



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

# ENERGY ASSURANCE DAILY

Monday Evening, March 10, 2008

## Major Developments

### Snow Storms, Rain and Winds Batter Eastern United States and Canada, Knocking Out Power to More than 800,000 Customers March 8-9—Power Restored to Most by March 10

Rain and wind in the South, and wintry conditions further north left more than 800,000 customers without power March 8-9. The storms stretched as far south as Florida, and as far north as Canada. Record snows in Ohio—which totaled about 20 inches—shut the Cleveland Hopkins International Airport on March 8. Only 44,158 remained without power, as of latest available reports.

Eastern U.S. and Canada Customer Power Outages			
March 8-10			
Electric Utility	State	Peak	Latest Reported
PSE&G	NJ	185,000	1,600
Atlantic City Electric	NJ	23,998	30
PECO	PA	125,000	15,000
PPL	PA	42,881	651
Dominion	VA	136,663	151
Rochester Gas & Electric	NY	3,300	3,300
ConEd	NY	8,241	33
Central Hudson Gas & Electric	NY	10,000	0
New York State Gas & Electric	NY	15,000	9,400
National Grid	NY	17,086	5,480
Hydro-Quebec	QC	71,000	
Jersey Central Power & Light	NJ	44,000	3,000
Baltimore Gas & Electric	MD	43,000	815
Pepco	MD	17,584	125
Duke-Energy	NC	11,904	180
Progress Energy	NC	22,054	204
Jacksonville Electric Authority	FL	21,557	39
Progress Energy	FL	11,751	138
Central Vermont Public Service Corp	VT	20,000	6,983
SCE&G	SC	15,270	56
Delmarva	DE	14,885	2
Pepco	DC	11,481	16
Duke-Energy	IN	10,008	23
Connecticut Light & Power	CT	8,500	232
<b>TOTAL*</b>		<b>890,163</b>	<b>44,158</b>

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

Sources:

<http://canadianpress.google.com/article/ALeqM5iDSGESPKykgqxFSbOIB7AurFia8w>

<http://lfpres.ca/newsstand/News/National/2008/03/10/4958946-sun.html>

<http://ap.google.com/article/ALeqM5jW-BndswWuhgPAPXOK4Q6TCQsANOD8V9PE800>

<http://www.inrich.com/cva/ric/news.apx.-content-articles-RTD-2008-03-08-0194.html>

<http://ap.google.com/article/ALeqM5jW-BndswWuhgPAPXOK4Q6TCQsANOD8VA02800>

<http://www.theglobeandmail.com/servlet/story/LAC.20080310.STORMSUB10/TPStory/National>

[http://www.newstimes.com/ci\\_8503216?source=most\\_email](http://www.newstimes.com/ci_8503216?source=most_email)

[http://ukpress.google.com/article/ALeqM5h1A9TC6V6FA9R49B4\\_IKpmEELcng](http://ukpress.google.com/article/ALeqM5h1A9TC6V6FA9R49B4_IKpmEELcng)

[http://www.vpr.net/news\\_detail/79653/](http://www.vpr.net/news_detail/79653/)

<http://www.inrich.com/cva/ric/news.apx.-content-articles-RTD-2008-03-10-0194.html>  
[http://www.citynews.ca/news/news\\_20422.aspx](http://www.citynews.ca/news/news_20422.aspx)  
[http://www.philly.com/inquirer/weekend/20080310\\_Crews\\_restoring\\_power\\_lost\\_in\\_storm.html](http://www.philly.com/inquirer/weekend/20080310_Crews_restoring_power_lost_in_storm.html)  
[http://www.philly.com/philly/news/20080310\\_Thousands\\_wake\\_up\\_still\\_without\\_power.html](http://www.philly.com/philly/news/20080310_Thousands_wake_up_still_without_power.html)  
<http://www.democratandchronicle.com/apps/pbcs.dll/article?AID=/20080309/NEWS01/803090365/1002/NEWS>  
[http://www.publicbroadcasting.net/wxxi/news.newsmain?action=article&ARTICLE\\_ID=1241108&sectionID=1](http://www.publicbroadcasting.net/wxxi/news.newsmain?action=article&ARTICLE_ID=1241108&sectionID=1)  
[http://www.midhudsonnews.com/News/March08/10/storm\\_PC-10Mar08.html](http://www.midhudsonnews.com/News/March08/10/storm_PC-10Mar08.html)  
<http://www.star-gazette.com/apps/pbcs.dll/article?AID=/20080310/UPDATE/303100008>  
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<http://www.newsday.com/news/local/wire/newjersey/ny-bc-nj--severeweather0308mar08,0,5599500.story>  
<http://www.thnt.com/apps/pbcs.dll/article?AID=/20080310/NEWS01/803100385/1001>  
<http://www.app.com/apps/pbcs.dll/article?AID=/20080310/NEWS03/803100340/1007/News03>  
<http://www.courant.com/news/local/hc-weather0310.artmar10,0,6237521.story>  
[http://www.dailyfreeman.com/site/news.cfm?newsid=19375558&BRD=1769&PAG=461&dept\\_id=74969&rfi=6](http://www.dailyfreeman.com/site/news.cfm?newsid=19375558&BRD=1769&PAG=461&dept_id=74969&rfi=6)  
<http://www.nj.com/news/gloucester/local/index.ssf?/base/news-9/120512401659100.xml&coll=8>  
<http://www.nj.com/news/sunbeam/index.ssf?/base/news-3/120512401159660.xml&coll=9>  
<http://canadianpress.google.com/article/ALEqM5iDSGESpkykgqxFsbOIB7AurFia8w>  
<http://lfpress.ca/newsstand/News/National/2008/03/10/4958946-sun.html>  
<http://www.wtopnews.com/?nid=25&sid=1360636>  
<https://www1.nationalgridus.com/niagaramohawk/storm/OutagesByCounty.aspx>  
<http://www.coned.com/sm/outageinfo.asp>  
[http://www.dom.com/news/outage\\_sos.jsp](http://www.dom.com/news/outage_sos.jsp)  
<http://www.bge.com/portal/site/bge/menuitem.42d31413f80c584606370f10d66166a0>

## **Electricity**

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### **Exelon's 850 MW Dresden Nuke Unit 3 in Illinois Reduced to 78 Percent March 8**

According to the Nuclear Regulatory Commission, the unit was operating at 98 percent on March 7.

Information derived from NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **Unit Shuts at FirstEnergy's 2,460 MW Coal-fired Bruce Mansfield Power Plant—Traders**

At least one unit idled over the weekend, according to traders. It is unclear why the unit shut, or when it might return to service.

Reuters, 10:24 March 10, 2008

### **PPL's 1,456 MW Brunner Island Coal-fired Power Plant at 50 Percent Power**

Traders guessed the 749 MW Unit 3 stalled over the weekend. The company, however, did not comment on the incident.

Reuters, 11:12 March 10, 2008

### **AEP's 675 MW Pirkey Coal-fired Unit in Texas Shut March 7**

Reuters, 19:27 March 7, 2008

### **Dominion Shuts 584 MW Coal-fired Unit at Kincaid Power Plant—Traders**

The unit shut over the weekend, according to traders. It is unclear why the unit shut, or when it might return to service.

Reuters, 10:28 March 10, 2008

### **AEP's 528 MW Welsh 3 Coal-fired Unit in Texas Shut March 8**

Reuters, 9:54 March 10, 2008

### **Update: Duke's 846 MW Oconee Nuke Unit 1 in South Carolina Reduced to 73 Percent March 8**

According to the Nuclear Regulatory Commission, the unit was operating at 100 percent on March 7.

Information derived from NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **FirstEnergy's 1,235 MW Perry Nuke Unit 1 in Ohio at Full Power March 10**

According to the Nuclear Regulatory Commission, the unit was operating at 91 percent on March 9. Information derived from NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **PSEG's 1,096 MW Salem Nuke Unit 1 in Delaware at Full Power by March 10**

According to the Nuclear Regulatory Commission, the unit was operating at 90 percent on March 9. Information derived from NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **Entergy's 966 MW River Bend Nuke Unit 1 in Louisiana Ramps Up to 45 Percent by March 10**

A turbine-control system fault shut the unit on March 5. According to the Nuclear Regulatory Commission, the unit was operating at 21 percent on March 9.

Reuters, 9:57 March 6, 2008

Bloomberg, 11:35 March 6, 2008

Information also derived from NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **Southern's 883 MW Hatch 2 Nuke Unit in Georgia Ramping Up by March 10**

The unit shut on March 7 due to the loss of condensate feedwater, a news source said. It ramped up to 3 percent power by March 10, according to a Nuclear Regulatory Commission report.

Reuters, 09:54 March 10, 2008

Reuters, 06:24 March 10, 2008

Information also derived from NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **Update: Progress Energy's 811 MW Brunswick Nuke Unit 2 in North Carolina Ramps Up to 89 Percent March 8**

According to the Nuclear Regulatory Commission, the unit was operating at 62 percent on March 7. The company reduced the unit on March 5 to repair a leak on a feedwater drain line.

Reuters, 06:11 March 10, 2008

Information derived from NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

### **Sempra's 620 MW Termoelectrica De Mexicali Gas-fired Unit 1 in Mexico Shut March 9**

According to the California Independent System Operator, the unit experienced an unplanned outage on March 9.

<http://www.caiso.com/unitstatus/data/unitstatus200803091515.html>

### **OPG's 494 MW Lambton 1 Coal-fired Unit in Ontario Shut March 10**

The company shut the unit for work, a spokesman said. Traders suspected it would return to service within a month.

Reuters, 09:54 March 10, 2008

Reuters, 07:45 March 10, 2008

### **Update: AEP to Restart 690 MW Oklaunion Coal-fired Unit in Texas March 10-14**

AEP will restart the unit March 10-14, after repairs to the boiler.

Reuters, 07:02 March 10, 2008

### **Duke's 754 MW Moss Landing Unit 6 Gas-fired Unit in California Ramps up March 7**

According to the California Independent System Operator, the unit experienced an unplanned curtailment of 374 MW.

<http://www.caiso.com/unitstatus/data/unitstatus200803071515.html>

### **AES's 226 MW Huntington Beach Generating Station Gas-fired Unit 1 in California Returns to Service March 9**

According to the California Independent System Operator, the unit experienced an unplanned curtailment of 161 MW.

<http://www.caiso.com/unitstatus/data/unitstatus200803091515.html>

## **AES's 226 MW Huntington Beach Generating Station Gas-fired Unit 2 in California Returns to Service March 9**

According to the California Independent System Operator, the unit experienced an unplanned curtailment of 161 MW.

<http://www.caiso.com/unitstatus/data/unitstatus200803091515.html>

## **Central Maine Power Plans 200-mile, 345 kV Transmission Line in New Hampshire**

The line would stretch from Orrington to Newington, New Hampshire, alongside another, existing 345-kV line. It would require federal, state and local approvals.

<http://www.timesargus.com/apps/pbcs.dll/article?AID=/20080309/NEWS02/803090396/1003/NEWS02>

## **Update: Bullard Energy Cancels Plans for 200 MW Gas-fired Power Plant in California**

Bullard Energy Center LLC notified the California Energy Commission last week that it was withdrawing its proposal to build a power plant in Fresno, California because it was unable to obtain a zoning change from the city in a “timely manner.” Bullard Energy may continue to pursue a future project at the site.

[http://www.redorbit.com/news/business/1286938/plans\\_for\\_power\\_plant\\_in\\_fresno Lose steam/](http://www.redorbit.com/news/business/1286938/plans_for_power_plant_in_fresno Lose steam/)

## **After Explosion and Fire, Xcel Closes 600 MW Allen S. King Coal-fired Power Plant in Minnesota March 10**

The early-morning explosion did not occur at the main plant, but at an adjacent, coal-crushing facility. No one was harmed, but the company shut the entire plant to investigate the incident. It is not known how long the plant will remain shut, a spokeswoman said.

Bloomberg, 09:37 March 10, 2008

[http://www.twincities.com/allheadlines/ci\\_8519789](http://www.twincities.com/allheadlines/ci_8519789)

<http://www.reuters.com/article/rbssIndustryMaterialsUtilitiesNews/idUSN1045279520080310>

<http://www.startribune.com/local/16443436.html>

## ***Petroleum***

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### **Valero Restarts HDS Unit at 340,000 b/d Corpus Christi, Texas Refinery**

The company expected no production impact as it restarted a hydrogen desulfurization unit (HDS) over the weekend. The restart resulted in flaring.

Reuters, 17:35 March 9, 2008

### **Rates Still Reduced After Malfunction at ConocoPhillips 247,000 b/d Belle Chasse, Louisiana Refinery—Company Unsure When it Will Resume Normal Output**

A low sulfur gas unit malfunction slowed the refinery on February 28. The company continues to assess the situation, a spokesman said.

Reuters, 08:26 March 10, 2008

### **OSHA Uncovers 146 Worker Safety Violations at 17 Refineries**

The U.S. Occupational Health Safety Administration (OSHA) found 147 violations at 17 refineries in 12 states. OSHA launched the nationwide audit last year, targeting 81 U.S. refineries. Information provided to the Houston Chronicle by OSHA indicates that 11 proposed violations were identified at Total's Port Arthur, Texas refinery; 45 at Marathon's Canton, Ohio refinery; and 19 at Frontier's El Dorado, Kansas refinery, among others. In eight months, OSHA has proposed penalties totaling \$896,300.

<http://www.chron.com/dispatch/story.mpl/front/5605687.html>

## Natural Gas

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### **Officials Say Pennsylvania Needs to Upgrade Dated Natural Gas Pipeline System: Problems Include Lack of Oversight, Funds, & Keeping Old, Corroded Pipelines in Service**

Steel natural gas pipelines are corroding and leaking in Western Pennsylvania, and experts say the dated system should be swapped for plastic pipelines. Current laws mandate that companies keep lines working safely, but fail to specify how, or how often, lines should be updated. Proposed legislation would boost customers' fees and provide funding for such upgrades. Some projects—including Columbia Gas of Pennsylvania's 20-year plan to modernize 2,400 miles of pipeline—are already in place. Last year, 14 natural gas or liquefied natural gas discharges caused deaths, injuries or other issues, according to reports from the state's Public Utilities Commission.

[http://www.pittsburghlive.com/x/pittsburghtrib/news/s\\_556017.html](http://www.pittsburghlive.com/x/pittsburghtrib/news/s_556017.html)

## Other News

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### **White Energy Opens 100 Million Gallon/Year Ethanol Plant in Hereford, Texas Several Plants in Texas to Open This Year, Boost State's Ethanol Production**

White Energy plans to open another 100 million gallon/year ethanol plant in Plainview, Texas in April, 2008, and Panda Ethanol expects to commence service at its own 100 million gallon/year Hereford, Texas plant some time in 2008. Later this month, Levelland/Hockley County Ethanol will begin production at a 40 million gallon/year facility in Levelland, Texas.

[http://www.agweb.com/get\\_article.aspx?pageid=141691](http://www.agweb.com/get_article.aspx?pageid=141691)

<http://www.chron.com/dispatch/story.mpl/headline/biz/5603030.html>

## Energy Prices

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U.S. Oil and Gas Prices			
March 10, 2008			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	107.62	103.43	60.24
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	9.82	9.10	7.05

Source: Reuters

## Energy Notes

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### **Con Edison Breaks Seasonal Electricity Transmission Record—Moves 14,732,319 MWh of Power from December, 2007 through February, 2008**

<http://powermarketers.net/contentinc.net/newsreader.asp?ppa=8knpp%5E%5CjgmogjqXSki%216%3C%22bfen%5Fv>

### **Update: Citing Costs, DOE Officially Withdraws Support for FutureGen's Proposed 275 MW Coal-Gasification Power Plant in Illinois—to Fund Multiple Smaller Projects**

[http://online.wsj.com/article/SB120175397548831345.html?mod=yahoo\\_hs&ru=yahoo](http://online.wsj.com/article/SB120175397548831345.html?mod=yahoo_hs&ru=yahoo)

### **Compressor Failure Causes Flaring at Chevron's 260,000 b/d El Segundo, California Refinery March 8**

Reuters, 17:28 March 9, 2008

**ExxonMobil Performs 48-hour Work on Gasoline Unit Boiler at 563,000 b/d Baytown, Texas Refinery Over Weekend—Expects no Impact to Production**

Reuters, 16:37 March 9, 2008

**Update: Mexico Reopens Dos Bocas, Cayo Arcas and Pajaritos Oil Exporting Ports—Harsh Weather Shut Ports on March 7**

Bloomberg, 14:04 March 9, 2008

Reuters, 12:25 March 9, 2008

**Ivory Coast Expects to Boost Oil Production from 48,370 b/d in 2007 to 80,000 b/d in 2008—Hopes to Expand to 300,000 b/d by 2015**

Reuters, 09:50 March 10, 2008

**Petroecuador Exports Dip by 12.3 Percent, from 285,276 b/d in January to 250,057 b/d in February**

Reuters, 10:16 March 10, 2008

**ExxonMobil: Global LNG Demand to Surge 400 Percent by 2030, from 100 Million Tons/Year in 2000 to 500 Million Tons/Year in 2030**

Reuters, 02:55 March 10, 2008

**Oil Surges to New Record, Past \$107 on Weak Dollar**

Reuters, 11:15 March 10, 2008

**Canada Gives Environmental Okay for Proposed Keltic Liquefied Natural Gas Facilities and Marginal Wharf Project in Nova Scotia**

[http://www.canadianbusiness.com/markets/cnw/article.jsp?content=20080307\\_100503\\_7\\_cnw\\_cnw](http://www.canadianbusiness.com/markets/cnw/article.jsp?content=20080307_100503_7_cnw_cnw)

**Update: Texas Gas Transmission Receives FERC Environmental Approval for Two Proposed Natural Gas Pipelines: the 800 MMcf/d-to-1.1 Bcf/d, 165-mile Fayetteville Lateral in Arkansas, and 750 MMcf/d, 95-mile Greenville Lateral in Mississippi**

<http://intelligencepress.com/>

<http://www.txgt.com/fayettegreenexpansion.htm>

Reuters, 16:07 March 7, 2008

**Update: FERC Awards Environmental Approval in Steckman Ridge's Bid for 12 Bcf Natural Gas Storage Facility in Pennsylvania**

<http://intelligencepress.com/>

**Units Shut, Flaring at Copano Processing's Houston Central Gas Plant in Texas March 7**

<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=104703>

## **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.

## **ENERGY ASSURANCE DAILY**

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

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