



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

# ENERGY ASSURANCE DAILY

Monday Evening, June 13, 2011

## *Electricity*

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### **Update: Utilities Restore Power to Customers following Last Week's Storms**

The Associated Press reported that Connecticut Light & Power (CL&P) has restored electricity to 208,000 Connecticut customers since storms began on June 9. CL&P indicates only 407 Connecticut customers remain without power as of latest reports. A Western Massachusetts Power Company (WMECO) spokeswoman said that a peak of 20,000 Massachusetts customers lost power during the storm; only scattered outages are currently being reported on the company's website. Reports also indicate that about 54,000 Baltimore Gas and Electric (BGE) customers in Maryland were impacted by the storms. BGE reports just 150 customers are currently without power in Maryland.

Connecticut Light & Power: <http://www.cl-p.com/outage/OutageMap.aspx> ,  
<http://www.theday.com/article/20110611/NWS12/110619930/1047> ,

<http://www.therepublic.com/view/story/eb2151b8822b4a2d938b854c8c370330/CT--Severe-Weather-Conn/>

Baltimore Gas and Electric: <https://secure.bge.com/portal/site/bge/menuitem.eb0798e0c710ad25c7b0eb22747176a0/> ,  
<http://finance.yahoo.com/news/Storms-knock-out-power-to-apf-1716712468.html?x=0&.v=1>

Western Massachusetts Power Company: <http://www.gazettenet.com/2011/06/11/power-mostly-restored> ,  
<http://www.wmeco.com/outage/outagemap.aspx>

### **Update: Hydro One Says 8,000 Customers Remain without Power in Ontario June 12**

According to previous reports, a peak of about 150,000 Hydro One customers lost power on June 8 after thunderstorms damaged the province's utility distribution system.

<http://toronto.ctv.ca/servlet/an/local/CTVNews/20110612/hydro-power-outage-update-110612/20110612?hub=TorontoNewHome>

### **NMC's 522 MW Prairie Island Nuclear Unit 1 in Minnesota Ramped Up to 50 Percent by June 13**

The Nuclear Regulatory Commission reported that on the morning of June 11 the unit was operating at 8 percent. Information derived from the NRC Power Reactor Status Reports:

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

### **Exelon's 1,134 MW Limerick Nuclear Unit 1 in Pennsylvania Reduced to 77 Percent by June 11, Returns to Full Power by June 12**

The Nuclear Regulatory Commission reported that on the morning of June 10 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: TVA's 1,118 MW Browns Ferry Nuclear Unit 2 in Alabama at Full Power by June 12**

The Nuclear Regulatory Commission reported that on the morning of June 11 the unit was operating at 88 percent. Information derived from the NRC Power Reactor Status Reports:

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

### **Update: Duke Energy's 846 MW Oconee Nuclear Unit 1 in South Carolina at Full Power by June 12**

The Nuclear Regulatory Commission reported that on the morning of June 10 the unit was operating at 36 percent. Information derived from the NRC Power Reactor Status Reports:

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

### **FPL's 565 MW Duane Arnold Nuclear Unit in Iowa Reduced to 55 Percent by June 11, Ramped Up to 97 Percent by June 12**

The Nuclear Regulatory Commission reported that on the morning of June 10 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: Constellation's 480 MW Ginna Nuclear Unit in New York Ramped Up to 70 Percent by June 11**

The Nuclear Regulatory Commission reported that on the morning of June 10 the unit was operating at 42 percent. Information derived from the NRC Power Reactor Status Reports:

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

### **Cabrillo Power's 106 MW Encina Gas-Fired Unit 1 in California Shut by June 10**

According to the California Independent System Operator, the unit reported an unplanned outage by June 10.

<http://www.caiso.com/unitstatus/data/unitstatus201106101515.html>

### **OPG's 535 MW Lennox Oil- and Gas-Fired Unit 2 in Ontario Shut June 12**

Reuters, 07:17 June 13, 2011

### **RPS Instrumentation Declared Inoperable at Duke Energy's 846 MW Oconee Nuclear Unit 1 in South Carolina June 10**

According to a filing with the Nuclear Regulatory Commission (NRC), "all four channels of Reactor Protective System [RPS] instrumentation were declared inoperable" at the plant. A wiring error was identified as the cause. All four channels of RPS were later restored.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110613en.html>

### **Update: Solar Trust of America to Break Ground on 1,000 MW Blythe Solar Power Project in California June 17**

The project will be the largest solar power facility in the world.

<http://pdf.reuters.com/htmlnews/8knews.asp?i=43059c3bf0e37541&u=urn:newsml:reuters.com:20110613:nBw136430a>

### **Update: BLM Allows Construction to Restart at BrightSource Energy's Proposed 100 MW Ivanpah Solar Project in Southern California**

Federal officials halted construction on the project after an assessment said that desert tortoises would be killed or disturbed during construction. However, a new "Biological Opinion" by the U.S. Fish and Wildlife Service prompted the U.S. Bureau of Land Management (BLM) to allow the project to move forward.

[http://www.washingtonpost.com/national/environment/federal-agency-allows-construction-to-resume-on-parts-of-california-solar-energy-project/2011/06/11/AGZXldPH\\_story.html?wprss=rss\\_national](http://www.washingtonpost.com/national/environment/federal-agency-allows-construction-to-resume-on-parts-of-california-solar-energy-project/2011/06/11/AGZXldPH_story.html?wprss=rss_national)

### **NRG's 813 MW Limestone Coal-Fired Unit 2 in Texas Shut to Repair Boiler Tube Leak June 11-14**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=155569>

### **San Miguel Electric Coop Restarts 410 MW San Miguel Coal-Fired Power Plant in Texas June 11**

The unit had been brought offline to repair leaking boiler tubes.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=155578>

## **Update: Wallow Fire Continues to Burn in Arizona June 13; Threat to Energy Assets Diminishes Even as Fire Burns Just Four Miles from Key Transmission Lines**

According to various reports, the fire is now ten percent contained. While the fire is burning just four miles away from two transmission lines that carry electricity from Arizona to New Mexico and Texas, firefighters have burned off most of the fuel between the fire and the lines, making it difficult for the fire to cause a disruption in service.

<http://www.kten.com/Global/story.asp?S=14889921>

<http://www.seattlepi.com/news/article/Firefighting-nightshift-poses-unseen-dangers-1421365.php#ixzz1PAOIaJSL>

<http://www.azein.gov/azein/Lists/Announcements/DispForm.aspx?ID=1702>

<http://inciweb.org/incident/2262/>

## **Petroleum**

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### **Al-Hayat Reports on June 10 that Saudi Arabia May Increase Crude Production from 8.8 Million b/d in May to 10 Million b/d in July**

The Saudi Arabian newspaper al-Hayat reported that Saudi Arabia may increase production to 10 million b/d in July, the country's highest level of production in 30 years. According to the U.S. Energy Information Administration, the last time Saudi Arabia produced that much oil was in August 1981.

Reuters, 12:50 June 13, 2011

DJN, 12:10 June 13, 2011

[http://seattletimes.nwsources.com/html/business/technology/2015280893\\_apoilprices.html](http://seattletimes.nwsources.com/html/business/technology/2015280893_apoilprices.html)

<http://www.ibtimes.com/articles/161777/20110613/oil-prices-continuing-to-fall.htm>

<http://english.alarabiya.net/articles/2011/06/10/152678.html>

### **Canadian Oil Sands Projects Could Face Severe Water Shortages: Researchers**

According to news reports, Canadian water researchers are warning that the depletion of glaciers and declining snowpack in the Rocky Mountains could lead to severe water shortages at Canada's oil sands projects.

<http://theyee.ca/Blogs/TheHook/Environment/2011/06/10/oil-sands-water-shortages/>

### **Pipeline Fires and Leaks along Trans-Niger Pipeline Lead Shell to Declare Force Majeure on June-July Nigerian Bonny Light Oil Loadings June 13**

All leaks were repaired and production resumed by June 12, but the shutdown has affected loading schedules at Shell's Bonny export terminal in Nigeria.

Reuters, 10:43 June 13, 2011

### **ConocoPhillips Reports Upsets at SRUs 1 and 2 at 100,000 b/d Ferndale, Washington Refinery Due to Offsite Accident and Power Outage June 3**

Reuters, 12:58 June 13, 2011

### **Update: Operators Say Tesoro's 96,860 b/d Wilmington, California Refinery Returned to Planned Rates June 11-13 after Last Week's Power Outages**

All unspecified process units affected by power blips on June 6, were planned to return to targeted rates by the end of June 11. The start up of one of the units led to flaring. There was no impact on total output or on the company's ability to meet regional supply commitments.

Reuters, 17:23 June 10, 2011

Reuters, 16:01 June 12, 2011

Reuters, 11:49 June 13, 2011

### **Gasoline-Making FCCU 3 Returns to Service at BP's 475,000 b/d Texas City, Texas Refinery June 11-12**

The fluid catalytic cracking unit number 3 (FCCU 3) was shut for unplanned repairs on June 7.

Reuters, 10:52 June 13, 2011

### **Equipment Failure Leads to Flaring at Valero's 287,000 b/d Port Arthur, Texas Refinery June 12**

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=155579>

## Natural Gas

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Nothing to report.

## Other News

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### **Update: Southern Company Announces Alabama Power's CCS Facility Is Operating at its 2,567 MW Plant Barry in Alabama by June 13**

Plant Barry's carbon capture and storage (CCS) facility is the world's largest for a coal-fired power plant. It will capture approximately 150,000 tons of CO<sub>2</sub> annually, the equivalent of emissions from 25 MW, for permanent underground storage in a deep saline geologic formation.

[http://www.southerncompany.com/news/dyn\\_pressroom.aspx?s=43&item=2337](http://www.southerncompany.com/news/dyn_pressroom.aspx?s=43&item=2337)

## Energy Prices

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U.S. Oil and Gas Prices			
June 13, 2011			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	97.30	99.33	73.41
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.75	4.83	4.68

Source: Reuters

## Energy Notes

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### **Storms Place Over 21,000 Duke Energy Customers in the Dark in Indiana, Kentucky, and Ohio June 10**

<http://www.wlwt.com/r/28203371/detail.html>

### **Update: OPPD Working to Protect Substations from Flooding in Nebraska by June 10**

<http://oppdstorminfo.blogspot.com/2011/06/june-10-2011.html>

### **Update: Operators Working to Manage Flood Conditions at NPPD's 764 MW Cooper Nuclear Unit in Nebraska**

<http://www.nppd.com/flood/powerplants.asp>

### **FirstEnergy to Hold Groundbreaking on June 15 for New Emergency Operations Center at its 1,235 MW Perry Nuclear Unit 1 – Facility Due to Be Completed in January 2012**

[http://www.firstenergycorp.com/newsroom/news\\_releases/groundbreaking\\_ceremonyplannedfornewfirstenergynuclearoperatingc.html](http://www.firstenergycorp.com/newsroom/news_releases/groundbreaking_ceremonyplannedfornewfirstenergynuclearoperatingc.html)

### **Entergy Investigating Allegations of Guards Sleeping on the Job at its Arkansas Nuclear One Nuclear Plant in Arkansas June 9**

<http://www.stamfordadvocate.com/news/article/Complaint-Guards-asleep-at-Ark-Nuclear-One-plant-1417937.php>

**SCE Re-Engineering Neighborhood Power Circuits to Accept Large Amounts of Fluctuating Solar Generation**

<http://www.edison.com/pressroom/pr.asp?id=7639>

**McGraw-Hill and NJR Clean Energy Ventures Announce Plan to Build 14 MW Solar System at McGraw-Hill's East Windsor, New Jersey Campus June 13 – Facility Would Be Largest Privately Owned, Net-Metered Solar Project in the Western Hemisphere**

<http://investor.mcgraw-hill.com/phoenix.zhtml?c=96562&p=irol-newsArticle&ID=1573196>

**Update: Somali Pirates Release Kuwaiti-Owned MV Zirku Crude Tanker Held Since March 28 – Ship Was Hijacked in the Gulf of Aden En Route from Singapore to Sudan**

<http://www.voanews.com/english/news/africa/Somali-Pirates-Free-Kuwaiti-Oil-Tanker-After-Ransom--123714964.html>

**Update: Production Has Begun at Shell and Qatar Petroleum's 140,000 b/d Pearl Gas-to-Liquids Project in Qatar**

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=26895](http://www.downstreamtoday.com/news/article.aspx?a_id=26895)

**Natural Gas Leak Forces Hours-Long Evacuation from Offices, YMCA in Downtown Duluth, Minnesota after Workers Strike Gas Line June 9**

<http://www.duluthnewstribune.com/event/article/id/201344/>

**Update: Voluntary Evacuation Order Lifted in Serene Lakes, California June 9 – Order Was Originally Issued Due to an April 8 Propane Explosion and Multiple Propane Leaks from about Two Dozen Tanks Damaged by Heavy Snowfall**

<http://www.sacbee.com/2011/06/10/3690385/evacuation-order-ends-as-propane.html>

**Freedom Energy Diesel to Build \$405 Million New Coal Gasification Plant in Morristown, Tennessee – Facility Will Produce Diesel Fuel from Coal**

<http://www.greenfieldreporter.com/view/story/4f4aba299b224e93884c1eb0f981cde9/TN--Coal-Gasification-Plant/>

**Federal Inspectors Shut Arch Coal's West Elk Coal Mine near Somerset, Colorado after Construction Worker Dies from Fall**

<http://www.therepublic.com/view/story/5c8a446b58ca4b84a4021e665ee761f5/CO--Mine-Closed/>

**Energy Secretary Chu Announces \$36 Million to Fund Six Drop-In Biofuels and Bioproducts Projects in California, Michigan, North Carolina, Texas, and Wisconsin June 10**

<http://www.energy.gov/news/10359.htm>

**Storms Force Shutdowns at Welch CO2 Gas Processing Facility in Texas June 10 and at Cedar Lake Booster Station in Texas June 12**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=155571>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=155584>

**Air Products SMR and Compressors Trip Offline at Javelina Gas Processing Facility in Texas June 10-11**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=155549>

**Acid Gas Compressor Shuts, Restarts Due to Alarm on the Lubricator System at Waha Gas Plant in Texas June 11-12**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=155574>

**Equipment Failures Cause Upset at Aker Gas Plant in Texas June 11-12**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=155581>

## Goldsmith Gas Plant in Texas Shuts Down Due to “Leak on a Lateral Going to the Cooling Tower” June 10, Impacting Numerous Natural Gas Production Facilities in Texas

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=155496>

### 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 EST every Wednesday.

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

<http://www.eia.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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