



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

ENERGY ASSURANCE DAILY

Friday Evening, January 28, 2011

Electricity

Update: After Winter Storms, nearly 130,000 Customers Remain without Power across U.S. Northeast January 28

Some 129,668 customers remained without power on January 28, after snow storms knocked out power to more than 780,000 customers on January 26-27, according to multiple news and company sources. Pepco, the utility with the most outages remaining from the storm, said it expected to restore power to most affected customers by this evening. The following table lists peak and current outage figures, based on latest available data.

U.S. Northeast Customer Power Outages			
January 26-28, 2010			
Electric Utility	State	Peak	Latest Reported
BGE	MD	218,275	16,461
Pepco	MD/DC	207,544	75,543
Delmarva Power	MD/DE	31,930	3,059
Allegheny Power	MD	10,439	450
SMECO	MD	3,500	45
Dominion Virginia Power	VA	188,000	4,837
NOVEC	VA	30,734	6,556
Rappahannock Electric Cooperative	VA	20,000	13
Shenandoah Valley Electric Cooperative	VA	2,000	1
Appalachian Power	WV/VA	20,000	6,413
Allegheny Power	WV	19,179	11,933
PECO	PA	15,000	3,000
Atlantic City Electric	NJ	10,433	5
Jersey Central Power & Light	NJ	2,600	17
PSE&G	NJ	2,500	1,300
TOTAL *		782,134	129,633

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

Sources:

<http://www.cnn.com/2011/US/01/27/winter.weather/index.html?hpt=T2>

Pepco: <http://www.pepco.com/home/emergency/maps/stormcenter/> ,

<http://www.pepco.com/welcome/news/releases/archives/2011/article.aspx?cid=1618> , <http://www.pepco.com/home/>

, <http://voices.washingtonpost.com/local-breaking-news/weather/power-outages-around-the-dc-re.html>

BGE: <http://www.bge.com/portal/site/bge/menuitem.42d31413f80c584606370f10d66166a0/> ,

<http://www.bge.com/portal/site/bge/> ,

[http://files.shareholder.com/downloads/CEG/1146339974x0x437600/ff61000b-0998-4449-ae00-](http://files.shareholder.com/downloads/CEG/1146339974x0x437600/ff61000b-0998-4449-ae00-dd2fb751e0a2/WintryMix_5_FINAL_1-27-11.pdf)

[dd2fb751e0a2/WintryMix_5_FINAL_1-27-11.pdf](http://files.shareholder.com/downloads/CEG/1146339974x0x437600/ff61000b-0998-4449-ae00-dd2fb751e0a2/WintryMix_5_FINAL_1-27-11.pdf)

Delmarva Power: <http://www.delmarva.com/home/emergency/maps/stormcenter/default.aspx> ,

<http://abclocal.go.com/wpvi/story?section=news/local&id=7922547>

Allegheny Power (Maryland):

http://app.alleghenyenergy.com/outagestatus/OMS_Customer_State.aspx?Option=State&User=

<http://outage.smeco.coop/> , http://www.somdnews.com/stories/01282011/indytop170558_32408.shtml

Dominion Virginia Power: <http://www.dom.com/storm-center/dominion-electric-outage-summary.jsp> ,

<http://dom.mediaroom.com/index.php?s=43&item=954> , [http://www.sfgate.com/cgi-](http://www.sfgate.com/cgi-bin/article.cgi?f=%2Fg%2Fa%2F2011%2F01%2F27%2Fbloomberg1376-LFO2SP1A1I4H01-0JQTUN6N8RD2ARNBFNSMJM32MT.DTL)

[bin/article.cgi?f=%2Fg%2Fa%2F2011%2F01%2F27%2Fbloomberg1376-LFO2SP1A1I4H01-](http://www.sfgate.com/cgi-bin/article.cgi?f=%2Fg%2Fa%2F2011%2F01%2F27%2Fbloomberg1376-LFO2SP1A1I4H01-0JQTUN6N8RD2ARNBFNSMJM32MT.DTL)

[0JQTUN6N8RD2ARNBFNSMJM32MT.DTL](http://www.sfgate.com/cgi-bin/article.cgi?f=%2Fg%2Fa%2F2011%2F01%2F27%2Fbloomberg1376-LFO2SP1A1I4H01-0JQTUN6N8RD2ARNBFNSMJM32MT.DTL)

NOVEC: <http://www.novec.com/stormcenter/index.cfm> , http://www.thirdage.com/news/novec-assesses-storm-damage-prince-william-county_1-27-2011

Rappahannock Electric Cooperative: <http://www.myrec.coop/outage-center/outage-summary.cfm> , <http://www.rappnews.com/2011/01/27/rec-update-on-outages/11924/>

Shenandoah Valley Electric Cooperative: <http://www.svec.coop/v.php?pg=4> , <http://www.nvdaily.com/news/2011/01/unwelcome-guest.php>

Appalachian Power:

<https://www.appalachianpower.com/outages/details.aspx?stormName=Appalachian%20Power%20-%20January%2026,%202011>

Allegheny Power (West Virginia):

http://app.alleghenyenergy.com/outagestatus/OMS_Customer_State.aspx?Option=State&User=

PECO: <http://www.peco.com/stormcentral> , <http://abclocal.go.com/wpvi/story?section=news/local&id=7922547> , <http://delcotimes.com/articles/2011/01/28/news/doc4d424ad1331a5165145307.txt>

Atlantic City Electric: <http://www.atlanticcityelectric.com/home/emergency/maps/stormcenter/> , <http://abclocal.go.com/wpvi/story?section=news/local&id=7922547>

JCP&L: http://www.firstenergycorp.com/outages/outages.do?state_code=NJ ,

http://www.nj.com/news/index.ssf/2011/01/half_of_nj_customers_who_lost.html ,

<http://www.courierpostonline.com/article/20110127/NEWS01/110127065/Power-restored-for-most-N-J-customers> ,

<http://www.app.com/article/20110127/NEWS/110126009/MINUTE-BY-MINUTE-COMMUTER-REPORT-Monmouth-County-road-crews-watching-icy-conditions-tonight>

PSE&G: http://www.pseg.com/home/customer_service/outage_info/outagemap.jsp ,

<http://abclocal.go.com/wpvi/story?section=news/local&id=7922547> ,

<http://www.courierpostonline.com/article/20110127/NEWS01/110127065/Power-restored-for-most-N-J-customers> ,

<http://www.courierpostonline.com/article/20110128/NEWS01/101280342/After-huge-storm-a-slow-recovery>

Update: Duke Energy's 1,100 MW McGuire Nuclear Unit 2 in North Carolina Ramped Up to 69 Percent by January 28

Technical specifications required the company to begin shutting both units at the 2,200 MW McGuire nuclear power plant in North Carolina on January 20, two days after "the 1B and 2B trains of Nuclear Service Water Systems were declared inoperable," the company said in a previous filing with the Nuclear Regulatory Commission (NRC). Specifically, Duke Energy had to shut the units "due to the lack of reasonable assurance" that the trains could operate in a seismic event. Duke said the trains had become inoperable due to "fouling... caused by fish being sucked into the RN train suction strainers." The NRC reported that on the morning of January 27 the unit was operating at 48 percent. Unit 1 ramped up to full power by January 27.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110121en.html>

Information also derived from the NRC Power Reactor Status Reports:

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

Update: PPL's 1,105 MW Susquehanna Nuclear Unit 1 in Pennsylvania Ramped Up to 15 Percent by January 28

The company shut the unit on January 25 to fix a "minor steam leak," it said in a release. The NRC reported that on the morning of January 27 the unit was not operating.

<http://stage2.mediaroom.com/pplweb/index.php?s=12270&item=23858>

Information also derived from the NRC Power Reactor Status Reports:

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

PSO's 720 MW Oklaunion Coal-Fired Power Plant in Texas Shuts January 28-29

The unit tripped due to a "furnace tube leak," the company said in a filing with state regulators.

<http://www11.tceq.state.tx.us/oce/eei/index.cfm?fuseaction=main.getDetails&target=149926>

Update: Calpine's 366 MW Inland Empire Gas-Fired Unit 2 in California Shut by January 27

According to the California Independent System Operator, the unit reported an unplanned outage by January 27.

<http://www.caiso.com/unitstatus/data/unitstatus201101271515.html>

Petroleum

Crude Oil Rises 4.3 Percent on Fears that Egyptian Protests Could Close Suez Canal, Spark Unrest in Other Middle Eastern Nations January 28

Crude oil for March delivery rose 4.3 percent to \$89.34 per barrel – the largest such increase since September 2009 – on worries that Egyptian protests could lead to unrest in other Middle Eastern countries and/or disrupt deliveries along the Suez Canal, Bloomberg News and traders reported. The Suez Canal links the Mediterranean Sea and the Red Sea. It accounted for between 1 million and 1.6 million b/d of oil and oil product deliveries in 2008 and 2009, according to the Department of Energy's (DOE) Energy Information Administration (EIA).

<http://www.bloomberg.com/news/2011-01-28/crude-oil-climbs-from-eight-week-low-in-new-york-as-u-s-economy-expands.html>

Update: Alon to Resume Fuel Production in June 2011 at Newly-Purchased 70,000 b/d Refinery in Bakersfield, California

Alon expects to operate the facility as an integrated unit with its refinery in Paramount, California, the company said previously. It plans to deliver vacuum gas oil from Paramount to Bakersfield and then process that vacuum gas oil, primarily, into diesel and gasoline, according to a local news source. The site would not refine crude oil.

<http://www.bakersfield.com/news/local/x1818937117/Refinery-event-elicits-talk-of-jobs-June-reopening>

<http://www.alonusa.com/index.cfm?FuseAction=Page&PageID=1000024&ArticleID=158>

Petroplex Plans 10 Million Barrel Oil Storage Terminal in St. James Parish, Louisiana

The facility would initially be equipped to store 4 million barrels of petroleum/liquids products, and would include blending and distribution capabilities, according to Petroplex International, LLC's website. That storage capacity would eventually rise to 10 million barrels.

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

<http://www.petroplexinternational.com/Location.htm>

http://www.tankterminals.com/news_detail.php?id=1082

Natural Gas

Update: Apache Working to Control Natural Gas Leak at Non-Producing Platform Offshore Louisiana January 27

Apache Corp. was working to control the source of a natural gas leak at its non-producing East Cameron Block 278 Platform B in the U.S. Gulf of Mexico on January 27, and the company's well control procedures were believed to have significantly reduced the amount of gas flowing from the well, the Bureau of Ocean Energy Management, Regulation and Enforcement (BOEMRE) said in a release. Apache discovered the leak on January 16; it evacuated the site and shut down associated pipelines and facilities. After several safety system evaluations, the company re-boarded the platform on January 19. Apache was, prior to the leak, using the affected platform to process natural gas and condensate from separate offshore locations. It was working to permanently plug some non-producing wells at the time of the incident. Once Apache has confirmation that it has controlled the source of the leak, work to permanently plug the well will begin. In accordance with BOEMRE's direction, Apache moved a jack-up rig, Hercules 200, on location January 23 to drill a relief well in the event that the source control procedures from the platform are not successful. The rig is currently installing structural casing, the preliminary step in preparing the area for drilling.

<http://www.boemre.gov/ooc/press/2011/press0127.htm>

Other News

Update: Study Suggests Chemical Dispersants Lingered for Months in U.S. Gulf of Mexico

A major component of the chemical dispersant that responders injected into the oil-and-gas flow coming out of the Deepwater Horizon wellhead in the U.S. Gulf of Mexico was contained within an oil-gas-laden plume in the deep ocean and had still not degraded some three months after it was applied, a Woods Hole Oceanographic Institution (WHOI) chemist and her colleagues found in a new peer-reviewed study. The results, according to WHOI, raise questions about what impact the deep-water residue of oil and dispersant might have had on environment and marine life in the Gulf.

<http://www.whoi.edu/page.do?pid=7545&tid=282&cid=89188&ct=162>

OSM's Proposed Environmental Rules Would Eliminate Jobs and Reduce U.S. Coal Production

The Office of Surface Mining Reclamation and Enforcement (OSM) has proposed rules to guard streams from the negative impacts of coal mining, but those rules would reduce coal production in multiple states and eliminate an estimated 7,000 jobs, the Associated Press reported on January 27, citing an OSM document. Under the proposed rules, coal production would increase by 15 percent in North Dakota, Wyoming, and Montana, but remain flat or decrease in 22 states, according to the OSM document.

<http://www.osmre.gov/topic/StreamProtection/StreamProtectionOverview.shtm>

<http://www.google.com/hostednews/ap/article/ALeqM5j4JC7Gs3f7cpoJMK1xc-iveOoZ7Q?docId=1b0c534404754dc7a452ff23f9b3194d>

Energy Prices

U.S. Oil and Gas Prices January 28, 2011			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	87.96	88.39	73.04
NATURAL GAS Henry Hub \$/Million Btu	4.41	4.57	5.42

Source: Reuters

Energy Notes

Substation Fault Knocks Out Power to 10,000 CL&P Customers in Southbury and Woodbury, Connecticut Late on January 27 – Company Restored Power to Most Customers by Early January 28

<http://www.rep-am.com/news/local/doc4d41c13edfbdf022495111.txt>

Alleged Copper Thieves Cut Power Line, Knock Out Electricity Briefly to Neighborhood in Akron, Ohio January 25

http://blog.cleveland.com/metro/2011/01/thieves_cut_power_line_cause_b.html

Update: Citing Company Corrections NRC Ends Extra Oversight at Duke Energy's Oconee Nuclear Power Plant in South Carolina January 26 – NRC Began Increased Oversight in 2010, Citing Clogged Lines in Backup Shutdown Facility

<http://finance.yahoo.com/news/Feds-lift-extra-oversight-of-apf-3123238405.html?x=0&.v=1>

Coffeyville Resources Secures Hydrogen Sulfide Release at 115,700 b/d Coffeyville, Kansas Refinery January 28

Reuters, 00:22 January 28, 2011

Update: Alberta's ERCB Gives Conditional Okay to Total for Proposed 101,000 b/d Joslyn Oil Sands Mine in Canada by January 28 – Company Expects to Begin Operations in 2017

<http://www.favstocks.com/alberta-conditionally-approves-totals-new-joslyn-oil-sands-mine/2832015/>

OPEC, Excluding Ecuador and Angola, to Increase Oil Deliveries to 23.67 Million b/d in Four Weeks Ending February 12, Compared to 23.34 Million b/d in Four Weeks Ended January 15: Oil Movements

<http://www.bloomberg.com/news/2011-01-27/opec-boosts-exports-for-first-time-this-year-oil-movements-says.html>

Ukraine to Deliver about 7.3 Million Barrels of Caspian Sea-Derived Oil along Odessa-Brody Pipeline to Europe during 2011 – Line Has Been Used to Ship Oil from Russia to Mediterranean Sea

Reuters, 10:27 January 28, 2011

Gas Leak Forces Multiple Buildings to Evacuate in St. Petersburg, Florida January 27 – Leak Fixed, Evacuations Ended within Hours

<http://www.tampabay.com/news/publicsafety/fire/gas-leak-prompts-evacuation-of-downtown-st-petersburg-buildings/1147926>

Hundreds of Residents Evacuate as NIPSCO Investigates Reported Natural Gas Leak in East Chicago, Indiana January 27

<http://www.wthr.com/story/13919560/gas-leak-forces-hundreds-from-east-chicago-homes>

SRU Shutdown Leads to SO2 Release at Sneed Booster Station in Texas January 27

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=149912>

Update: Canada's NEB Conditionally Authorizes TransCanada's NOVA Gas Transmission to Construct Natural Gas Pipeline from Horn River, British Columbia to Alberta by January 28

<http://www.calgaryherald.com/technology/307M+Horn+River+pipeline+approved/4182431/story.html>

<http://www.transcanada.com/hornriverpipelineproject.html>

GE, NRG Energy ConocoPhillips Form Joint Venture to Accelerate Emerging Energy Technology – Companies Commit \$300 Million in Capital to Fund Approximately 30 Venture- and Growth-Stage Companies over Next Four Years

http://www.conocophillips.com/EN/newsroom/news_releases/2011news/Pages/01-27-2011.aspx

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/ead.aspx>

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