



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

# ENERGY ASSURANCE DAILY

Tuesday Evening, June 28, 2011

## ***Electricity***

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### **Update: Thousands of Customers Still Lack Power in Illinois, Missouri, and Kansas Following Storms of June 26-27**

As of latest reports, Ameren is currently reporting 12,994 customers without power in Illinois (down from a peak 28,000), and another 3,936 customers without power in Missouri (down from a peak of 54,000). Kansas City Power & Light is currently reporting just 1,300 customers are still without power in Missouri and Kansas, down from a peak of approximately 61,300 customers.

<http://www.illinoisoutage.com/go/page/1787/27998/>

<http://www.ameren.com/sites/ae/OutageCenter/Pages/OutageMapPlus.aspx>

[http://www.kcpl.com/storm/storm\\_update.html](http://www.kcpl.com/storm/storm_update.html)

### **Update: PPL's 1,105 MW Susquehanna Nuclear Unit 1 in Pennsylvania Ramped Up to 75 Percent by June 28**

Unit 1 had been shut down on May 16 for inspection and replacement of damaged turbine blades. Unit 2 remains out of service. The Nuclear Regulatory Commission reported that on the morning of June 27 the unit was operating at 30 percent.

<http://www.powergenworldwide.com/index/display/wire-news-display/1445384766.html>

<http://www.prnewswire.com/news-releases/unit-1-at-susquehanna-nuclear-plant-returns-to-service-124477493.html>

Information also derived from the NRC Power Reactor Status Reports:

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

### **Update: Dominion's 815 MW Surry Nuclear Unit 2 in Virginia Ramped Up to 97 Percent by June 28**

The Nuclear Regulatory Commission reported that on the morning of June 27 the unit was operating at 70 percent. 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 1,125 MW Sequoyah Nuclear Unit 1 in Tennessee Ramped Up to 15 Percent by June 28**

The unit tripped due to a turbine problem on June 26. The Nuclear Regulatory Commission reported that on the morning of June 27 the unit was not operating.

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 27**

According to the California Independent System Operator, the unit reported an unplanned outage by June 27.

<http://www.caiso.com/unitstatus/data/unitstatus201106271515.html>

### **Update: "Risk Is Really Very Low" of Missouri River Floods Causing Problems at Nebraska Nuclear Units: NRC Chairman**

After visiting both plants, the chairman of the Nuclear Regulatory Commission (NRC) said that Omaha Public Power District's 478 MW Fort Calhoun nuclear unit and Nebraska Public Power District's 791 MW Cooper nuclear unit both remain safe.

[http://www.salon.com/wires/allwires/2011/06/28/D90402682\\_us\\_missouri\\_river\\_flooding\\_nuclear\\_safety/index.html](http://www.salon.com/wires/allwires/2011/06/28/D90402682_us_missouri_river_flooding_nuclear_safety/index.html)

## **Update: GenConn Energy's 200 MW Middletown Natural Gas-Fired Peaking Power Plant in Connecticut Begins Operations**

The peaking plant, located at the site of an existing NRG power plant, can come online within ten minutes. GenConn is a 50-50 venture of NRG Energy and the United Illuminating Company.

<http://finance.yahoo.com/news/GenConns-New-200-Megawatt-bw-1194322471.html?x=0&.v=1>

## **Xcel Signs Contract with NextEra Energy Resources to Build 200 MW Wind Farm near Limon, Colorado June 27**

Xcel originally solicited bids to build a 200 MW wind project in January 2009, but canceled its plans for economic reasons in November 2010. The Colorado Public Utilities Commission then approved Xcel's request to revive the project and issue a new bid. Construction is due to begin in early 2012, with completion of the project targeted for late 2012.

<http://www.bizjournals.com/twincities/news/2011/06/27/nextera-energy-xcel-colo-wind-farm.html?s=print>

## **Update: Progress Energy Estimates 838 MW Crystal River Nuclear Power Plant in Florida Will Return to Service in 2014**

The company shut the facility for refueling and maintenance in September 2009. Shortly thereafter, it discovered damage that led it to extend the shutdown.

<https://www.progress-energy.com/company/media-room/news-archive/press-release.page?title=Progress+Energy+provides+update+on+Crystal+River+Nuclear+Plant+outage&pubdate=06-27-2011>

## ***Petroleum***

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### **Third Party Mechanical Failure Cuts Supply of Off-Gases to Citgo's 163,000 b/d Corpus Christi, Texas Refinery June 27, Forcing Unknown Unit Curtailments**

Citgo flared gases and cut back units to reduce production of off-gases due to the event.

<http://www11.tceq.state.tx.us/oce/eei/index.cfm?fuseaction=main.getDetails&target=156181>

### **Update: Alon USA Completes Hydrocracker Project at 66,000 b/d Bakersfield, California Refinery by June 27**

The new unit is now in operation processing vacuum gas oil produced by other Alon refineries in the state. The company said that the new hydrocracker will significantly improve refining margins at its California refineries.

<http://www.prnewswire.com/news-releases/alon-usa-announces-completion-of-hydrocracker-project-at-bakersfield-124612903.html>

### **ConocoPhillips Plans New Heat Recovery Boiler at 238,000 b/d Bayway Refinery in Linden, New Jersey**

Work is due to begin immediately on the new unit, which is scheduled to be completed by January 2012. The new unit will replace a boiler that has been in service since 1962.

<http://www.prnewswire.com/news-releases/matrix-service-selected-to-construct-a-new-heat-recovery-boiler-at-the-conocophillips-bayway-refinery-124615808.html#linktopagetop>

## ***Natural Gas***

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### **Tennessee Gas Pipeline Reports Possible Leak along Pecan Island-to-Vermilion Offshore Pipeline in Gulf of Mexico June 28**

According to a company filing, there is a possible leak along its "Bluewater West Leg." The company did not anticipate any restrictions for customers.

<http://tebb.epenergy.com/ebbmastertpage/Notices/NoticesAutoTable.aspx?code=TGP&name=Tennessee%20Gas%20Pipeline%20Company%20-%20Notice%20Text&status=Notice&sParam1=TGP&sParam2=D&sParam4=138794&sParam9=D&details=Y>

## Nautilus Pipeline Company Declares Force Majeure for Nautilus Natural Gas Pipeline Offshore Louisiana – Plans to Restart Pipeline on June 29

Service along the pipeline was disrupted due to a large slug of excessive liquids. Force majeure will remain in effect until further notice.

<http://apps.enbridgeus.com/ENotices/NoticeEntryPage.aspx?selnoticecode=naut2011179.82238>

## Enterprise Products Partners Plans to Build New 75,000 b/d NGL Fractionator at Existing 375,000 b/d Mont Belvieu, Texas Facility

According to a June 27 press release, the partnership plans to build its sixth natural gas liquids (NGLs) fractionator at the facility. Enterprise has already obtained necessary approvals and permits for the fractionator, which is due to be completed in early 2013.

<http://phx.corporate-ir.net/phoenix.zhtml?c=80547&p=irol-newsArticle&id=1579835>

## Alaska Utilities Will Need to Import LNG to Cook Inlet Region in 2014: ML&P Official

The manager of regulatory affairs for Municipal Light & Power (ML&P) said on June 22 that Alaska utilities will need to start importing liquefied natural gas (LNG) to the Cook Inlet region beginning in 2014 due to increased demand. The utilities anticipate a shortfall of 2 Bcf of gas in 2014, though that number could grow as high as 47 Bcf in 2018.

<http://www.petroleumnews.com/pntruncate/82391690.shtml>

## Other News

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### DDCE Plans Cellulosic Ethanol Plant in Nevada, Iowa June 27

DuPont Danisco Cellulosic Ethanol (DDCE), a subsidiary of DuPont, says that the biorefinery will use corncobs, leaves, and stalks as feedstock. It is not clear from reports what the proposed capacity is, but reports say that the facility will need about 300,000 dry tons of stover annually. The plant is due to open in 2013.

[http://www.ddce.com/media/DDCE\\_IowaBiorefinery\\_110627.pdf](http://www.ddce.com/media/DDCE_IowaBiorefinery_110627.pdf)

[http://www.desmoinesregister.com/article/20110628/BUSINESS/106280351/-1/GALLERY\\_ARRAY/Nevada-will-get-next-generation-ethanol-plant](http://www.desmoinesregister.com/article/20110628/BUSINESS/106280351/-1/GALLERY_ARRAY/Nevada-will-get-next-generation-ethanol-plant)

## Energy Prices

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U.S. Oil and Gas Prices			
June 28, 2011			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	91.67	93.10	78.03
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.25	4.37	4.84

Source: Reuters

## Energy Notes

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### Bird Flies into 33 kV Line at SCE's Downs Street Substation, Briefly Leaving About 10,000 Residents Without Power in Indian Wells Valley, California June 27

<http://www.ridgecrestca.com/news/x977394529/Bird-causes-power-outage>

**Wind Turbines Undamaged by Surrounding Wildfires in Nolan and Taylor Counties, Texas**

[http://www.ktxs.com/big\\_country\\_news/28348434/detail.html](http://www.ktxs.com/big_country_news/28348434/detail.html)

**Bisconti Research and Quest Global Research Group Find Eighty Percent of Residents Living near U.S. Nuclear Facilities Favor the Use of Nuclear Energy to Provide Electricity: Nuclear Energy Institute**

<http://www.nei.org/newsandevents/newsreleases/eight-of-10-residents-near-us-nuclear-power-plants-favor-use-of-nuclear-energy/>

**Explosion and Spill of Undetermined Amount of Oil Reported at Pengrowth Energy Pipeline in Alberta June 26**

Reuters, 13:13 June 27, 2011

**U.S. Exports of Natural Gas to Mexico Expected to Average 1.3 Bcf/d, a 450 MMcf/d Increase from 2010: Barclays Capital**

[http://www.rigzone.com/news/article.asp?a\\_id=108423](http://www.rigzone.com/news/article.asp?a_id=108423)

**Louisiana Appeals Court Orders State Regulators to Monitor Wastewater Pollution from Discharged O&G Production Activities into Gulf of Mexico June 10**

<http://www.southernstudies.org/2011/06/court-orders-louisiana-to-take-action-on-radiation-threat-from-oil-and-gas-production.html>

**North Blower Failure Reported at Levelland Booster Station in Texas June 27-28**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=156182>

**Unit #20 Shuts, Restarts Due to Control Panel Problems at Keystone Gas Plant in Texas June 27-28**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=156186>

**Javelina Gas Processing Facility in Texas Shuts Due to Instrumentation Failure June 27-28**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=156179>

**Update: Additional Facilities in Texas Flaring as DCP Midstream Plant Continues to Be Unable to Accept Produced Gas June 27-28**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=156174>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=156175>

## **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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