



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

ENERGY ASSURANCE DAILY

Tuesday Evening, July 23, 2013

Electricity

Update: PPL's 1,105 MW Susquehanna Nuclear Unit 1 in Pennsylvania Ramped Up to 90 Percent by July 23

Operators had disconnected Unit 1 at the Susquehanna nuclear power plant in northeastern Pennsylvania from the regional power grid on Sunday to repair one of four valves that control the amount of steam going into the turbine. On Monday morning the unit was operating at 22 percent, according to the Nuclear Regulatory Commission.
<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

Update: TVA's 1,155 MW Browns Ferry Nuclear Unit 1 in Alabama at Full Power by July 23

On Saturday the Browns Ferry unit's high pressure coolant injection (HPCI) system was declared inoperable due to exceeding the allotted one hour time frame for instrument inoperability. The HPCI remained available for automatic and manual injection during this time period with operability restored to the unit within four hours. On Monday morning 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/>

Ameren's 1,125 MW Callaway Nuclear Unit in Missouri Ramped Up to 98 Percent by July 23

On the morning of July 22 the unit was operating at 65 percent, according to the Nuclear Regulatory Commission.
<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

First Solar's 290 MW Aqua Caliente Solar Unit in Arizona Shut by July 22

The unit entered an unplanned outage.
<http://content.aiso.com/unitstatus/data/unitstatus201307221515.html>

Petroleum

BP's Thunder Horse 250,000 b/d Oil Platform in Gulf of Mexico Shut Due to Force Majeure on Destin Gas Pipeline – Traders

BP Plc's Thunder Horse oil and gas production platform in the Gulf of Mexico has been shut while work is done on the Destin Gas Pipeline, traders and brokers said on Monday. Destin Pipeline Co LLC on Sunday declared force majeure on an offshore portion of its natural gas pipeline system and said it would not be able to provide service through its natural gas processing plant in Pascagoula, Mississippi for up to seven days ([See story in Natural Gas section](#)). The Thunder Horse platform produces 250,000 b/d of oil and 200 MMcf/d of natural gas.
Reuters, 19:03 July 22, 2013

Enbridge Shuts Crude Oil Pipeline in North Dakota After Leak July 23

Enbridge Inc reported it shut a transmission pipeline in Rugby, North Dakota after a leak of about one barrel of crude oil due to unknown causes, according to a filing with regulators. The release has been secured and environmental crews are on site, the filing with the U.S. National Response Center said.
Reuters, 2:25 July 23, 2013

Update: Shell's 600,000 b/d Motiva Port Arthur, Texas Refinery Returns to Normal Operations July 23

Royal Dutch Shell Plc on Tuesday said its Motiva refinery had returned to normal operations following a shutdown of some units. The company had reported the shutdown of some unspecified units due to adverse weather conditions last week.

Reuters, 10:58 July 23, 2013

FCCU to Remain Shut through Late July at Valero's 310,000 b/d Port Arthur, Texas Refinery – Traders

Valero Energy Corp reported a fluid catalytic cracking unit (FCCU) at its refinery in Port Arthur, Texas is expected to remain shut for repairs through late July, U.S. Gulf Coast products traders said on Monday. Valero began shutting the unit on July 12 and the company has no timeline for the unit's restart, a spokesperson said on Monday.

Reuters, 11:26 July 22, 2013

Praxair Launches New Hydrogen Plant to Supply Valero's 310,000 b/d Port Arthur, Texas Refinery July 22

Praxair, Inc announced on Monday the start-up of its 135 MMcf/d hydrogen plant serving the Valero refinery in Port Arthur, Texas and other customers. The new plant houses a large steam methane reformer which supplies hydrogen and up to 450,000 pounds per hour of steam to Valero's new 57,000 b/d hydrocracker.

<http://www.praxair.com/news/2013/praxair-expands-hydrogen-supply>

Phillips 66 Reports Flaring at Its 362,000 b/d Wood River, Illinois Refinery July 22

Phillips 66 reported that an unspecified problem led to flaring at its Wood River refinery in Roxana, Illinois, according to a filing with state pollution regulators. The incident on Monday led to nitrogen dioxide emissions, the filing with Illinois Emergency Management Agency said.

Reuters, 4:14 July 23, 2013

Update: Operations Running Normally at Tesoro's 166,000 b/d Martinez, California Refinery July 22

Tesoro Corp said operations were running normally at its Golden Eagle refinery in Martinez, California. The company had said July 19 that a unit was shut for unplanned work.

Reuters, 14:46 July 22, 2013

Update: Operations Running Normally at Shell's 145,000 b/d Anacortes, Washington Refinery July 22

Royal Dutch Shell said its Puget Sound refinery in Anacortes, Washington is operating as planned. The refinery had reported that a fuel gas compressor went down on July 16, in a filing with Northwest Clean Air Agency.

Reuters, 15:42 July 22, 2013

Inter Pipeline Fund to Construct New Pipeline Lateral to Provide Bitumen Blend Transportation to Canexus Rail Loading Facility in Alberta

Inter Pipeline Fund announced Monday that it entered into a binding agreement with Canexus Corporation to transport bitumen blend to Canexus' unit train rail loading operations near Bruderheim, Alberta. Under the terms of the 10-year agreement, Inter Pipeline will provide Canexus with 100,000 b/d of firm capacity on a new pipeline lateral from the Cold Lake pipeline system. Construction of the new pipeline lateral and metering facility will start in August, with an expected in-service date of mid-2014.

<http://www.interpipelinefund.com/news/news-releases.cfm?newsReleaseAction=view&releaseId=145>

Natural Gas

Update: Destin Pipeline Removing Liquids from 1 Bcf/d Pascagoula Gas Plant; Expects to Lift Force Majeure on Offshore Gulf of Mexico Receipt Points, Restart Plant July 24

Destin continues removing liquids from the Pascagoula Liquid Handling Facility and now estimates this operation will be completed on or around noon on July 24, 2013. At this point, the Destin force majeure event will be lifted, the Pascagoula Gas Plant will be able to re-start operations and Destin will be ready to accept nominations for gas transportation service from offshore receipt points. However, Destin estimates there is a significant amount of liquids remaining in the offshore segment. Once operations commences this remaining liquid must be processed through the Destin liquid handling facility. In the event that the remaining liquids exceed the Destin liquid handling capacity, the system will be shut down. The Destin Pipeline has a capacity of 1.2 Bcf/d. The Pascagoula Gas Plant has a gas processing capacity of 1 Bcf/d and liquid removal capacity of 10,000 b/d.

<http://www.destin-pipeline.com/>

Dominion East Ohio Reports 8-Inch Gas Line Breach in New Franklin, Ohio July 22

A rupture of a high-pressure 8-inch pipe at Dominion East Ohio's gas well was mistaken for an explosion and led to the evacuations of hundreds of residents, according to authorities. The failure of a high-pressure gas line in New Franklin, Ohio, caused a loud noise Monday morning and led authorities to evacuate residents. There were no injuries and no loss of gas service to customers. The company is working to determine the cause of the rupture of the gas line connecting a compressor station and storage well, according to a Dominion East Ohio spokesperson.

http://www.wchstv.com/newsroom/oh/201307221314_03f4a7a.shtml

Flaring Reported at Southern Union's 140 MMcf/d Keystone Gas Plant in Texas July 22

Southern Union reported the inlet field gas flared at its Keystone plant due to the field unit being down. Additional information will be available once the final report is complete.

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=185777>

Other News

Nothing to report.

International News

Update: South Sudan Starts Closing Oil Wells July 23

South Sudan will shut down production at a clutch of oil blocks on Thursday and will continue closing all wells at the insistence of Sudan over allegations of support for rebels that operate across their border, its oil minister said on Tuesday. The African country started shutting its output last week after Sudan said it would close two cross-border oil pipelines within 60 days unless South Sudan gave up support for Sudanese rebels.

Reuters, 9:06 July 23, 2013

Update: Crude Oil Pumping Resumes on Iraq's Kirkuk-Ceyhan Pipeline July 22

Crude oil flow resumed Monday on the Kirkuk-Ceyhan pipeline from Iraq to Turkey, a shipping source said on Tuesday. The pipeline, which has been mostly down since June 21 due to leaks, delivers Iraq's medium sour Kirkuk grade to the Turkish port of Ceyhan on the Mediterranean. Around 280,000 barrels remain in storage and the last vessel had to wait for 29 days in Ceyhan before loading crude.

Reuters, 4:44 July 23, 2013

Update: Protest Halts Libyan Port's Oil Exports for Sixth Day July 22

Protesters demanding jobs closed off Libya's Port Zueitina for a sixth day on Monday, extending a halt in oil exports, according to a senior oil industry source. Zueitina Oil Company pumps approximately 65,000 b/d but its terminal has the capacity to handle about 20 percent of Libya's crude oil exports.

Reuters, 11:59 July 22, 2013

Energy Prices

U.S. Oil and Gas Prices July 23, 2013			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	107.15	105.99	88.63
NATURAL GAS Henry Hub \$/Million Btu	3.68	3.67	3.03

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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