



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

ENERGY ASSURANCE DAILY

Friday Evening, June 10, 2011

Major Developments

Update: Second Round of Storms Knock Out Power to Nearly 430,000 Customers Across the U.S. Northeast and Midwest, Utilities Continue Restoring Power June 9 - 10

After a series of storms passed through the Midwest and Northeast the evening of June 8, an additional group of storms caused additional outages the evening of June 9, into the morning of June 10. Thursday's sudden high winds and rainstorms knocked down additional trees and power lines.

U.S. Midwest and Northeast Customer Power Outages			
June 8 – June 10			
Electric Utility	State	Peak	Latest Reported
Alliant Energy	WI/MN/IA	86,099	146
Commonwealth Edison	IL	66,000	12,050
New York State Electric & Gas	NY	42,000	2,374
Central Hudson Gas and Electric	NY	20,420	468
Connecticut Light & Power	CT	62,000	38,925
Public Service of New Hampshire	NH	32,000	1,940
New Hampshire Electric Co-op	NH	20,000	1,263
National Grid	MA/NY/RI/NH	31,219	1,973
Baltimore Gas and Electric	MD	41,000	875
South Central Power	OH	13,309	62
Dayton Power and Light	OH	2,000	93
AEP Ohio	OH	1,418	121
Central Vermont Public Service	VT	12,000	150
TOTAL *		429,465	60,440

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

Sources:

Alliant Energy:

<http://www.alliantenergy.com/UtilityServices/StormOutageCenter/ElectricalOutageSummary/index.htm>

Commonwealth Edison: <http://www.comed.com/sites/customerservice/Pages/OutageMap.aspx>,

<http://abclocal.go.com/wls/story?section=news/local&id=8179917>

National Grid: <http://www.nationalgridus.com/>

Connecticut Light & Power: <http://www.cl-p.com/outage/OutageMap.aspx>,

<http://www.newstimes.com/local/article/CL-P-Storm-related-power-outages-could-continue-1418470.php>

[http://nuwnotes1.nu.com/apps/mediarelease/clp-](http://nuwnotes1.nu.com/apps/mediarelease/clp-pr.nsf/ED1030C66CC5725085257497004F6785/125F0B8F5B41146D852578AB00345DB5)

[pr.nsf/ED1030C66CC5725085257497004F6785/125F0B8F5B41146D852578AB00345DB5](http://nuwnotes1.nu.com/apps/mediarelease/clp-pr.nsf/ED1030C66CC5725085257497004F6785/125F0B8F5B41146D852578AB00345DB5)

Central Vermont Public Service: http://www.cvps.com/AboutUs/news/viewStory.aspx?story_id=342,

<http://www.rutlandherald.com/article/20110610/THISJUSTIN/110619999/0/NEWS01>

New York State Electric & Gas: <http://www.nyseg.com/Outages/outageinformation.html>,

<http://www.nyseg.com/OurCompany/News/2011/061011eaststorm11am.html>,

[http://www.poughkeepsiejournal.com/article/20110610/NEWS01/110610003/NYSEG-customers-Dutchess-Ulster-](http://www.poughkeepsiejournal.com/article/20110610/NEWS01/110610003/NYSEG-customers-Dutchess-Ulster-without-electricity?odyssey=nav/head)
[without-electricity?odyssey=nav/head](http://www.poughkeepsiejournal.com/article/20110610/NEWS01/110610003/NYSEG-customers-Dutchess-Ulster-without-electricity?odyssey=nav/head)

Central Hudson Gas and Electric: <http://stormcentral.cenhud.com/default.aspx>,

http://www.centralhudson.com/about_us/news/june9_11.html,

Dayton Power and Light: <http://www.dpandl.com/customer-service/outage-center/outage-map/>,

<http://www.whiotv.com/news/28193232/detail.html>, [http://www.newstalkradiowhio.com/news/news/local/1300-](http://www.newstalkradiowhio.com/news/news/local/1300-without-power-aftermath-morning-storms/nCsq9/)
[without-power-aftermath-morning-storms/nCsq9/](http://www.newstalkradiowhio.com/news/news/local/1300-without-power-aftermath-morning-storms/nCsq9/)

South Central Power: http://www.southcentralpower.com/ow/ow_map.aspx,
<http://www.chillicothe Gazette.com/article/20110610/NEWS01/106100302>
AEP Ohio: <https://www.aepohio.com/outages/Default.aspx>,
<http://www.chillicothe Gazette.com/article/20110610/NEWS01/106100302>
Public Service of New Hampshire: <http://www.psnh.com/outage/outagemap.aspx>,
<http://www.mysanantonio.com/news/article/Power-coming-back-on-for-NH-residents-1418380.php>
New Hampshire Electric Co-op: <http://www.nhec.com/oms.php>, <http://www.mysanantonio.com/news/article/Power-coming-back-on-for-NH-residents-1418380.php>
Baltimore Gas and Electric: <http://www.bge.com/customerservice/stormsoutages/currentoutages/Pages/default.aspx>,
http://files.shareholder.com/downloads/CEG/1286515143x0x475631/5396bc1c-3aba-4053-bfbb-09f78ac5fff2/Storm_Release1_FINAL_6-10-11.pdf,
http://www.abc2news.com/dpp/news/region/baltimore_county/bge-crews-restoring-thousands-overnight

Electricity

Update: Hydro One Works to Restore Remaining 56,048 Customers Without Power in Ontario, Canada on June 10

Heavy rain, high winds, lightning, and hail resulted in damage to more than 300 poles and many downed power lines on June 8. A Hydro One spokeswoman attributed the outages to “lightning hits on equipment and 80 to 100 km/h winds.” At the peak, up to 10,000 customers in Toronto were without electricity, and as many as 150,000 customers lost power throughout Ontario. 1,300 crews and six helicopters have been deployed to repair damage to the electricity distribution system.

<http://www.hydroone.com/StormCenter/>
<http://toronto.ctv.ca/servlet/an/local/CTVNews/20110610/hydro-one-customers-110610/20110610?hub=TorontoNewHome>
<http://www.thestar.com/news/article/1006168--thousands-still-without-power-after-gta-s-worst-first-storm>
<http://www.northumberlandtoday.com/ArticleDisplay.aspx?e=3164386>

Update: Lower Winds Reduce Rate at which Wallow Fire Advances Toward Electricity Infrastructure in Arizona, Fire 5 Percent Contained

The Wallow Fire is now burning about 8 miles away from two 345 kV TEP transmission lines that carry energy from the Springerville and San Juan Generating Stations to Tucson, Arizona. The fire has moved north overnight, but has not moved east into New Mexico, where the power lines are located. In a June 10 press release, TEP indicates “The section of the fire closest to TEP’s transmission lines has not advanced significantly in several days. Further south, though, the fire has advanced several miles in recent days toward Blue Creek in the San Francisco Mountains, approaching within 10 miles of the lines.” TEP reports the fire could potentially reach the grasslands near TEP’s Springerville Generating Station if it is not contained. El Paso Electric indicates the fire is 15 miles away from the company’s Springerville transmission line and the fire’s two eastern prongs were 7 and 12 miles from PNM transmission lines. Tucson utility UniSource Energy Corp. has started local power plants in case the wildfire damage causes blackouts in the city.

<http://www.navopache.org/>
<http://www.tucsonelectric.com/Company/News/WallowFire/>
<http://www.epelectric.com/about-el-paso-electric/arizona-wildfires-threaten-key-epe-transmission-line>
<http://www.inciweb.org/incident/2262/>
http://www.pnm.com/customers/az_fire_concerns_06-9-2011.htm?source-graphic060911
<http://www.bloomberg.com/news/print/2011-06-09/unisource-starts-tucson-plants-to-avert-fire-caused-blackout.html>

Update: TVA's 1,118 MW Browns Ferry Nuclear Unit 2 in Alabama Ramped Up to 93 Percent by June 10

The Nuclear Regulatory Commission reported that on the morning of June 9 the unit was operating at 23 percent. Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

Update: Duke Energy's 1,129 MW Catawba Nuclear Unit 1 in South Carolina Ramped Up to 95 Percent by June 10

The Nuclear Regulatory Commission reported that on the morning of June 9 the unit was operating at 54 percent. Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

Duke Energy's 846 MW Oconee Nuclear Unit 1 in South Carolina Ramped Up to 36 Percent by June 10

The Nuclear Regulatory Commission reported that on the morning of June 9 the unit was not operating. Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

AES's 506 MW Redondo Gas-Fired Unit 7 in California Returns to Service by June 9

According to the California Independent System Operator, the unit reported a return from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus201106091515.html>

Calpine's 366 MW Inland Empire Energy Center Gas-fired Unit 2 in California Shut by June 9

According to the California Independent System Operator, the unit reported an unplanned outage by June 9.

<http://www.caiso.com/unitstatus/data/unitstatus201106091515.html>

Petroleum

Valero Returns Hydrogen Plants to Planned Rates at 235,000 b/d Aruba Refinery by June 10

A Thursday power outage caused the hydrotreaters supplied by the hydrogen plants to be taken out of service while the plants restarted. The main production units at the refinery were not affected by the power outage.

Reuters, 11:25 June 10, 2011

Update: Crude Units to Operate at Average Crude Output of 108,000 b/d at CVR Energy's 115,700 b/d Coffeyville, Kansas Refinery though June 30

The refinery experienced a fire at its continuous catalyst reformer on May 10. The refinery will undergo a scheduled turnaround in October 2011, and is planned to be operating at the reduced output rate through the end of June.

Reuters, 17:00 June 9, 2011

Norwegian Parliament Approves Statoil's \$3.7 Billion Plan for 206 Million boe Valemon Oil and Gas Field Development in the North Sea on June 9

The field is estimated to have 206 million boe as well as 26 billion cubic feet of gas, and one million cubic meters of natural gas liquids. Production start-up is planned for 2014. The gas will be transported via the existing pipeline from Huldra to Heimdal, and further exported to European markets. At peak, Valemon could produce approximately three billion cubic meters of gas per year.

http://www.rigzone.com/news/article.asp?a_id=107927

Shell Proposes Expansion of Jackpine Mine Oil Sands Project near Fort McMurray in Alberta, Canada

The expansion is planned to increase bitumen production by 100,000 b/d, and will include additional mining areas, associated processing facilities, and infrastructures on the east side of the Athabasca River. The Jackpine Mine is part of The Athabasca Oil Sands Project, a joint venture between Shell Canada Limited, Chevron Canada, and Marathon Oil Canada Corporation.

<http://www.newswire.ca/en/releases/archive/June2011/09/c4440.html>

<http://www.nacg.ca/project/albian-sands-jackpine-mine-development>

Natural Gas

Update: U.S. Secretary of the Interior Announces Permitting Agreement Reached for 6 Tcf Kerr-McGee Natural Gas Drilling Project in Utah on June 9

The Kerr-McGee project would include up to 3,675 new gas wells. The Bureau of Land Management and the Environmental Protection Agency have been working with Kerr-McGee to develop a plan that will reduce the project impact on air quality in the basin.

<http://www.ens-newswire.com/ens/jun2011/2011-06-09-092.html>

CPUC Orders Utilities to Test or Replace Nearly 1,100 Miles of Aging Natural Gas Pipelines

The California Public Utilities Commission (CPUC) order is part of a safety overhaul following the fatal San Bruno pipeline explosion in 2010. PG&E has identified about 700 miles of gas pipeline that it plans to pressure-test or replace. Semptra's Southern California Gas and San Diego Gas & Electric are conferring with regulators on nearly 400 miles of pipeline that they may need to test or replace.

<http://www.downstreamtoday.com/News/ArticlePrint.aspx?aid=26884>

Other News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
June 10, 2011			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	99.40	100.13	75.52
NATURAL GAS Henry Hub \$/Million Btu	4.92	4.64	4.75

Source: Reuters

Energy Notes

U.S. Energy Secretary Steven Chu Announces Offer of Conditional Commitment for a \$350 Million Loan for Ormat Nevada's Jersey Valley, McGinness Hills, and Tuscarora Geothermal Power Projects Totaling 121 MW, Potentially Increasing Geothermal Power Production in Nevada by 25 percent

<http://www.energy.gov/news/10357.htm>

Direct Lightning Strike Causes Siren Damage, Siren Declared Out of Service for Repairs at Exelon's 2,360 MW Braidwood and 1,700 MW Dresden Nuclear Plants in Illinois June 9

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110610en.html>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110610en.html>

Update: Norwegian Ministry of Petroleum and Energy Approves Statoil's 67 Million boe Visund South Oil-and-Gas Field Development Plan in Offshore Norway, Production to start up third quarter of 2012

http://www.rigzone.com/news/article.asp?a_id=107926

National Hydrocarbons Agency Reports Colombia's Oil Production Increased 19 Percent to 923,000 b/d in May 2011, Continuing to Break Historic Records

Reuters, 18:19 June 9, 2011

Update: Norwegian Approve ConocoPhillips' 70,000 boe/d Ekofisk South and Eldfisk II Oil and Gas Projects in the North Sea by June 9, Production to Start in Early 2014

http://www.rigzone.com/news/article.asp?a_id=107891

Four-inch Citizens Gas Main Nicked by Construction Crew Requiring Evacuations in Fountain Square, Indiana on June 8

<http://www.fox59.com/news/wxin-gas-leak-gas-main-rupture-forces-six-businesses-to-evacuate-20110608.0.6438130.story>

Construction Workers Accidentally Strike 2-inch Yankee Gas Line, Causing Evacuations at Danbury, Connecticut Mall on June 8

<http://www.newstimes.com/news/article/Gas-line-breach-forces-authorities-to-evacuate-1415112.php>

Reduced Intake of Gas, Shutdown of Engine #2 Due to Mechanical Problem Requires Shut In of 3 million Mcf at Credo Booster Station in Texas June 10-11, Engine #2 Later Returned to Service

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=155480>

Cold Plant Shutdown and Turbine Shutdown Requires Flaring at DCP Midstream's Goldsmith Gas Plant in Texas on June 9

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=155476>

High Electricity Demand Due to High Temperatures Causes Detroit, Michigan Municipal Power System Failures on June 9-10, Several Public Buildings Remain Without Power

<http://www.ctpost.com/news/article/Sections-of-Detroit-remain-without-power-Friday-1418465.php>

6,000 Gallon Kinder Morgan Crane Barge at Hooker's Point Leaks 4,900 Gallons of Diesel Fuel into Port of Tampa, Florida on June 7, Cause of Spill is Under Investigation

<http://www.tampabay.com/news/publicsafety/nearly-5000-gallons-of-diesel-leak-into-port-of-tampa/1174220>

PPL Electric Utilities Plans New Transmission Operations and Emergency Response Data Center in Upper Macungie Township, Pennsylvania, Site Will Begin Operating in Late 2012

<http://www.prnewswire.com/news-releases/ppl-plans-new-data-and-operations-center-in-upper-macungie-123555754.html>

Flaring Reported at Triad Energy's En Woods Lease Tank Battery in Texas due to DCP Midstream Plant Shutdown for Unscheduled Maintenance June 10-12

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=155488>

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 EST every Wednesday.

Natural Gas Weekly Update from EIA

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

Updated after 2:00 PM EST 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