



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

ENERGY ASSURANCE DAILY

Thursday Evening, January 27, 2011

Major Developments

Storms Knock Out Power to More than 770,000 Customers across Eastern United States January 26-27

Snow storms blasted the eastern United States on January 26-27, disrupting travel and knocking out power to more than 770,000 customers across seven states and Washington, D.C., multiple news and company sources reported. Pepco and BGE, among the hardest-hit utilities, expected to restore service to the vast majority of their affected customers by late on January 28. Dominion Virginia Power, similarly, said it expected to restore power to at least 90 percent of its affected customers by tomorrow night. Some 344,794 customers remained without power, in total, as of this afternoon. The following table lists peak and current outage figures, based on latest available data.

U.S. Northeast Customer Power Outages January 26-27, 2010			
Electric Utility	State	Peak	Latest Reported
Pepco	MD/DC	207,544	149,308
BGE	MD	201,624	60,196
Delmarva Power	MD/DE	31,930	20,999
Allegheny Power	MD	10,439	3,838
Dominion Virginia Power	VA	188,000	64,130
NOVEC	VA	30,734	13,193
Rappahannock Electric Cooperative	VA	20,000	3,006
Shenandoah Valley Electric Cooperative	VA	2,000	23
Appalachian Power	WV/VA	20,000	7,201
Allegheny Power	WV	19,179	13,978
PECO	PA	15,000	6,000
Connecticut Light & Power	CT	10,000	66
Atlantic City Electric	NJ	10,433	256
Jersey Central Power & Light	NJ	2,600	1,600
PSE&G	NJ	2,500	1,000
TOTAL *		771,983	344,794

*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/>

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=

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-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>
 Connecticut Light & Power: <http://www.cl-p.com/outage/OutageMap.aspx>
 , <http://www.wfsb.com/weather/26633169/detail.html>
 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>
 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>

Electricity

Update: Duke Energy Returns 1,100 MW Unit 1 to Full Power, 1,100 MW Unit 2 to 48 Percent Power at McGuire Nuclear Power Plant in North Carolina by January 27

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 company ramped up Unit 1 to full power by January 27, from 90 percent power on January 26. It ramped up Unit 2 to 48 percent power by January 27, from 1 percent power on January 26, according to the NRC.

<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/>

CDWR's 374 MW San Luis Hydro Unit in California Reduced by January 26

According to the California Independent System Operator, the unit reported an unplanned curtailment of 230 MW by January 26.

<http://www.caiso.com/unitstatus/data/unitstatus201101261515.html>

Petroleum

Update: After Weekend Power Outage and Fire, Sinclair Operating 60,000 b/d Rawlins, Wyoming Refinery at Reduced Rates

Sinclair is running its 60,000 b/d Rawlins, Wyoming refinery at reduced rates, news and company sources said, after a power failure and a fire impacted the site's fluid catalytic cracking unit over the weekend. The plant experienced a complete power loss on January 22, according to Sinclair. The fire occurred as the company restarted the FCC on January 23. "The lack of reliable electricity from public power sources has become an increasing problem in recent years which has led to significant refinery damage, reduced operating rates, and most important, the reduction in the supply of transportation fuels to consumers in the Rocky Mountain region," Sinclair said.

<http://www.bloomberg.com/news/2011-01-26/sinclair-rawlins-refinery-running-at-reduced-capacity-update1-.html>

<http://af.reuters.com/article/energyOilNews/idAFWNAB715320110126>

Tesoro Restarts Process Unit at 96,860 b/d Wilmington, California Refinery

January 26-27

The unit shut by January 25.

Reuters, 13:07 January 27, 2011

Statoil Begins Oil Production at 10,000 b/d Leismer Demonstration Project in Alberta, Canada by January 27 – Site to Eventually Yield 40,000 b/d

Statoil has begun first oil production at its steam assisted gravity drainage (SAGD) Leismer Demonstration Project in Alberta, Canada, the company said on January 27. The project, approved to produce 10,000 b/d, is the first phase of the Leismer project, which is expected to ramp up to its rated capacity of 18,800 b/d within 24 months, pending provincial environmental approval. The company expects the site to eventually yield 40,000 b/d. Statoil, separately, said it plans to develop a 40,000 b/d oil sands facility – Corner – in Alberta, Canada.

http://www.statoil.com/en/NewsAndMedia/News/2011/Pages/27Jan_LeismerFirstOil.aspx

Pipeline Leak Led BP to Shut 18,000 b/d-25,000 b/d Wytch Farm Oil Field in United Kingdom during November 2010 – Field Remains Offline, as of Latest Reports

BP shut the field in November 2010 and began reviewing all of its pipelines; the site remained offline, as of latest reports. A BP spokesman said the company was “being extra careful” in the wake of last year’s Deepwater Horizon disaster in the U.S. Gulf of Mexico. BP, however, referred to the leak as small, and said “there was no environmental damage.” News sources conflicted as to how much oil the Wytch field produced, prior to its shutdown: one source said 25,000 b/d of oil and another said 18,000 b/d.

<http://www.telegraph.co.uk/finance/newsbysector/energy/oilandgas/8284455/BP-shuts-UK-field-after-oil-leak.html>
<http://online.wsj.com/article/BT-CO-20110127-705689.html>

Natural Gas

Caiman Energy Opens 120 MMcf/d Natural Gas Processing Plant near Cameron, West Virginia by January 26

Caiman Energy completed the 120 MMcf/d Ft. Beeler Processing Plant I, a cryogenic processing facility located in the Marcellus Shale formation near Cameron, West Virginia, the company said on January 26. The company expects to complete the 200 MMcf/d Ft. Beeler Processing Plant II by the end of 2011. It also plans to explore constructing a third cryogenic processing facility – also with a capacity of 200 MMcf/d – as early as the second quarter of 2011.

[http://www.caimanenergy.com/docs/Caiman_Energy_012611F\(a\).pdf](http://www.caimanenergy.com/docs/Caiman_Energy_012611F(a).pdf)

Other News

GM Withdraws Federal Loan Application, Citing Improved Business Performance January 27

General Motors (GM) is withdrawing its \$14.4 billion application for direct loans from the U.S. Department of Energy (DOE), the company said on January 27, citing significant improvement in its business performance. The Advanced Technology Vehicles Manufacturing Loan Program authorized \$25 billion in direct DOE loans to companies toward retooling U.S. factories to make vehicles and components that improve fuel economy.

http://media.gm.com/content/media/us/en/news/news_detail.brand_gm.html/content/Pages/news/us/en/2011/Jan/0127_federal_loan

Energy Prices

U.S. Oil and Gas Prices January 27, 2011			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	84.95	88.45	74.19
NATURAL GAS Henry Hub \$/Million Btu	4.40	4.48	5.61

Source: Reuters

Energy Notes

Bridger-Teton National Forest to Block Oil-and-Gas Companies from Leasing 70 Square Miles in Wyoming

<http://abcnews.go.com/Business/wireStory?id=12762126>

Tropical Cyclone Leads Chevron, Santos, Woodside Petroleum, and Apache Corp to Shut Oil Production in Australia by January 26

<http://www.bloomberg.com/news/2011-01-27/cyclone-bianca-intensifies-off-northwest-australia-halts-some-oil-output.html>

KazMunaiGas Says N Block Structure in Kazakhstan's Caspian Sea Could Contain More than 4.6 Billion Barrels of Oil – Up to 2 Billion Barrels Could Ultimately be Produced

<http://www.thenational.ae/business/energy/mubadala-finds-oil-in-caspian-sea>

Rosneft, ExxonMobil to Jointly Develop Arctic Black Sea Shelf – Tuapse Depression Contains Estimated 1 Billion Tons of Oil Equivalent

<http://en.rian.ru/business/20110127/162334735.html>

Natural Gas to Overtake Coal as World's Second-Biggest Source of Energy by 2030: ExxonMobil

Reuters, 10:24 January 27, 2011

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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