



ENERGY ASSURANCE DAILY

Tuesday Evening, August 05, 2014

Electricity

Mississippi Power Announces Conversions, Closures of Some Coal-fired Generating Units in Mississippi and Alabama in Settlement with Sierra Club

Mississippi Power announced it was planning to repower, convert to natural gas, or retire several units at plants Watson and Sweatt in Mississippi, and plant Greene County in Alabama in order to comply with new federal environmental standards and meet obligations under a settlement with the Sierra Club. Mississippi Power will no longer use coal at the 1,215 MW Watson plant, converting its two remaining coal-fired units (199 MW Unit 4 and 578 MW Unit 5) to natural gas no later than April 16, 2015. The plant already has three units that operate on natural gas. At the 137 MW Sweatt plant, the company commits to retire two of the existing natural gas units (46 MW Unit 1 and 49 MW Unit 2), repower with more advanced technology or convert to an alternative non fossil-fuel source, no later than December 31, 2018. At 1,288 MW Greene County plant in Alabama (which is owned jointly with Alabama Power), Mississippi Power will cease coal operations and convert two units (299 MW Unit 1 and 269 MW Unit 2) to natural gas no later than April 16, 2016. With the repowering, natural gas conversion or retirement of certain units, Mississippi Power's energy mix is expected to be 60 percent powered by natural gas in 2020, according to the president and CEO of Mississippi Power.

<http://www.mississippipowernews.com/2014/08/04/mississippi-power-announces-settlement-with-sierra-club-conversions-or-closures-of-some-generating-units-2/>

<http://www.mississippipower.com/about-energy/plants/>

Update: Constellation's 480 MW Ginna Nuclear Unit in New York Restarts, Ramps Up to 50 Percent by August 5

Exelon Corp. restarted the unit on Tuesday following a shutdown for repairs on Monday. On Sunday the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

<http://www.bloomberg.com/news/2014-08-05/midwest-new-york-power-declines-as-demand-matches-forecasts.html>

Update: Southern's 1,152 MW Vogtle Nuclear Unit 1 in Georgia at Full Power by August 5

On the morning of August 4 the unit was operating at 60 percent after restarting by August 2. The unit was shut July 27 due to loss of the main feed pump during testing.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2014/20140728en.html>

Petroleum

Magellan's 300,000 b/d BridgeTex Crude Oil Pipeline in Texas Expected to Begin Shipment in September

Magellan Midstream Partners LP said Tuesday construction of its BridgeTex crude oil pipeline was in the final stages, with shipment expected to begin in September, in line with previous estimates for a third-quarter startup. It said tank construction at the Colorado City, Texas, origin point was complete, with line fill activities underway on portions of the 300,000 b/d pipeline. The 450-mile pipeline will move oil from the Permian Basin into the Houston area.

Reuters, 9:31 August 5, 2014

<http://www.magellanlp.com/magellannews.aspx?id=2147483963>

Kinder Morgan Expanding Crude and Condensate System in Texas

Kinder Morgan Energy Partners, L.P. (KMP) today announced it will build an interconnect and other facilities for its Kinder Morgan Crude and Condensate (KMCC) pipeline after entering into a long-term transportation agreement with Republic Midstream Marketing, LLC. Republic will construct a gathering pipeline from Lavaca County, Texas, to the new interconnection at KMP's DeWitt Station, near Cuero, Texas. In addition to the interconnection, KMP will build two storage tanks (each with 120,000 barrels of capacity), truck offloading racks and related facilities. The project is expected to come online in June 2015.

<http://phx.corporate-ir.net/phoenix.zhtml?c=93621&p=irol-newsArticle&ID=1955426&highlight>

Citgo Reports Normal Operations after Process Unit Upset at Its 163,000 b/d Corpus Christi, Texas Refinery August 4

Citgo Petroleum Corp reported its Corpus Christi, Texas West plant resumed normal operations with some maintenance work still in progress. The plant had experienced a process unit upset, according to a community information line.

Reuters, 19:12 August 4, 2014

Reuters, 16: 53 August 4, 2014

Phillips 66 Reports Small Leak Contained at Its 120,200 b/d Rodeo, California Refinery August 1

Phillips 66 reported a small valve leak that was contained on August 1 at its Rodeo, California refinery, according to a filing with Contra Costa Health Services.

Reuters, 15:56 August 4, 2014

Natural Gas

Biofuels Power to Build Small-Scale GTL Pilot Plant in Houston, Texas

Biofuels Power Corporation (BFLS) announced Monday it signed a letter of intent with ThyssenKrupp Industrial Solutions and Liberty GTL, Inc. to build a small-scale gas-to-liquid (GTL) demonstration facility in Houston, Texas (GTL Pilot Plant). The parties have established a non-binding target date to complete installation and commissioning of the GTL Pilot Plant on or before December 31, 2014. The purpose of the GTL Pilot Plant is to commercially demonstrate converting stranded natural gas resources to synthetic crude oil. The focus of the GTL Pilot Plant will be to optimize design and operability of small-scale gas-to-liquid facilities capable of converting 5–10 MMcf/d of natural gas into approximately 500 b/d of synthetic crude oil.

<http://www.biofuelspower.com/PressReleases/August2014.pdf>

Southern Union Reports Flaring at Its Keystone Gas Plant in Texas August 2

Southern Union reported flaring low pressure gas coming into its Keystone plant due to an unusually large volume of liquid at one of its field stations which caused the loss of the units at that location. Units 24 and 20 were already down at the plant due to maintenance and repairs.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=201820>

Other News

Nothing to report.

International News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
August 5, 2014			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	97.41	104.62	106.87
NATURAL GAS Henry Hub \$/Million Btu	3.79	3.82	3.39

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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