



# ENERGY ASSURANCE DAILY

Friday Evening, June 02, 2017

## ***Electricity***

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### **Update: MLGW Continues Restoration Efforts in Tennessee June 2 after Storms Hit May 27**

Memphis Light, Gas and Water (MLGW) on Friday was continuing restoration efforts after strong storms knocked out power to approximately 188,000 customers on May 27. The utility said full restoration could extend into early next week. As of 3:30 p.m. EDT Friday, 23,037 customers remained without power. A total of 101 contract overhead line crews have joined MLGW's overhead line crews to restore services. In addition, there are a total of 78 tree trimming crews removing debris from damaged power lines, the utility said, adding that as it tackles smaller outages, the rate of restoration will slow down due to more intensive work.

<http://www.mlgw.com/residential/outagemap>

<http://www.mlgw.com/news/may-2017-storm-june-2-1>

<https://twitter.com/MLGW>

### **Exelon's 1,161 MW Braidwood Nuclear Unit 1 in Illinois Reduced to 76 Percent by June 2**

On the morning of June 1 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2017/>

### **Luminant's 1,150 MW Comanche Peak Nuclear Unit 2 in Texas Reduced to 73 Percent by June 2**

On the morning of June 1 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2017/>

## ***Petroleum***

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### **Phillips 66 Reports Transformer Trip, Emissions at Its 247,000 b/d Sweeny, Texas Refinery June 2**

Phillips 66 reported three transformers on the electrostatic precipitator tripped offline on Friday at its Sweeny, Texas refinery resulting in emissions from the regenerator flue gas stack, according to a filing with the Texas Commission on Environmental Quality. The company said the deluge system activated at the Cogen Unit, which caused the GSU2 transformer to arc, resulting in a low voltage power dip. Phillips 66 said the transformer reset itself and power was restored.

Reuters, 15:54 June 2, 2017

### **Update: Shell Reports No Impact to Operations at Its Deer Park, Texas Refinery, Petrochemical Facility after Leak June 1**

Royal Dutch Shell said there was no impact to operations at its Deer Park, Texas facility after an onsite leak on June 1. The company operates a 285,500 b/d joint-venture refinery at the facility.

Reuters, 16:56 June 1, 2017

### **Update: Phillips 66 Shuts Pipeline after Leak near Port of Long Beach, California June 1**

Phillips 66 on Thursday said a crew performing maintenance work discovered a small crude oil leak from a pipeline near the Port of Long Beach in Southern California. Phillips 66 said the pipeline was shut and the oil was contained within the existing excavation site.

Reuters, 17:47 June 1, 2017

## **U.S. Crude Oil Exports Reach Over 1 Million b/d in April – U.S. Census Bureau**

U.S. crude oil exports reached 1,001,000 b/d in April compared with 834,000 b/d the March, foreign trade data from the U.S. Census Bureau showed on Friday. Exports to China were 323,000 b/d while Canada received 296,000 b/d. Reuters, 8:42 June 2, 2017

## **Ohio EPA Finds Diesel Fuel in ETP Drilling Mud Spill Samples June 1**

The Ohio Environmental Protection Agency (EPA) on Thursday said it detected diesel fuel in drilling fluid samples from a spill that occurred in April during Energy Transfer Partners' (ETP) construction of its 3.25 Bcf/d Rover natural gas pipeline. The spill occurred while drilling under the Tuscarawas River in Ohio and released about 2 million gallons of drilling fluid into a wetland. ETP said in an email it was fully cooperating with the Federal Energy Regulatory Commission (FERC) and the Ohio EPA, noting "there is no evidence that the source of the hydrocarbons is related to our drilling activity." ETP said it still expects the project to enter service in two phases in late July and November 1. The Rover pipeline, once finished, will have the ability to transport 3.25 Bcf/d of gas, enough to supply about 15 million U.S. and Canadian homes. The Ohio EPA in May fined ETP \$431,000 to resolve numerous water and air pollution violations during construction of Rover, including the wetland spill. Reuters, 18:38 June 1, 2017

## **Natural Gas**

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### **Atlas Reports Amine Heater Shut at Its 200 MMcf/d Driver Gas Plant in Texas June 1**

Atlas reported its Driver gas plant was shut due to loss of ignition in the amine heater. Once the amine heater was able to be relit, operators started up the plant and the emission event ended.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=259299>

### **DCP Midstream Reports Excess Emissions at Its 160 MMcf/d Goldsmith Gas Plant in Texas June 1**

DCP Midstream reported an electrical storm in the Permian Basin forced numerous producers and booster stations to curtail gas to the Goldsmith gas plant. The fluctuations in the feed to the plant prevented the sulfur recovery unit (SRU) from controlling the oxygen and sulfur ratios compared to normal operations, causing emissions greater than the permitted limit. Once the gas feed stabilized, operations were able to return the process to steady state.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=259325>

### **Targa Reports Unit Shut at Its 195 MMcf/d Midkiff Gas Plant in Texas June 1**

Targa reported the screens for the Consolidator Cryogenic Process became plugged, causing pressures to rise in the demethanizer tower. To prevent over pressure conditions in the process unit, the consolidator Cryogenic Process was shut to replace the screens, routing inlet gas and residue gas to the flare. Inlet gas was redirected to other Targa plants through offload compressor stations to help minimize the event. Once the screens were replaced and operations restarted the Consolidator Cryogenic Process, the flaring event ended.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=259368>

### **DOE Approves LNG Exports from Delfin's Offshore Louisiana Terminal June 2**

The U.S. Department of Energy (DOE) approved Delfin's application to export liquefied natural gas (LNG) from its proposed offshore Louisiana floating terminal in the Gulf of Mexico. The approval allows for 1.8 Bcf/d of LNG to countries that don't have free-trade agreements with the U.S. The project consists of four floating LNG vessels with a total export capacity of 13 million metric tons a year.

Reuters, 12:44 June 2, 2017

[http://www.rigzone.com/news/oil\\_gas/a/150415/First\\_Floating\\_Gas\\_Terminal\\_in\\_Gulf\\_Gains\\_Approval\\_for\\_Exports](http://www.rigzone.com/news/oil_gas/a/150415/First_Floating_Gas_Terminal_in_Gulf_Gains_Approval_for_Exports)

## FERC Approves Cheniere’s Request to Introduce Feed Gas into Train 4 at Its Sabine Pass LNG Export Terminal in Louisiana June 1

The Federal Energy Regulatory Commission (FERC) on Thursday granted Cheniere Energy’s request to introduce feed gas into the fourth processing train at its Sabine Pass liquefied natural gas (LNG) export facility in Louisiana. The company has said it expects Train 4 to enter service during the second half of 2017. Sabine Pass Liquefaction, LLC, a subsidiary of Cheniere Partners, is developing, constructing and operating natural gas liquefaction facilities at the Sabine Pass LNG terminal located in Cameron Parish, Louisiana adjacent to the existing regasification facilities. The Sabine Pass site can readily accommodate up to six liquefaction trains capable of processing over 3.5 Bcf/d of natural gas. The production capacity of each LNG train is being designed for approximately 4.5 million tons per year (mtpa).

<https://elibrary.ferc.gov/idmws/search/advResults.asp>

<http://www.cheniere.com/terminals/sabine-pass/trains-1-6/>

Reuters, 21:03 June 1, 2017

## Other News

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Nothing to report.

## International News

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### Nigeria to Load 197,000 b/d of Forcados Oil in June; First Loading Schedule since 2016 – Reuters

Nigeria will export 197,000 b/d of Forcados crude oil in June, according to a loading schedule seen by Reuters, the first issued since 2016. The grade has been closed for all but a few weeks following militant attacks on the main Trans Forcados export pipeline in February 2016. The seven cargoes planned for June export follow three that have loaded at the terminal since it resumed operations late last month, according to traders.

Reuters, 8:22 June 2, 2017

## Energy Prices

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U.S. Oil and Gas Prices			
June 2, 2017			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b>			
<b>West Texas Intermediate U.S.</b> \$/Barrel	47.68	48.57	49.09
<b>NATURAL GAS</b>			
<b>Henry Hub</b> \$/Million Btu	2.93	3.11	2.26

Source: Reuters

## Links

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***This Week in Petroleum*** from the U.S. Energy Information Administration (EIA)

<https://www.eia.gov/petroleum/weekly/>

Updated every Wednesday.

***Weekly Petroleum Status Report*** from EIA

[http://www.eia.gov/oil\\_gas/petroleum/data\\_publications/weekly\\_petroleum\\_status\\_report/wpsr.html](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

<https://www.eia.gov/naturalgas/weekly/>

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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