



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

ENERGY ASSURANCE DAILY

Wednesday Evening, October 07, 2009

Electricity

Storms Knock Out Power to more than 215,000 Customers in U.S. Midwest October 6-7

Storms and heavy winds downed power poles and transmission lines, cutting electricity to an estimated 215,779 customers in Michigan, Indiana, Illinois and Wisconsin on October 6-7, multiple sources reported. About 105,516 customers were still without power, as of latest reports. Consumers Energy expected to restore service to most affected customers by late tomorrow, but said some customers could remain in the dark until Friday. DTE Energy planned to restore service to approximately 80 percent of its downed customers by late October 7. Winds continued to affect the region, as of this morning. The following table lists peak and current outage figures, based on latest available data.

U.S. Midwest Customer Power Outages			
October 6 – October 7, 2009			
Electric Utility	State	Peak	Latest Reported
Consumers Energy	MI	86,000	41,000
DTE Energy	MI	80,000	58,000
AEP	MI/IN	7,205	430
Great Lakes Energy	MI	6,874	185
Midwest Energy Cooperative	MI	1,200	100
Commonwealth Edison	IL	19,000	1,900
We Energies	WI	14,000	3,800
NIPSCO	IN	1,500	101
TOTAL*		215,779	105,516

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

Sources:

DTE Energy: <http://www.annarbor.com/news/lights-off-for-2500-in-washtenaw-county-says-dte-energy/>
<http://www.thetimesherald.com/article/20091007/NEWS05/91007004/Strong+winds+knock+out+power>
<http://www.thetimesherald.com/article/20091007/NEWS05/91007008>

Consumers Energy: <http://www.consumersenergy.com/Newsroom/NewsArticle.asp?ID=1622>
<http://www.detnews.com/article/20091007/METRO/910070375/High-winds-blow-out-power-for-more-than-100K>
http://www.mlive.com/news/muskegon/index.ssf/2009/10/update_power_outages_for_some.html

AEP: <http://www.aepcustomer.com/outagemap/main.aspx?region=im>

Midwest Energy Cooperative: <http://www.teammidwest.com/>

Great Lakes Energy: <http://www.gtlakes.com/news/newsdetail.aspx?itemID=136>
<http://www.gtlakes.com/countiesmap.aspx>

Commonwealth Edison: <http://www.suntimes.com/news/metro/1811280.com-ed-power-outage-wind-100709.article>

We Energies: <http://www.fox6now.com/news/witi-091007-wind-gusts.0.2206177.story>

NIPSCO: <http://www.nipscoutages.com/WSSNisourceOutageMap/outagemap.html?action=city>
<http://www.freep.com/article/20091007/NEWS05/91007022/1007/news05/High-winds-batter-metro-Detroit>
<http://www.9and10news.com/category/story/?id=175301>
<http://www.wndu.com/localnews/headlines/63660717.html>
<http://www.southbendtribune.com/article/20091006/News01/910079998&template=247art>

Winds Cut Electricity to about 47,000 Customers in New York by October 7

Winds and rain knocked out electricity to up to 18,000 Central Hudson Gas & Electric customers, 10,658 National Grid customers, 8,434 Long Island Power Authority (LIPA) customers, 5,408 Con Edison customers, and 4,500 New York State Electric & Gas (NYSE&G) customers in New York by October 7, multiple sources reported. Some 7,405 Central Hudson Gas & Electric customers, 6,129 National Grid customers, and all other downed customers remained in the dark, as of latest reports. Central Hudson Gas & Electric: <http://stormcentral.cenhud.com/>
National Grid: <https://www1.nationalgridus.com/niagaramohawk/storm/OutagesByCounty.aspx>
LIPA: <http://www.lipower.org/stormcenter/outages/outagemap.html>
Con Edison: <http://apps.coned.com/weboutageinfo/stormcenter/default.aspx>
NYSEG: <http://www.wcax.com/Global/story.asp?S=11272210>
<http://abclocal.go.com/wabc/story?section=weather&id=7052797>
http://www.midhudsonnews.com/News/2009/October09/07/Power_out-07Oct09.htm
<http://www.poughkeepsiejournal.com/article/20091007/NEWS01/91007013/1006/news01/Widespread-power-outages-in-Dutchess-County>

Winds Knock Out Electricity to 33,160 BGE Customers in Maryland October 7—

Strong winds knocked out power to 33,160 BGE customers this morning, October 7. High winds continue this afternoon, but restoration efforts are underway. A total of 18,014 customers are still without power as of 4:15 pm October 7.
<http://www.wbaltv.com/news/21229862/detail.html>

Energy Northwest's 1,107 MW Columbia Generating Station Nuke Unit in Washington Reduced to 65 Percent by October 7

The Nuclear Regulatory Commission reported that on the morning of October 6 the unit was operating at 92 percent. Information derived from the NRC Power Reactor Status Reports:
<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

Dominion's 871 MW Millstone Nuke Unit 2 in Connecticut Shut by October 7

Dominion shut the unit due to an electrical fault in the switchyard, a spokesman said. The company had expected to shut the unit for refueling this weekend, but moved those plans forward to this week after the malfunction, according to the spokesman. The Nuclear Regulatory Commission reported that on the morning of October 6 the unit was operating at full power.

Bloomberg News, 08:37 October 7, 2009

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

Update: Exelon's 1,022 MW Clinton Nuke Unit in Illinois Ramped Up to 97 Percent by October 7

The Nuclear Regulatory Commission reported that on the morning of October 6 the unit was operating at 83 percent. Information derived from the NRC Power Reactor Status Reports:
<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

Update: Exelon's 850 MW Dresden Nuke Unit 3 in Illinois Ramped Up to 15 Percent by October 7

The unit shut due to a steam valve closure on October 3, a news source said. The Nuclear Regulatory Commission reported that on the morning of October 6 the unit was not operating.

Reuters, 07:47 October 7, 2009

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

Calpine's 561 MW Los Medanos Gas-fired Unit in California Shut by October 6

According to the California Independent System Operator, the unit reported an unplanned outage by October 6.
<http://www.caiso.com/unitstatus/data/unitstatus200910061515.html>

Luminant to Restart 593 Big Brown Coal-fired Unit 2 in Texas October 7

The unit tripped after a "sudden change in duct pressure" forced shut a booster fan on October 6, Luminant said in a filing with state regulators. The company expected to restart the unit on October 7, it said in a separate filing.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=130404>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=130407>

Update: Duke's 150 MW Southbay Gas-fired Unit 2 in California Returns to Service by October 6

According to the California Independent System Operator, the unit reported a return from an unplanned outage.
<http://www.caiso.com/unitstatus/data/unitstatus200910061515.html>

Update: Wolverine Power Cooperative Plans 600 MW Coal-fired Power Plant in Michigan

Wolverine Power Cooperative plans to construct two, 300 MW "clean coal" power units near Rogers City, Michigan, according to the company's website. The site would include a 300,000 tons/year carbon dioxide (CO2) capture system, a news source said. The state has yet to issue the plant an air quality permit, according to the source.

<http://www.wolverinecleanenergy.com/>

<http://www.google.com/hostednews/ap/article/ALeqM5ghqItCdbVxXBuxE-qxyJ6WRcvEgAD9B5SDG80>

Petroleum

Sunoco Shuts 145,000 b/d Eagle Point, New Jersey Refinery on Economic Conditions by October 6

Sunoco indefinitely shut all process units at its 145,000 b/d Eagle Point, New Jersey refinery, citing a recessionary economy, lagging demand and increased global refining capacity. The company plans to raise utilization rates at two Pennsylvania refineries—the Marcus Hook and Philadelphia facilities—to compensate for the lost output. It expects its overall production to remain “essentially” unchanged. The site’s refined product storage and handling operations will remain online, along with Sunoco Logistics Partners L.P.’s products rack, Sunoco said. The company plans to keep Eagle Point down “until market conditions improve.” It expects to “evaluate this decision and other options on an ongoing basis, including the feasibility of using the facility to produce alternative fuels in the future.”

<http://phx.corporate-ir.net/phoenix.zhtml?c=99437&p=irol-newsArticle&ID=1339286&highlight=>

Fire Forces Shut Hydrocracker at Valero's 315,000 b/d Corpus Christi, Texas Refinery by October 7

A small fire forced shut a hydrocracker at the west plant of Valero's 315,000 b/d Corpus Christi, Texas refinery on October 6-7, a spokesman said. The company expected to repair the affected unit and “restore normal operations as quickly as possible,” it said in a filing with state regulators. The spokesman did not say when the unit might return to service.

<http://www.reuters.com/article/rbssEnergyNews/idUSN0714670820091007>

<http://www.reuters.com/article/marketsNews/idUSSP47420120091007>

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=130413>

Alon Bringing Online New Hydrotreater at 70,000 b/d Big Spring, Texas Refinery by October 7

Alon began starting up a new hydrotreater and resumed normal rates at its 70,000 b/d Big Spring, Texas refinery, a company official said on October 7. Operators slowed the facility to about 55,000 b/d, beginning September 21, to install the new unit, the company official said previously.

Bloomberg News, 10:43 October 7, 2009

Total to Consider 90,000 b/d Expansion at Current 20,000 b/d Surmont Oil Sands Project in Alberta, Canada

Total expects to decide late this year or early in 2010 whether to move forward with a 90,000 b/d expansion at its existing 20,000 b/d Surmont oil sands project in Alberta, Canada, a company official said on October 5.

<http://www.theglobeandmail.com/report-on-business/eyeing-a-total-oil-sands-package/article1313295/>

Mississippi Gasification Plans 123 MMcf/d Coke-to-Gas Plant and Associated Carbon Capture Project in Mississippi

The facility would convert petroleum coke into synthetic natural gas, a news source said. It would also capture, purify and compress 4 million tons per year of carbon dioxide; the company received an \$840,000 grant from the U.S. Department of Energy for the carbon capture project, the source said.

<http://www.gulflive.com/news/mississippipress/news.ssf?/base/news/125491051279770.xml&coll=5>

Update: PSC Rejects FP&L's Planned 300-mile, 30-inch Underground EnergySecure Natural Gas Pipeline in Florida

The Florida Public Service Commission (PSC) unanimously rejected Florida Power & Light Co.'s (FP&L) petition of need for the proposed 300-mile underground "EnergySecure" natural gas pipeline, sources said. "FPL did not show the proposed project was the most cost-effective and reliable source of natural gas supply, transport, and delivery," the PSC said in a release. FPL had previously received state approval to construct gas-fired power units at the West County Energy Center in Palm Beach County, and to replace its oil-fired power plants in Cape Canaveral and Riviera Beach with natural gas units. The company had expected the line to deliver natural gas to those facilities, starting in 2014. It was not clear if it would re-consider the power plant projects.

<http://www.fpl.com/environment/lines/energysec.shtml>

<http://www.fpl.com/news/2009/10609.shtml>

<http://www.psc.state.fl.us/home/news/index.aspx?id=588>

<http://southflorida.bizjournals.com/southflorida/stories/2009/10/05/daily31.html>

Other News

Update: Upgrades to Keep Offline Tharaldson Ethanol's 120 MMGal/Yr. Ethanol Plant in North Dakota Until early 2010

Tharaldson Ethanol expects to upgrade equipment for 60-to-90 days at its 120 MMGal/Yr. ethanol plant near Casselton, North Dakota, a company official said. It expects to resume full rates around the start of 2010, according to the official.

<http://www.inforum.com/event/article/id/254949/>

<http://www.tharaldsonethanol.com/>

Update: Plainview BioEnergy Eyes October 12 Restart at 100 MMGal/Yr. Plainview, Texas Ethanol Plant

Plainview BioEnergy shut the facility in January 2009, citing "poor ethanol profit margins." It expects to restart production on October 12, its general manager said. The plant's developer, White Energy, declared bankruptcy in May 2009, according to a news source.

<http://ethanol-news.newslib.com/story/6938-33618/>

Greenfield Ethanol Plans 53 MMGal/Yr. Ethanol Plant in Hensall, Ontario

The company has not yet determined a fuel source for the site; it could process corn, switchgrass, wheat straw, corn stover or wood chips, a local official said. The company will not likely begin work until 2011, according to the official.

http://www.greenfieldethanol.com/media_20061030

<http://www.southhuron.com/news.php?id=1221>

Energy Prices

U.S. Oil and Gas Prices October 7, 2009			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	69.45	69.33	87.81
NATURAL GAS Henry Hub \$/Million Btu	3.23	3.30	6.88

Source: Reuters

Energy Notes

Transmission Station Snag Cuts Power to about 23,000 Thunder Bay Hydro Customers in Ontario, Canada October 6—Company Expected to Restore Power to all affected Customers by early October 7

http://www.chroniclejournal.com/stories_local.php?id=216016

Winds Knock Out Electricity to 15,117 CL&P Customers in Connecticut October 7

http://www.wtnh.com/dpp/news/hartford_cty/news_ledyard_winds_weather_200910071335

<http://www.cl-p.com/outage/default.aspx>

Update: SDG&E Meets with Critics to Discuss Rejected Fire-Prevention Plan—Company Still Hopes to Cut Electricity, under Certain Conditions, to Some California Customers, to Prevent the Spread of Fires

http://www.pe.com/ap_news/California/CA_San_Diego_Wildfire_Power_Lines_447449C.shtml

FP&L Eyes October 2009 Start-Date for Planned 25 MW DeSoto Next Generation Solar Energy Center in Florida

<http://www.fpl.com/news/2009/10709a.shtml>

<http://www.fpl.com/environment/solar/desoto.shtml>

Thirteen Coal Ash Ponds are Polluting Groundwater in North Carolina, Appalachian Voices' Upper Watauga Riverkeeper Analysis Shows

<http://www.wateronline.com/article.mvc/NC-Coal-Ash-Ponds-Contaminating-Groundwater-0001?VNETCOOKIE=NO>

Authorities Lift “Shelter in Place” Order after Benzene-Containing Chemical Leak at Imperial Oil’s Sarnia, Ontario Refinery October 6

<http://www.metronews.ca/calgary/live/article/332441--all-clear-given-after-chemical-leak-at-imperial-oil-refinery-in-sarnia-ont>

Oil Tanker Overturns, Spilling nearly 300 Gallons of Heating Oil in New York State October 6

<http://www.lohud.com/article/20091006/NEWS02/910060365/->

[1/newsfront/Cleanup%20under%20way%20after%20oil%20tanker%20rollover%20in%20Yorktown+%20nearby%20reservoir%20unscathed](http://newsfront/Cleanup%20under%20way%20after%20oil%20tanker%20rollover%20in%20Yorktown+%20nearby%20reservoir%20unscathed)

FCC-Related Emissions at Citgo's 156,000 b/d Corpus Christi, Texas Refinery by October 7

Bloomberg News, 12:10 October 7, 2009

Enbridge Seeks to Increase Oil Deliveries along Existing 570,000 b/d, 390-mile Athabasca Pipeline in Alberta, Canada—Line Currently Operating at about 390,000 b/d—Company May Also Boost Shipments along 600,000 b/d, 236-mile Waupisoo Pipeline in Alberta

<http://www.bloomberg.com/apps/news?pid=20601082&sid=agJXi5Bk6uOE>

Enbridge Eyes 300 MMcf/d Expansion along 1.3 Bcf/d British Columbia, Canada-to-Chicago, Illinois Alliance Natural Gas Pipeline

<http://www.kelowna.com/2009/10/07/enbridge-considers-pipeline-expansion-for-shale-gas/>

Underground CO2 Storage Could Trigger Unintended Environmental Effects—Canadian Study

<http://greeninc.blogs.nytimes.com/2009/10/06/canadian-study-scrutinizes-carbon-capture/>

Mechanical Failure along North Hinde Field Natural Gas Gathering Line in Texas October 6

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=130409>

Amine Heater Snag Forces Shut Pawnee Natural Gas Treating Plant in Texas October 6

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=130386>

Operators to Shut Compression at Salt Creek Gas Plant in Texas October 6-7

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=130030>

Turbine Shuts Briefly at Goldsmith Gas Plant in Texas October 6

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=130414>

Global Natural Gas Demand to Jump from 2.8 Trillion Cubic Meters/day, at Present, to 4.8 Trillion Cubic Meters/day by 2030

<http://www.reuters.com/article/GCA-GreenBusiness/idUSTRE59604T20091007>

Lukoil Could Produce 3 Tcf/Year of Natural Gas at Khvalynskyoye Field in the Kazakh Caspian Sea

<http://www.google.com/hostednews/ap/article/ALeqM5iXF3L9m1GtAw8heUvKNWJNqrT4QD9B5ML800>

Update: Magellan Plans 350,000 Barrels of Ethanol Storage at Port Everglades Facility in Florida

<http://www.sun-sentinel.com/business/sfl-port-tank-contract-100709.0.4064589.story>

Links

This Week in Petroleum from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

Natural Gas Weekly Update from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EST every Thursday.

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<http://www.oe.netl.doe.gov/ead.aspx>

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