



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

# ENERGY ASSURANCE DAILY

Monday Evening, August 29, 2011

## Major Developments

### **Hurricane Irene Makes Landfall in U.S. East Coast, Impacting Energy Infrastructure and Knocking Out Power from North Carolina to Canada; More than 5,000,000 Customers Remain without Power August 29**

Hurricane Irene made landfall on Puerto Rico as a Category 1 hurricane on August 22 and subsequently made landfall near Cape Lookout, North Carolina as a Category 1 hurricane at 8:00 a.m. EDT August 27. The following states issued a State of Emergency due to the hurricane: Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Jersey, New York, North Carolina, Pennsylvania Rhode Island, Vermont, and Virginia. Along with widespread flooding and power outage, nuclear power plants shut in advance of the storm and refinery operations were affected throughout the Mid-Atlantic region. In addition to the outages and damage along the East Coast of the United States detailed in the table below, there are reports of extensive damage in Canada where, as of the latest reports, some 165,000 customers remain without power in Quebec along with thousands more the Maritimes.

For details on the impact of Hurricane Irene on customer outages, energy infrastructure issues and restoration efforts see: Hurricane Irene Situation Report #7, August 29, 2011 (3:00 PM EDT) issued by U.S. Department of Energy, Office of Electricity Delivery & Energy Reliability, at the following URL:

[http://www.oe.netl.doe.gov/emergency\\_sit\\_rpt.aspx](http://www.oe.netl.doe.gov/emergency_sit_rpt.aspx)

U.S. East Coast Customer Power Outages			
August 27 – 29, 2011			
Electric Utility	State	Peak	Latest Reported
Connecticut Light & Power	CT	653,868	561,323
United Illuminating	CT	158,000	105,166
Delmarva Power	DE	42,766	13,807
Delaware Electric Cooperative	DE	1,328	17
Pepco	DC	30,424	7,621
Bangor Hydro Electric	ME	18,663	602
Central Maine Power	ME	183,000	115,395
Allegheny Power	MD	2,013	150
Baltimore Gas and Electric	MD	604,882	354,067
Choptank Electric Coop	MD	5,152	1,940
Pepco	MD	142,700	43,856
Delmarva	MD	58,684	23,892
Southern Maryland Electric Cooperative	MD	82,293	50,065
National Grid	MA	421,096	323,832
NSTAR	MA	250,000	200,000
Unitil	MA/NH	27,000	1,100
Western Massachusetts Electric	MA	16,500	2,214
National Grid	NH	8,042	2,036
New Hampshire Electric Coop	NH	22,225	12,546
Public Service of New Hampshire	NH	125,000	71,855
Atlantic City Electric	NJ	140,000	56,163
Jersey Central Power & Light	NJ	411,715	367,376
PSE&G	NJ	392,000	188,000

Orange & Rockland Utilities	NJ/NY/PA	80,000	47,772
Sussex Rural Electric Cooperative	NJ	12,000	3,000
Consolidated Edison	NY	121,000	66,818
LIPA	NY	419,538	345,798
National Grid	NY	122,169	87,986
NYSEG	NY	130,534	121,570
RGE	NY	966	1
Central Hudson Gas & Electric	NY	115,000	102,211
Duke Energy	NC/SC	11,250	2,652
Progress Energy	NC	280,000	79,360
North Carolina's Electric Cooperatives	NC	152,000	63,000
ElectriCities	NC	36,000	36,000
Dominion Power	NC	72,346	49,768
Jones-Onslow EMC	NC	2,341	666
PECO	PA	262,947	168,000
PennPower, Penelec, Met-Ed (FirstEnergy)	PA	120,203	70,558
PPL Electric Utilities	PA	230,000	92,366
UGI	PA	32,000	32,000
National Grid	RI	317,509	274,404
CVPS	VT	40,000	29,644
Green Mountain Power	VT	37,841	37,841
Dominion Power	VA	785,000	481,812
NOVEC	VA	3,950	15
A&N Electric Coop	VA	3,400	3,400
Northern Neck Coop	VA	16,796	10,692
Rappahannock Electric Coop	VA	19,200	6,773
<b>TOTAL*</b>		<b>7,221,341</b>	<b>4,717,130</b>

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

Sources:

<http://www.thestar.com/news/canada/article/1046238--one-person-missing-as-irene-batters-quebec-the-maritimes>

Connecticut Light & Power: <http://www.cl-p.com/outage/outagemap.aspx>, <http://twitter.com/Ctlightandpower>, <http://www.cl-p.com/outage/mobile.aspx>

United Illuminating: <http://www.shorelineplus.com/shplus/information/news/storms/UI-expects-significant-progress-Monday142851428514285.shtml>

Delmarva Power: <http://www.delmarva.com/home/emergency/maps/stormcenter/>, <http://www.delmarva.com/home/>, <http://www.delmarva.com/welcome/news/releases/archives/2011/article.aspx?cid=1839>

Delaware Electric Cooperative: [http://www.delaware.coop/outage\\_map.php](http://www.delaware.coop/outage_map.php), <http://twitter.com/DEElectricCoop>

Pepco: <http://www.pepco.com/home/emergency/maps/stormcenter/>

Bangor Hydro Electric: <http://www.bhe.com/about/outages.cfm#>, <http://twitter.com/bangorhydro>

Central Maine Power: <http://www3.cmpco.com/outage/>

Allegheny Power: [http://app.alleghenyenergy.com/outagestatus/OMS\\_Customer\\_State.aspx?Option=State&User=](http://app.alleghenyenergy.com/outagestatus/OMS_Customer_State.aspx?Option=State&User=)

Baltimore Gas and Electric: <http://www.bge.com/customerservice/stormsoutages/currentoutages/Pages/default.aspx>

Choptank Electric Coop: <http://www.choptankelectric.com/outages/index.html#>

Southern Maryland Electric Cooperative: <http://outage.smeco.coop/>

National Grid: <http://www1.nationalgridus.com/niagaramohawk/stormcenter/>,

<http://www1.nationalgridus.com/masselectric/stormcenter/>,

<http://www1.nationalgridus.com/granitestate/stormcenter/>,

<http://www1.nationalgridus.com/narragansett/stormcenter/>

NSTAR: <http://www.nstar.com/residential/>

Unitil: <http://www.unitil.com/media-center/press-releases/unitil-completes-restoration-massachusetts>,  
<http://www.unitil.com/media-center/press-releases/high-winds-expected-continue-through-evening-hours>

Western Massachusetts Electric:  
<http://nuwnotes1.nu.com/apps/wmeco/webcontent.nsf/0/ED1CA77075D72DFD852578FA00764693?opendocument>  
<http://www.wmeco.com/outage/OutageMap.aspx>

Public Service of New Hampshire: <http://www.psnh.com/PowerOutagesStorms/Home/Storm-Updates.aspx>,  
<http://www.psnh.com/outage/outagemap.aspx>, <http://www.psnhnews.com/latestnews.cfm?Inid=214>

Atlantic City Electric:

<http://www.atlanticcityelectric.com/welcome/news/releases/archives/2011/article.aspx?cid=1840>,  
<http://www.atlanticcityelectric.com/home/emergency/maps/stormcenter/>

PSE&G: <http://twitter.com/#!/PSEGoutageinfo/status/107923864499130369> ,  
<http://www.pseg.com/info/media/newsreleases/2011/2011-08-28.jsp>  
 Orange & Rockland Utilities: <http://www.oru.com/advisories/?id=519> ,  
[http://wp1.coned.com/or\\_stormcenter/default.aspx](http://wp1.coned.com/or_stormcenter/default.aspx)  
 Sussex Rural Electric Cooperative: <http://www.njherald.com/story/news/Weather-update-Irene-8-29-2011>  
 Consolidated Edison: <http://apps.coned.com/weboutageinfo/stormcenter/default.aspx> ,  
[http://www.coned.com/newsroom/news/pr20110828\\_2.asp](http://www.coned.com/newsroom/news/pr20110828_2.asp)  
 LIPA: <http://www.lipower.org/stormcenter/outagemap.html>  
 NYSEG: <http://www.nyseg.com/Outages/outageinformation.html>  
 RGE: <http://ebiz1.rge.com/cusweb/outage/>  
 Central Hudson Gas & Electric: [http://www.centralhudson.com/about\\_us/news/aug29a\\_11.html](http://www.centralhudson.com/about_us/news/aug29a_11.html) ,  
<http://stormcentral.cenhud.com/default.aspx>  
 Duke Energy: <http://www.duke-energy.com/north-carolina/outages/current.asp> ,  
<http://www.bloomberg.com/news/2011-08-27/hurricane-irene-crosses-north-carolina-coast-as-winds-slow-to-category-one.html>  
 Progress Energy: <https://www.progress-energy.com/company/media-room/news-archive/press-release.page?title=Progress+Energy+to+restore+95+percent+of+customers+by+midnight+Wednesday&pubdate=08-28-2011> , <https://www.progress-energy.com/app/outagemaps/carolinas.aspx>  
 North Carolina's Electric Cooperatives: <http://www.ncemcs.com/news/releases/storms/Irene11082911.htm>  
 ElectriCities: [http://www.electricities.com/Default/NewsEvents/PressReleases/11-08-29/N\\_C\\_Public\\_Power\\_Outages\\_from\\_Hurricane\\_Irene.aspx](http://www.electricities.com/Default/NewsEvents/PressReleases/11-08-29/N_C_Public_Power_Outages_from_Hurricane_Irene.aspx)  
 Dominion Power: <http://www.dom.com/storm-center/dominion-electric-outage-summary.jsp> ,  
<http://dom.mediaroom.com/index.php?s=43&item=1020> , <http://twitter.com/DomVAPower>  
 NOVEC: [http://www.novec.com/About\\_NOVEC/News\\_Release/nr082511.cfm](http://www.novec.com/About_NOVEC/News_Release/nr082511.cfm)  
 Jones-Onslow EMC: <http://joemc.maps.sienatech.com/>  
 PECO: <http://www.peco.com/StormCentral>  
 PennPower, Penelec, Met-Ed (FirstEnergy): <http://www.firstenergycorp.com/outages/opco-outages.jsp>  
 PPL: <http://stage2.mediaroom.com/pplweb/index.php?s=12270&item=53987> ,  
<https://selfserv.pplelectric.com/EUSelfServ/Outage/OutageMap.aspx>  
 UGI: [http://www.ugi.com/portal/page/portal/UGI\\_Content/About%20Us/Newsroom/News\\_Electric\\_082911](http://www.ugi.com/portal/page/portal/UGI_Content/About%20Us/Newsroom/News_Electric_082911)  
 CVPS: <http://www.cvps.com/customerservice/outages/default.aspx> ,  
[http://www.cvps.com/AboutUs/news/viewStory.aspx?story\\_id=362](http://www.cvps.com/AboutUs/news/viewStory.aspx?story_id=362)  
 A&N Electric Coop: <http://www.delmarvanow.com/article/20110829/NEWS01/110829026/HURRICANE-IRENE-Eastern-Shore-is-relieved-after-brush-with-deadly-storm?odyssey=mod|newswell|text|Eastern%20Shore%20News>  
 Northern Neck Coop: <http://outages.nnec.coop/> , <http://www.nnec.coop/Articles/irene4.aspx>  
 Rappahannock Electric Coop: <http://www.myrec.coop/outage-center/outage-summary.cfm>

## ***Electricity***

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### **Constellation's 825 MW Calvert Cliffs Nuclear Unit 1 in Maryland Shut after Hurricane Irene Wind Gust Damages Transformer August 27**

According to a filing with the Nuclear Regulatory Commission (NRC), the reactor tripped “due to a phase to phase short on the main generator output step-up transformer that resulted from a large section of turbine building siding breaking loose in high winds from Hurricane Irene and impacting the transformer. This impact resulted in an explosion.” The licensee announced that the plant was exiting the Unusual Event condition following inspections.

The NRC reported that on the morning of August 27 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110829en.html>

<http://finance.yahoo.com/news/Calvert-Cliffs-Unit-1-Nuclear-bw-3434493400.html?x=0&.v=1>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

### **Units 1 and 2 Change Output Levels at Progress Energy's Brunswick Nuclear Plant in North Carolina in Advance of Hurricane Irene August 27-29**

The 872 MW unit 1 and 811 MW unit 2 were each reduced to 70 percent by August 27. Unit 1 then returned to full power by August 29, while unit 2 ramped up to 90 percent by August 29. The Nuclear Regulatory Commission reported that on the morning of August 26 both units were operating at full power.

Reuters, 18:26 August 28, 2011

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

### **Southern's 870 MW Hatch Nuclear Unit 2 in Georgia Reduced to 65 Percent by August 28, Ramped Up to 90 Percent by August 29**

The Nuclear Regulatory Commission reported that on the morning of August 26 the unit was operating at 96 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

### **TVA's 1,125 MW Watts Bar Nuclear Unit 1 in Tennessee Reduced to 89 Percent by August 29**

The Nuclear Regulatory Commission reported that on the morning of August 28 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

### **Units 2 and 3 Reduced at Dominion's Millstone Nuclear Plant in Connecticut by August 28**

The 871 MW unit 2 was reduced to 50 percent by August 28, and the 1,130 MW unit 3 was reduced to 70 percent by August 28. The Nuclear Regulatory Commission reported that on the morning of August 27 both units were operating at full power.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

### **Exelon's 619 MW Oyster Creek Nuclear Unit in New Jersey Shut by August 28**

The Nuclear Regulatory Commission reported that on the morning of August 27 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

### **Update: FPL's 839 MW Saint Lucie Nuclear Unit 1 in Florida at Full Power by August 28**

The unit had tripped due to an influx of jellyfish on August 22. The Nuclear Regulatory Commission reported that on the morning of August 26 the unit was not operating.

Reuters, 08:20 August 29, 2011

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

### **Exelon's 1,111 MW La Salle Nuclear Unit 2 in Illinois Reduced to 69 Percent by August 27, Ramped Up to 98 Percent by August 28**

The Nuclear Regulatory Commission reported that on the morning of August 26 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

### **Xcel's 578 MW Monticello Nuclear Unit in Minnesota Reduced to 56 Percent by August 27**

The Nuclear Regulatory Commission reported that on the morning of August 26 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

### **Luminant's 1,150 MW Comanche Peak Nuclear Unit 1 in Texas Reduced to 61 Percent by August 27; Operators Declare Emergency**

According to a filing with the Nuclear Regulatory Commission (NRC), operators briefly issued a Notice of Unusual Event August 27 due to an unspecified "security event." It is not clear whether the unit was reduced due to the event or if the curtailment was unrelated. The NRC reported that on the morning of August 26 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110829en.html>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

## **Hydro Québec's 675 MW Gentilly Nuclear Unit 2 in Quebec Shut August 23 Due to Two Malfunctions**

The unit was shut following two malfunctions, including a heavy water leak on June 13 that the company did not announce for two months. According to a company representative, the leak was immediately reported to the Canadian Nuclear Safety Commission.

<http://www.thewhig.com/ArticleDisplay.aspx?e=3272304>

## **AES's 332 MW Alamos Gas-fired Unit 3 in California Reduced by August 26, Returns to Service by August 27**

According to the California Independent System Operator, the unit reported an unplanned curtailment of 132 MW on August 26. The unit later reported a return from the curtailment.

<http://content.caiso.com/unitstatus/data/unitstatus201108261515.html>

<http://content.caiso.com/unitstatus/data/unitstatus201108271515.html>

## **La Paloma Generating Company's 260 MW La Paloma Gas-fired Unit 1 in California Returns to Service by August 27**

According to the California Independent System Operator, the unit reported a return from a planned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201108271515.html>

## **Elk Hills Power's 552 MW Elk Hills Gas-fired Unit in California Returns to Service by August 27**

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment of 327 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201108271515.html>

## **Update: Dominion Lifts Notice of Unusual Event at 1,842 MW North Anna Nuclear Plant in Virginia August 28**

According to filings with the Nuclear Regulatory Commission (NRC), operators lifted the notice, which had been issued following last week's earthquake and aftershocks.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110829en.html>

## **Emergency Diesel Generator Actuated Automatically at STP's 1,251 MW South Texas Nuclear Unit 1 August 28**

According to a filing with the Nuclear Regulatory Commission (NRC), "an automatic actuation of the Unit 1 Train A emergency diesel generator occurred due to an actuation signal from the load sequencer." Unit 1 remains at full power. It is unknown why the actuation occurred.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110829en.html>

## **DOE to Partially Guarantee \$852 Million Loan for NextEra Energy Resources' 250 MW Genesis Solar Project in Riverside County, California August 26**

U.S. Energy Secretary Steven Chu announced that the Department of Energy (DOE) finalized a partial guarantee for an \$852 million loan to support the development of the Genesis Solar Project, a parabolic trough concentrating solar power (CSP) facility that will increase the nation's currently installed CSP capacity by about 50 percent.

<http://energy.gov/articles/department-energy-finalizes-partial-guarantee-852-million-loan-support-california>

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## ***Petroleum***

## **Operators Report Flaring Due to Unknown Reason at 139,000 b/d Wilmington, California Refinery August 28**

It is not clear what caused the flaring, but according to a filing with state regulators it does not involve a pipeline.

<http://af.reuters.com/article/energyOilNews/idAFWEN766920110828>

<http://www.oes.ca.gov/Operational/MALHaz.nsf/f1841a103c102734882563e200760c4a/8957081bd2cbdc3e882578fb0003b89f?OpenDocument>



### **DOE Plans to Buy 1 Million Barrels of ULSD for the Northeast Heating Oil Reserve**

The Department of Energy (DOE) will purchase 1 million barrels of ultra-low sulfur diesel (ULSD) in September. DOE already announced contracts on August 18 with Hess for 400,000 barrels of storage in Groton, Connecticut, and with Global Companies LLC for 250,000 barrels of storage in Revere, Massachusetts. DOE issued a solicitation for storage of the remaining 350,000 barrels on August 26.

<http://www.nasdaq.com/asp/stock-market-news-story.aspx?storyid=201108261724dowjonesdjonline000569&title=updatedoe-to-buy-ultralow-sulfur-distillate-for-reserve>

<http://www.foxbusiness.com/industries/2011/08/26/us-doe-to-fill-1-million-barrel-diesel-reserve-in-september-source/>

### **Update: Total Begins Production Ahead of Schedule at 220,000 b/d Pazflor Oil Field Offshore Angola**

The Pazflor field contains estimated proved and probable reserves of 590 million barrels of oil. Total plans to ramp up production at the field over the coming months to a full capacity of 220,000 b/d.

[http://www.rigzone.com/news/article.asp?a\\_id=110541](http://www.rigzone.com/news/article.asp?a_id=110541)

### **Valero Reports No Impact on Production from Unit Problem at 170,000 b/d McKee, Texas Refinery August 29**

Valero reported that the malfunction of the unidentified had material impact production. Reuters, 10:39 August 29, 2011

### **Valero's 180, 000 b/d Memphis, Tennessee Refinery Returns to Normal Rates by August 29**

A fire on august 5 shut the refinery. On August 29, Valero announced that the refinery was restored to normal rates. Reuters, 10:38 August 29, 2011

### **Power Glitch on August 25 Hits Valero's 225,000 b/d Texas City Refinery in Texas; Operations Restored by August 29**

Reuters, 10:38 August 29, 2011

### **Update: Libya's AGOCO Reports All Five Libyan Refineries Offline**

The rebel oil company AGOCO reported on August 27, that all five refineries in the country are offline because they lack crude oil or have damage to equipment. The total refining capacity of the refineries is 378,000 b/d. Restarting the refineries will depend on when crude production can be restarted. AGOCO indicated that it expects production to restart within a few weeks at the Mesla and Sarir fields which have a combined capacity of 425,000 bpd.

Reuters, 14:54 August 27, 2011

## ***Natural Gas***

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### **Update: PG&E Releases Natural Gas Pipeline Modernization Plan in California August 26**

Pacific Gas and Electric (PG&E) announced a proposed multi-year modernization plan to increase the safety of its natural gas pipelines. The utility filed the plan with the California Public Utilities Commission (CPUC). According to news reports, the plan includes replacing at least 186 miles of pipeline, retrofitting 199 miles, inspecting 243 miles with pigs, and assessing the strength of 783 miles. The whole project would cost \$2.18 billion and go through 2014.

[http://www.mercurynews.com/breaking-news/ci\\_18766199](http://www.mercurynews.com/breaking-news/ci_18766199)

[http://www.pge.com/about/newsroom/newsreleases/20110826/pgampe\\_releases\\_comprehensive\\_natural\\_gas\\_pipeline\\_safety\\_plan.shtml](http://www.pge.com/about/newsroom/newsreleases/20110826/pgampe_releases_comprehensive_natural_gas_pipeline_safety_plan.shtml)

### **Dangerous Concentrations of Hydrogen Sulfide Gas Reported at Noble Energy Natural Gas Drilling Rigs in Garfield County, Colorado in 2009**

According to the director of the Colorado Oil and Gas Conservation Commission, the company found dangerous levels of the gas in 2009, but that there is no current danger.

<http://fuelfix.com/blog/2011/08/26/regulators-find-dangerous-gas-at-drilling-rigs/>

## Other News

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Nothing to report

## Energy Prices

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U.S. Oil and Gas Prices August 29, 2011			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	85.37	82.87	74.14
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.96	3.99	3.85

Source: Reuters

## Energy Notes

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**DOE Evacuates Nonessential Personnel from Idaho National Laboratory's Materials and Fuels Complex in Idaho August 25 Due to Wildfire – Normal Schedules Resume August 26**

[https://inlportal.inl.gov/portal/server.pt?open=514&objID=1555&mode=2&featurestory=DA\\_582143](https://inlportal.inl.gov/portal/server.pt?open=514&objID=1555&mode=2&featurestory=DA_582143)  
<http://www.reuters.com/article/2011/08/26/us-wildfires-idaho-idUSTRE77O8ES20110826>

**Update: NRC Plans to Increase Oversight at FirstEnergy's Perry Nuclear Plant in Ohio Following Safety Inspections August 26**

<http://moneywatch.bnet.com/economic-news/news/firstenergy-nuke-plant-radiation-prompts-oversight/6285908/>

**Update: Somali Pirates Free Paradise Navigation's Panama-Flagged, Greek-Operated MT Polar Oil Products Tanker August 26 after Holding it Hostage Since October 30, 2010**

<http://af.reuters.com/article/topNews/idAFJOE77P0SP20110826?sp=true>

**Home Served by Consumers Energy in Warren, Michigan Explodes Due to Potential Natural Gas Leak August 26**

<http://www.prnewswire.com/news-releases/city-of-warren-home-explosion-underscores-need-for-natural-gas-safety-128531913.html>  
[http://www.wxyz.com/dpp/news/region/macomb\\_county/house-explosion-in-warren](http://www.wxyz.com/dpp/news/region/macomb_county/house-explosion-in-warren)

**Emporer Unit Down for Repairs at Keystone Gas Plant in Texas August 28-29**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=158554>

**Blown Fuse Causes Compressor P-9, Cooling Fan, and Coolant Pumps to Temporarily Shut at Dollarhide Gas Plant in Texas August 28-29**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=158546>

**Acid Gas Compressor Shuts Multiple Times Due to High Discharge Pressure at Big Lake Gas Plant in Texas August 27-28**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=158548>  
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=158537>  
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=158533>

## Midkiff Gas Plant in Texas Goes Down for Emergency Repairs August 27, Forcing Shutdowns at Other Natural Gas Facilities in Texas

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=158538>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=158539>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=158540>

## Mechanical Failure Leads to Emissions at Pittsburg Gas Plant in Texas August 27

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=158541>

## Aker Plant in Texas Experiences Upset Due to Mechanical Failure of the Salof Propane Compressor August 27-28

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=158545>

## Links

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***This Week in Petroleum*** from the U.S. Energy Information Administration (EIA)

<http://www.eia.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

***Weekly Petroleum Status Report*** from EIA

[http://www.eia.gov/oil\\_gas/petroleum/data\\_publications/weekly\\_petroleum\\_status\\_report/wpsr.html](http://www.eia.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html)

Updated after 10:30 AM & 1:00 PM EDT every Wednesday.

***Natural Gas Weekly Update*** from EIA

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EDT every Thursday.

## ENERGY ASSURANCE DAILY

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*Energy Assurance Daily* provides a summary of public information concerning current energy issues. Published Monday through Friday to inform stakeholders of developments affecting energy systems, flows, and markets, it provides highlights of energy issues rather than a comprehensive coverage. *Energy Assurance Daily* is updated online Monday through Friday after 5:00 p.m. EDT. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:

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