



# ENERGY ASSURANCE DAILY

Monday Evening, April 25, 2011

## *Electricity*

---

### **Tornadoes, Storms Damage Homes and Airport, Knock Out Power to 47,000 Ameren Customers in Missouri April 22**

Tornadoes and storms damaged 1,627 homes and more than 1,000 utility poles, forced shut the Lambert-St. Louis International Airport, and knocked out electricity to 47,000 Ameren customers in Missouri on April 22, news, company, official sources reported. The airport, though still damaged, resumed inbound flights on April 23 and outbound flights on April 24. The facility was operating at 90 percent capacity on April 25; the airport's director expected the site to return to full capacity on April 26. Ameren expected restoration work to continue for at least three days, as of April 24. Some 7,185 customers remained without power, as of latest reports.

<http://ameren.mediaroom.com/index.php?s=43&item=926>

<http://ameren.mediaroom.com/index.php?s=43&item=927>

<http://apps.ameren.com/outage/OutageMap.aspx?state=MO>

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

[http://www.stltoday.com/news/local/metro/article\\_18d3ec5b-bdfa-52f5-81d2-bb17fd0dcaeb.html](http://www.stltoday.com/news/local/metro/article_18d3ec5b-bdfa-52f5-81d2-bb17fd0dcaeb.html)

<http://www.ksdk.com/news/article/256188/3/Lambert-St-Louis-Airport-operates-at-90-percent>

<http://www.citytalk.fm/Article.asp?id=2168844&spid=25213>

### **Winds, Storm Knocks Out Power to 44,000 Oncor Customers in Texas April 24**

Some 4,190 customers were without power, as of latest reports.

<http://www.star-telegram.com/2011/04/24/3022871/heavy-rain-and-hail-possible-for.html>

<https://maps.oncor.com/summary.asp>

### **Intermountain's 900 MW Intermountain Coal-Fired Unit 1 in Utah Shut by April 24**

According to the California Independent System Operator, the unit reported an unplanned outage by April 24.

<http://www.caiso.com/unitstatus/data/unitstatus201104241515.html>

### **Update: AES's 506 MW Redondo Gas-Fired Unit 7 in California Ramps up by April 22**

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment of 375 MW.

<http://www.caiso.com/unitstatus/data/unitstatus201104221515.html>

### **Calpine's 561 MW Los Medanos Gas-Fired Unit in California Ramps up by April 22**

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment of 298 MW.

<http://www.caiso.com/unitstatus/data/unitstatus201104221515.html>

### **Update: AES's 225 MW Huntington Beach Gas-Fired Unit 3 in California Returns to Service by April 22**

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

<http://www.caiso.com/unitstatus/data/unitstatus201104221515.html>

### **AES's 227 MW Huntington Beach Gas-Fired Unit 4 in California Reduced by April 23**

According to the California Independent System Operator, the unit reported an unplanned curtailment of 136 MW by April 23.

<http://www.caiso.com/unitstatus/data/unitstatus201104231515.html>

### **Update: Ace Cogeneration's 118 MW Ace Cogeneration Coal-Fired Unit in California Returns to Service by April 23**

According to the California Independent System Operator, the unit reported a return from an unplanned outage.  
<http://www.caiso.com/unitstatus/data/unitstatus201104231515.html>

### **Duke Energy's 1,129 MW Catawba Nuclear Unit 1 in South Carolina Shut by April 24**

The Nuclear Regulatory Commission reported that the unit was operating at 94 percent power on the morning of April 22 and 15 percent power on the morning of April 23.

Information derived from the NRC Power Reactor Status Reports:

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

### **Update: After Apparent Tornado, Dominion Returns 810 MW Surry Nuclear Unit 1 in Virginia to 99 Percent Power by April 25**

An apparent tornado touched down on the switchyard supporting the plant and its access road on April 16, cutting off electrical feed from the grid to the station and forcing offline both of the facility's units, Dominion Virginia Power said previously in a press release. The company returned the 810 MW Unit 1 to 64 percent power by April 24 and 99 percent power by April 25. The 815 MW Unit 2 was offline for refueling, as of latest reports.

<http://dom.mediaroom.com/index.php?s=43&item=980>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110418en.html>

Reuters, 08:59 April 25, 2011

Information also derived from the NRC Power Reactor Status Reports:

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

### **Update: Southern's 1,152 MW Vogtle Nuclear Unit 1 in Georgia Ramped Up to 30 Percent by April 25**

A failed breaker caused the unit to shut automatically on April 20, Southern Company said on April 22. The Nuclear Regulatory Commission reported that on the morning of April 24 the unit was operating at 4 percent.

<http://edition.cnn.com/2011/US/04/22/georgia.nuclear.plant/index.html>

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

Information derived from the NRC Power Reactor Status Reports:

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

### **Update: PSE&G's 1,096 MW Salem Nuclear Unit 1 in New Jersey Reduced to 8 Percent by April 25**

PSE&G shut the unit on April 21 "due to a loss of circulating water pumps from heavy grassing at the circulating water intake," according to an earlier filing with the Nuclear Regulatory Commission (NRC). The company returned the unit to 18 percent power by April 23 and 63 percent power by April 24, but reduced the unit to 8 percent by this morning, the NRC reported. It was not clear if the reduction was related to the previous outage.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110422en.html>

Information also derived from the NRC Power Reactor Status Reports:

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

### **Xcel to Restart 347 MW Harrington Coal-Fired Unit 2 in Texas April 25 – May 13**

Xcel Energy expected to restart the unit on April 25 – May 13 "after a maintenance outage for boiler work, a low pressure turbine overhaul, baghouse bag replacements and other maintenance activities, as needed," the company said in a filing with state regulators.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=153112>

### **LG&E, Kentucky Utilities Could Retire 979 MW of Coal-Fired Capacity in Kentucky within Five Years**

Louisville Gas and Electric Co. (LG&E) and Kentucky Utilities (KU) could close 979 MW of coal-fired capacity in Kentucky within five years, the companies said in documents filed recently within the state's Public Service Commission (PSC). The companies would shut units at three plants: LG&E's Cane Run facility, KU's Green River facility, and KU's Tyrone facility.

<http://www.courier-journal.com/article/20110424/NEWS01/304240086/-1/rsslink>

[http://www.lge-ku.com/ku/ku\\_plant\\_info.asp](http://www.lge-ku.com/ku/ku_plant_info.asp)

### **Possible Leak Leads Kinder Morgan to Shut 300,000 b/d, 715-Mile, Alberta-to-British Columbia and U.S. Northwest Trans Mountain Oil-and-Oil Product Pipeline April 22**

Kinder Morgan Energy Partners LP shut the line on April 22 after a small quantity of "product seep" was discovered west of Edmonton, a company spokesman said. The company was working to determine if the seep was "from a current release or historic incident." The affected line delivers crude oil and oil products from Edmonton, Alberta to British Columbia, according to the company's website. It delivers crude oil and condensates to multiple refineries in the northwestern United States. At least one of those refineries – Tesoro's 125,000 b/d Anacortes, Washington facility – said the incident had not impacted the facility. It remained unclear, as of April 25, if any of the other refineries had experienced disruptions. Kinder Morgan had not said when it expected to restart the pipeline, as of latest reports.

<http://online.wsj.com/article/SB10001424052748704132204576284951013449130.html>

<http://www.vancouversun.com/Kinder+Morgan+shuts+down+Trans+Mountain+pipeline+possible+leak/4671098/story.html>

<http://www.kindermorgan.com/business/canada/transmountain.cfm>

Reuters, 11:46 April 25, 2011

DJN, 11:14 April 25, 2011

### **Lightning Strike Suspected to Blame for Fire at Holly's 125,000 b/d Tulsa, Oklahoma Refinery April 22**

The fire occurred at a storage tank containing "slop oil" and water, a local news source reported. The incident did not impact any other operations. On-site responders controlled the blaze and there were no injuries.

<http://online.wsj.com/article/BT-CO-20110424-701191.html>

### **Power Disruption Causes Compressor Trip at ConocoPhillips' 362,000 b/d Wood River, Illinois Refinery April 22**

It was not clear if the incident had any impact on production.

Reuters, 20:53 April 24, 2011

### **Houston Refining Reduces Rates after FCC Snag at 270,600 b/d Houston, Texas Refinery April 22**

Houston Refining "reduced rate" after an upset at a fluid catalytic cracking (FCC) unit led to flaring on April 22, the company said in a filing with state regulators. It was not clear when the company expected to resume normal operations.

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=153656>

<http://www.bloomberg.com/news/2011-04-23/houston-refining-reports-emission-event-at-texas-plant.html>

### **Valero Begins Restarting 30,000 b/d Hydrocracker at 170,000 b/d McKee, Texas Refinery by April 25**

The company began maintenance at the unit on April 1.

[http://www.nasdaq.com/asp/stock-market-news-](http://www.nasdaq.com/asp/stock-market-news-story.aspx?storyid=201104251229dowjonesdjonline000115&title=valeromckee-texas-refinery-hydrocracker-unit-is-restarting)

[story.aspx?storyid=201104251229dowjonesdjonline000115&title=valeromckee-texas-refinery-hydrocracker-unit-is-restarting](http://www.nasdaq.com/asp/stock-market-news-story.aspx?storyid=201104251229dowjonesdjonline000115&title=valeromckee-texas-refinery-hydrocracker-unit-is-restarting)

### **ConocoPhillips Investigating Flaring, SO2 Release at 139,000 b/d Carson, California Refinery**

Flaring led to a sulfur dioxide release at the facility on April 24, but the cause was unknown, according to a filing with state regulators. The company was investigating the incident, the filing said. It was not clear if there was any impact on production.

<http://www.oes.ca.gov/Operational/MALHaz.nsf/f1841a103c102734882563e200760c4a/14c790155ca26f1d8825787d00060d31?OpenDocument>

<http://online.wsj.com/article/BT-CO-20110424-702064.html>

### **Update: After Power Trip, Tesoro Restarts Process Unit at 135,000 b/d Wilmington, California Refinery by April 25**

Tesoro returned an unspecified unit to “targeted rates” after a power trip forced shut the unit last week, a company spokesman said on April 25. The spokesman did not identify the unit, but traders said a hydrocracker had gone offline.

DJN, 12:43 April 25, 2011

### **Storm-Induced Power Failures Trigger Releases at Coffeyville Resources’ 115,700 b/d Coffeyville, Kansas Refinery by April 25**

Thunderstorms caused power failures that led the facility to release hydrogen sulfide and sulfur dioxide, according to a regulatory filing. It was not clear if the incident had any impact on production.

<http://www.bloomberg.com/news/2011-04-25/top-oil-market-news-oil-rises-a-fourth-day-hedge-funds-buy-gas.html>

### **Update: After Early-April Attack, Rebel-Controlled Oilfields Remain Offline in Libya April 24 – Rebels Need Four Weeks to Evaluate Damage**

Libyan rebels need four weeks to evaluate conditions at the Sarir and Mesla oilfields, a rebel official said on April 24, after pro-Gadhafi forces damaged the fields in an early-April attack. The fields produced 400,000 b/d, combined, prior to the conflict in Libya.

<http://www.platts.com/RSSFeedDetailedNews/RSSFeed/Oil/6023989>

## ***Natural Gas***

---

Nothing to report.

## ***Other News***

---

### **Update: AE Biofuels to Begin Production this Week at Cilion-Owned 55 MMGal/Yr. Ethanol Plant in Keyes, California**

Economic conditions led Cilion Inc. to shut the plant in 2008. Cilion still owns the plant, but AE Biofuels will operate the facility under a lease. AE Biofuels is expected to ramp up the facility to full production in a few months, according to a local news source.

<http://www.modbee.com/2011/04/23/1657911/ethanol-plant-is-back-in-business.html>

<http://www.ethanolproducer.com/articles/7708/ae-biofuels-gets-grant-for-co-located-cellulosic-pilot-plant>

## ***Energy Prices***

---

<b>U.S. Oil and Gas Prices</b>			
April 25, 2011			
	<b>Today</b>	<b>Week Ago</b>	<b>Year Ago</b>
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	111.71	106.92	83.73
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.37	4.23	3.95

Source: Reuters

**Lightning Strikes Transformer, Knocking Out Power for Approximately Two Hours to 11,189 Atlantic City Electric Customers in New Jersey April 24**

<http://www.atlanticcityelectric.com/home/emergency/maps/stormcenter/default.aspx>

[http://www.pressofatlanticcity.com/news/breaking/power-restored-to-in-atlantic-county/article\\_da425d68-6ec7-11e0-9885-001cc4c002e0.html](http://www.pressofatlanticcity.com/news/breaking/power-restored-to-in-atlantic-county/article_da425d68-6ec7-11e0-9885-001cc4c002e0.html)

**Storms Cut Electricity to More than 10,800 OG&E Customers in Oklahoma April 24**

<http://public.oge.com/systemwatch/SystemWatch.swf?startMapID=1>

<http://www.4029tv.com/r/27652948/detail.html>

**Fan Malfunction Knocks Offline WAPA's 42 MW Gas-Fired Unit 23 in St. Thomas, U.S. Virgin Islands April 22 – Load Increase Leads to Shutdown at 22.5 MW Gas-Fired Unit**

<http://virginislandsdailynews.com/news/fan-causes-power-outage-on-st-thomas-1.1136637#axzz1KVI32BBk>

**Exelon to Begin Construction by Early 2012 on Spent Fuel Storage Facility for Clinton Nuclear Power Plant in Illinois – Company Expects Above-Ground Facility to Account for Plant's Spent Fuel through 2026**

<http://www.whbf.com/Global/story.asp?S=14504664>

**Two Men Arrested for Allegedly Attempting to Steal Copper Ground Wire from Salt River Project Plant in Superior, Arizona April 17**

[http://www.abc15.com/dpp/news/region\\_central\\_southern\\_az/other/sheriff%27s-deputies-arrest-men-for-trespassing,-burglary-at-superior-srp-plant](http://www.abc15.com/dpp/news/region_central_southern_az/other/sheriff%27s-deputies-arrest-men-for-trespassing,-burglary-at-superior-srp-plant)

**Magellan Midstream Partners Says Diesel Pipeline in Missouri "Operating Normally" on April 25 after "False Alarm" of Potential 3,000-Barrel Diesel Leak April 22**

<http://www.bloomberg.com/news/2011-04-25/magellan-diesel-pipeline-leak-in-missouri-was-false-alarm-1-.html>

**Amid High Gas Prices, Economic Recovery, Hybrid and Clean Diesel Vehicle Sales Rise 46 Percent in March 2011, Compared to 2010, Baum and Associates Reports – Increase was about Three Times Higher than Rise in Overall Car Market**

<http://www.prnewswire.com/news-releases/hybrid-clean-diesel-car-sales-now-growing-nearly-three-times-as-fast-as-rest-of-auto-market-120614254.html>

**Natural Gas Leak Prompts Temporary Local Evacuation in Portsmouth, New Hampshire April 21**

<http://www.seacoastonline.com/apps/pbcs.dll/article?AID=/20110422/NEWS/104220392/-1/NEWSMAP>

**Update: Chesapeake Energy, Clarita Operating Agree to Extend Injection Well Shutdowns in Arkansas Until May 24 Meeting of State's Oil and Gas Commission – Researchers Investigating Whether Wells are Connected to Recent Spate of Earthquakes**

<http://www.lasvegassun.com/news/2011/apr/23/us-arkansas-earthquakes/>

**Delmarva Reports 11,938 Customers without Power in Delaware April 25 – Scattered Outages Remain, as of Latest Reports**

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

**Entergy Reports 10,823 Customers without Power in Louisiana April 24 – Scattered Outages Remain, as of Latest Reports**

<http://viewoutage.entergy.com/la.aspx>

**Total Adjusts “Flows to the Flare Gas Recovery” System after Imbalance, Flaring at 232,000 b/d Port Arthur, Texas Refinery April 21**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=153654>

**Turbine Shuts, Restarts Twice at Goldsmith Gas Plant in Texas April 22 and April 23 – Separate Turbine Shuts, Restarts at Facility April 24**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=153662>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=153658>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=153666>

**AGI Compressor Shuts at Waha Gas Plant in Texas April 23 – Workers Repair Lubricator, Restart Compressor in Less Than Three Hours**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=153664>

**Stuck Pig Leads to Emissions Event at Keystone Gas Plant in Texas April 23-24**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=153663>

**Bureaucratic Issues Related to Pipeline Access Could Reduce Russian Oil Exports: Industry Sources**

Reuters, 11:42 April 25, 2011

**Fuel Leak Triggers Explosion at Pemex’s Salamanca, Mexico City Refinery by April 25 – Company Expects No Impact on Production**

<http://www.bloomberg.com/news/2011-04-25/top-oil-market-news-oil-rises-a-fourth-day-hedge-funds-buy-gas.html>

**ExxonMobil Subsidiary Expects to Recover 450 Million Barrels-Plus of Oil from Banyu Urip Oilfield in Indonesia**

Reuters, 01:17 April 25, 2011

**Update: Despite Faulty Valves, Transneft to Open Russia-to-Asia East Siberia-Pacific Ocean Oil Pipeline at End of 2012 – Company Said Previously that Faulty Valves Delay Opening by as Much as One Year**

Reuters, 07:32 April 25, 2011

**Update: JX Nippon Oil and Energy to Restart Earthquake-Downed Kashima Refinery by End of June 2011**

Reuters, 04:15 April 25, 2011

## **Links**

---

***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>

*Please direct comments and questions to: [ead@oe.netl.doe.gov](mailto:ead@oe.netl.doe.gov)*