



ENERGY ASSURANCE DAILY

Tuesday Evening, December 24, 2013

Electricity

Update: 362,000 Customers from Michigan to Maine Remain Without Power After Ice, Snow Storm

Approximately 362,000 customers remained without power Tuesday after a snow and ice storm moved across Michigan, New York, and northern New England over the past few days. In Michigan, the hardest hit state, 242,600 customers remained without power despite around the clock repairs by line workers. As of 12:30 p.m. EST, Consumers Energy reported 174,000 customers remained without electricity in the mid and western portions of the state, out of 303,000 affected customers. In the Metro Detroit area, DTE Energy reported 55,000 customers remained without power, out of 150,000 that have been affected by the storm. The Lansing Board of Water & Light reported Tuesday morning that 13,600 remained without electricity. According to a DTE spokesperson, crews will continue to work through Christmas Eve and Christmas Day until power is fully restored. DTE has brought in 450 linemen from other states including West Virginia, Pennsylvania, Georgia, Indiana, Illinois, and Ohio.

Maine, Michigan, New York, and Vermont Customer Power Outages			
December 24			
Electric Utility	State	Affected	Latest Reported
Bangor Hydro	ME	33,000	24,055
Central Maine Power	ME	86,081	86,081
Consumers Energy	MI	303,000	174,000
DTE Energy	MI	150,000	55,000
Lansing Board of Water & Light	MI	34,800	13,600
National Grid	NY	67,000	5,111
New York State Electric & Gas	NY	24,972	7
Vermont Electric Cooperative	VT	22,000	4,410
TOTAL*		720,853	362,264

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

Sources:

http://apps.bhe.com/about/outages/Outage_Map.cfm

https://twitter.com/bangorhydro_mps

<http://www.cmpco.com/outages/outageinformation.html>

<https://www.consumersenergy.com/News.aspx?id=6935&year=2013>

<http://www.consumersenergy.com/outagemap>

<https://www2.dteenergy.com/wps/portal/dte/residential/problemsSafety/details/outage>

<http://www.lbwl.com/alert/>

<https://twitter.com/bwlcomm>

<https://www1.nationalgridus.com/PowerOutageMap>

http://www.syracuse.com/news/index.ssf/2013/12/ice_storm_causes_massive_outages_in_western_and_northern_ny_leaves_2_inches_of_i.html

<http://www.nyseg.com/OurCompany/News/2013/122213ErieNiagarastorm.html>

<http://www.nyseg.com/Outages/outageinformation.html>

<http://www.nyseg.com/Outages/outageinformation.html>

<http://www.vermontelectric.coop/outage>

<http://www.detroitnews.com/article/20131224/METRO06/312240038#ixzz2oPgItYT5>

Update: Over 238,000 Customers in Ontario and Quebec Remain Without Power After Ice Storm

About 238,000 customers in Ontario and Quebec remained without power after an ice storm moved across the provinces December 21–23. As of 12:30 p.m., Toronto Hydro reported approximately 90,000 customers remain without power, down from 300,000 at the height of the storm. About 31,500 Hydro-Quebec customers were without power on Monday, down from 198,500 customers. Hydro One reported 59,471 customers remained without power down from 120,000 customers. PowerStream, Veridian Connections, and New Brunswick Power reported 6,400, 7,000, and 43,932 customers respectively without power.

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

<http://news.hydroquebec.com/en/failures/hq/35/service-interruption-report/#.UriaRfRDsSk>

<http://www.hydroone.com/stormcenter3/>

http://www.hydroone.com/OurCompany/MediaCentre/Documents/NewsReleases2013/2013_12_22_Ice_storm_update.pdf

<http://blog.powerstream.ca/2013/12/powerstream-continues-restore-power-service-territory/>

http://www.veridian.on.ca/corporate_news_connections_2013-12-24.php

<http://www.nbpower.com/Open/Outages.aspx>

Alta Wind, LLC's 150 MW CPC West - Alta Wind Unit 1 in California Shut by December 23

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201312231515.html>

Calpine's 525 MW Sutter Gas-fired Unit in California Shut by December 23

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201312231515.html>

Hawaiian Electric's 5 MW Kalaeloa Renewable Energy Park Comes Online December 23

Kalaeloa Renewable Energy Park opened today and will immediately begin generating electricity for Hawaiian Electric customers on Oahu. Following four years of development and construction, the 5MW, utility-scale solar park was successfully tested and commissioned on November 22. The renewable power plant is expected to reduce the fossil fuel consumption on the island. The facility is comprised of 21,000 photovoltaic panels and will generate around 9 million kWh of electricity per year.

<http://finance.yahoo.com/news/kalaeloa-renewable-energy-park-comes-234600374.html>

Petroleum

Marathon's 114,000 b/d Detroit, Michigan Refinery to Reach Full Rates After Unit Restart

Marathon Petroleum's Detroit refinery is expected to reach full rates after completing the restart of a diesel hydrotreater, according to a person familiar with operations. The unit was started December 20 after shutting the previous day when a gasket blew out on a check valve. Repairs were completed and the unit was expected to ramp up to 100 percent capacity by the end of the day, the person said.

<http://www.hydrocarbonprocessing.com/Article/3292458/Latest-News/Marathon-Detroit-said-to-reach-full-rates-after-unit-restart.html>

Natural Gas

Enbridge Reports AGIs Trip at Its Tilden Gas Plant in Texas December 23

Enbridge reported that due to the chiller tripping on low cooling water temperature, acid gas injectors (AGIs) no. 1 and 2 tripped on fifth stage high discharge pressure. Plant personnel determined that the chiller needed to have the temperature reset from 60 to 65 degrees. Once the chiller was operating normally, the AGIs were restarted and stabilized.

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=192265>

Other News

Nothing to report.

International News

South Sudan's Oil Output Falls 45,000 b/d Due to Rebel Fighting – Petroleum Minister

South Sudan's oil production fell by 45,000 b/d to 200,000 b/d after oilfields in Unity state shut down due to rebel fighting, the petroleum minister told Reuters on Tuesday. Workers had been evacuated from Unity's oilfields although production in Upper Nile state, which produces 200,000 b/d, remained safe and outside the reach of rebels.

<http://www.reuters.com/article/2013/12/24/southsudan-unrest-oil-idUSL6N0K312C20131224>

Energy Prices

U.S. Oil and Gas Prices			
December 24, 2013			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	99.20	96.97	87.96
NATURAL GAS Henry Hub \$/Million Btu	4.42	4.21	3.35

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>

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