



ENERGY ASSURANCE DAILY

Thursday Evening, December 26, 2013

Electricity

Update: 134,000 Customers in Michigan, Maine Remain Without Power After Dec 21–23 Ice, Snow Storm

Approximately 134,000 customers remained without power in Michigan and Maine Thursday after a snow and ice storm moved across those states last weekend and into Monday. In Michigan, 101,900 customers remained without power. As of 12 p.m. EST, Consumers Energy reported 86,500 customers remained without electricity out of 348,000 customers that had been affected by the storm since it began. While power restoration work is continuing at a steady pace, Consumers Energy is monitoring upcoming warmer temperatures which could melt ice now coating tree branches, causing them to snap into power lines, and perhaps cause additional customer outages. The company said it expects power to be fully restored by Saturday. DTE Energy reported 11,000 customers remained without power as of 12 p.m. EST, out of 150,000 that had been affected by the storm. Because of the extent of damage and icy working conditions, DTE doesn't have accurate restoration estimates for completing restoration work but expects the last of its customers to be restored by the weekend. DTE reports that frigid temperatures, snow and higher velocity winds are making restoration work more challenging, and new power outages have occurred as ice continues to put weight on power lines and tree branches. Windy conditions Wednesday also caused ice fall and breakage, slowing the restoration work and making it even more challenging. Even getting to job sites has been difficult due to icy roads and yards. The Lansing Board of Water & Light reported as of 5 a.m. EST 4,400 customers remained without electricity. In Maine, 33,000 customers remained without power. Central Maine Power (CMP) reported that 21,000 customers were without power as of 11 a.m. EST. CMP expects to restore power to the majority of customers by late tonight, although snow and complicated working conditions are likely to push the final restoration into Friday, especially for customers in rural areas or where access is difficult.

Maine and Michigan Customer Power Outages			
December 26			
Electric Utility	State	Affected*	Latest Reported
Bangor Hydro	ME	33,000	11,826
Central Maine Power	ME	123,000	21,000
Consumers Energy	MI	348,000	86,500
DTE Energy	MI	150,000	11,000
Lansing Board of Water & Light	MI	34,800	4,400
TOTAL **		688,800	134,726

*Affected at some point during the storm

**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>

<http://www.cmpco.com/OurCompany/News/2013/news131226a.html>

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

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

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

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

<https://twitter.com/bwlcomm>

Update: 93,000 Customers in Eastern Canada Remain Without Power After December 21–23 Ice Storm

About 93,000 customers in Canada's eastern provinces remained without power after an ice storm moved across the provinces December 21–23. As of 9 a.m. EST, Toronto Hydro reported approximately 54,724 customers remain without power, down from 300,000 at the height of the storm. About 5,900 Hydro-Quebec customers were without power as of 2 p.m. EST, down from 305,000 customers. Hydro One reported 12,585 customers remained without power as of 3 p.m. EST down from 120,000 customers. New Brunswick Power reported 20,503 customers without power as of 3 p.m. EST.

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

<https://twitter.com/HydroQuebec>

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

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

Entergy's 813 MW FitzPatrick Nuclear Unit in New York Reduced to 50 Percent by December 26

On the morning of December 25 the unit was operating at full power, according to the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

Calpine's 525 MW Sutter Gas-fired Unit in California Returns to Service by December 25

The unit returned from an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201312251515.html>

AES's 336 MW Alamosa Gas-fired Unit 4 in California Shut by December 25

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201312251515.html>

Petroleum

Federated Co-operatives Reports Explosion, Fire at Its 130,000 b/d Regina Refinery in Saskatchewan December 24

Federated Co-operatives Ltd. reported an explosion and fire at its Regina refinery in Saskatchewan. The fire was 95 percent contained by late Tuesday, according to the Regina Fire and Protective Services. Early indications are that it was a liquefied petroleum gas explosion.

<http://www.hydrocarbonprocessing.com/Article/3292585/Latest-News/Regina-refinery-in-Saskatchewan-rocked-by-fire-after-LPG-explosion.html>

Natural Gas

Nothing to report.

Other News

Nothing to report.

International News

South Sudan Rebels Capture Oil Wells in Unity State – Petroleum Minister

South Sudan rebels captured some oil wells in Unity state where production was shut down earlier this week due to fighting, the petroleum ministry said on Thursday. The 45,000 b/d Thar Jath oil field in Unity state was captured but oil flows were unaffected in Upper Nile state where 200,000 b/d are produced.

<http://www.reuters.com/article/2013/12/26/southsudan-unrest-oil-idUSL6N0K51SQ20131226>

Yemen's 110,000 b/d Maarib Oil Pipeline Bombed, Crude Flows Halted – Oil Official

Tribesmen bombed Yemen's main oil pipeline Wednesday and it will take several days to repair it and resume crude pumping, oil and local officials said. The attack, in the Wadi Obaida area of Maarib, halted oil flows from the Maarib fields to the Ras Isa oil terminal on the Red Sea. This was the seventh attack on the pipeline this month and took place hours after repairs were completed following a previous bombing. Before a series of attacks which began in 2011, the Maarib pipeline carried around 110,000 b/d to Ras Isa.

<http://english.alarabiya.net/en/business/energy/2013/12/26/Bombing-of-Yemen-s-main-oil-pipeline-halts-crude-flows-officials-say.html>

Energy Prices

U.S. Oil and Gas Prices			
December 26, 2013			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	99.48	98.71	91.06
NATURAL GAS Henry Hub \$/Million Btu	4.43	4.25	3.37

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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