



ENERGY ASSURANCE DAILY

Friday Evening, August 12, 2016

Electricity

Thunderstorms Knock Out Power to Over 66,000 FirstEnergy Customers in Ohio August 11

Thunderstorms producing high winds knocked out power to 66,155 FirstEnergy customers in Ohio on Thursday night. Crews were assessing the damage and it may take a couple of days to restore power, according to a utility spokesperson. As of 3:30 p.m. EDT Friday, 13,844 customers remained without power.

<http://outages.firstenergycorp.com/oh.html>

<http://www.newsnet5.com/news/local-news/oh-cuyahoga/thousands-without-power-after-thursdays-storms-in-cuyahoga-county>

DTE Energy Reports Fire Extinguished at Its 1,547 MW St. Clair Coal-fired Power Plant in Michigan August 12

DTE energy on Friday morning reported that a fire in a coal-fired generation unit at its St. Clair, Michigan power plant was extinguished. The fire, which started around 6:30 p.m. EDT on Thursday, prompted DTE to invoke its emergency plant procedures and shut down all other units at the site. With the fire extinguished, DTE said it will have limited access to the plant to begin assessing the situation. The plant is expected to remain shut and there was no estimate at this time as to when the plant will reopen. Air monitoring systems remain in place with readings continuing to be well within normal limits outside the facility perimeter, DTE added.

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

<http://www.mysanantonio.com/news/us/article/Massive-fire-reported-at-Michigan-power-plant-9137855.php>

Dominion's 871 MW Millstone Nuclear Unit 2 in Connecticut Shut August 11

The unit shut from full power due to the loss of two circulating water pumps

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2016/20160812en.html>

AES's 175 MW Redondo Gas-fired Unit 6 in California Reduced by August 11

The unit entered an unplanned curtailment of 125 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201608111515.html>

ERCOT Reports Texas Power Demand Hits Record Level of 71,197 MW August 11

The Electric Reliability Council of Texas (ERCOT) on Thursday reported that for the third time this week, electricity broke another record by exceeding 71,000 MW in system-wide hourly peak demand. ERCOT's demand reached 71,043 MW between 3:00 and 4:00 p.m. CDT on Thursday, and then topped out again at 71,197 MW between 4:00 and 5:00 p.m. CDT, which exceeded Wednesday's peak record by 625 MW. Beginning Friday and into next week, the current forecast anticipates less power consumption. As long as resources remain available when needed, ERCOT believes there will be sufficient generation. The grid operator will continue to monitor system conditions and will notify the public if there is a need for conservation.

<http://www.ercot.com/news/releases/show/103663>

ISO New England Cuts Exports to Preserve Grid Reliability in Heat Wave August 11

ISO New England, the operator of the New England power grid, started reducing power sales to customers outside of the six-state region on Thursday in order to preserve grid reliability through a heat wave. Additionally, the ISO told its members to avoid unnecessary work on transmission lines and power plants for the time being. The ISO forecast demand would peak at 25,100 MW on Thursday, which would top last year's high of 24,398 MW, but fall well short of the grid's all-time high of 28,130 MW set on August 2, 2006.

https://twitter.com/isoneengland?ref_src=twsrc%5Etfw

New York ISO Activates Demand Response Program to Reduce Load in Heat Wave August 12

The New York Independent System Operator (ISO), the state's grid operator, on Friday activated its demand response program to reduce electric usage as a heat wave hits the U.S. Northeast region. Demand response programs compensate consumers for reducing usage when called upon. New York ISO forecast power demand would reach 31,126 MW on Friday, down from Thursday's preliminary 32,076 MW peak, which was the highest seen so far this year. Thursday's peak exceeded last year's high of 31,138 MW, but fell short of the all-time high of 33,956 MW set in July 2013.

<http://www.nyiso.com/public/index.jsp>

Reuters, 12:14 August 12, 2016

Petroleum

Update: Fire Extinguished at Motiva's 235,000 b/d Convent, Louisiana Refinery August 11; HCU Heavily Damaged, Surrounded by High Water – Sources

The fire that broke out on Thursday from a 45,000 b/d heavy oil hydrocracker unit (HCU) at Motiva Enterprises' Convent, Louisiana refinery was safely extinguished that afternoon after burning for about four hours, sources familiar with the plant's operations said, adding that the fire was apparently caused by a pipe rupture. An initial damage assessment on Thursday revealed little damage to the unit's reactors where hydrogen is mixed with gas oil to produce motor fuels. Repairs to the HCU's structure could take between one and four months, although a detailed inspection could narrow or expand the time needed for repairs. On Friday morning, the fire-damaged HCU was surrounded by high water from heavy rains overnight. The sources said drainage was obstructed by rubber blocks that were placed in storm drains, which were intended to prevent hydrocarbons from contaminating the storm water system. Although the weather was challenging on Friday, a Motiva spokeswoman said the refinery "was running and making product," and that other units at the refinery were not in danger of flooding from the heavy rains across south Louisiana.

<http://www.reuters.com/article/us-usa-oil-refinery-motiva-idUSKCN10M26Q>

<http://www.reuters.com/article/us-usa-oil-refinery-motiva-idUSKCN10N1VG>

Update: BP's 413,500 b/d Whiting, Indiana Refinery Production Remains Cut August 11 – Sources

Production at BP Plc's Whiting, Indiana, refinery remains cut by about 25 percent due to the slow return of a wastewater treatment plant, sources familiar with plant operations said on Thursday. BP is carefully restoring the wastewater treatment plant's production in order to avoid a malfunction like one last week, which led to greater than permitted releases of sediments into Lake Michigan, the sources said. A BP spokesman declined on Thursday to discuss operations at the Whiting refinery.

Reuters, 20:12 August 11, 2016

Update: LyondellBasell's 263,776 b/d Houston, Texas Refinery at 80 Percent Capacity – Sources

Production at LyondellBasell Industries' Houston, Texas refinery was running between 75 and 80 percent of its capacity due to continuing problems with the sulfur recovery complex, said Gulf Coast market sources on Thursday. The sulfur recovery complex was hit by a power outage on Tuesday that knocked the refinery's production to half capacity. Prior to the power outage, the refinery had been running at full capacity.

Reuters, 20:09 August 11, 2016

PES Shuts FCCU at Its 335,000 b/d Philadelphia, Pennsylvania Refinery August 12 – Source; Alkylation Unit Restarts August 11

Philadelphia Energy Solutions (PES) was forced to shut the 85,000 b/d fluid catalytic cracking unit (FCCU) at the Girard Point section of its Philadelphia refinery complex on Friday, according to a source familiar with the plant's operations. The shutdown was not planned, but the source was uncertain why it occurred. The same unit was shut nearly two weeks ago due to a leak and restarted on August 4. On Thursday, PES restarted an alkylation unit at the Point Breeze section of the refinery after an unplanned outage, according to a filing with the state pollution regulator.

Reuters, 13:58 August 12, 2016

Reuters, 13:39 August 12, 2016

HollyFrontier Reports Excess Opacity from FCCU at Its 70,300 b/d Tulsa East, Oklahoma Refinery August 9

HollyFrontier Corporation reported excess opacity from the fluid catalytic cracking unit (FCCU) at its Tulsa East, Oklahoma refinery on August 9, according to a filing with the Oklahoma Department of Environmental Quality. Reuters, 13:00 August 12, 2016

Shell Shuts Crude Unit at Its 75,000 b/d Sarnia, Ontario Refinery for Week August 11 – Source

Royal Dutch Shell shut the 37,500 b/d crude unit at its Sarnia, Ontario refinery on Thursday for a week of repairs due to a leak, according to a source familiar with the plant's operations. Reuters, 15:37 August 11, 2016

BP Loads Cargo of ANS Crude Oil on Foreign-flagged Vessel for Export

BP Plc loaded a cargo of Alaskan North Slope (ANS) crude on the Cascade Spirit, a Bahamas-flagged Suezmax tanker, for export, according to two trade sources and Reuters Trade Flows data, the latest indication that exports of Alaskan crude are becoming less rare. While its destination was not immediately clear, the vessel is currently moving in the North Pacific Ocean towards Asia, according to Reuters Vessel Tracking data. ANS is almost exclusively transported to refineries on the U.S. West Coast using U.S. flagged vessels owned by BP, ConocoPhillips, and Exxon Mobil that comply with domestic maritime laws. ANS had been excluded from the decades-long ban on exporting U.S. crude, which was lifted in December 2015.

http://www.downstreamtoday.com/news/article.aspx?a_id=53122

Natural Gas

Nothing to report.

Other News

Nothing to report.

International News

Shell Nigeria Declares Force Majeure on Bonny Light Crude Liftings August 12

Shell's Nigerian unit on Friday declared force majeure for Bonny Light crude grade liftings due to a shutdown of the Nembe Creek Trunk Line in the Niger Delta following a leak. The Shell Petroleum Development Company of Nigeria Ltd (SPDC) is Shell's local unit.

Reuters, 9:49 August 12, 2016

Energy Prices

U.S. Oil and Gas Prices			
August 12, 2016			
	Today	Week Ago	Year Ago
CRUDE OIL			
West Texas Intermediate U.S.	44.42	41.78	43.17
\$/Barrel			
NATURAL GAS			
Henry Hub	2.67	2.89	2.84
\$/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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