



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

# ENERGY ASSURANCE DAILY

Thursday Evening, December 03, 2009

## Electricity

### Winds, Rain Cut Power to nearly 95,000 Customers along U.S. East Coast December 2-3

Winds and rain knocked out power to an estimated 93,954 customers across a nine-state territory on December 2-3, multiple sources reported. About 27,700 customers remained without power, as of latest reports. The following table lists peak and current customer outages, based on latest available data.

U.S. East Coast Customer Power Outages			
December 2-3, 2009			
Electric Utility	State	Peak	Latest Reported
Connecticut Light & Power	CT	23,666	3,533
Delmarva Power	MD/DE	10,413	2,861
Jersey Central Power and Light	NJ	12,000	1,200
Atlantic City Electric	NJ	9,300	606
PSE&G	NJ	6,500	5,500
National Grid	RI	9,500	139
Central Maine Power	ME	6,500	2,900
Bangor Hydro Electric Company	ME	1,075	1,075
PPL Electric Utilities	PA	5,000	2,656
NStar	MA	5,000	5,000
LIPA	NY	5,000	2,239
<b>TOTAL *</b>		<b>93,954</b>	<b>27,709</b>

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

Sources:

Connecticut Light & Power: <http://www.cl-p.com/outage/default.aspx>

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

Jersey Central Power and Light: [http://www.firstenergycorp.com/outages/outages.do?state\\_code=NJ](http://www.firstenergycorp.com/outages/outages.do?state_code=NJ)  
<http://www.trentonian.com/articles/2009/12/03/news/doc4b17f9c2aef65573699508.txt>

Atlantic City Electric: <http://www.atlanticcityelectric.com/home/emergency/maps/stormcenter/>

PSE&G: <http://www.pseg.com/outagecenter/index.jsp>

National Grid: <http://newsblog.projo.com/2009/12/rainy-and-windy-but-warm.html>  
<http://www1.nationalgridus.com/narragansett/stormcenter/>

Central Maine Power: <http://www.mpbn.net/Home/tabid/36/ctl/ViewItem/mid/3483/ItemId/10030/Default.aspx>

Bangor Hydro Electric Company: [http://www.bhe.com/about/outages/outage\\_notification.cfm](http://www.bhe.com/about/outages/outage_notification.cfm)

PPL: <http://www.pplelectric.com/Outage+Center>

NStar:

[http://www.bostonherald.com/news/regional/view/20091203storm\\_brings\\_wind\\_heavy\\_rain\\_to\\_bay\\_state/srvc=home&position=recent](http://www.bostonherald.com/news/regional/view/20091203storm_brings_wind_heavy_rain_to_bay_state/srvc=home&position=recent)

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

<http://www.1010wins.com/Rain-Moves-Out-of-Tri-State-Area-But-Wind-Stays/5809970>

<http://www.rep-am.com/news/local/doc4b179e20e8b29146022466.txt>

<http://www.delmarvanow.com/article/20091203/NEWS01/91203006/1002/OUTAGES--Storm-knocks-out-power-in-Delaware--Salisbury--Worcester>

<http://www.wnep.com/wnep-storm-damage-power-outages.0.6779106.story>

### Luminant's 593 MW Monticello Coal-fired Unit 2 in Texas Shuts December 2

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

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=132760>

### **Update: Dominion's 815 MW Surry Nuke Unit 2 in Virginia Ramped Up to 96 Percent by December 3**

Operators manually tripped the unit on November 29 due to a “rod group demand counter discrepancy,” the company said in a filing with the Nuclear Regulatory Commission (NRC). The unit was returning from a planned outage, at the time of the incident. The Nuclear Regulatory Commission reported that on the morning of December 2 the unit was operating at 70 percent.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2009/20091130en.html>

<http://www.reuters.com/article/marketsNews/idUSN3023991720091130>

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

### **Update: Duke Energy's 510 MW Moss Landing Gas-fired Unit 1 in California Ramps up by December 2**

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment of 260 MW.

<http://www.caiso.com/unitstatus/data/unitstatus200912021515.html>

### **PG&E Plans 246 MW Manzanita Wind Power Project in California**

Pending state approval, the company hopes to open facility by December 2011.

PRN, 12:30 December 3, 2009

### **Entergy Plans 178 MW Expansion at 1,265 MW Grand Gulf Nuclear Power Plant in Mississippi**

Entergy Mississippi received approval from the Mississippi Public Service Commission to expand its existing 1,265 MW Grand Gulf nuclear power plant by 13 percent, or 178 MW, it said in a release. Pending federal permission, the company expects to complete the project in 2012.

[http://www.entropy.com/News\\_Room/newsrelease.aspx?NR\\_ID=1633](http://www.entropy.com/News_Room/newsrelease.aspx?NR_ID=1633)

<http://www.klfy.com/Global/story.asp?S=11606332>

## ***Petroleum***

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### **LPG Release Triggers Evacuation at Sinclair's 66,000 b/d Sinclair, Wyoming Refinery November 30**

Sinclair evacuated employees after a 2,300-gallon isobutene release at its 66,000 b/d Sinclair, Wyoming refinery on November 30, a spokesman with the state's Department of Environmental Quality said. It was not clear if the incident had any impact to production.

Bloomberg News, 19:32 December 2, 2009

### **Update: Saudi Arabia to Complete 900,000 b/d Manifa Offshore Oil Project by 2015**

Saudi Arabian Oil (Saudi Aramco) plans to complete its proposed 900,000 b/d oil, 900 MMcf/d natural gas, and 65,000 b/d condensate Manifa offshore oil project by 2015, the company said in on December 3.

[http://www.rigzone.com/news/article.asp?a\\_id=83272](http://www.rigzone.com/news/article.asp?a_id=83272)

### **ExxonMobil Eyes 2013 Start-Date for 152,000 b/d Expansion at Existing 13,000 b/d Banyuwir Oilfield in Indonesia**

ExxonMobil expects to increase production to 165,000 b/d in 2013 at its existing 13,000 b/d Banyuwir oilfield in Indonesia, a company spokesman said on December 2.

[http://www.rigzone.com/news/article.asp?a\\_id=83242](http://www.rigzone.com/news/article.asp?a_id=83242)

## Natural Gas

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### Enterprise Products Partners Operating Some Segments of its 16-inch, 62-mile White Kitchen Lateral Natural Gas Pipeline in Texas

Enterprise Products Partners has partly-opened its planned 16-inch, 62-mile White Kitchen Lateral natural gas pipeline in South Texas, and expects to complete the project in the second quarter of 2010, according to a company release. The line will connect two existing, 20-inch, company-owned pipelines. The line will have a capacity of over 200 MMcf/d when it is completed. Separately, the company plans to open a 34-mile, 24-inch natural gas pipeline in Texas during the second quarter of 2010. That line will link Enterprise's South Texas pipeline system to the White Kitchen Lateral.

<http://phx.corporate-ir.net/phoenix.zhtml?c=80547&p=irol-newsArticle&ID=1361700&highlight=>

## Other News

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### Explosion Forces Shut Imperium Renewable's 100 MMGal/Yr. Grays Harbor, Washington Biodiesel Plant December 2

Imperium Renewables Inc. shut its 100 MMGal/Yr. Grays Harbor, Washington biodiesel plant after a 10,000-gallon glycerin processing tank ruptured on December 2, the company said on its website. The incident occurred due to "over-pressurization," Imperium said. There were no injuries, but the company expected to keep the facility offline, pending a full damage assessment.

[http://www.imperiumrenewables.com/App\\_Content/Imperium%20Statement%20Regarding%20Incident%20at%20Facility%20on%20December%202%202009.pdf](http://www.imperiumrenewables.com/App_Content/Imperium%20Statement%20Regarding%20Incident%20at%20Facility%20on%20December%202%202009.pdf)

Bloomberg News, 01:07 December 3, 2009

### Canadian Solar Inc. Plans Solar Panel Manufacturing Facility in Ontario, Canada

The company expects to determine a plant location in early 2010, and open the project's first phase at some point in 2010, according to a release. The plant is expected to produce 200 MW of solar panels per year.

<http://phx.corporate-ir.net/phoenix.zhtml?c=196781&p=irol-newsArticle&ID=1361594&highlight=>

## Energy Prices

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U.S. Oil and Gas Prices December 3, 2009			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	76.52	76.03	47.36
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.67	3.63	6.68

Source: Reuters

## Energy Notes

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### CC Landfill Energy LLC Plans Late 2011 Start-Date for 11 MW Landfill-gas-fired "Apex Landfill Renewable Energy Generating Facility" in Nevada

<http://finance.yahoo.com/news/LongTerm-Power-Purchase-bw-23646788.html?x=0&.v=1>

### Thieves Steal Copper Wiring from Three Peace River Electric Cooperative Utility Poles in Florida by December 1

<http://www.istockanalyst.com/article/viewiStockNews/articleid/3675642>

**Transneft Expects No Customer Impact after Rupture, Spill along Russia-to-Europe Druzhba Oil Pipeline**

<http://en.rian.ru/russia/20091203/157079996.html>

**State Regulators Cites David R. Hill Inc. for 56 Regulatory Violations at 247 O&G Wells in Ohio since 2001—About 15 Relate to Oil Spills**

<http://www.newarkadvocate.com/article/20091202/COMMUNITIES02/912030314>

**Sunshine Oilsands Limited Seeks to Produce 400,000 b/d from Unconventional Canadian Oilsands Sources**

<http://www.edmontonjournal.com/business/Sunshine+Oil+sands+could+unlock+deposit/2293496/story.html>

**Update: Enbridge to Pursue 1 Bcf/d, Texas-to-Louisiana Lacrosse Natural Gas Pipeline, Despite Unsuccessful Open Season**

<http://www.reuters.com/article/companyNewsAndPR/idUSN023846320091202>

**Booster Shuts, Restarts on Communication Snag at West Waddell Compressor Station in Texas December 2-3**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=132753>

**Compressor Shutdown at Welch CO2 Gas Processing Facility in Texas December 2**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=132755>

## **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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