



ENERGY ASSURANCE DAILY

Wednesday Evening, August 12, 2015

Major Developments

OE/ISER Situation Report: Super Typhoon Soudelor

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

Enbridge to Reopen 600,000 b/d Flanagan South Pipeline, 193,300 b/d Spearhead Pipeline to Remain Shut For Excavation after Oil Leak into Waterway in Missouri August 11

Enbridge Inc said on Tuesday evening that it shut its 193,300 b/d Line 55 Spearhead pipeline and the adjacent 600,000 b/d Line 59 Flanagan South pipeline, following a crude oil release along Line 55 in Shelby County, Missouri, near Shelbina. The company said on Wednesday that it expects to reopen the Line 59 Flanagan South pipeline later on Wednesday or Thursday, but that it did not know how long the adjacent Line 55 Spearhead pipeline would remain shut as excavation to determine the cause of the leak was underway. The U.S. Pipeline and Hazardous Materials Safety Administration was investigating the spill, but no order has yet been issued, a spokesman for the regulator said on Wednesday. A spokesman for the Missouri Department of Natural Resources said that as of 9:30 a.m. CDT on Wednesday, processes are still underway to identify the source of the spill. Enbridge said that the environmental impact was being determined and no injuries had been reported. The closure of the Enbridge pipelines stemmed the flow of approximately 800,000 b/d of Canadian which may get bottlenecked in Alberta, traders said. The two pipelines are also the main conduits for Canadian heavy crude to reach the Gulf Coast.

Reuters, 13:30 August 12, 2015

Reuters, 18:46 August 11, 2015

Electricity

Strong Storms Knock Out Power to 122,000 Customers in Texas August 11

Strong storms hit Southeast Texas on Tuesday evening knocking out power to 112,000 CenterPoint Energy customers. The majority of remaining outages were in southeast Houston. As of 3:30 p.m. EDT Wednesday, 11,030 CenterPoint Energy customers remained without power.

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

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

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

Power Restored to Nearly All 11,400 Salt River Project Customers in Arizona August 12 after Monsoon Storm Hits August 11

A monsoon storm on Tuesday knocked out power to 11,400 Salt River Project customers in the metropolitan Phoenix, Arizona area. Wind gusts of up to 57 mph were reported. As of 3:30 p.m. EDT, 42 customers remained without power.

<https://myaccount.srpnet.com/MyAccount/Outages/public>

<https://twitter.com/SRPconnect>

<http://www.phoenixnewtimes.com/news/thousands-left-without-power-in-the-valley-after-a-morning-monsoon-storm-7557418>

Update: 5,000 NorthWestern Energy Customers Remain Without Power in Montana August 12 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. There were reports of fallen trees and power lines due to winds exceeding 70 mph. The utility said a transmission line damaged in the storm was being rebuilt to allow power flow to a substation serving Linda Vista customers. The utility said its goal was to have all outages, outside the Linda Vista area, restored by late Wednesday. As of 8 a.m. EDT on Wednesday, 5,000 customers remained without power.

https://twitter.com/NorthWestern_MT

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

Update: FPL's 839 MW Saint Lucie Nuclear Unit 1 in Florida Restarts, Ramps Up to 30 Percent by August 12

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>

High Desert Power's 830 MW Gas-fired Unit in California Reduced by August 11

The unit entered an unplanned curtailment of 108 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201508111515.html>

Dynegy's 335 MW El Segundo Gas-fired Unit 4 in California Shut by August 11

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201508111515.html>

Desert Sunlight's 300 MW and 250 MW Solar Units in California Shut by August 11

The units entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201508111515.html>

RRI Energy's 215 MW Mandalay Gas-fired Unit 1 in California Shut by August 9

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201508091515.html>

ERCOT System Breaks 69,000 MW in Hourly Peak Demand for First Time Ever in Texas August 10

For the first time in the Electric Reliability Council of Texas's (ERCOT's) history, hourly demand within the system on Monday broke the 69,000 MW threshold, with peak demand for electricity reaching 69,783 MW between 4 and 5 p.m. CDT and 69,408 MW between 3 and 4 p.m. CDT. The previous record of 68,912 MW lasted just four days before being bested by Monday's new all-time high. The system also broke its previous all-time weekend record during six operating hours this past weekend, with demand during the 4-5 p.m. CDT hour on Saturday, August 8, setting the new weekend record of 66,587 MW.

http://www.ercot.com/news/press_releases/show/73057

TVA Completes Comprehensive Testing of Systems at Its 1,150 MW Watts Bar Unit 2 in Tennessee August 11

The Tennessee Valley Authority (TVA) announced today the successful completion of important design testing on its new Watts Bar Unit 2 nuclear reactor and systems. The latest round of tests, called hot functional testing, marks the first time nearly 60 important systems operated together. Over a period of eight weeks, operators used the heat generated by plant equipment to increase the temperature and pressure of systems to normal operating levels. The unit's main turbine was also rolled up to normal operating speed using the plant's steam. Hot functional testing is a critical pre-operational requirement that TVA must complete prior to requesting an operating license from the Nuclear Regulatory Commission. That license is required before fuel can be loaded into the reactor. TVA will next conduct additional testing focusing on the integrity of primary containment and important safety-related equipment, such as emergency diesel generators. Watts Bar Unit 2 is approximately 99 percent complete.

http://www.tva.com/news/releases/julsep15/wb2_comprehensive_testing_complete.html

Update: CDU at BP's 413,500 b/d Whiting, Indiana Refinery Shut For At Least a Month – Sources

Heavy damage to the largest crude distillation unit (CDU) at BP Plc's Whiting, Indiana refinery will require at least a month to repair, sources familiar with the refinery's plans said on Tuesday. The sources stressed that the time frame for the CDU's restart was preliminary and may change. Piping inside the 240,000 b/d CDU, called Pipestill 12, was damaged in a malfunction on Saturday. Examination of the damaged crude unit was continuing on Tuesday, the sources said.

Reuters, 16:51 August 11, 2015

Update: Phillips 66 to Keep Powerformer Shut for 'Couple Weeks' at Its 238,000 b/d Linden, New Jersey Refinery – Source

Phillips 66 will keep a powerformer shut at its Bayway refinery in Linden, New Jersey as it fixes a leak that was discovered on Friday, according to a person who is familiar with the plant's operations. The powerformer unit was shut on Friday after the leak was discovered. The unit is expected to be shut for a couple weeks while the leak is fixed. There is no impact to other units at the refinery, the source said.

Reuters, 11:34 August 11, 2015

PES Running FCCU at Reduced Rates at Its 335,000 b/d Philadelphia, Pennsylvania Refinery August 11 – Source

Philadelphia Energy Solutions (PES) was running its 88,000 b/d fluid catalytic cracking unit (FCCU) in the Girard Point section of the refinery at reduced rates, according to a source familiar with the refinery's operations. The unit has been running at roughly 70,000 b/d since last week and it was unclear when the unit would return to full rates, the source said.

Reuters, 17:19 August 11, 2015

Valero Reports Excess Emissions from Platformer at Its 86,000 b/d Ardmore, Oklahoma Refinery August 7

Reuters, 13:30 August 12, 2015

HollyFrontier Reports Emissions at Its 70, 300 b/d Tulsa East, Oklahoma Refinery August 8

Reuters, 13:38 August 12, 2015

CVR Energy Reports Malfunction at Its 70,000 b/d Wynnewood, Oklahoma Refinery August 5

Reuters, 13:34 August 12, 2015

Update: Marathon Restarting Coker at Its 451,000 b/d Galveston Bay, Texas Refinery August 11 – Sources

Marathon Petroleum Corp on Tuesday was restarting a coking unit at the company's Galveston Bay refinery in Texas City, Texas. The coker was shut on August 4 and was kept shut for maintenance work, the sources said. Marathon restarted the refinery's hydrocracking unit on August 5 after it was shut from a malfunction on August 1.

Reuters, 18:47 August 11, 2015

Tesoro Reports Major Unit Start-Up at Its 166,000 b/d Martinez, California Refinery August 12

Reuters, 13:58 August 12, 2015

U.S. Crude Stocks Dip Last Week, Refineries Slightly Par Record High Output – EIA

Crude inventories fell by 1.7 million barrels in the last week, compared with analysts' expectations for a decrease of 1.8 million barrels. Crude stocks at the Cushing, Oklahoma delivery hub fell by 51,000 barrels to 57.1 million barrels, EIA said. Tanks in Cushing can store as much as 71.4 million barrels, according to EIA estimates. Refinery utilization rates remained unchanged, but crude runs fell by 46,000 b/d to 17.03 million b/d after reaching the highest run rates on record in previous weeks, EIA data showed.

Reuters, 10:35 August 12, 2015

U.S. Crude Oil Stocks Fall 847,000 Barrels – American Petroleum Institute

U.S. crude oil stocks fell less than expected last week, data from the American Petroleum Institute (API) showed on Tuesday. Crude oil inventories fell by 847,000 barrels in the week to August 7 to 458.8 million, compared with analysts' expectations for a decrease of 1.8 million barrels. Crude stocks at the Cushing, Oklahoma delivery hub fell by 34,000 barrels, API said.

Reuters, 16:35 August 11, 2015

Natural Gas

Southern Union Reports SRU Shut at Its Keystone Gas Plant in Texas August 10

Southern Union reported the sulfur recovery unit (SRU) shut when the auxiliary burner fire eye glass broke. Maintenance was called to make repairs.

<http://www2.tceq.texas.gov/oce/ee/index.cfm?fuseaction=main.getDetails&target=218577>

Other News

Nothing to report.

International News

Colombia's President Says Oil Output Will Struggle to Remain above 1 Million b/d

Maintaining Colombia's oil production above one million b/d will be difficult, due to a decrease in investment stemming from lower crude oil prices, President Juan Manuel Santos said on Tuesday. June was Colombia's ninth consecutive month of production slightly above the one million b/d threshold. Crude oil prices have fallen nearly 50 percent over the last year, a problem for Colombia, which receives approximately 20 percent of its foreign income from crude oil sales.

Reuters 15:31 August 11, 2015

Energy Prices

U.S. Oil and Gas Prices			
August 12, 2015			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	43.17	44.86	97.28
NATURAL GAS Henry Hub \$/Million Btu	2.84	2.82	3.95

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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