



ENERGY ASSURANCE DAILY

Monday Evening, September 26, 2016

Electricity

FPL's 839 MW Saint Lucie Nuclear Unit 1 in Florida Shut by September 26

On the morning of September 25 the unit was operating at 68 percent, reduced from full power on September 24.
<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

Exelon's 1,163 MW Byron Nuclear Unit 1 in Illinois Reduced to 78 Percent by September 26

On the morning of September 25 the unit was operating at full power.
<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

FirstEnergy's 1,235 MW Perry Nuclear Unit 1 in Ohio Reduced to 67 Percent by September 26

On the morning of September 25 the unit was operating at full power.
<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

Entergy's 836 MW Arkansas Nuclear Unit 1 in Arkansas Shut by September 24

On the morning of September 23 the unit was operating at 84 percent. The cause for the shutdown was not immediately known.
<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

Update: APS's 1,247 MW Palo Verde Nuclear Unit 3 in Arizona Ramps Up to 96 Percent by September 26

On the morning of September 25 the unit was operating at 87 percent after restarting on September 23. The unit shut from full power on September 20. The cause for the shutdown was not immediately known.
<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

SCE's 820 MW Big Creek Hydro Unit in California Reduced by September 25

The unit entered an unplanned curtailment of 467 MW.
<http://content.aiso.com/unitstatus/data/unitstatus201609251515.html>

Update: Solar Partners' 133 MW Ivanpah Solar Unit 2 in California Returns to Service by September 23

The unit returned from an unplanned outage that began on September 22.
<http://content.aiso.com/unitstatus/data/unitstatus201609231515.html>

Southern Company's 200 MW Tranquillity Solar Facility in California begins Operation September 26

Southern Company subsidiary Southern Power and Recurrent Energy on Monday announced the commercial operation of the 200 MW Tranquillity Solar Facility in California. Southern Power is the majority owner of the facility and Recurrent Energy, a subsidiary of Canadian Solar Inc., owns the remaining interest. Construction of the facility began in July 2015 on 1,900 acres of land in Fresno County, California. The electricity and associated renewable energy credits generated by the facility are being sold under a 15-year power purchase agreement with Southern California Edison.
<http://www.southerncompany.com/news/2016-09-26-spc-tranquillity.cshhtml>

Update: Duke Energy to Pay \$6 Million Fine for 2014 Coal Ash Spill in Dan River, North Carolina – DEQ

The North Carolina Department of Environmental Quality (DEQ) on Friday reached a settlement with Duke Energy that holds the utility accountable for environmental violations related to the February 2014 coal ash spill at the company's Dan River power plant in Eden. The fine addresses violations of the federal Clean Water Act that the company committed during and after the Dan River spill. In February, state regulators fined the utility \$6.8 million for the spill at Dan River. Duke Energy challenged the fine. The \$6 million settlement is in addition to Duke Energy's obligations under the state coal ash law to excavate and close the Dan River facility's coal ash ponds by August 1, 2019. The utility is required to close all of its coal ash ponds by 2029 and provide permanent alternative water supplies to residents around coal ash facilities by the fall of 2018. Under the North Carolina constitution, proceeds from the fine will go to a statewide fund for public schools.

<https://deq.nc.gov/press-release/duke-energy-agrees-pay-6-million-dan-river-spill>

Alcoa Receives FERC Approval to Continue Operating North Carolina Dams to 2055

The Federal Energy Regulatory Commission (FERC) on September 22 issued an operating license allowing Alcoa Inc. to continue operating four Yadkin River hydroelectric dams in central North Carolina until 2055. The dams were built beginning a century ago to power an aluminum smelter that was closed in 2007. The company has made about \$200 million since then by selling the electricity to commercial customers. Republican Gov. Pat McCrory and his Democratic predecessor, Beverly Perdue, have fought Alcoa's efforts to renew its federal operating license for the dams. Inexpensive energy from the dams on the state's second-largest river system could generate thousands of jobs in an otherwise underdeveloped region, both governors said, and the water is an important supply for North Carolina's 10 million residents. North Carolina's lawsuit challenging Alcoa's ownership of the riverbed and a second by an investment group that wanted to bid for the federal license are scheduled to be heard in federal appeals courts in the next two months. Alcoa said in July it planned to sell the dams to a Maryland company that specializes in running clean-power projects, Cube Hydro Partners, for an undisclosed price.

http://elibrary.ferc.gov/idmws/file_list.asp

Reuters, 20:01 September 23, 2016

Petroleum

HollyFrontier's 138,000 b/d El Dorado, Kansas Refinery Units Shut after Lightning Strike September 24

HollyFrontier Corp reported a lightning strike knocked out the sulfur block units causing a release of hydrogen sulfide to the flare, according to a filing with the National Response Center.

Reuters, 11:36 September 26, 2016

LyondellBasell Shuts CDU for Repairs at Its 263,776 b/d Houston, Texas Refinery after Brief Power Outage September 25 – Sources

LyondellBasell Industries' Houston refinery's 120,000 b/d crude distillation unit (CDU) was shut on Sunday for repairs following a brief power outage, said Gulf Coast market sources. CDU 536 was shut around midnight on Sunday to repair a leak that was discovered on a pump on the unit, the sources said. A 147,000 b/d CDU remains in production. A momentary power outage struck the refinery at about 6:30 p.m. CDT Sunday night and the refinery was working to restore normal operations throughout the night. Lyondell is conducting planned maintenance on the 57,000 b/d coking unit, which may cut the unit's production by up to one-half. A 42,000 b/d coker remains in operation at the refinery, the sources said. Lyondell has been weighing an offer from Saudi Aramco to purchase the refinery for its Motiva Enterprises joint venture.

Reuters, 10:58 September 26, 2016

ExxonMobil Reports Flaring at Its 344,600 b/d Beaumont, Texas Refinery September 26

ExxonMobil Corp reported flaring at its Beaumont refinery, according to a community information line.

Reuters, 5:07 September 26, 2016

Update: PBF Energy Continues Start-Up Process at Its 151,300 b/d Torrance, California Refinery September 26

PBF Energy said the start-up process was continuing at its Torrance, California refinery and it was supplying all its customers. Energy industry intelligence service Genscape on Monday reported the startup of a fluid catalytic cracking unit and a hydrocracker at the Torrance refinery. The refinery had experienced a power outage on September 19.

Reuters, 11:08 September 26, 2016

Natural Gas

DCP Midstream Reports Turbine Shut at Its 160 MMcf/d Goldsmith Gas Plant in Texas September 24

DCP Midstream reported turbine A shut due to the failure of the second stage discharge pressure. The shutdown as designed as a result of indication that the turbine was not operating under normal operating conditions. With the turbine down, the inlet gas pressures exceeded the setpoint of the valve to the flare. The pressure switch was replaced and the turbine was returned to normal operations. The turbine was able to restart processing gas and the flaring event ended.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=244458>

Enbridge Reports Power Outage at Its 150 MMcf/d Tilden Gas Plant in Texas September 25

Enbridge reported a power outage due to inclement weather conditions caused the plant to go offline. All gas was routed to the flare to curtail emissions and flow and process were adjusted as needed to minimize downtime. Power was restored and the system was brought back online.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=244460>

Other News

Nothing to report.

International News

Fire Breaks Out on Pemex Tanker in Gulf of Mexico, Crew Safe September 24

A fire broke out on Pemex's Burgos oil tanker in the Gulf of Mexico on Saturday, forcing the crew to be evacuated. The incident occurred off the coast of Boca del Rio in Veracruz state and all 31 crew members were safe, Pemex said. Early on Saturday evening, Pemex said that firefighting teams were still working to put out the blaze. The tanker was carrying 80,000 barrels of diesel and 70,000 barrels of gasoline, Mexico's Communications and Transport Ministry said.

<http://www.reuters.com/article/us-mexico-pemex-idUSKCN11U006>

Libya's AGOCO Increases Oil Output to 261,000 b/d

Libya's Arabian Gulf Oil Company (AGOCO) raised its production to 261,000 b/d—50,000 b/d higher than its output last week, a spokesman said on Monday. AGOCO, a subsidiary of the National Oil Corporation (NOC) that operates in eastern Libya, has boosted production since forces loyal to eastern commander Khalifa Haftar seized blockaded oil terminals earlier this month and the NOC announced it would reopen them for exports.

Reuters, 7:03 September 26, 2016

Nigeria's Trans Niger Pipeline Shut Due to Fire

Nigeria's Trans Niger Pipeline (TNP), which carries Bonny Light crude oil, was shut as a "precautionary measure" after a fire was observed, a spokesman for the Shell Petroleum Development Company of Nigeria Ltd (SPDC) said on Monday. It was not yet clear whether the export supplies would be subject to force majeure, according to Shell. The SPDC spokesman said that a fire was spotted on the "right of way" on the TNP at Gio in Ogoni land, one of two pipelines that export Bonny Light crude oil. The line is also the right of way for a Bonny-refinery pipeline belonging to the Petroleum Products Marketing Company (PPMC), a subsidiary of state oil company NNPC. A joint investigation visit will determine the cause and impact of the fire, the spokesman said.
Reuters, 11:52 September 26, 2016

Energy Prices

U.S. Oil and Gas Prices			
September 26, 2016			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	45.57	43.29	45.53
NATURAL GAS Henry Hub \$/Million Btu	3.03	2.94	2.56

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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