyofsb.org/uploadedFiles/phd/Press_Release/2015_Press_Releases/2015-08-21

<http://abcnews.go.com/US/wireStory/oil-covered-beach-santa-barbara-california-closed-33252684>

Natural Gas

Transco to Replace Pipes in Its 24-Inch Leidy Pipeline Segment in Pennsylvania October 15–23

Williams Cos Inc's Transcontinental Gas Pipeline Co (Transco) said it will replace pipe sections on its 24-inch Leidy Line A in Luzerne County, Pennsylvania October 15–23. The 10,200-mile Transco pipeline system from South Texas to New York City, with seasonal storage capacity of 197 Bcf, moves gas from the U.S. Gulf Coast and Appalachia to customers in the Southeast, Mid-Atlantic and Northeast, Williams said on its website.

Reuters, 16:11 August 21, 2015

Other News

Nothing to report.

International News

Libya's Oil Production at 350,000–400,000 b/d – Official

Libya is producing between 350,000 and 400,000 b/d, roughly half the level it was a year ago, the chairman of a state oil firm loyal to the country's internationally recognized government said on Monday. The chairman said his management was working to lift the force majeure on the closed oil ports of Es Sider and Ras Lanuf, the country's biggest, but no decision had made. Both ports have been shut since December when fighting broke out between factions allied to Libya's rival administrations.

Reuters, 8:21 August 24, 2015

Oil Pumping Suspended along Kirkuk-Ceyhan Pipeline August 24 – Shipping Source

Oil pumping along the Kirkuk pipeline from Iraq and the Iraqi semi-autonomous region of Kurdistan to the Turkish port of Ceyhan was suspended due to theft, a shipping agent said on Monday.

Reuters, 9:50 August 24, 2015

Energy Prices

U.S. Oil and Gas Prices			
August 24, 2015			
	Today	Week Ago	Year Ago
CRUDE OIL			
West Texas Intermediate U.S.	38.73	42.09	93.15
\$/Barrel			
NATURAL GAS			
Henry Hub	2.70	2.83	3.87
\$/Million Btu			

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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