



ENERGY ASSURANCE DAILY

Wednesday Evening, June 08, 2016

Electricity

Strong Storms Knock Out Power to Over 206,000 Customers in Mid-Atlantic, Ohio June 8

Strong storms producing high winds, hail, and heavy rain knocked out power to at least 206,627 customers across Ohio and the Mid-Atlantic states on Wednesday. As of 3:30 p.m. EDT Wednesday, 100,374 customers remained without power. Wind gusts of up to 66 mph were reported, knocking down trees and power lines. PECO, the hardest hit utility with 66,794 customer outages in Pennsylvania, said crews were assessing the damage and there was currently no estimate on when power would be fully restored. The table below shows total affected customers and the latest reported outages by utility. The “Affected” column shows the total count of customers that lost power at one point or another over the course of the storm for each utility. These outages may not have occurred concurrently and are not the same as peak outages.

| Mid-Atlantic, Ohio Customer Power Outages | | | |
|---|-------|----------------|-----------------|
| June 8, 2016 | | | |
| Electric Utility | State | Affected | Latest Reported |
| Pepco | DC | 2,087 | 275 |
| DelMarVa Power | DE | 13,868 | 6,299 |
| Baltimore Gas and Electric | MD | 21,690 | 9,885 |
| DelMarVa Power | MD | 9,387 | 2,105 |
| FirstEnergy | MD | 6,346 | 1,820 |
| Pepco | MD | 4,353 | 2,318 |
| Choptank Electric Cooperative | MD | 1,683 | 418 |
| Public Service Electric and Gas (PSE&G) | NJ | 22,093 | 19,537 |
| Atlantic City Electric | NJ | 14,806 | 8,038 |
| Jersey Central Power and Light | NJ | 6,837 | 6,837 |
| Duke Ohio | OH | 4,406 | 53 |
| FirstEnergy | OH | 2,690 | 70 |
| PECO | PA | 66,794 | 34,066 |
| FirstEnergy | PA | 11,228 | 2,651 |
| PPL | PA | 4,167 | 1,247 |
| AEP | VA | 3,298 | 146 |
| Dominion Power | VA | 2,702 | 3,526 |
| Shenandoah Valley Electric Cooperative | VA | 1,633 | 11 |
| FirstEnergy | WV | 4,778 | 531 |
| AEP | WV | 1,913 | 541 |
| TOTAL* | | 206,627 | 100,374 |

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

Sources:

<http://www.pepco.com/pages/connectwithus/outages/outagemaps.aspx>

<http://outagemap.bge.com/>

<http://www.delmarva.com/pages/connectwithus/outages/outagemaps.aspx>

<http://www.pepco.com/pages/connectwithus/outages/outagemaps.aspx>

<http://choptank.maps.sienatech.com/>

<http://outagece>

<http://www.atlanticcityelectric.com/pages/connectwithus/outages/outagemaps.aspxnter.pseg.com/external/default.html>

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

<http://outagemap.duke-energy.com/ohky/default.html>

<http://outages.firstenergycorp.com/oh.html>
<https://www.peco.com/layouts/peco/OutageMap.aspx>
<http://outages.firstenergycorp.com/pa.html>
<https://omap.prod.pplweb.com/omap#pg-tabular>
<https://www.dom.com/residential/dominion-virginia-power/outage-center/outages-by-region-and-maps>
<http://www.svec.coop/>
<https://www.appalachianpower.com/outages/outageMap.aspx>
<http://outages.firstenergycorp.com/mdwv.html>
<http://pix11.com/2016/06/08/thousands-without-power-as-storms-sweep-through-new-jersey/>

PSE&G's 1,049 MW Hope Creek Nuclear Unit 1 in New Jersey at Full Power by June 8

On the morning of June 7 the unit was operating at 19 percent, reduced from 70 percent on June 5.

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

AES's 175 MW Redondo Gas-fired Unit 6 in California Returns to Service by June 7

The unit returned from an unplanned outage that began on June 6.

<http://content.aiso.com/unitstatus/data/unitstatus201606071515.html>

PG&E's 404 MW Helms Hydro Unit 3 in California Returns to Service by June 7

The unit returned from an unplanned outage that began on June 5.

<http://content.aiso.com/unitstatus/data/unitstatus201606071515.html>

DTE Energy to Retire Eight Coal-Fired Units at Its 933 MW River Rouge, 1,571 MW St. Clair, 776 MW Trenton Power Plants in Michigan by 2023

DTE Energy on Wednesday announced it will retire eight coal-fired generation units at three sites in Michigan within the next seven years. The units being retired between 2020 and 2023 are at its River Rouge and Trenton facilities in the Detroit area and the St. Clair facility in St. Clair County. Combined, these three plants generated about 25 percent of the electricity produced by DTE in 2015. Earlier this year, DTE retired three coal generation units due to age and projected future costs. The utility says it will replace coal units with a mix of newer, more modern, and cleaner sources of energy such as wind, natural gas, and solar power.

<http://newsroom.dteenergy.com/index.php?s=26817&item=137044>

Reuters, 12:01 June 8, 2016

Petroleum

Pelican Lake Wildfire Shuts Cenovus, CNRL Oil Sands Production near Wabasca, Alberta June 7

Oil sands producers Cenovus Energy and Canadian Natural Resources Limited (CNRL) shut and evacuated their respective Pelican Lake projects in northern Alberta after lightning sparked a new wildfire on Tuesday afternoon near the community of Wabasca in northern Alberta. The Pelican Lake fire, burning at roughly 185 acres, is located about 100 miles southwest of the massive wildfire still burning east of Fort McMurray, which shut down about 1.1 million b/d of Alberta's oil sands production for the majority of the month May. Cenovus said it shut operations and evacuated all 118 workers from its Pelican Lake project, which produced just under 23,000 b/d of heavy oil during the first quarter of 2016. The company said on Tuesday evening that its operations had been safely shut down and there was no damage reported to its facilities or infrastructure. Additionally, six workers returned on Wednesday morning to inspect the facilities from a safe location. CNRL said it shut-in 800 b/d of production at its Pelican Lake project and moved non-essential personnel from its northern camp to other camps within its Pelican Lake operations. The company said the wildfire was a safe distance from its major Pelican Lake facilities and added that production during the first quarter of 2016 averaged 47,600 b/d. Meanwhile, Husky Energy said its operations in the area were unaffected.

Reuters, 15:00 June 8, 2016

<http://www.cenovus.com/news/news-releases/2016/20160607-PelicanLake-fire-response.html>

Update: Air Liquide Restoring Gas Supply to ExxonMobil's 502,500 b/d Baton Rouge, Louisiana Refinery June 8

ExxonMobil's output at its Baton Rouge, Louisiana refinery was affected on Tuesday by a reduction in oxygen supply from Air Liquide, sources familiar with plant operations said. A spokeswoman said Air Liquide has been able to restore more than half the oxygen supply needed at the refining operation after it was impacted by damage to an oxygen booster at the company's plant in Plaquemine, Louisiana. Gulf Coast market sources said the industrial gas supply problems were affecting jet fuel output from the refinery. An ExxonMobil spokeswoman said on Tuesday that the refinery continues to meet its contractual commitments, but declined to talk about specific units at the refinery.

Reuters, 18:48 June 7, 2016

Valero Reports Flaring at Its 205,000 b/d Corpus Christi, Texas Refinery June 8

Valero Energy Corp reported flaring at its Corpus Christi, Texas refinery on Wednesday, according to a community line alert.

Reuters, 2:20 June 8, 2016

Update: Tesoro Says Major Units Being Restarted at Its 257,300 b/d Carson, California Refinery June 8 after Power Outage June 6

Tesoro Corp on Wednesday was working on a restart of all major units affected by a power outage on Monday at its Carson, California refinery. Tesoro says it does not expect the power outage or ongoing maintenance to have an impact on supply commitments at the refinery.

Reuters, 10:06 June 8, 2016

ExxonMobil Reports Unplanned Flaring, Breakdown at Its 149,500 b/d Torrance, California Refinery June 8

ExxonMobil Corp reported unplanned flaring due to a breakdown at its Torrance, California refinery, according to a filing with the South Coast Air Quality Management District.

Reuters, 2:58 June 8, 2016

CVR Refining Reduces Production at Its 115,000 b/d Coffeyville, Kansas Refinery Due to Magellan Pipeline Suspension from Coffeyville to Kansas City, Kansas June 7

CVR Refining on Tuesday reduced production at its Coffeyville, Kansas refinery due to Magellan Midstream Partners' temporary suspension of an 8-inch refined petroleum products pipeline that runs from Coffeyville to Kansas City, Kansas. The pipeline transports up to 30,000 b/d of refined products from the refinery and serves as one of three pipelines transporting the refinery's products to the market. Based on information provided by Magellan, CVR Refining anticipates that the pipeline suspension will limit the refinery's ability to ship products for up to four weeks.

<http://www.cvrrefining.com/NewsRoom/PDF/2016-06-07%20CVR%20Reduces%20Coff%20Refinery%20Prod%20NR--FINAL.pdf>

U.S. Crude Oil Stockpiles Fall 3.2 Million Barrels June 3 – EIA

U.S. crude oil inventories fell 3.2 million barrels in the week to June 3, compared with analysts' expectations for a decrease of 2.7 million barrels, the Energy Information Administration (EIA) said on Wednesday. Crude stocks at the Cushing, Oklahoma delivery hub fell 1.4 million barrels.

Reuters, 11:23 June 8, 2016

EnLink Midstream to Construct Greater Chickadee Crude Oil Gathering Project in Texas June 8

A subsidiary of EnLink Midstream Partners and EnLink Midstream on Wednesday announced it will construct a new crude oil gathering system, called the Greater Chickadee crude oil gathering project, in Upton and Midland counties in the Texas Permian Basin. The Greater Chickadee project will include over 150 miles of high- and low-pressure pipelines that will transport crude oil volumes to several major market outlets and other key hub centers in the Midland, Texas, area. The project also includes the construction of multiple central tank batteries and pump, truck injection, and storage stations to maximize shipping and delivery options for EnLink's producer customers. The initial phase of Greater Chickadee will be operational in the second half of 2016 with full service expected in early 2017.

<http://enlk.enlink.com/investor/investor-news/investor-news-details/2016/EnLink-Midstream-to-Expand-in-the-Core-of-Permians-Midland-Basin-with-New-Crude-Oil-Gathering-System/default.aspx>

Natural Gas

ExxonMobil Reports Unit Shut at Its 65 MMcf/d Dollarhide Gas Plant in Texas June 7

ExxonMobil reported the wauk-3 unit was manually shut due to a bad carburetor. The carburetor was changed out and the unit was restarted and monitored.

<http://www2.tceq.texas.gov/oce/ee/index.cfm?fuseaction=main.getDetails&target=235113>

Other News

Nothing to report.

International News

Update: Nigerian Militants Reject Government Talks, Blow Up Chevron Well June 8

Nigerian oil militants, the Niger Delta Avengers, on Wednesday said they have blown up another Chevron oil well in a rejection of the government offering peace talks. It's the fourth attack in recent weeks on a Chevron facility, which last month was forced to halt operations at its 160,000 b/d Escravos export terminal. The Avengers also have blown up Shell and Agip facilities, cutting Nigeria's production to about 1.2 million b/d.

Reuters, 10:01 June 8, 2016

Energy Prices

| U.S. Oil and Gas Prices | | | |
|-------------------------------------|--------------|-----------------|-----------------|
| June 8, 2016 | | | |
| | Today | Week Ago | Year Ago |
| CRUDE OIL | | | |
| West Texas Intermediate U.S. | 51.18 | 49.02 | 57.70 |
| \$/Barrel | | | |
| NATURAL GAS | | | |
| Henry Hub | 2.29 | 2.09 | 2.59 |
| \$/Million Btu | | | |

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