



ENERGY ASSURANCE DAILY

Thursday Evening, June 12, 2008

Electricity

Update: Power Restored to More Than 900,000 Customers but Over 90,000 Remain Without Power in the Northeast June 12

About 90,531 customers remained without power in storm-damaged areas of the Northeast as of 3:00 PM eastern daylight time, June 12, according to the latest reports from utility websites and local news sources. An estimated 1,004,734 customers lost power on the night of June 10 when severe storms and strong winds damaged power lines from Virginia to Quebec. PSE&G in New Jersey, one of the hardest hit utilities, continues to make significant progress restoring power but does not expect to restore some of its 7,000 customers still without power until July 13. A spokeswoman for PECO in Pennsylvania, another hard hit utility, estimates that most of the utility's 5,000 remaining outages will be repaired June 12 but expects some homes to remain without power until June 13.

East Coast Customer Power Outages			
June 10 -12, 2008			
Electric Utility	State	Affected Customers*	Latest Reported
PSE&G	New Jersey	248,800	7,000
Jersey Central Power & Light	New Jersey	21,000	0
PECO	Pennsylvania	152,000	5,000
PPL Electric	Pennsylvania	23,000	5,288
Allegheny Power	Pennsylvania	2,915	22
National Grid	New York	70,000	3,061
Con Edison	New York	18,500	530
NYSEG	New York	34,300	3,350
Central Hudson Gas & Electric	New York	34,000	6,000
Orange and Rockland Utilities	New York	10,000	0
LIPA	New York	4,974	146
Baltimore Gas & Electric	Maryland	80,933	3,318
Delmarva Power	Maryland	11,474	6
Allegheny Power	Maryland	10,143	45
Pepco	Maryland	7,651	968
Dominion Virginia Power	Virginia	23,806	593
Novac	Virginia	2,168	1
Allegheny Power	Virginia	1,154	0
Connecticut Light & Power	Connecticut	20,024	3,532
United Illuminating Co.	Connecticut	6,121	107
Central Vermont Public Service	Vermont	13,000	0
Pepco	District of Columbia	3,056	457
Allegheny Power	West Virginia	2,416	6
Delmarva Power	Delaware	1,767	101
Hydro Quebec	Quebec	250,000	51,000
TOTAL**		1,027,228	90,531

*The figures in this column for PSE&G and BG&E represent the total number of customers that lost power over the course of the storm. The figures in this column for all other utilities represent the highest number of customers reported without power at one time on June 10 to June 11, 2008.

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

Sources:

Energy Assurance Daily, June 11, 2008

PSE&G, http://www.pseg.com/media_center/pressreleases/articles/2008/2008-06-12.jsp

Jersey Central Power and Light,

http://www.philly.com/philly/wires/ap/news/state/new_jersey/20080612_ap_psegsays7700stillwithoutpower.html

PECO,

http://www.philly.com/inquirer/breaking/news_breaking/20080612_PECO_5_000_homes_still_without_power.html

Allegheny, <http://app.alleghenyenergy.com/outagestatus/customeroutagestatus/>

National Grid, <https://www1.nationalgridus.com/niagaramohawk/storm/OutagesByCounty.aspx>

Con Edison, <http://www.coned.com/newsroom/news/pr20080612.asp>

<http://apps.coned.com/weboutageinfo/stormcenter/default.aspx>

Central Hudson, http://www.cenhud.com/JuneStorm_update.html

ORU, <http://www.oru.com/advisories/?id=235>

LIPA, <http://www.lipower.org/stormcenter/outages/servicearea.html>

BG&E, <http://www.bge.com/portal/site/bge/menuitem.42d31413f80c584606370f10d66166a0/>

Pepco, <http://www.pepco.com/home/emergency/maps/zip/default.aspx>

Delmarva, <http://www.delmarva.com/home/emergency/maps/outage/>

Dominion, http://www.dom.com/news/outage_sos.jsp

NOVEC, <http://www.novec.com/map/summary.cfm>

CL&P, <http://www.cl-p.com/stormcenter/outage.aspx>

United Illuminating Co., <http://www.uinet.com/uinet/connect/UINet/Top+Navigator/Customer+Care/Home-Residential/Storm+Center/Outage+Map/Outage+Map>

NYSEG: <http://www.nyseg.com/OurCompany/News/2008/061208storm7.html>

Central Hudson G&E:

<http://www.poughkeepsiejournal.com/apps/pbcs.dll/article?AID=/20080612/NEWS01/806120334/1006>

Orange and Rockland Utilities,

<http://www.recordonline.com/apps/pbcs.dll/article?AID=/20080612/NEWS/80612010>

Hydro Québec,

<http://www.cjad.com/news/565/735495>

National Grid, <https://www1.nationalgridus.com/niagaramohawk/storm/OutagesByCounty.aspx>

Central Vermont Public Service, <http://www.cvps.com/CustomerService/OutageInfo.shtml>

PPL. <https://selfserv.pplelectric.com/EUSelfServ/Outage/OutageMap.aspx>

Update: 73,600 Customers Remain Without Power in Michigan June 12 Restoration to Stretch into Weekend

73,600 utility customers in Michigan remained without power by 11:32 AM central time, June 12. A wave of severe storms ripped through the state June 6 through 10, knocking out power to an estimated 730,000 customers.

Throughout the Midwest, the storms affected more than a million customers. A spokesman for DTE Energy, the hardest hit Michigan utility, says that 650 of its linemen and about 450 linemen other utilities are working to restore power. Some restoration work will stretch into the weekend.

Michigan Customer Power Outages			
June 6 - 12, 2008			
Electric Utility	State	Affected Customers*	Latest Reported
DTE Energy	Michigan	360,000	72,000
CMS Energy	Michigan	350,000	1,100
Lansing Board of Water and Light	Michigan	20,000	500
TOTAL**		730,000	73,600

*The figures in this column represent the total number of customers that lost power over the course of the storms.

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

Source: http://www.mlive.com/news/index.ssf/2008/06/other_states_pitch_in_to_help.html

Heavy Flooding Shuts Alliant's 156 MW Sutherland Coal-fired Generating Station in Iowa

According to an Alliant spokesperson, the company's Sutherland Generating Station was shut down June 9 to protect its operations from flood damage, but no power outage is expected as a result. Sandbags were stacked around a substation and the plant's control building.

Reuters, 16:04 June 12, 2008

<http://www.timesrepublican.com/page/content.detail/id/507189.html?nav=5005>

<http://gazetteonline.com/apps/pbcs.dll/article?AID=/20080611/BUSINESS/816643955>

As Floodwaters Rise in Iowa, FPL's 597 MW Duane Arnold Nuke Plant Sandbagging to Prevent Damage – Alliant's 84 MW Sixth Street Coal-fired Generating Station in Cedar Rapids May be Forced to Shut

FPL reports sandbags have been deployed at its Duane Arnold nuclear power plant site along the Cedar River in Iowa, as the river surged to a record level and may crest within the next 24 hours. The river is forecast to rise between 6 and 8 feet below the levels that would force a shutdown, an FPL spokeswoman said and currently the plant is operating at 100 percent power. Additionally, an Alliant representative reports the company may be forced to suspend operations at its Sixth Street power plant because of flooding; with the main threat to downtown power being potential flooding of the city's underground utility vault system.

Bloomberg, 12:04 June 12, 2008

Reliant's 320 MW Etiwanda Gas-fired Unit 4 in California Shut by June 11

Reuters, 19:27 June 11, 2008

Enmax's 250 MW Calgary Gas-fired Unit in Alberta Shut by June 11

Reuters, 13:12 June 12, 2008

Duke's 336 MW Morro Bay Gas-fired Unit 4 in California Shut by June 11

According to the California Independent System Operator, the unit experienced an unplanned outage on June 11.

<http://www.caiso.com/unitstatus/data/unitstatus200806111515.html>

Powerex's 428 MW Dynamic Resource Unit in California Reduced June 11

According to the California Independent System Operator, the unit experienced an unplanned curtailment of 354 MW on June 11.

<http://www.caiso.com/unitstatus/data/unitstatus200806111515.html>

Cabrillo Power's 300 MW Encina Gas-fired Unit 4 in California Shut by June 11

According to the California Independent System Operator, the unit experienced an unplanned curtailment of 155 MW on June 11.

<http://www.caiso.com/unitstatus/data/unitstatus200806111515.html>

Cabrillo Power's 330 MW Encina Gas-fired Unit 5 in California Shut by June 11

According to the California Independent System Operator, the unit experienced an unplanned curtailment of 185 MW on June 11.

<http://www.caiso.com/unitstatus/data/unitstatus200806111515.html>

Update: AES's 175 MW Alamitos Gas-fired Unit 1 in California Returns to Service June 11

According to the California Independent System Operator, the unit experienced an unplanned curtailment of 125 MW on June 11.

<http://www.caiso.com/unitstatus/data/unitstatus200806111515.html>

Update: Calpine's 525 MW Sutter Power Plant Aggregate Gas-fired Unit in California Returns to Service June 11

According to the California Independent System Operator, the unit experienced an unplanned curtailment of 264 MW on June 11.

<http://www.caiso.com/unitstatus/data/unitstatus200806111515.html>

Update: Emergency Shutdown at Entergy's Indian Point Nuke Plant in New York Triggered by Digital Camera

The emergency shutdown of a reactor at Entergy's Indian Point nuclear plant in New York in late March was triggered by flashes from a worker's digital camera. A March 23 outage due to a boiler pump repair needed to be documented by company employees via digital camera, and a signal from the camera flash led to the emergency shutdown. Entergy and the NRC said information about the camera incident would be passed to other nuclear plants.

<http://wcbstv.com/local/indian.point.nuclear.2.746333.html>

EPRCOR's 450 MW Genesee Coal-fired Unit 3 in Alberta Returns to Service June 12

Reuters, 08:01 June 12, 2008

Petroleum

World Faces 'Oil Crisis;' IEA Ready to Tap Emergency Reserves

International Energy Agency (IEA) Executive Director Tanaka said in a recent interview that the world is currently facing an oil crisis in which supply growth is not catching up with demand and the IEA stands ready to release petroleum reserves from emergency stockpiles at any time in the event of a major disruption.

<http://www.bloomberg.com/apps/news?pid=20601072&sid=a0SE24WXEk5U&refer=energy>

Hess's 70,000 b/d Port Reading, New Jersey Refinery Returns to Normal Operations Following Partial Power Outage June 11

According to a filing with New Jersey regulators, Hess's Port Reading refinery experienced a reduction in electric power resulting in flaring. Operations at the refinery went back to normal shortly following the power disruption.

Bloomberg, 08:29 June 12, 2008

Reuters, 12:12 June 12, 2008

Chevron Oil Well in California Experiences 'Blow In,' Fire Officials Report June 11

A Chevron oil well located near Bakersfield, California was blowing pressured steam and oil mist into the air according to a Kern County fire department official. The well was off line and being prepared for pumping when the "blow in" occurred. Chevron was unsuccessful in shutting off the well according to most recent reports.

Bloomberg, 11:00 June 12, 2008

Security to Increase on 12-mile Jet Fuel Pipeline Supplying Phoenix's Sky Harbor Airport in Arizona

A new state law signed by the Governor of Arizona requires an annual security assessment for a key fuel-tank farm and the 12-mile pipeline supplying 180,000 barrel/week jet-fuel to Phoenix's Sky Harbor airport in Arizona.

<http://www.azcentral.com/business/articles/2008/06/11/20080611biz-AirportFuel-11.html>

FCC Snag Has No Impact on Production at ExxonMobil's 562,000 b/d Baytown, Texas Refinery

According to a filing with state regulators, ExxonMobil reports there was no impact on production at its Baytown refinery from a May 15 snag in the gasoline-producing fluid catalytic cracking unit (FCC).

Reuters, 13:37 June 11, 2008

FCC Unit Shut at Pasadena Refining Systems's 100,000 b/d Pasadena, Texas Refinery June 11

According to a filing with state regulators, the FCC unit was shut due to an upset.

Reuters, 17:00 June 11, 2008

Clean Coal Energy Resources Plans 200,000 b/d Coal-to-Diesel Plant in Kentucky

Clean Coal Energy Resources is proposing the construction of the nation's largest coal-to-diesel plant to be located in Paducah, Kentucky. The project includes several stages, costing \$2 billion to \$3 billion and would produce 200,000 b/d of diesel fuel when completed.

http://www.redorbit.com/news/business/1427803/bunning_plant_a_major_step_forward/

Natural Gas

Williams Companies Plans 350 MMcf/d Expansion to its Echo Springs Natural Gas Processing Plant in Wyoming

Williams Companies is planning a \$233 million expansion with the goal to add a fourth cryogenic processing train to its Echo Springs natural gas processing plant located in Wyoming. The expansion is slated to be completed in 2010 allowing Williams to double the plant's output, adding 350 MMcf/d of processing capacity and 30,000 b/d of liquid natural gas production.

<http://www.zibb.com/article/3296476/Williams+To+Expand+Capacity+At+Wyoming+Gas+Processing+Plant>

Truck Carrying Compressed Natural Gas Explodes at Philadelphia Gas Works Facility in Pennsylvania June 11

Authorities report a truck carrying compressed natural gas exploded at approximately 2:00 PM on June 11 on the grounds of the Philadelphia Gas Works (PGW) facility. Investigators are trying to determine the cause of the explosion. No injuries were reported.

<http://cbs3.com/topstories/pgw.explosion.natural.2.743959.html>

Other News

USACE Begins to Shut Portions of Mississippi River Due to Flooding June 12

Flooding in many portions of the Midwest has led the United States Army Corps of Engineers to begin shutting portions of the Mississippi River. USACE was reported to have begun shutting Lock 16, with plans to shut eight additional locks between Illinois City, Illinois and Winfield, Missouri. The closures are expected to last 10 days but could extend into mid-July. The closures will halt barge traffic along the river, which serves as a transit route for both ethanol and petroleum products.

<http://in.reuters.com/article/oilRpt/idINN1142541120080611?sp=true>

<http://www.feedstuffs.com/ME2/dirmod.asp?sid=F4D1A9DFCD974EAD8CD5205E15C1CB42&nm=Breaking+News&type=news&mod=News&mid=A3D60400B4204079A76C4B1B129CB433&tier=3&nid=A309A81F65654077B9E43604B8B6561E>

RETAC Discusses Coal and Ethanol Supply Issues at Meeting June 12

Dust Mitigation Remains a Problem on the Joint Line out of the Powder River Basin

The Rail Energy Transportation Advisory Committee (RETAC), an industry advisory group to the U.S. Department of Transportation's Surface Transportation Board, met on June 12 to discuss supply issues dealing with the rail transportation of coal and ethanol. A representative from BNSF reported that the Joint Line, the only line out of the coal-producing Powder River Basin in Wyoming, is now completely triple tracked but dust mitigation remains a major issue. Dust accumulation caused several train derailments in 2005 that shut the Joint Line and disrupted coal supplies throughout the country. A representative from Union Pacific and a representative from Aventine Renewable Energy Inc. discussed logistics and constraints for moving ethanol by rail.

Source: DOE/OE Representative in Attendance

Energy Prices

U.S. Oil and Gas Prices			
June 12, 2008			
	Today	Week Ago	Year Ago
CRUDE OIL			
West Texas Intermediate U.S. \$/Barrel	135.81	124.29	65.00
NATURAL GAS			
Henry Hub \$/Million Btu	12.49	12.17	7.45

Source: Reuters

Energy Notes

Update: Court Decision Clears Way for TVA to Complete Cookeville-Algood Transmission Line Project in Tennessee

http://pro.energycentral.com/professional/news/power/news_article.cfm?id=10471042

Valero Reports No Impact to Production at its 190,200 b/d Delaware City, Delaware Following Scrubber Snag and Minor Oil Spill

Bloomberg, 09:03 June 12, 2008

Reuters, 08:44 June 12, 2008

Update: Nova Scotia Review Board Approves Construction of Maple LNG Project in Nova Scotia

http://www.downstreamtoday.com/News/Articles/200806/Nova_Scotia_Okays_MapleLNG_Project_11304.aspx

Crude Oil Inventories Fell 4.6 M Barrels to 302.2 M Barrels in Week Ending June 6, EIA Reports

http://biz.yahoo.com/ap/080611/oil_inventory_report.html?.v=1

Update: Enogex Says Additional Natural Gas Transportation Capacity Needed in Oklahoma – Announces Proposed 1 Bcf/d Heartland Crossing Project in Oklahoma

http://pro.energycentral.com/professional/news/gas/news_article.cfm?id=10471612

French Port Workers to Hold 48-hour Strike June 17 – June 18

Reuters, 05:20 June 12, 2008

Toyota to Introduce Plug-in Hybrid, Announces Full Scale Production Goal of 2010

<http://www.newsday.com/business/ny-bztoyo125723810jun12.0.2299387.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.

ENERGY ASSURANCE DAILY

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

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