



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

ENERGY ASSURANCE DAILY

Wednesday Evening, May 31, 2017

Electricity

Update: MLGW Continues Restoration Efforts in Tennessee May 31 after Storms Hit May 27

Memphis Light, Gas and Water (MLGW) on Wednesday was continuing restoration efforts after strong storms knocked out power to approximately 188,000 customers on Wednesday. Straight line winds and nearly two inches of rainfall contributed to the majority of the outages. As of 3:30 p.m. EDT Wednesday, 42,557 customers remained without power. MLGW on Wednesday said workers were focusing on smaller outages, which require more intensive work and would slow the rate of restoration. Crews will have more obstacles such as making repairs in backyards where poles and wires are situated. An additional 73 crews from neighboring states were assisting with repairs; however full restoration could take more than a week.

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

<http://www.mlgw.com/news/>

<https://twitter.com/MLGW>

<http://wreg.com/2017/05/31/officials-to-provide-update-on-recovery-efforts-wednesday/>

Southern's 1,152 MW Vogtle Nuclear Unit 1 in Georgia Reduced to 81 Percent by May 31

On the morning of May 30, the unit was operating at full power.

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

Exelon's 1,022 MW Clinton Nuclear Unit in Illinois Shut May 30

The unit shut from 16 percent due to an automatic reactor scram.

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

<https://www.nrc.gov/reading-rm/doc-collections/event-status/event/2017/20170531en.html>

NMC's 522 MW Prairie Island Nuclear Unit 1 in Minnesota Reduced to 6 Percent by May 31

On the morning of May 30, the unit was operating at 54 percent.

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

Watson Cogeneration Company's 417 MW Natural Gas-Fired Unit in California Returns to Service by May 30

The unit returned from an unplanned curtailment of 209 MW that began on May 29.

<http://content.caiso.com/unitstatus/data/unitstatus201705301515.html>

Solar Partners' 133 MW Ivanpah Solar Unit 2 in California Shut by May 30

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201705301515.html>

Dynegy's 1,488 MW Brayton Point Coal-Fired Unit Permanently Shut in Massachusetts May 31

The largest and one of the last coal-fired power plants in the New England region will cease operating on Wednesday. Dynegy on Monday said its Brayton Point power plant in Somerset, Massachusetts would be closed by June 1. The decision to shut the facility was determined in 2013 before Dynegy owned the facility. New England's electric grid operator says the low price of natural gas has led coal plants to retire. Three smaller coal plants still operate in New Hampshire and Connecticut, though the facility in Connecticut is expected to close by 2021. Reuters, 14:47 May 31, 2017

Petroleum

Citgo Reports Power Interruption, FCCU Upset at Its 157,500 b/d Corpus Christi, Texas Refinery May 29

Citgo Petroleum Corp reported the charge pump on the fluid catalytic cracking unit (FCCU) lost power at the East plant of its Corpus Christi, Texas refinery due to a power blip during a storm on May 29, according to a Texas Commission on Environmental Quality filing. The regenerator pressure dropped and quickly increased the air blower rate, resulting in an upset condition and excess opacity emissions, the company said. According to the filing, the charge pump was restarted within a few minutes and the unit was returned to normal operations.

Reuters, 18:00 May 30, 2017

Colonial Pipeline to Alternate Shipments of Premium Conventional Gasoline through Summer 2017 Due to Low Shipper Demand

Colonial Pipeline on Wednesday said it would begin alternating shipments of premium conventional gasoline through the summer, and resume shipping every cycle in the fall, according to a notice to shippers. Colonial updated its 2017 RVP calendar to incorporate alternating cycles of the high octane gasoline, known as "V grade," effective for cycle 37. The company said on May 11 that V-grade volumes continued to decrease and invited comments from shippers to weigh the merits of either eliminating V grade shipments or alternating cycles. Colonial's 1.3 million b/d main gasoline line runs from Houston, Texas to Greensboro, North Carolina.

Reuters, 9:43 May 31, 2017

Natural Gas

Enbridge Reports SCOT Plant Temporarily Shut at Its Pittsburg Gas Plant in Texas May 30

Enbridge reported the SCOT plant was temporarily shut after experiencing a plugged absorber line, causing the nose pressure to rise. Inlet rates were cut and plant operations were manually adjusted during the upset. When the plugging was removed, plant personnel worked to bring the equipment back online. To mitigate emissions during this event, the thermal oxidizer was utilized.

<http://www2.tceq.texas.gov/oce/ear/index.cfm?fuseaction=main.getDetails&target=258988>

Other News

Nothing to report.

International News

French Fuel Transporters Strike Leads to Local Shortages at Gas Stations May 30–31

Total on Wednesday reported a strike by fuel transporters, which began on May 26, has caused about 24 percent of its gas stations to run out of fuel in the Ile-de-France region, which includes Paris. A company spokesperson said 83 out of its 340 gas stations in that region were dry on Wednesday, compared with 40 stations on Tuesday. Nationally, only four percent of Total's 2,200 gas stations were out of fuel and a picket line was hindering supply from three fuel depots, which were operating at minimum capacity. The striking drivers, affiliated to the CGT trade union, are demanding wage increases and other work benefits. There were no official figures available for the more than 11,000 other stations across the country, but France Info radio reported that 523 gas stations were completely dry, while another 400 were partially out of fuel. France's Transport Minister said there was no widespread shortage beyond supply difficulties at certain areas.

http://www.rigzone.com/news/oil_gas/a/150373/Transporters_Strip_Causes_Shortages_at_Petrol_Stations_in_France

Reuters, 12:18 May 31, 2017

Energy Prices

| U.S. Oil and Gas Prices | | | |
|--|-------|----------|----------|
| May 31, 2017 | | | |
| | Today | Week Ago | Year Ago |
| CRUDE OIL West Texas Intermediate U.S. \$/Barrel | 48.29 | 51.12 | 49.05 |
| NATURAL GAS Henry Hub \$/Million Btu | 3.05 | 3.21 | 1.77 |

Source: Reuters

Links

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

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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