



U.S. DEPARTMENT OF ENERGY
Office of Electricity Delivery and Energy Reliability
Infrastructure Security and Energy Restoration

ENERGY ASSURANCE DAILY

Monday Evening, September 09, 2013

Electricity

AES's 226 MW Huntington Beach Gas-fired Unit 2 in California Shut by September 8

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201309081515.html>

CDWR's 933 MW Hyatt-Thermalito Hydro Unit in California Reduced by September 8

The unit entered a planned curtailment of 458 MW on September 8. On September 7, the unit returned from a planned curtailment of 458 MW that began September 6.

<http://content.caiso.com/unitstatus/data/unitstatus201309081515.html>

<http://content.caiso.com/unitstatus/data/unitstatus201309071515.html>

<http://content.caiso.com/unitstatus/data/unitstatus201309061515.html>

Ace's 118 MW Cogeneration Coal-fired Unit in California Shut by September 8

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201309081515.html>

AES's 496 MW Redondo Gas-fired Unit 8 in California Shut by September 8

The unit entered an unplanned outage on September 8. On September 7, the unit returned from an unplanned outage that began September 6.

<http://content.caiso.com/unitstatus/data/unitstatus201309081515.html>

<http://content.caiso.com/unitstatus/data/unitstatus201309071515.html>

<http://content.caiso.com/unitstatus/data/unitstatus201309061515.html>

RRI Energy's 741 MW Ormond Beach Gas-fired Unit 1 in California Returns to Service by September 7

The unit returned from an unplanned outage that began September 6.

<http://content.caiso.com/unitstatus/data/unitstatus201309071515.html>

<http://content.caiso.com/unitstatus/data/unitstatus201309061515.html>

Exelon's 1,093 MW Peach Bottom Nuclear Unit 3 in Pennsylvania Shut by September 9

On the morning of September 8 the unit was operating at 86 percent, according to the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

Entergy's 653 MW Pilgrim Nuclear Unit 1 in Massachusetts Shut by September 9

On the morning of September 8 the unit was operating at 76 percent, according to the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

TVA's 1,118 MW Browns Ferry Nuclear Unit 3 in Alabama Reduced to 75 Percent by September 9

On the morning of September 8 the unit was operating at full power, according to the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

DTE's 1,089 MW Fermi Nuclear Unit 2 in Michigan Shut by September 9

On the morning of September 8 the unit was operating at 68 percent, according to the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

Update: FirstEnergy's 1,235 MW Perry Nuclear Unit 1 in Ohio Shut September 7; Ramped Up to 24 Percent September 9

On the morning of September 7 the unit was shut for maintenance on a regulating transformer that has begun to show signs of degradation, according to the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

Dominion's 925 MW North Anna Nuclear Unit 1 in Virginia Shut by September 8

On the morning of September 7 the unit was operating at full power, according to the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

Entergy's 813 MW FitzPatrick Nuclear Unit in New York Reduced to 55 Percent by September 7

On the morning of September 6 the unit was operating at 90 percent, according to the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

Petroleum

Valero Says No Material Impact From Fire at Its 310,000 b/d Port Arthur, Texas Refinery September 8

Valero Energy Corp. said there were no production issues resulting from a fire on Sunday at one of its Port Arthur refinery's boilerhouses, which produce electricity for the plant. The plant's emergency response team extinguished the fire and no units at the refinery lost power or were shut down, a company spokesperson said.

Reuters, 8:29 September 9, 2013

Tesoro Reports Power Outage, Upset at Its 120,000 b/d Anacortes, Washington Refinery September 6

Tesoro Corp. reported a power outage and an upset at its refinery in Anacortes, Washington, according to a filing with the Northwest Clean Air Agency.

Reuters, 19:30 September 6, 2013

Imperial Oil Reported Operational Issue at Its 121,000 b/d Sarnia, Ontario Manufacturing Site September 6

Imperial Oil Ltd. reported an operational issue may lead to flaring at its Sarnia, Ontario, manufacturing site, according to a message posted on a community information line.

Reuters, 18:48 September 6, 2013

Philadelphia Energy Shuts Units for Repair at Its 335,000 b/d Point Breeze, Pennsylvania Refinery September 3

Philadelphia Energy Solutions reported it shut an alkylation unit for repairs at its refinery in Philadelphia, Pennsylvania, according to a filing with state regulators.

Reuters, 15:27 September 6, 2013

Enbridge Reports Tilden Gas Plant Shut Down in Texas September 6, 7

On the afternoon of September 6, Enbridge Inc. reported an unexpected electrical power failure caused the entire plant to shut down. The acid gas injectors (AGIs) shut down on low suction pressure resulting from the plant shutdown. Once electrical power was restored, normal plant operation was established. As acid gas was available, the AGIs were restarted and stabilized. Later that night, following the system-wide power outage, AGI no. 2 malfunctioned shutting down the unit. This shut down resulted in an electrical spike within the plant causing AGI no. 1 to shut down on compressor motor fault. After replacing the meter, the plant was restarted and stabilized. As acid gas became available, the AGI's were restarted and stabilized. On the morning of September 7, AGI no. 2 tripped on low suction pressure. During the restart of AGI no. 2, AGI no. 1 tripped due to an electrical fault. After the compressor was restarted and gas flow stabilized, AGI no. 2 was restarted once acid gas flow was established while AGI no. 1 required resetting of the electrical breaker. Later on September 7, AGI no. 1 tripped unexpectedly which resulted in a pressure swing that brought AGI no. 2 down due to fifth stage discharge pressure. Gas flow was curtailed and pressure reduced to allow for pressure stabilization on the plant. As acid gas became available AGI no. 2 was restarted and stabilized but AGI no. 1 will remain out of service pending determination of cause of malfunction.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=187766>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=187764>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=187762>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=187757>

Upton Reports Malfunctioning Amine System at Its 112 MMcf/d Benedum Gas Plant in Texas September 6

Upton reported its Benedum gas plant flared various gas streams when the plant experienced two upset issues. A power dip earlier in the morning occurred, and once that was restored and the site returned to normal operations, the amine system was discovered to be malfunctioning. Gas streams were automatically rerouted to the emergency flare as needed. The amine pump operations were stabilized, and the inlet gas entering the facility was reduced as the site worked to repair the amine exchanger.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=187759>

Other News

Nothing to report.

International News

Iraq's Majnoon Oilfield to Begin Producing 175,000 b/d Next Month

Iraq's Majnoon oilfield, which is run by Royal Dutch Shell, will start up production next month at a rate of 175,000 b/d, an oil ministry spokesman said on Monday. The Majnoon field is one of four large southern fields vital to Iraq's goal to at least double output that is now around 3 million b/d. In 2009, Iraq signed a series of service contracts with major oil companies such as Shell, BP, ExxonMobil, and Total to develop its oilfields, which had been neglected for decades due to wars and sanctions.

http://www.rigzone.com/news/oil_gas/a/128914/Iraqs_Majnoon_Oilfield_to_Begin_Producing_175000_Bpd_Next_Month

South Sudan Oil Output Reaches 200,000 b/d After Sudan Oil Deal September 9

South Sudan has increased crude production to more than 200,000 b/d after reaching an oil deal with Sudan last week and plans to restart more wells, the country's oil minister said on Monday. South Sudan's petroleum minister told reporters that oil production was now slightly above 200,000 b/d with an extra 100,000 b/d expected by the end of the year. Last week, output was 180,000 b/d, according to the ministry.

Reuters, 7:24 September 9, 2013

Venezuela Investigation Says Sabotage Caused 645,000 b/d Amuay Refinery Disaster in 2012

A 2012 explosion at the Amuay refinery, Venezuela's largest refinery, was the result of sabotage, according to an official investigation, the oil minister said on Sunday. The report, to be given today, says the blast came from a suspicious quick release of gas rather than a gradual leak. An opposition investigation into the Amuay refinery disaster concluded that poor maintenance and inadequate investment were to blame.

Reuters, 13:15 September 8, 2013

Energy Prices

U.S. Oil and Gas Prices September 9, 2013			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	109.84	108.07	96.42
NATURAL GAS Henry Hub \$/Million Btu	3.57	3.58	2.85

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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