



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

# ENERGY ASSURANCE DAILY

Tuesday Evening, January 26, 2010

## Electricity

### Winds, Rain Cut Power to More than 240,000 Customers in U.S. Northeast January 25

Utilities had restored power to most affected customers, as of latest reports. The following table lists peak and current outage figures, based on latest available data.

U.S. Northeast Customer Power Outages			
January 25-26			
Electric Utility	State	Peak	Latest Reported
Baltimore Gas & Electric	MD	50,000	1,045
Public Service Enterprise Group	NJ	48,500	5,900
Atlantic City Electric	NJ	30,731	1,546
Jersey Central Power & Light	NJ	13,000	2,000
PECO	PA	35,000	1,550
PPL	PA	15,000	225
MetEd (FirstEnergy)	PA	10,000	4,500
Orange and Rockland	NY	13,000	190
Central Hudson Gas & Electric	NY	8,800	5,000
NYSEG	NY	8,000	80
Connecticut Light & Power	CT	7,000	244
United Illuminating	CT	4,000	3
<b>TOTAL *</b>		<b>243,031</b>	<b>22,283</b>

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

Sources:

Baltimore Gas & Electric: <http://www.bge.com/portal/site/bge/menuitem.42d31413f80c584606370f10d66166a0/> ,  
<http://www.baltimoresun.com/news/maryland/bal-md.outages26jan26.0.3841520.story>

Public Service Enterprise Group: <http://www.nj.com/gloucester/index.ssf?base/news-5/126448441646180.xml&coll=8> , <http://www.mycentraljersey.com/article/20100125/NEWS/1250334/-1/newsfront/Central-Jersey-to-turn-cold-by-week-s-end-after-mild-wet-start>

Atlantic City Electric: [http://www.pressofatlanticcity.com/news/press/atlantic/article\\_9fcec494-09cb-11df-a2be-001cc4c002e0.html](http://www.pressofatlanticcity.com/news/press/atlantic/article_9fcec494-09cb-11df-a2be-001cc4c002e0.html) , <http://www.atlanticcityelectric.com/home/emergency/maps/stormcenter/>

Jersey Central Power & Light: <http://www.nbcnewyork.com/news/local-beat/Wind-and-Debris-Cause-Delay-In-and-Around-City-82603942.html> , [http://www.firstenergycorp.com/outages/outages.do?state\\_code=NJ](http://www.firstenergycorp.com/outages/outages.do?state_code=NJ)

PPL, FirstEnergy: <https://selfserv.pplelectric.com/EUSelfServ/Outage/OutageMap.aspx> ,  
<http://www.pplelectric.com/Outage+Center>  
[http://www.firstenergycorp.com/outages/outages.do?state\\_code=PA](http://www.firstenergycorp.com/outages/outages.do?state_code=PA) ,  
<http://www.whtm.com/news/stories/0110/699333.html>

PECO: <http://www.nbcphiladelphia.com/weather/stories/Springsque-Storm-Stomps-Across-Area-82645532.html> ,  
<http://www.kyw1060.com/High-Winds-and-Heavy-Rains-Pummel-Delaware-Valley/6196173> ,  
<http://www.peco.com/outagemap>

Consolidated Edison: <http://www.oru.com/advisories/?id=344> ,  
<http://www.lohud.com/article/20100126/NEWS03/1260363/-1/newsfront/7-000-without-power-in-Rockland>

Central Hudson Gas & Electric:  
<http://www.recordonline.com/apps/pbcs.dll/article?AID=/20100126/NEWS/1260330/-1/SITEMAP>

NYSEG: <http://www.nyseg.com/OurCompany/News/2010/012610EastStorm.html>

Connecticut Light & Power, United Illuminating: <http://www.courant.com/news/weather/hc-severe-weather-advisory-0125.0.1608805.story> , <http://www.cl-p.com/outage/default.aspx> ,

<http://www.uinet.com/uinet/connect/UINet/Top+Navigator/Customer+Care/Home-Residential/Storm+Center/Outage+Map/>  
[www.hudsonvalleytraveler.com/perl/IncidentCongestionRpt.pl#wes](http://www.hudsonvalleytraveler.com/perl/IncidentCongestionRpt.pl#wes)  
<http://www.lohud.com/article/20100125/NEWS01/1250365/-1/newsfront/3-000+-without-electricity--train-service-resumes--roadways-getting-back-to-normal>

## **Winter Storms Knock Out Power to More than 20,000 Customers in Dakotas, Iowa January 19-26**

Winter storms blasted North Dakota, South Dakota and Iowa from January 19 onward, damaging rural electric grids and cutting power to at least 24,500 customers, multiple sources reported. The storms affected some 5,800 South Dakota Rural Electric Association customers—at least 10,000 customers, statewide—about 5,500 North Dakota electric cooperative customers, and more than 9,000 Iowa Association of Electric Cooperative customers. Some customers were expected to remain in the dark for weeks, news sources said, as the blizzards downed about 6,000 utility poles in South Dakota and more than 2,000 in North Dakota. Fewer than 5,700 rural South Dakota customers, at least 4,530 North Dakota Association of Rural Electric Cooperatives customers, and just over 3,000 Iowa Association of Electric Cooperative customers remained without power, as of latest reports. North Dakota Governor John Hoeven waived hours-of-service restrictions for commercial truck drivers on January 25, a separate source said.

<http://www.argusleader.com/article/20100126/NEWS/1260306/1001/news>  
<http://www.inforum.com/event/article/id/267043/>  
<http://www.ksfy.com/news/local/82659477.html>  
[http://www.kfyrvtv.com/News\\_Stories.asp?news=37276](http://www.kfyrvtv.com/News_Stories.asp?news=37276)  
[http://www.kfgo.com/news\\_Detail.php?ID=10413](http://www.kfgo.com/news_Detail.php?ID=10413)  
[http://journalstar.com/news/state-and-regional/nebraska/article\\_286726fc-0936-11df-bb05-001cc4c03286.html](http://journalstar.com/news/state-and-regional/nebraska/article_286726fc-0936-11df-bb05-001cc4c03286.html)  
<http://outages.iowarec.org/>  
<http://www.ndarec.com/stormreport.html>  
<http://www.farmforum.net/node/17057>

## **AEP's 721 MW Pirkey Coal-fired Power Plant in Texas Shut by January 26**

The unit shut due to a boiler tube leak, American Electric Power (AEP) said in filings with state regulators.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=134941>  
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=134946>

## **AES's 226 MW Huntington Beach Gas-fired Unit 2 in California Reduced by January 25**

According to the California Independent System Operator, the unit reported an unplanned curtailment of 146 MW by January 25.

<http://www.caiso.com/unitstatus/data/unitstatus201001251515.html>

## **Intergen's 180 MW Ciclo Combinado Mexicali Gas-fired Unit in Mexico Shut by January 25**

According to the California Independent System Operator, the unit reported an unplanned outage by January 25.

<http://www.caiso.com/unitstatus/data/unitstatus201001251515.html>

## **Update: AEP to Restart 558 MW Welsh Coal-fired Power Plant in Texas January 25-26**

The unit shut by January 25 “due to excessive turbine bearing vibration above the alarm point,” the company said in a previous filing with state regulators.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=134892>  
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=134891>

## **PSO to Restart 720 MW Oklaunion Coal-fired Power Plant in Texas January 26-27**

Public Service Company of Oklahoma (PSO) planned to restart the unit from January 26-27, it said in a filing with state regulators. The company did not say when the unit went offline.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=134689>

## **Tessera Solar Plans 1,600 MW of Solar Power in California**

The company expects to break ground late in 2010 on its proposed 750 MW Imperial Valley project near El Centro, California, and on its planned 850 MW Calico project near Barstow, California, according to a news release. It also plans to begin construction on its 27 MW Western Ranch project in Texas.

[http://tesseractosolar.com/north-america/pdf/2010\\_01\\_22.pdf](http://tesseractosolar.com/north-america/pdf/2010_01_22.pdf)

## **U.S. Wind Energy Industry Installs Nearly 10,000 MW in 2009—AWEA**

The U.S. Wind industry installed a record 9,922 MW of new generating capacity in 2009, boosting the nation's total wind capacity to over 35,000 MW, the American Wind Energy Association (AWEA) said in its Q4 Report. Despite the build, U.S. wind turbine manufacturing dropped from 2008 levels. To read the report, click on the first link below.

<http://awea.org/publications/reports/4Q09.pdf>

[http://awea.org/newsroom/releases/01-26-10\\_AWEA\\_Q4\\_and\\_Year-End\\_Report\\_Release.html](http://awea.org/newsroom/releases/01-26-10_AWEA_Q4_and_Year-End_Report_Release.html)

## **Petroleum**

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### **Update: Companies Slow Three Refineries after Weekend Shutdown of Sabine-Neches Waterway**

Three Texas refineries—ExxonMobil's 348,500 b/d Beaumont facility, Motiva's 285,000 b/d Port Arthur facility and Total's 174,000 b/d Port Arthur facility reduced rates after a weekend vessel accident forced shut the associated Sabine-Niches waterway, a Coast Guard Captain said on January 25. Motiva curtailed its 285,000 b/d Port Arthur, Texas facility by 100,000 b/d, a source familiar with the facility's operations said. A Shell representative did not confirm the 100,000 b/d figure, but did say the refinery was reduced. Motiva is a joint venture of Shell and Saudi Aramco. The waterway remained offline on January 26, three days after an 807-foot tanker collided with a barge and spilled an estimated 462,000 gallons of oil, sources said. The U.S. Coast Guard, however, expected to reopen it to "limited" traffic, beginning on January 28, and companies appeared unlikely to request any releases from the U.S. Strategic Petroleum Reserve. ExxonMobil did not expect the event to have "an immediate significant impact on our operations," Total said it was "managing our operations in light of restrictions in marine traffic to and from the Gulf of Mexico and destinations to the west." Valero said it had not reduced its Port Arthur facilities.

<http://www.nasdaq.com/asp/stock-market-news-story.aspx?storyid=201001261503dowjonesdjonline000436&title=motivaport-arthur-refinery-at-reduced-rates-due-to-waterway-closure>

<http://www.reuters.com/article/idUSN2520869820100126?type=marketsNews>  
<http://www.ens-newswire.com/ens/jan2010/2010-01-25-093.html>

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=20711](http://www.downstreamtoday.com/news/article.aspx?a_id=20711)

Bloomberg News, 20:36 January 25, 2010

Reuters, 13:04 January 26, 2010

### **BP Resumes Normal Operations after FCC Malfunction at 467,720 b/d Texas City, Texas Refinery January 24**

BP returned a gasoline-producing fluid catalytic cracking unit (FCC) to normal service after a brief malfunction on January 24, a source familiar with the facility's operations said on January 26.

Reuters, 11:17 January 26, 2010

### **Breakdown Triggers Flaring at ExxonMobil's 150,000 b/d Torrance, California Refinery January 25**

A hydrotreater breakdown led to flaring, but operators fixed the issue and the affected unit was online, as of January 26, a source familiar with the facility's operations said. The facility continued to meet customer requirements, according to the company.

<http://www.reuters.com/article/idUSN2511119220100126?type=marketsNews>

<http://www.reuters.com/article/idUSN2520618820100126?type=marketsNews>

DJN, 09:03 January 26, 2010

### **Shell Plans 67,500 b/d Boost at Existing 12,500 b/d Peace River Bitumen Production Complex in Alberta, Canada**

Shell plans to produce 80,000 b/d of bitumen at its Peace River project in Alberta, Canada, a news source said.

[http://www.oil.com/index/article-display/3718310351/articles/oil-gas-journal/drilling-production-2/production-operations/unconventional-resources/2010/01/three-companies\\_summit.html](http://www.oil.com/index/article-display/3718310351/articles/oil-gas-journal/drilling-production-2/production-operations/unconventional-resources/2010/01/three-companies_summit.html)

[http://www.shell.com/home/content/can-en/aboutshell/our\\_business/e\\_and\\_p/e\\_and\\_p\\_canada/peace/](http://www.shell.com/home/content/can-en/aboutshell/our_business/e_and_p/e_and_p_canada/peace/)

## Natural Gas

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### **Millennium Pipeline Company Launches Binding Open Season for Expansion Project along Natural Gas Pipeline in New York January 25**

The company plans to expand natural gas deliveries between Independence, New York and Ramapo, New York, according to a statement. The project will provide incremental firm transportation capacity along Millennium's entire mainline and, depending on the response, may offer firm back haul capacity from the Ramapo interconnection with Algonquin Gas Transmission along the mainline to the interconnection with Empire Pipeline at Corning, New York. The company expects to open the project on November 1, 2013. The open season began yesterday, January 25, and ends on February 12.

[http://www.millenniumpipeline.com/doc\\_load.aspx?id=387](http://www.millenniumpipeline.com/doc_load.aspx?id=387)

[http://www.millenniumpipeline.com/news\\_01\\_22\\_10.htm](http://www.millenniumpipeline.com/news_01_22_10.htm)

## Other News

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### **Update: Osage Bio Energy Eyes Summer 2010 Start-Date for Planned 65 MMGal/Yr. Barley-Based Ethanol Plant in Virginia**

The "Appomattox Bio Energy" facility in Hopewell, Virginia is about 80 percent complete, and Osage Bio Energy expects to complete the plant by July 2010, at the latest, a news source said.

<http://www.nbc12.com/Global/story.asp?S=11860771>

### **Update: FarmTech Withdraws Environmental Applications for Planned 55 MMGal/Yr. Ethanol Plant in Ontario, Canada**

The company plans to decide in the coming weeks whether it will pursue the facility. "It is difficult for any business to start up, let alone operate, in a climate involving unnecessary and extraordinary government delays," a spokesman said.

<http://www.newsdurhamregion.com/news/article/146352>

<http://farmtechenergy.com/about.php>

## Energy Prices

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U.S. Oil and Gas Prices January 26, 2010			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	74.66	77.90	46.50
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	5.76	5.66	4.75

Source: Reuters

## Energy Notes

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### **Storms Knock Out Power to nearly 20,000 Progress Energy Customers in North Carolina by January 25**

<http://www.enctoday.com/news/neuse-61615-kfpress-river-soggy.html>

**Rain, Winds Cut Electricity to more than 18,600 Central Maine Power Customers and at least 5,000 Bangor Hydro-Electric Co. Customers in Maine by January 25**

<http://www.bangordailynews.com/detail/135545.html>

**Duke Energy Operates Hydroelectric Turbines at Full Capacity along Catawba River, North Carolina, Citing Heavy Rainfall by January 26**

<http://www.charlotteobserver.com/local/story/1204170.html>

**Electric, Gas and Water Companies Install More than 5 Million Sensus Smart Grid Endpoints**

<http://www.sensus.com/Module/PressRelease/PressReleaseFileFile?id=113>

**Update: Odessa Development Corporation Okays \$5 Million and 600 Acres toward Summit Energy's Planned 400 MW IGCC Texas Clean Energy Project in Texas**

<http://texascleanenergyproject.com/about-tcep>

<http://www.newswest9.com/Global/story.asp?S=11879600>

**GM to Design and Manufacture Electric Motors—Company Expects to Debut Products in 2013**

<http://www.prnewswire.com/news-releases/gm-to-be-first-major-us-automaker-to-manufacture-electric-motors-82658342.html>

**Barring Technological Breakthrough, Battery Costs Unlikely to Fall Enough to Trigger Large-Scale Use of Fully Electric Vehicles over Next Ten Years—Boston Consulting Group**

<http://www.prnewswire.com/news-releases/ahead-of-washington-auto-show-new-study-finds-that-high-cost-of-batteries-will-limit-widespread-adoption-of-electric-cars-over-the-next-decade-82600262.html>

**Update: Venezuela to Increase Diesel Consumption, Reduce Oil Product Exports amid Energy Crisis—Academic Expert**

[http://english.eluniversal.com/2010/01/25/en\\_eco\\_esp\\_energy-crisis-threat\\_25A3336133.shtml](http://english.eluniversal.com/2010/01/25/en_eco_esp_energy-crisis-threat_25A3336133.shtml)

**India Exports about 5.19 Million Barrels of Oil Products to United States in 2009, from 2 Million Barrels in 2008—Tanker Data**

<http://www.businessweek.com/news/2010-01-25/india-fuel-exports-to-u-s-doubled-in-2009-clarkson-data-show.html>

**Russia's Gazprom Neft Begins Oil Deliveries along East Siberia-Pacific Ocean Pipeline by January 26—Company to Load Japan-Bound Cargo by End of January**

[http://online.wsj.com/article/BT-CO-20100126-703192.html?mod=WSJ\\_latestheadlines](http://online.wsj.com/article/BT-CO-20100126-703192.html?mod=WSJ_latestheadlines)

**Aux Sable Canada Plans 20-inch, 12-mile Natural Gas Pipeline from Newly-Purchased 25 MMcf/d Septimus Gas Plant to Alliance Pipeline in British Columbia, Canada—Company Expects to Complete Line in Second Quarter of 2010**

<http://www.auxsable.com/news/releases/2010-01-25-bc.pdf>

**BLM Releases Draft Environmental Study for Cimarex Energy Co.'s Planned Gas Processing and Carbon Sequestration Facility in Wyoming January 25**

[http://billingsgazette.com/news/state-and-regional/wyoming/article\\_ae751772-0a3f-11df-bd27-001cc4c002e0.html](http://billingsgazette.com/news/state-and-regional/wyoming/article_ae751772-0a3f-11df-bd27-001cc4c002e0.html)

**Neighbors Suspect Natural Gas Leaks to Blame for Home Explosion in Ohio January 25—Blast Damaged 50 Homes**

UPI, 13:22 January 26, 2010

## **Ricardo Inc. Says Its Ethanol-Burning Engine Has Better Fuel Economy than Regular Gasoline-Powered Engine**

[http://www.usatoday.com/money/autos/2010-01-26-ethanol26\\_ST\\_N.htm](http://www.usatoday.com/money/autos/2010-01-26-ethanol26_ST_N.htm)

## **U.S. Ethanol production to Rise from 11.1 Billion Gallons in 2009 to 12.95 Billion Gallons in 2010—EIA**

<http://blogs.desmoinesregister.com/dmr/index.php/2010/01/22/feds-project-ethanol-growth-this-year/>

## **Biofuels Account for One-Quarter of U.S. Grain Crops—Earth Policy Institute**

<http://www.guardian.co.uk/environment/2010/jan/22/quarter-us-grain-biofuels-food>

## **Compressor Shutdown at Wason CO2 Removal Plant in Texas January 25**

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=134950>

## **Links**

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### ***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](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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