



# ENERGY ASSURANCE DAILY

Thursday Evening, April 21, 2011

## *Electricity*

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### **Update: Scattered Outages Remain Following April 19-20 Storms across Central U.S.**

On the morning of April 21, MLGW reported 21,000 customers remain without power in Tennessee (down from a peak of 64,000), while Ameren reported 14,433 customers are still in the dark in Illinois (down from a peak of 82,092). Other affected utilities reported only scattered outages of fewer than 10,000 customers each. To see a full list of affected utilities, see yesterday's Energy Assurance Daily.

MLGW: [http://www.mlgw.com/SubView.php?key=about\\_newsreleases&chunkid=379](http://www.mlgw.com/SubView.php?key=about_newsreleases&chunkid=379)

Ameren (Illinois): <http://www.illinoisoutage.com/go/doc/1787/1070571/>

### **Southern's 1,152 MW Vogtle Nuclear Unit 1 in Georgia Shut on April 20**

The unit automatically tripped the evening of April 20, and is currently in hot standby mode. According to a filing with the Nuclear Regulatory Commission (NRC), the cause of the unit trip is under investigation. The NRC reported that on the morning of April 20 the unit was operating at full power. Unit 2 was not impacted.

Reuters, 11:11 April 21, 2011

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110421en.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: Progress Energy's 811 MW Brunswick Nuclear Unit 2 in North Carolina Ramped Up to 22 Percent by April 21**

The unit had exited a refueling outage on April 14, but was shut for unspecified work on April 18. The Nuclear Regulatory Commission reported that on the morning of April 20 the unit was not operating.

Reuters, 07:49 April 21, 2011

Information also derived from the NRC Power Reactor Status Reports:

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

### **PG&E's 1,150 MW Diablo Canyon Nuclear Unit 1 in California Reduced by April 20**

According to the California Independent System Operator, the unit reported an unplanned curtailment of 196 MW, or 17 percent. However, the Nuclear Regulatory Commission reported on the morning of April 20 the unit was reduced by 15 percent.

<http://www.caiso.com/unitstatus/data/unitstatus201104201515.html>

Information also derived from the NRC Power Reactor Status Reports:

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

### **AES's 506 MW Redondo Gas-Fired Unit 7 in California Shut by April 20**

According to the California Independent System Operator, the unit reported an unplanned outage by April 20.

<http://www.caiso.com/unitstatus/data/unitstatus201104201515.html>

### **Mountainview Power's 525 MW Mountainview Gas-Fired Unit 3 in California Returns to Service by April 20**

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

<http://www.caiso.com/unitstatus/data/unitstatus201104201515.html>

## **Calpine's 376 MW Inland Empire Gas-Fired Unit 1 in California Returns to Service by April 20**

According to the California Independent System Operator, the unit reported a return from an unplanned outage.  
<http://www.caiso.com/unitstatus/data/unitstatus201104201515.html>

## **Update: AES's 336 MW Alamitos Gas-Fired Unit 4 in California Returns to Service by April 20**

According to the California Independent System Operator, the unit reported a return from an unplanned outage.  
<http://www.caiso.com/unitstatus/data/unitstatus201104201515.html>

## **AES's 225 MW Huntington Beach Gas-Fired Unit 3 in California Shut by April 20**

According to the California Independent System Operator, the unit reported an unplanned outage by April 20.  
<http://www.caiso.com/unitstatus/data/unitstatus201104201515.html>

## **Update: Georgia Court Orders State EPD on April 19 to Reconsider Permit Issued to LS Power's Proposed 1,200 MW Longleaf Coal-Fired Power Plant in Blakely, Georgia**

According to the court, the Georgia Environmental Protection Division (EPD) did not do enough to limit air pollution from the plant.

<http://www.ens-newsire.com/ens/apr2011/2011-04-20-092.html>

## **NRC Task Force to Analyze Lessons Learned from Nuclear Situation in Japan**

According to a letter from the director of the Nuclear Regulatory Commission's (NRC's) Office of Nuclear Reactor Regulation, the proposed task force will investigate possible changes to programs and regulations in order to "enhance protection of public health and safety and the environment."

[http://www.midhudsonnews.com/News/2011/April/20/NRC\\_nuke\\_safety-20Apr11.html](http://www.midhudsonnews.com/News/2011/April/20/NRC_nuke_safety-20Apr11.html)

## ***Petroleum***

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### **U.S. Export-Import Bank Gives Preliminary Approval to \$2.84 Billion in Direct Loans and Loan Guarantees for Upgrades at Reficar's Refinery in Cartagena, Colombia April 7**

Refinería de Cartagena (Reficar) is planning a \$5.18 billion refinery and upgrade project in Cartagena to supply petroleum products to the domestic and export markets.

<http://www.exim.gov/pressrelease.cfm/31FCC63B-95C6-BE96-BFACF12DD5C9C502/>

### **Update: Wolverine Pipeline Says Michigan Terminal Spilled 126,000 Gallons of Gasoline Last Week**

The gasoline leaked from a Marathon Pipeline tanker at the company's terminal. About 6,000 gallons were recovered from the leak.

Reuters, 15:32 April 20, 2011

### **Update: ExxonMobil's 238,600 b/d Joliet, Illinois Refinery Returns to Normal Operations**

The company had reported a malfunction of a fluid catalytic cracking (FCC) unit one day earlier. However, area traders questioned whether the unit had in fact been restarted.

<http://in.reuters.com/article/2011/04/20/refinery-operations-exxon-joliet-idINN2018163720110420>

## ***Natural Gas***

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### **Chesapeake Energy-Owned Natural Gas Well near Canton, Pennsylvania Spills Thousands of Gallons of Drilling Fluid April 19-20**

The company lost control of the Marcellus Shale well due to an equipment failure late on April 19. Seven families were relocated as a precaution, but there were no reports of fires or explosions.

<http://www.poconorecord.com/apps/pbcs.dll/article?AID=/20110420/NEWS90/110429982/-1/rss01>

<http://www.reuters.com/article/2011/04/21/us-chesapeake-spill-idUSTRE73J6D820110421>

## Energy Transfer Partners Plans New Gas Gathering, Processing, and Liquids Services in Texas April 21

The planned Jackson County gas processing plant will have approximately 600 MMcf/d of capacity and can be expanded to 800 MMcf/d. The plant is scheduled for completion in the first quarter of 2013. There will also be an expansion of the company's Rich Eagle Ford Mainline (REM) pipeline in Texas. The REM pipeline expansion will add roughly 70 miles of 36-inch pipe to the initial 160-mile, 30-inch REM pipeline that was announced in February 2011. When fully constructed, the company's REM pipeline will consist of approximately 230 miles of 30-inch and 36-inch pipe with a capacity of at least 600 MMcf/d. Completion of the initial phase of REM remains scheduled for the fourth quarter of 2011 and completion of the REM expansion is scheduled for the first quarter of 2013.

[http://www.energytransfer.com/press\\_release.aspx?idPressRelease=372](http://www.energytransfer.com/press_release.aspx?idPressRelease=372)

## Other News

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Nothing to report.

## Energy Prices

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U.S. Oil and Gas Prices			
April 21, 2011			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	111.12	107.37	83.12
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.33	4.14	3.93

Source: Reuters

## Energy Notes

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### Squirrel Comes Into Contact with Transformer, Briefly Knocking out Power to 17,000 Hydro One Customers in Kingston, Ontario April 19

<http://www.thewhig.com/ArticleDisplay.aspx?e=3089395>

### Energy Secretary Chu Announces \$130 Million Investment from the Advanced Research Projects Agency-Energy (ARPA-E) to Develop New Energy Technologies, Including up to \$30 Million to Develop Substitutes to Reduce Dependence on Rare Earths

<http://www.energy.gov/news/10283.htm>

### Update: Operators Retract April 12 NRC Notification Regarding Potential for Flooding at OPPD's 478 MW Fort Calhoun Nuclear Unit in Nebraska April 20 – The Incident Was Determined to Be “Not Reportable”

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110421en.html>

<http://www.krvn.com/news/index/fc272271-00ac-4e30-935f-14aed0b7c06e>

### Update: PNM Dedicates 2 MW Albuquerque Solar Energy Center April 20, the First Stage in the Company's Plans to Add a Total of 22 MW of Solar Power in New Mexico by the End of 2011

[http://www.pnm.com/news/2011/0420\\_abq\\_solar\\_dedication.htm](http://www.pnm.com/news/2011/0420_abq_solar_dedication.htm)

[http://www.forbes.com/feeds/ap/2011/04/21/business-nm-pnm-solar-plant\\_8428520.html](http://www.forbes.com/feeds/ap/2011/04/21/business-nm-pnm-solar-plant_8428520.html)

**Update: Arkansas Oil and Gas Commission Says Chesapeake Energy and Clarita Operating Agree to Extend Natural Gas Injection Well Shutdowns while Researchers Study a Possible Link to Increased Numbers of Earthquakes in Central Arkansas**

<http://www.google.com/hostednews/ap/article/ALeqM5jT0KBzUAzZ3dJcaX9R-TIu2AuS1A?docId=cbb406fc6332437a8297502438d2dcbf>

**Fire Breaks Out for Unknown Reason on Maersk Oil Qatar-Operated AD Accommodation Platform in the Al Shaheen Field near Qatar April 21**

[http://www.rigzone.com/news/article.asp?a\\_id=106371](http://www.rigzone.com/news/article.asp?a_id=106371)

**U.S. Highway Travel and Vehicle Miles Rise in February despite Gasoline Prices Increasing 28 Cents per Gallon during the Month**

<http://uk.reuters.com/article/2011/04/20/usa-highway-travel-idUKN2015668720110420>

**U.S. Distillate Fuel Demand Rises 11.3 Percent Year-over-Year in March to 4.277 Million b/d: API**

<http://af.reuters.com/article/energyOilNews/idAFN2125861520110421>

**Update: Despite NRG Pulling Out of the Joint Venture, Toshiba Is Still Pursuing a License to Build New Nuclear Reactors in Texas**

<http://www.foxbusiness.com/industries/2011/04/21/toshiba-seeks-nuclear-licensebut-texas-plan-deal-official/>

**Pembina Restores Syncrude Oil Pipeline Following Power Failure at Line's First Pump Station April 20**

Bloomberg, 20:16 April 20, 2011

**Four Points Along 13,700-Mile, 7.2 Bcf/d, Texas-to-New England Tennessee Gas Pipeline Shut as El Paso Investigates Possible Leak from Segment in Louisiana's Bay Marchand**

Bloomberg, 13:56 April 21, 2011

**Chevron Shuts Hydrogen Unit at 360,000 b/d Pascagoula Refinery in Mississippi**

Bloomberg, 20:43 April 20, 2011

**Unit Shutdown at Emperor Compressor Station Causes Keystone Gas Plant in Texas to Flare April 20**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=153582>

**“E4-301-4” Unit Shut to Replace Valves at Wasson CO2 Removal Plant in Texas April 20**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=153577>

**Turbine, SRU Shut and Restart at Goldsmith Gas Plant in Texas April 20**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=153578>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=153579>

## **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**

*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. EST. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:  
<http://www.oe.netl.doe.gov/ead.aspx>

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