



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

ENERGY ASSURANCE DAILY

Thursday Evening, June 19, 2014

Major Developments

Severe Thunderstorms Knock Out Power to Over 266,000 Customers from Michigan to Virginia June 18–19

A wave of severe thunderstorms swept through Michigan, Indiana, Ohio, Pennsylvania, Maryland, and Virginia Wednesday evening into Thursday knocking out power to 266,189 customers. High winds, lightning strikes on equipment, lightning hitting tree branches, and trees falling on power lines contributed to the outages. As of 3:30 p.m. EDT today, 42,125 customers remained without power. DTE Energy, the hardest hit utility, said most customers were expected to have power restored by the end of today.

Michigan to Virginia Power Outages June 18–19, 2014			
Electric Utility	State	Peak	Latest Reported
AEP Indiana Michigan Power	IN/MI	48,000	803
Duke Indiana	IN	12,000	500
Baltimore Gas and Electric	MD	31,000	2,302
PEPCO	MD	12,000	2,408
DTE Energy	MI	50,000	18,247
Consumers Energy	MI	18,000	1,102
Toledo Edison, Ohio Edison, Illuminating Company (First Energy)	OH	11,900	5,123
AEP Ohio	OH	17,000	4,431
Met-Ed, Penelec, Penn Power, West Penn Power (First Energy)	PA	10,982	2,410
PECO	PA	31,585	783
PPL Electric	PA	3,722	1,149
Dominion Power	VA	20,000	2,867
TOTAL*		266,189	42,125

*Total outages represent only electric utilities listed in this table.

Sources:

<https://www.indianamichiganpower.com/outages/details.aspx?stormName=June%2018%20Thunderstorms>

https://twitter.com/IN_MI_Power

<https://www.facebook.com/dteenergy?sk=wall>

http://www.xcelenergy.com/xe-en/Outages/Report_a_Problem/Outage_Map/Outage_Map

<https://twitter.com/OhioEdison>

<http://outages.firstenergycorp.com/oh.html>

<https://www.aepohio.com/outages/details.aspx?stormName=June%2019%20Storm>

<http://outages.firstenergycorp.com/pa.html>

<http://outages.firstenergycorp.com/oh.html>

https://www.dom.com/storm-center/dominion-electric-outage-summary.jsp?WT.mc_id=strmctr

<https://www.peco.com/CustomerService/OutageCenter/OutageMap/Pages/OutageMap.aspx>

<http://www.freep.com/article/20140618/NEWS05/306180084/rain-lightning-weather-outages-michigan>

<http://washington.gotnewsire.com/news/severe-thunderstorms-cause-power-outages-damage-to-homes-across-dc-metro-region>

<http://detroit.cbslocal.com/2014/06/19/thousands-remain-without-power-after-2-days-of-storms/>

<http://www.baltimoresun.com/news/weather/weather-blog/bal-wx-storm-chances-highs-around-90-forecast-thursday-20140618,0,1564601.story>

<http://www.theindychannel.com/news/local-news/storms-knock-out-power-to-thousands-across-central-indiana>

Electricity

PG&E Upgrading Security at Its Metcalf Electric Substation in San Jose, California after 2013 Sniper Attack

PG&E expects to begin security improvements before the end of this year at its Metcalf electricity substation in south San Jose, California and has already upgraded security at other substations in the wake of an April 2013 sniper attack at Metcalf, the utility said Wednesday. Work at the Metcalf facility and other substations is expected to include opaque fences to obscure the sites, as well as improved lighting, upgraded cameras, better coordination with local law enforcement officers, altering or removing trees and vegetation near substations, and other measures, according to PG&E.

http://www.mercurynews.com/business/ci_25988091/pg-e-expects-begin-metcalf-substation-security-upgrades

Update: Calpine's 561 MW Los Medanos Energy Center Aggregate Gas-fired Unit in California Returns to Service by June 18

The unit returned from an unplanned curtailment of 297 MW that began by May 3.

<http://content.caiso.com/unitstatus/data/unitstatus201406181515.html>

Calpine's 593 MW Metcalf Energy Center Gas-fired Unit in California Reduced by June 18

The unit entered an unplanned curtailment of 333 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201406181515.html>

Petroleum

ExxonMobil Shuts FCCU, Alkylation Unit at Its 149,500 b/d Torrance, California Refinery June 18 – Trade Sources

ExxonMobil Corp. shut a fluid catalytic cracking unit (FCCU) at its refinery in Torrance, California, after a mechanical problem prompted an associated alkylation unit to halt production, according to trade sources. The units, shut within the last 24 to 48 hours, were expected to resume operations next week, the sources said on Thursday. On Wednesday, regulatory filings showed the company expected flaring related to maintenance on a unit, and ExxonMobil expected minimal production impact as the plant continues to operate.

Reuters, 10:21 June 19, 2014

Pasadena Refining Systems Reports FCCU Upset at Its 100,000 b/d Pasadena, Texas Refinery June 18

Pasadena Refining Systems Inc. reported the fluid catalytic cracking unit (FCCU) experienced an upset. The unit was temporarily shut down to minimize emissions.

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=199950>

Total Reports Unit Leak at Its 167,000 b/d Port Arthur, Texas Refinery June 17

Total Petrochemicals & Refining reported a leak in the naphtha overhead line at unit 812. The rate was reduced and work was being done on the clearing and blinding section.

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=199937>

CVR Reports FCCU Regenerator Emissions at Its 70,000 b/d Wynnewood, Oklahoma Refinery June 15

CVR Refining reported carbon monoxide emissions from the fluid catalytic cracking unit (FCCU) regenerator at its Wynnewood refinery, according to the Oklahoma Department of Environmental Quality.

Reuters, 11:00 June 19, 2014

HollyFrontier Reports Emissions at Its 70,300 b/d Tulsa, Oklahoma Refinery June 14, 16

HollyFrontier reported hydrogen sulfide emissions from flares on June 16 at its Tulsa east refinery and hydrogen sulfide emissions from a fuel mix drum on June 14 at its Tulsa west refinery, according to the Oklahoma Department of Environmental Quality.
Reuters, 11:02 June 19, 2014

Citgo Reports Compressor Failure at Its 174,500 b/d Lemont, Illinois Refinery June 19

Citgo Petroleum Corp. reported a compressor failure on June 19 at its Lemont, Illinois, refinery, according to the Illinois Emergency Management Agency.
Reuters, 4:21 June 19, 2014

Eni Says Output at Nikaitchuq Filed in Alaska Hits 25,000 b/d

Italian oil major Eni said it achieved the daily production goal of 25,000 b/d at its Nikaitchuq oil field in Alaska, adding it expected to hit a 30,000 b/d target in the next 12 months. The field, located offshore the North Slope of Alaska, holds reserves estimated at 200 million barrels of crude oil. Nikaitchuq production began in January 2011.
Reuters, 5:16 June 19, 2014

Natural Gas

FERC Approves Semptra Energy's Cameron LNG Export Project in Louisiana

The Federal Energy Regulatory Commission (FERC) today authorized Semptra Energy Corp.'s Cameron LNG, LLC to site, construct, and operate facilities to liquefy and export domestically produced natural gas from its existing liquefied natural gas (LNG) import terminal in Cameron Parish, Louisiana. FERC also authorized Cameron Interstate Pipeline, LLC to construct and operate pipeline and compression facilities in Cameron, Calcasieu, and Beauregard Parishes to supply the Cameron LNG facility with domestically-produced gas. Cameron LNG proposes to liquefy and export up to approximately 14.95 million tonnes per annum (MTPA) with a maximum operating capacity equivalent to pipeline receipts of up to 2.33 Bcf/d. Once placed into service, Cameron LNG's terminal will be capable of liquefying domestically produced natural gas for export, importing LNG and regasifying it for delivery to domestic markets, and importing foreign-sourced LNG for subsequent export. Cameron LNG proposes to construct and operate three liquefaction trains, each with a capacity of 4.99 MTPA; an additional 160,000 cubic meter LNG storage tank; facilities to store refrigerants and condensate products and an associated truck loading/unloading area; a construction dock; and miscellaneous facilities and other minor modifications to existing facilities. Cameron LNG proposes to phase in the construction and service of the three LNG trains; the first would be placed in service in 2017, the other two in 2018.

<http://www.ferc.gov/media/news-releases/2014/2014-2/06-19-14-C-1.asp#.U6MWUfldUSk>

DCP Midstream Reports Flaring at Its 80 MMcf/d at Goldsmith Gas Plant in Texas June 18

DCP Midstream reported the white booster went down and caused a surge of pressure to hit the plant causing the flare valve to open. The operator immediately put the white booster back online, lowering the pressure to the plant and ending the flaring event.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=199945>

Enbridge Reports AGIs Shut at Its Tilden Gas Plant in Texas June 18

Enbridge reported acid gas injectors (AGIs) shut on high discharge pressure due to wood group pumps losing suction from high gas temperature resulting from a chiller trip. The chiller was restarted and cooling water flow established. The AGIs restarted and stabilized.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=199944>

Southern Union Reports Acid Gas Flaring, SRU Shut at Its Keystone Gas Plant in Texas June 17

Southern Union reported acid gas flaring from the treater when the sulfur recovery unit (SRU) shut due to failed PLC cards. The cards were reset and the SRU back on line

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=199903>

Other News

Nothing to report.

International News

Update: Battle for Iraq's Baiji Refinery Continues June 19

Iraqi government forces continued battling Sunni rebels for control of the country's biggest refinery on Thursday as President Obama agreed to send military advisers to Iraq and use targeted and precise military action if necessary. An Iraqi government spokesman said around noon local time that its forces were in complete control but a witness in Baiji said fighting was continuing and Islamic State in Iraq and Levant (ISIL) militants were still present. The 250–300 remaining staff were evacuated early on Thursday, one of those workers said by telephone. Military helicopters had attacked militant positions overnight, he added.

Reuters, 11:31 June 19, 2014

http://www.cnn.com/2014/06/19/politics/us-iraq/index.html?hpt=hp_t1

Energy Prices

U.S. Oil and Gas Prices June 19, 2014			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	106.99	106.48	97.88
NATURAL GAS Henry Hub \$/Million Btu	4.70	4.50	3.76

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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