



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

ENERGY ASSURANCE DAILY

Wednesday Evening, January 11, 2017

Major Developments

Less Than 11,000 Electric Customers Remain without Power Following Midwest Wind Storm January 10 – 11

Strong winds with gusts of up to 60 mph knocked out power to at least 272,000 customers across Michigan and Ohio overnight Tuesday with impacts lingering into Wednesday. As of 3:45 p.m. EST, Wednesday, 10,221 customers remained without power. AEP Ohio said crews expected to restore service by midnight in Lancaster and the western Ohio area after last night's high winds broke poles and downed power lines. DTE Energy said it expects the remainder of its customers to be restored by the end of the day.

Midwest U.S. Customer Power Outages January 10 – 11, 2017			
Electric Utility	State	Affected	Latest Reported
AEP Indiana and Michigan Power	MI	12,000	929
Consumers Energy	MI	40,000	40
DTE Energy	MI	90,000	5,000
AEP Ohio	OH	24,000	769
First Energy Ohio	OH	77,000	3,384
South Central Power	OH	29,000	99

Sources:

https://twitter.com/IN_MI_Power/status/819219862358724608

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

https://twitter.com/DTE_Energy/status/819291195042054144

<https://twitter.com/SouthCentralPow/status/819142512229150720>

<http://www.fox2detroit.com/news/local-news/228400579-story>

<http://www.wsgw.com/high-winds-blamed-power-michigan-power-outages/>

http://www.mlive.com/news/kalamazoo/index.ssf/2017/01/hundreds_without_power_in_sout.html

<http://patch.com/ohio/cleveland/thousands-still-without-power-northeast-ohio>

Less Than 40,000 Electric Customers Remain without Power in Northeast U.S. and Canada Following Windstorm January 10 – 11

High winds that began Tuesday night knocked out power to at least 237,063 electric customers across New York, Pennsylvania, and southern Ontario and Quebec with impacts expected to continue through the day. As of 3:45 p.m. EST, 39,230 customers remained without power. Hydro Quebec reported about 280 crews were working to restore service as quickly as possible. Hydro One said its crews have restored over 41,000 customers since the outages began and restoration continues.

Northeast U.S. and Canada Customer Power Outages January 10 – 11, 2017			
Electric Utility	State	Affected	Latest Reported
National Grid	NY	35,000	5,338
New York State Electric and Gas	NY	2,963	1,461
Rochester Gas & Electric	NY	2,600	89
First Energy Pennsylvania	PA	56,500	337
Hydro One	Ontario	59,000	19,705
Hydro Quebec	Quebec	81,000	12,300

Sources:

<http://www.hydroone.com/StormCenter3/>
<https://twitter.com/HydroOne>
https://twitter.com/hydro_customer
<https://outagemap.nyseg.com/nyseg/>
<http://www.rge.com/outages/outageinformation.html>
<http://outages.firstenergycorp.com/pa.html>
<http://www.theprovince.com/business/cnw/release.html?rkey=20170111C8970&filter=4007>
<http://globalnews.ca/news/3173901/strong-winds-bring-down-trees-causes-power-outages-across-the-greater-toronto-area/>
<http://www.cbc.ca/news/canada/toronto/nearly-60-000-without-power-in-ontario-following-windy-weather-1.3930416>
<http://globalnews.ca/news/3173868/over-67000-without-power-in-quebec-wednesday-morning/>
<http://montreal.ctvnews.ca/car-crashes-cancelled-flights-power-failures-blamed-on-windstorm-1.3236410>
<http://news.hydroquebec.com/en/failures/hq/160/outages-are-presently-caused-by-strong-winds/>
<http://www.twcnews.com/nys/rochester/news/2017/01/11/severe-wind-storm-power-outages-rochester-region.html>

Less Than 20,000 PGE, CPU Electric Customers without Power after Winter Storm in Oregon January 10–11

A heavy snow storm hit the Portland, Oregon metropolitan area overnight Tuesday knocking out power to at least 33,000 Portland General Electric (PGE) customers and 14,936 Clark Public Utilities customers. As of 3:45 p.m. EST, 17,980 PGE customers and 99 CPU customers remained without power. A PGE spokesman said heavy snow was causing power lines to break, and crews were working as fast, and as safe, as they can to restore power.

<https://www.portlandgeneral.com/outages/outage-list>
https://twitter.com/portlandgeneral?ref_src=twsrc%5Etfw
<https://www.clarkpublicutilities.com/outages-safety/>
http://www.oregonlive.com/portland/index.ssf/2017/01/pge_reports_33k_customers_with.html
<http://www.timescolonist.com/news/local/thousands-without-power-as-wind-gusts-hit-greater-victoria-1.6929488>

TVA's 1,155 MW Browns Ferry Nuclear Unit 1 in Alabama Reduced to 65 Percent by January 11

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

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

Energy Northwest's 1,107 MW Columbia Generating Station Nuclear Unit in Washington at Full Power by January 11

On the morning of January 10 the unit was operating at 90 percent.

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

Entergy's 966 MW River Bend Nuclear Unit 1 in Louisiana at Full Power by January 11

On the morning of January 10 the unit was operating at 85 percent.

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

Petroleum

Update: Colonial Projects Weekend Restart for Its Line 19 Spur Pipeline in Tennessee after Gasoline Leak January 7

Colonial Pipeline Co. on Tuesday said it was aiming to restart its Line 19 gasoline spur pipeline between Atlanta and Nashville, Tennessee, by the end of this week after it was shut last Saturday following the discovery of a 15 barrel gasoline leak in Chattanooga. On Wednesday the company said crew completed the task of removing product from the affected segment of pipeline overnight, and that work has begun on exposing and excavating the segment so that a new segment can be welded into place. Line 20, a distillates line, was also shut as a precaution, but restarted on Sunday. Lines 19 and 20 are spur lines supplied from Colonial's Line 1 and Line 2 breakout junction in Atlanta, Georgia. Colonial Pipeline, the largest refined products system in the United States, can carry more than 3 million barrels of gasoline, diesel, and jet fuel between the U.S. Gulf Coast and the New York Harbor area.

<https://tn-st-hwy27.colonialresponse.com/>

Reuters 21:51 January 10, 2017

PES to Return FCCU to Full Rates at Its 335,000 b/d Philadelphia, Pennsylvania Refinery by Early Next Week – Source

Philadelphia Energy Solutions (PES) plans to return the 90,000 b/d fluid catalytic cracking unit (FCCU) in the Girard Point section of its Philadelphia, Pennsylvania refinery to full rates by early next week, according to a source familiar with the plant's operations. The FCCU has been running at roughly 70,000 b/d since late December due to a compressor issue, the source said.

Reuters, 16:05 January 10, 2017

Valero Reports Unit Upset at Its 335,000 b/d Port Arthur, Texas Refinery on January 7

Valero reported a process unit upset resulted in excess flaring at its Port Arthur, Texas refinery on Saturday, according to a filing with the Texas Commission on Environmental Quality. The filing reported emissions from delayed coker unit no. 843 in Complex 3.

Reuters 13:09 January 10, 2017

Update: Shell Reports Coker Leak at Its 285,550 b/d Deer Park, Texas Refinery January 10

Royal Dutch Shell Plc reported it shut a process unit following a release at the delayed coking unit Tuesday morning. Operators identified the leak at the main fractionator column near a steam nozzle. Shell also reported on Tuesday that it shut a gas oil hydrotreater after a fire in a coking unit. The fire was brought under control with no injuries, Shell said, and the section of the involved unit had been taken down for repairs with minimal impacts to production. It was unclear if the leak and fire from the delayed coking unit were related.

Reuters, 18:35 January 10, 2017

<http://www2.tceq.texas.gov/oce/ee/index.cfm?fuseaction=main.getDetails&target=250202>

<https://www.oel.doe.gov/docs/eads/ead011017.pdf>

Commercial U.S. Crude Inventories Rise by 4.1 Million Barrels January 6 – EIA

Commercial U.S. crude inventories rose by 4.1 million barrels to about 483.1 million barrels during the week ending January 6, the Energy Information Administration (EIA) said on Wednesday. Meanwhile, commercial crude stocks at the Cushing, Oklahoma delivery hub fell by 579,000 barrels to about 66.9 million barrels, EIA said.

Reuters, 11:54 January 11, 2017

Natural Gas

EPNG Declares Force Majeure Due to Pipeline Anomaly in Arizona January 11

El Paso Natural Gas Company (EPNG) on Wednesday declared force majeure after identifying a pipeline anomaly on Line 1600 in Arizona, which will require pressure reduction to allow for excavation and repair. Beginning gas day January 12, EPNG said capacity at the Casa Grande HP location will be reduced to 423 MMcf/d from a normal capacity of 609 MMcf/d until further notice.

<http://passportebb.elpaso.com/ebbmasterpage/Notices/NoticesAutoTable.aspx?code=EPNG&status=Notice&name=Critical%20Notices&sParam1=1&sParam3=16759&sParam4=D&details=Y>

Update: Destin Pipeline Limits Transportation Services to Enterprise's 1.5 Bcf/d Pascagoula Gas Plant Beginning January 13

Destin Pipeline Co. said effective gas day January 13, flows from MC254 location to the Enterprises Pascagoula gas processing plant will be limited to 140 MMcf/d until further notice. Destin said it will offer additional transportation service from MC254 for volumes above the aforementioned 140 MMcf/d for delivery to MP261JP until further notice. The 225-mile Destin gas pipeline system can carry 1.2 Bcf/d from offshore producers to the Pascagoula plant, and then further north to interconnections with six major interstate gas transmission lines. The Pascagoula facility was shut on June 27 after two explosions damaged its processing trains, forced Destin to declare a force majeure event, and resulted in temporary offshore production platform shut-ins while operators adjusted transportation arrangements. Destin's system will remain in a state of force majeure until operations at the processing plant return to normal.

Reuters, 10:39 January 11, 2017

Compressor Upset Leads to Flaring at Canyon Midstream's 105 MMcf/d James Lake Midstream System in Texas January 10

Canyon Midstream reported emissions at its James Lake plant on Monday afternoon after a compressor went down on low compressor oil pressure, according to a filing with state regulators.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=250204>

Turbine Shutdown Leads to Emissions at DCP Midstream's Its 160 MMcf/d Goldsmith Gas Plant in Texas

DCP Midstream reported emissions at its Goldsmith plant occurred on Monday afternoon after a B-turbine shut down due to high vibration, according to a filing with the Texas Commission on Environmental Quality.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=250208>

Other News

Nothing to report.

International News

Oil Workers Go on Strike at Crude Flow Station in Niger Delta January 10

Nigerian oil workers have gone on strike at the Oleh crude oil flow station in the Niger Delta oil hub because they have not been paid recently, a labor union official said on Tuesday. A youth leader in the area said striking workers had closed several flow stations belonging to state oil firm NNPC and "stopped crude oil production," without giving details, reports said. No more details or a comment from NNPC were immediately available.

http://www.downstreamtoday.com/news/article.aspx?a_id=54899

http://www.downstreamtoday.com/news/article.aspx?a_id=54870

Energy Prices

U.S. Oil and Gas Prices January 11, 2017			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	52.14	53.21	31.37
NATURAL GAS Henry Hub \$/Million Btu	3.21	3.39	2.47

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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