



# ENERGY ASSURANCE DAILY

Friday Evening, November 13, 2009

## Electricity

### Update: Ida Remains Knock Out Power to More Than 215,000 Customers along U.S. East Coast November 11-12

The remains of Tropical Storm Ida blasted the U.S. East Coast on November 11-12, knocking out power to an estimated 217,916 customers in Virginia, Delaware, Maryland and the Carolinas, multiple sources said. The storms cut electricity to a total 335,000 Dominion Virginia Power customers, but no more than 185,000 customers at one time, based on news and company sources. More than 115,000 remained without power, as of latest reports. Dominion expected to restore service to most affected customers by the evening of November 15. Officials declared states of emergencies for all of Virginia, southern New Jersey, and parts of Delaware. The following table lists peak and current outage figures, based on latest available data.

U.S. East Coast Customer Power Outages			
November 11-13, 2009			
Electric Utility	State	Peak	Latest Reported
Dominion Virginia Power	VA	185,000	112,973
Duke Energy	NC/SC	22,916	4,530
Delmarva Power	DE/MD	10,000	129
<b>TOTAL*</b>		<b>217,916</b>	<b>117,632</b>

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

Sources:

Dominion Virginia Power: <http://www.dom.com/storm-center/dominion-electric-outage-summary.jsp>  
<http://dom.mediaroom.com/index.php?s=43&item=814>

Duke Energy: <http://www.duke-energy.com/outages/stats/>

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

<http://wbal.com/apps/news/templates/story.aspx?articleid=39631&zoneid=2>

<http://www.bloomberg.com/apps/news?pid=20601103&sid=aV6kE3pi1SuQ>

[http://www2.timesdispatch.com/rtd/news/state\\_regional/article/WEAT13\\_20091112-222608/305447/](http://www2.timesdispatch.com/rtd/news/state_regional/article/WEAT13_20091112-222608/305447/)

<http://www.disasternews.net/news/article.php?articleid=3988>

### Southern's 870 MW Hatch Nuke Unit 2 in Georgia Reduced to 73 Percent by November 13

The Nuclear Regulatory Commission reported that on the morning of November 12 the unit was operating at 89 percent.

Information derived from the NRC Power Reactor Status Reports:

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

### Update: Energy Northwest's 1,107 MW Columbia Generating Station Nuke Unit in Washington Ramped Up to 20 Percent by November 13

Operators shut the unit "due to a main turbine digital electro-hydraulic control system leak" on November 7, according to a previous filing with the Nuclear Regulatory Commission (NRC). The NRC reported that on the morning of November 12 the unit was not operating.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2009/20091109en.html>

Information also derived from the NRC Power Reactor Status Reports:

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

## **Update: DTE's 1,089 MW Fermi Nuke Unit 2 in Michigan Ramped Up to 95 Percent by November 13**

The unit shut “due to hydrogen leakage in the generator” on September 30, a news source said. The Nuclear Regulatory Commission reported that on the morning of November 12 the unit was operating at 25 percent.  
<http://www.forbes.com/feeds/afx/2009/11/13/afx7119597.html>

Information also derived from the NRC Power Reactor Status Reports:  
<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

## **Update: Xcel to Restart 347 MW Harrington Coal-fired Unit 3 in Texas November 11-13**

Xcel shut the unit “for baghouse maintenance, boiler maintenance, and other general maintenance activities,” it said in an October 16 filing with state regulators.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=130628>  
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=131553>

## **NRG Extinguishes Fire at 1,706 MW Limestone Coal-fired Power Plant in Texas November 12**

NRG Energy extinguished a fire in an “outlining storage building” at its 1,706 MW Limestone coal-fired power plant in Texas on November 12, the company said in a filing with state regulators. The incident lasted two hours, according to the filing. It was not clear if it had any impact on facility production.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=131918>

## ***Petroleum***

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### **Car Accident Forces Shut Natural Gas Pipeline to BP's 410,000 b/d Whiting, Indiana Refinery November 11**

Northern Indiana Public Service Company (NIPSCO) shut a 20-inch natural gas pipeline feeding BP's 410,000 b/d Whiting, Indiana refinery, after a car crashed into an associated regulator station on November 11, a news source said. Operators tapped a separate, unspecified pipeline to supply the refinery. It was not clear if the incident had any impact to production.

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=19278](http://www.downstreamtoday.com/news/article.aspx?a_id=19278)

### **ConocoPhillips Plans Units Shutdowns at 146,000 b/d Borger, Texas Refinery November 12-15**

ConocoPhillips planned to shut a sulfur recovery unit (SRU) and a tail gas treatment unit for repairs at its 146,000 b/d Borger, Texas refinery from November 12-15, the company said in a filing with state regulators.

<http://www.reuters.com/article/rbssEnergyNews/idUSN1243388120091112>  
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=131919>

### **Update: Suncor Eyes 2011 Start-Date for 68,000 b/d Firebag Stage 3 Oilsands Project in Alberta, Canada**

Suncor plans to start-up its 68,000 b/d Firebag Stage 3 oilsands project in Alberta, Canada during the second quarter of 2011, and its 68,000 b/d Firebag Stage 4 project in the fourth quarter of 2012, it said on November 13. It is not clear when the projects might reach full production. The company delayed Firebag Stage 3 at the start of 2009.

<http://www.bloomberg.com/apps/news?pid=20601082&sid=aM6oYDZMRzTA>

## ***Natural Gas***

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### **EnCana Cuts 500 MMcf/d of North American Natural Gas Production, Citing Low Prices, in Third Quarter 2009**

EnCana curtailed or shut in approximately 500 MMcf/d of North American natural gas production during the third quarter of 2009, due to a “low price environment and natural declines in conventional properties,” it said in a release. The company expected to restart the downed production during the winter of 2009/2010, according to the release.

<http://www.encana.com/media/newsreleases/2009/pdfs/1112-q3results.pdf>

## **Kinder Morgan, Copano Energy Plan 350 MMcf/d, 24-inch, 22-mile Natural Gas Pipeline in Texas**

The line would serve natural gas producers in the Eagle Ford Shale of South Texas, according to a press release. The companies expect to open the project in mid-year 2010.

<http://ir.copanoenergy.com/phoenix.zhtml?c=182247&p=irol-newsArticle&ID=1355336&highlight=>

## **Other News**

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### **Calgren Renewable Fuels Opens 55 MMGal/Yr. Corn-based Ethanol Plant in California by November 11**

The facility is the fifth large-scale ethanol production plant in California; the remaining four, however, are not in operation, according to a news source.

<http://www.nacsonline.com/NACS/News/Daily/Pages/ND1111093.aspx>

### **Arch Coal Acquires Lease to Mine Approximately 731 Million Tons of Montana Coal**

Arch Coal, Inc. acquired a lease to tap an estimated-731 million tons coal deposit in southeastern Montana, the company said in a release. The site would "support the future development of a large-scale, dragline-operated surface coal mine."

<http://investor.archcoal.com/releasedetail.cfm?ReleaseID=424012>

## **Energy Prices**

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<b>U.S. Oil and Gas Prices</b>			
November 13, 2009			
	<b>Today</b>	<b>Week Ago</b>	<b>Year Ago</b>
<b>CRUDE OIL</b>			
<b>West Texas Intermediate U.S.</b>	76.80	76.86	55.79
\$/Barrel			
<b>NATURAL GAS</b>			
<b>Henry Hub</b>	3.24	4.30	6.65
\$/Million Btu			

Source: Reuters

## **Energy Notes**

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### **Update: California Energy Commission Staff Recommends Approval of NRG Energy's Plans to Replace Three Coal-fired Power Units with 558 MW Gas-fired Unit at Encina Power Station in California November 12**

<http://www.reuters.com/article/companyNewsAndPR/idUSN1346992520091113>

[http://phx.corporate-](http://phx.corporate-ir.net/External.File?item=UGFyZW50SUQ9MjA2MDI8Q2hpbGRJRD0tMXxUeXBIPtM=&t=1)

[ir.net/External.File?item=UGFyZW50SUQ9MjA2MDI8Q2hpbGRJRD0tMXxUeXBIPtM=&t=1](http://phx.corporate-ir.net/External.File?item=UGFyZW50SUQ9MjA2MDI8Q2hpbGRJRD0tMXxUeXBIPtM=&t=1)

### **Xcel Energy Receives State PUC Approval for Planned 164 MW Expansion at 1,100 MW Prairie Island Nuclear Power Plant in Minnesota—PUC Also Okays Proposal to Store Additional Radioactive Waste on Location November 12**

[http://www.twincities.com/business/ci\\_13776382](http://www.twincities.com/business/ci_13776382)

### **New York PSC Okays Segment of Hess and ArcLight Capital Partners' Planned Underwater Electric Transmission Line—Project to Link Companies' Proposed 512 MW Gas-fired Power Plant in New Jersey with New York Substation**

<http://online.wsj.com/article/BT-CO-20091112-715252.html>

**FEMA Orders Re-attempt after “Deficiency” During Emergency Drill at Exelon’s 641 MW Oyster Creek Nuclear Power Plant in New Jersey—Agency Says State Police Did Not Follow Up With Certain Municipalities**

[http://www.pressofatlanticcity.com/news/breaking/article\\_5e6f6afe-cee2-11de-ac69-001cc4c002e0.html](http://www.pressofatlanticcity.com/news/breaking/article_5e6f6afe-cee2-11de-ac69-001cc4c002e0.html)

**Responders Control Fire at EOG Resources Canada Oil Storage Facility in Manitoba, Canada November 12**

<http://www.oilweek.com/news.asp?ID=24860>

**Global Oil Demand to Increase for First Time since Middle of 2008, IEA Forecasts—Demand to Average 85.5 Million b/d, or 0.1 Percent Increase, Year-on-Year**

<http://www.thenational.ae/apps/pbcs.dll/article?AID=/20091113/NATIONAL/711129836/1010>

**Bahrain Plans to 67,000 b/d Production Boost at Existing 33,000 b/d Domestic Oilfield**

[http://www.rigzone.com/news/article.asp?a\\_id=82398](http://www.rigzone.com/news/article.asp?a_id=82398)

**Shell Sees Increased Oil Thefts along Niger Delta Pipelines “In Recent Months”**

Bloomberg News, 07:15 November 13, 2009

**Cooper Energy’s Hammamet West Oilfield in Tunisia Contains More than 200 Million Barrels of Estimated Oil in Place**

[http://www.rigzone.com/news/article.asp?a\\_id=82418](http://www.rigzone.com/news/article.asp?a_id=82418)

**Russia Completes Port of Kozmino Oil Exports Terminal, or Planned Endpoint of East Siberia-Pacific Ocean (ESPO) Oil Pipeline**

<http://www.ogj.com/index/article-display/5926685803/articles/oil-gas-journal/transportation-2/pipelines/construction/2009/11/russians-complete.html>

**BP, ConocoPhillips Expect to Seek Suppliers in 2010 for Planned Alaska-to-Lower 48 Denali Natural Gas Pipeline—Companies Highlight Price Volatility, Increased Domestic Supply as Challenges to Project**

DJN, 10:42 November 13, 2009

**Control System Malfunction Forces Shut East Vealmoor Gas Plant in Texas November 12—Operators Restart Facility within Seven Hours**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=131920>

**Operators Shut Mabee Ranch CO2 Plant in Texas for Work November 12**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=131929>

**Southern California Edison Contractor Crew Ruptures Natural Gas Pipeline, Forcing Local Evacuations in California November 13**

<http://www.rimoftheworld.net/4387>

**DOE Launches Carbon Storage and Enhanced Oil Recovery Project at Clore Formation in Indiana by November 12**

[http://www.netl.doe.gov/publications/press/2009/09078-Indiana\\_CO2\\_Injection\\_Begins.html](http://www.netl.doe.gov/publications/press/2009/09078-Indiana_CO2_Injection_Begins.html)

**NRG Energy Subsidiary and Nissan Motor Co. to Work Jointly to Spur Electric Vehicle Growth in Houston, Texas—Companies to Push for Policy Changes, Promote New Infrastructure**

BSW, 13:01 November 13, 2009

## EPA Requiring Companies to Protect Mayflies in Appalachian Mountaintop Coal Mining Projects

Bloomberg News, 01:00 November 13, 2009

## Cliffs Natural Resources Approves Subsidiary renewaFUEL, LLC's Plans for 150,000 Tons/Year Biomass Fuel Production Plant in Michigan by November 13

<http://www.earthtimes.org/articles/show/renewafuel-llc-receives-plan-approval-for-marquette-mich-biomass-production-plant,1044485.shtml>

## 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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