



ENERGY ASSURANCE DAILY

Monday Evening, June 13, 2016

Electricity

Severe Thunderstorms Knock Out Power to Over 105,000 Customers in Wisconsin, Minnesota June 10

A major line of thunderstorms knocked out power to at least 75,500 WPS customers in Wisconsin and 30,000 Xcel Energy customers in Minnesota and Wisconsin late Friday afternoon. The storms produced heavy rains and damaging winds of up to 75 mph, bringing down powerlines and trees across west-central and northern Wisconsin and southeastern Minnesota. By Sunday, the vast majority of customers had power restored and as of 2:30 p.m. EDT Monday, 4 WPS customers in Wisconsin and 137 Xcel Energy customers in Minnesota and Wisconsin remained without power.

<https://accel.wisconsinpublicservice.com/outagesummary/view/outagegrid.aspx>

<https://twitter.com/WIPublicService>

http://www.outagemap-xcelenergy.com/outagemap/?_ga=1.201956182.695501527.1465840459

<https://www.facebook.com/XcelEnergyWI/?fref=ts>

<http://www.wqow.com/story/32197396/2016/06/10/xcel-reporting-a-number-of-customers-without-power>

<http://minnesota.cbslocal.com/2016/06/10/15000-without-power/>

<http://wsau.com/news/articles/2016/jun/12/central-northern-wisconsin-power-outages-friday/>

Strong Thunderstorms Knock Out Power to Over 64,000 Customers in Texas June 12–13

Strong thunderstorms producing heavy rain and flooding knocked out power to at least 39,015 Oncor customers and 25,000 CenterPoint Energy customers in Texas on Sunday night into Monday. Damaging winds of up to 60 mph were reported. As of 2:30 p.m. CDT, 14,266 Oncor customers and 1,453 CenterPoint Energy customers remained without power.

<http://stormcenter.oncor.com/external/default.html>

http://gis.centerpointenergy.com/outagetracker/?WT.ac=OC_Image_Callout

<https://twitter.com/cnpalerts>

<http://www.nbcdfw.com/news/local/North-Texas-Storms-Leave-Some-Without-Power-382630851.html>

Lansing BWL Reports 25,000 Customers Briefly without Power Due to Substation Problem in Michigan June 10

Lansing Board of Water & Light (BWL) on Friday reported about 25,000 customers lost power due to a problem with the Eckert Power Plant's substation. A tripped line at the substation caused power outages in Lansing and portions of East Lansing and Delta Township, according to BWL's general manager. Power was nearly fully restored within two hours.

<https://www.facebook.com/LansingBWL>

<http://outageinfo.lbwl.com/>

<http://www.lansingstatejournal.com/story/news/local/2016/06/10/lansing-power-outage/85696900/>

Exelon's 1,134 MW Limerick Nuclear Unit 2 in Pennsylvania Reduced to 85 Percent by June 13

On the morning of June 12 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

Dominion's 1,130 MW Millstone Nuclear Unit 3 in Connecticut Shut June 12

The unit shut from full power due to a technical specification.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2016/20160613en.html>

Duke Energy's 1,129 MW Catawba Nuclear Unit 2 in South Carolina Reduced to 50 Percent by June 13

On the morning of June 12 the unit was operating at 62 percent, reduced from full power on June 11.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

TVA's 1,155 MW Browns Ferry Nuclear Unit 1 in Alabama Reduced to 90 Percent by June 11

On the morning of June 10 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

Exelon's 855 MW Quad Cities Nuclear Unit 2 in Illinois at Full Power by June 11

On the morning of June 10 the unit was operating at 87 percent reduced from full power on June 9.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

Entergy's 966 MW River Bend Nuclear Unit 1 in Louisiana Shut by June 11

On the morning of June 10 the unit was operating at full power. The cause of the shutdown was not currently available.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

Dynegy's 510 MW Moss Landing Gas-fired Unit 2 in California Shut by June 12

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201606121515.html>

U.S. Supreme Court Rejects Challenge to Mercury Air Pollution Rule June 13

The U.S. Supreme Court on Monday let stand a lower-court ruling that left in place Obama administration environmental regulations limiting power plant emissions of mercury and other toxic pollutants while the Environmental Protection Agency (EPA) revised them. The justices opted not to hear an appeal by 20 states, led by Michigan, of a December U.S. appeals court decision that said the rules could remain intact while the government responded to last year's Supreme Court ruling that the EPA should have considered the compliance costs when crafting the regulations. The rules affect mainly coal-fired power plants.

<http://www.scotusblog.com/2016/03/epas-mercury-pollution-rule-remains-in-effect/>

Reuters, 1:46 June 13, 2016

Petroleum

Update: Union Pacific Says Broken Lag Bolt Caused Oil Train Derailment in Oregon June 3

A broken lag bolt on the track caused an oil train to derail near Mosier on June 3, Union Pacific officials said on Friday. The point of derailment was about three-tenths of a mile east of where the rail cars piled up off the track. Union Pacific officials said the lag bolt would have been detected by a gauge restraint measurement system but that test is only done once every 18 months. That test will now be done four times a year, officials said. More than a dozen rail cars in the 96-car crude oil train derailed, ignited a fire, and caused evacuations. Union Pacific said the train originated in Eastport, Idaho, and was bound for U.S. Oil and Refining Co.'s 40,700 b/d Tacoma, Washington refinery.

<http://www.kgw.com/news/local/broken-lag-bolt-caused-train-derailment-up-officials-say/239519042>

Marathon Shuts Diesel Hydrotreater at Its 130,000 b/d Detroit, Michigan Refinery June 10 – Energy News Today

Marathon Petroleum was forced to shut a 46,000 b/d diesel hydrotreater at its Detroit, Michigan refinery on Friday, according to a report by Energy News Today (ENT). The restart time was not immediately available, ENT reported. Reuters, 5:20 June 10, 2016

Naphtha HTU at Motiva's 603,000 b/d Port Arthur, Texas Refinery Knocked Out by Lightning June 12 – Sources

The 115,000 b/d naphtha hydrotreating unit was shut on Sunday night at Motiva Enterprises' Port Arthur, Texas refinery after lightning knocked out the unit's charge pump, sources familiar with plant operations said on Monday. No other units at the refinery were affected by lightning, the sources said. On Monday, Motiva was still trying to determine when the hydrotreater could be restarted.

Reuters, 9:44 June 13, 2016

ExxonMobil Reports Compressor Trip at Its 344,600 b/d Beaumont, Texas Refinery June 12

ExxonMobil Corp reported a compressor trip and sulfur dioxide emissions at its Beaumont, Texas refinery on June 12.

Reuters, 11:35 June 13, 2016

Citgo Reports FCCU Upset at Its 157,500 b/d Corpus Christi, Texas Refinery June 13

Citgo Petroleum Corp reported during a temporary operational upset, the fluid catalytic cracking unit 1 (FCCU 1) experienced an opacity at its Corpus Christi, Texas refinery.

Reuters, 3:00 June 13, 2016

Phillips 66 Reports Shutdown in Coker Unit at Its 139,000 b/d Wilmington, California Refinery June 12

Phillips 66 reported a shutdown in a coker unit at its Wilmington, California refinery due to an interruption in the electrical utility, according to a filing with the California Emergency Management Agency. Repairs were in progress and the flaring has been stopped, the filing added. The refinery has two linked facilities about five miles apart in Carson and Wilmington.

Reuters, 11:07 June 12, 2016

Phillips 66 Reports Unplanned Flaring, Breakdown at Its 139,000 b/d Carson, California Refinery June 11

Phillips 66 reported unplanned flaring due to a breakdown at its Carson, California refinery, according to a filing with the South Coast Air Quality Management District. The refinery has two linked facilities about five miles apart in Carson and Wilmington.

Reuters, 3:39 June 11, 2016

ExxonMobil Reports FCCU Wet Gas Compressor Shut at Its 560,500 b/d Baytown, Texas Refinery June 13

Exxon Mobil Corp reported an unplanned shutdown of the wet gas compressor resulted in a safe utilization of the flare system at its Baytown, Texas refinery. ExxonMobil said the compressor was returned to service and there was no impact to production.

Reuters, 3:36 June 13, 2016

TransCanada to Start Service on Houston Lateral in Texas by Early July – FERC Filing

TransCanada Corp. will begin crude oil shipments on its Houston Lateral pipeline by July 2, which will connect its Keystone Pipeline to Houston, Texas, according to a tariff filed with the Federal Energy Regulatory Commission (FERC) in early June. The company on June 1 submitted a filing with regulators to set tariff rates on the line, which will be effective by July 2, the filing said. The lateral will terminate at a storage terminal in Houston, Texas with initial capacity of 700,000 barrels of crude oil.

Reuters, 3:05 June 13, 2016

Natural Gas

ExxonMobil Reports Units Shut at Its 65 MMcf/d Dollarhide Gas Plant in Texas June 12

ExxonMobil reported the emergency shutdown of units P-9, 12, 17, Cat-4, 5, 7, 11, 12, 13, 14, 15, and Wauk-3 due to a storm. The units were restarted and monitored.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=235508>

MDU Resources Announces Open Season for Its 40 MMcf/d Valley Expansion Pipeline in North Dakota, Minnesota June 13

WBI Energy, Inc., the pipeline and midstream subsidiary of MDU Resources Group, Inc., on Monday announced plans to build a 40 MMcf/d, 38-mile pipeline with the primary purpose of delivering natural gas supply to eastern North Dakota and far western Minnesota. An open season seeking capacity commitments on WBI Energy's Valley Expansion Project was initiated today, and will be open until July 15. The proposed pipeline would connect the Viking Gas Transmission Company pipeline near Felton, Minnesota, to WBI Energy's existing pipeline near Mapleton, North Dakota. Once the necessary permitting and regulatory work is completed, construction could begin in early 2018 with completion expected late that same year.

<http://www.mdu.com/news/2016/06/13/mdu-resources-pipeline-expansion-in-eastern-north-dakota-and-western-minnesota>

Other News

Nothing to report.

International News

Update: French Workers Suspend Strike at Total's Gonfreville Refinery June 11 – CGT Union

French CGT union workers on Saturday suspended their strike at Total's Gonfreville refinery in Normandy, a union official said on Saturday. On Friday, CGT union workers voted to suspend their strike at Total's Donges and Feyzin refineries. The three-week oil sector strike, part of a nationwide rolling protest against a planned government labor reform, led to a temporary production halt at refineries, blockades at oil ports, depots and terminals, and a fuel supply disruption across France.

Reuters, 7:03 June 11, 2016

Iran-Pakistan Gas Pipeline to Be Complete by 2018 – Minister

The Pakistani minister for petroleum and natural resources has reportedly said that a gas pipeline project between Iran and Pakistan will complete by 2018. The minister also noted that the Turkmenistan-Afghanistan-Pakistan-India Pipeline (TAPI) project will be completed by January 2020. In March, Iran's President Hassan Rouhani told reporters in Islamabad that the pipeline had already been completed on the Iranian side. The joint project was launched in 2010 and aims to construct over 1,100 miles of pipeline from Iran to Pakistan. Iran plans to deliver 21.5 million cubic meters per day of gas to Pakistan through the project.

Reuters, 2:20 June 12, 2016

Saudi Arabia Keeps Its May Oil Output Steady at 10.27 Million b/d – Source

Saudi Arabia's crude oil production in May was 10.27 million b/d, an industry source told Reuters on Monday, compared with 10.262 million b/d in April. But crude supplied to the market in May was higher than production at 10.450 million b/d, the source said. The sources said production would likely stay at 10.2–10.3 million b/d and could rise by some 200,000–300,000 b/d in the hot summer months to around 10.5 million b/d, if there was demand for it. The kingdom pumped 10.56 million b/d, a record, in June 2015.

Reuters, 8:34 June 13, 2016

Peru's Petroperu to Receive First Import of U.S. Crude Oil in June – Sources

Peruvian state-run oil company Petroperu will receive its first import of U.S. light sweet crude this month, after awarding trading company Kolmar Group a tender to buy two 380,000-barrel cargoes, traders said on Monday. Petroperu buys on the open market the crude needed by its Conchan and Talara refineries. Most of the time it buys Ecuadorian medium and heavy grades. Petroperu will receive bids until June 13 to buy another two crude cargoes for July delivery.

Reuters, 11:06 June 13, 2016

Update: Citgo to Invest \$450–650 Million to Reopen Idled 209,000 b/d Refinery in Aruba

Citgo Aruba announced Saturday it will invest \$450 million to \$650 million to reactivate an oil refinery in Aruba that has been idle since 2012. The company said Saturday that the refinery in San Nicolas will be retrofitted over the next 18 to 24 months and is expected to process up to 209,000 b/d of Venezuelan extra-heavy crude into intermediate crude. It will then send the oil to its U.S. refining network for further processing. Citgo has a 15-year operational lease with a 10-year extension option under the agreement between the Aruban government and PDVSA.

Reuters, 5:31 June 11, 2016

Energy Prices

U.S. Oil and Gas Prices			
June 13, 2016			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	48.64	49.66	60.12
NATURAL GAS Henry Hub \$/Million Btu	2.42	2.31	2.87

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

Energy Assurance Daily provides a summary of public information concerning current energy issues. Published Monday through Friday to inform stakeholders of developments affecting energy systems, flows, and markets, it provides highlights of energy issues rather than a comprehensive coverage. *Energy Assurance Daily* is updated online Monday through Friday after 5:00 p.m. ET. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:

<http://www.oe.netl.doe.gov/ead.aspx>

Please direct comments and questions to: ead@oe.netl.doe.gov