



# ENERGY ASSURANCE DAILY

Wednesday Evening, October 14, 2009

## Major Developments

### Storms Cut Power to more than 400,000 Customers in California October 13-14—CAISO Declares and Cancels Transmission Emergency after Storms down Power Line October 13

Winds and rain cut power to an estimated 412,500 customers in California on October 13-14, but utilities restored service to all but about 107,449 by October 14, multiple sources said. PG&E, the hardest-hit utility, expected to restore power to most affected customers on October 14-15, but said some customers could remain in the dark for a few days. The Sacramento Municipal Utility District expected to return power to all its impacted customers by late October 15. The California Independent System Operator (CAISO) declared—and later canceled—a transmission emergency due to a downed 500-kV power line on October 13. The line’s shutdown reduced flows by about one-third along Path 15, “a major transmission link between Northern and Southern California,” CAISO said. CAISO asked customers to conserve electricity, but later canceled the emergency, citing newly-available transmission capacity. The line remained offline, as of latest reports. The following table lists peak and current outage figures, based on latest available data.

California Customer Power Outages			
October 13 – October 14			
Electric Utility	State	Peak	Latest Reported
Pacific Gas & Electric	CA	277,000	63,000
Sacramento Municipal Utility District	CA	90,000	10,449
Southern California Edison	CA	19,500	19,500
LADWP	CA	26,000	14,500
<b>TOTAL*</b>		<b>412,500</b>	<b>107,449</b>

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

Sources:

- PG&E: <http://www.pge.com/myhome/edusafety/naturaldisaster/stormsoutagessafety/>
- <http://www.pressdemocrat.com/article/20091013/ARTICLES/910139916?Title=-No-heading->
- CAISO: <http://www.caiso.com/2446/2446e3c333810.pdf>
- <http://www.caiso.com/2447/244783365a560.pdf>
- SMUD: <http://www.smud.org/en/Pages/scattered-outages.aspx>
- <http://www.smud.org/en/power/Pages/index.aspx>
- <http://www.smud.org/en/Pages/storm-cleanup.aspx>
- <http://www.capradio.org/articles/articledetail.aspx?articleid=7229>
- SCE: <http://latimesblogs.latimes.com/lanow/2009/10/rain-storm.html>
- LADWP: <http://www.ladwpnews.com/go/doc/1475/354950/>
- <http://www.ladwpnews.com/go/doc/1475/354354/>
- <http://www.ladwpnews.com/go/doc/1475/354350/>
- <http://cbs2.com/tv/power.outages.dwp.2.1246768.html>

### **Downed Transmission Line Cuts Power Briefly to 75,000 Customers in Colorado, Wyoming and Nebraska October 13**

A transmission line outage cut power to 36,000 Cheyenne Light, Fuel and Power customers and 39,000 High West Energy customers in Wyoming, Nebraska and Colorado, news sources said. The companies restored power to most affected customers in less than two hours. The outage occurred after ice buildup knocked out transmission lines near a Cheyenne substation, according to a Cheyenne Light, Fuel and Power official. The downed power lines reduced Cheyenne's voltage beyond acceptable levels, and the Western Area Power Administration cut power to the area, pending resolution.

<http://www.9news.com/news/local/article.aspx?storyid=125025&catid=346>

<http://www.kulr8.com/news/wyoming/64181927.html>

### **Delta Energy Center's 861 MW Delta Energy Center Gas-fired Unit in California Shut by October 13**

According to the California Independent System Operator, the unit reported an unplanned outage by October 13.

<http://www.caiso.com/unitstatus/data/unitstatus200910131515.html>

### **SCE's 200 MW Eastwood Hydro Unit in California Shut by October 13**

According to the California Independent System Operator, the unit reported an unplanned outage by October 13.

<http://www.caiso.com/unitstatus/data/unitstatus200910131515.html>

### **Update: SCE&G's 966 MW Summer Nuke Unit in South Carolina Ramped Up to 55 Percent by October 14**

The unit shut due to an output breaker malfunction on October 2, a spokesman said previously. The Nuclear Regulatory Commission reported that on the morning of October 13 the unit was operating at 3 percent.

<http://www.reuters.com/article/rbssIndustryMaterialsUtilitiesNews/idUSN0531438420091005>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

### **Xcel Completes Coal-to-Gas Conversion and Expansion at 466 MW Riverside Power Plant in Minnesota by October 13**

Xcel planned to dedicate the newly-converted-and-expanded, gas-fired Riverside power plant in Minneapolis, Minnesota on October 13, it said in a release. The company converted the plant to run on gas, instead of coal, and increased its capacity from 386 MW to 466 MW, it said.

<http://www.xcelenergy.com/Company/Newsroom/Pages/NewsRelease2009-10-08-XcelEnergyCompletesTwinCitiesMetroEmissionsReductionProject.aspx>

### **United States Could Install 60,000 MW of New Hydroelectric Power by 2025—National Hydropower Association**

The United States could install 60,000 MW of new hydroelectric power capacity by 2025 “through new technologies, efficiency improvements, and research and development,” the National Hydropower Association said in a study. Current U.S. hydropower capacity is 100,000 MW, according to the study.

[http://www.hydro.org/Jobs\\_Study09.php](http://www.hydro.org/Jobs_Study09.php)

### **Companies Plan Three 100 MW Wood-fired Power Plants in United States**

Three 100 MW wood-fired power plants are slated to come online in the United States in 2012, a news source said.

[http://www.usatoday.com/news/nation/2009-10-13-wood-power\\_N.htm](http://www.usatoday.com/news/nation/2009-10-13-wood-power_N.htm)

## ***Petroleum***

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### **Frontier Restarts 52,000 b/d Cheyenne, Wyoming Refinery after Power Outage October 13-14**

A power outage forced offline Frontier Oil Corp.'s 52,000 b/d Cheyenne, Wyoming refinery on October 13, but the company restarted all affected units by October 14, a spokeswoman said. The power failure lasted less than two hours, according to an official at Cheyenne Light, Fuel & Power.  
Bloomberg News, 10:54 October 14, 2009

### **Breakdown Triggers Flaring at Tesoro's 100,000 b/d Wilmington, California Refinery October 14**

A breakdown caused flaring at Tesoro's 100,000 b/d Wilmington, California refinery on October 14, but it was not clear if the incident had any impact to production. The refinery was already at reduced rates, at the time of the incident, due to a late-September fire, a news source said.  
Bloomberg News, 09:49 October 14, 2009

### **Murphy Oil Shuts SRU at 35,000 b/d Superior, Wisconsin Refinery October 11**

Murphy Oil Corp. shut a sulfur recovery unit (SRU) to fix a corroding exchanger, it said in a filing with state regulators. The company said it expected the repairs to take two and a half days.  
Bloomberg News, 16:44 October 13, 2009

### **BP to Restart ARU at 467,720 b/d Texas City, Texas Refinery October 14-17**

BP planned to restart an aromatic recovery unit (ARU) on the A side of its 467,720 b/d Texas City, Texas refinery from October 14-17, the company said in a filing with state regulators. The filing did not say when the unit shut.  
<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=130667>

### **Teppco Halts Diesel-Product Loading, Citing Lubrication Additive Shortage in Ohio by October 14**

Teppco halted diesel-product loading at its Lebanon, Ohio terminal, citing a lack of a lubrication additive, it said in a notice. The company expected to receive new additive supplies late on October 15, it said.  
Bloomberg News, 11:10 October 14, 2009

### **Update: TransCanada's Keystone Pipeline to Enter Service First Quarter in 2010**

Filling TransCanada's 2,148-mile line will take approximately nine million barrels of crude oil and three months time. The Keystone Pipeline will transport crude oil from Hardisty, Alberta to U.S. Midwest markets at Wood River and Patoka, Illinois and to Cushing, Oklahoma  
<http://www.theglobeandmail.com/globe-investor/a-pipeline-so-big-itll-move-the-markets/article1322269/>  
[http://www.transcanada.com/keystone/keystone\\_pipeline.html](http://www.transcanada.com/keystone/keystone_pipeline.html)

### **Eni-led Consortium Plans 930,000 b/d Expansion at 195,000 b/d Zubair Oilfield in Iraq**

An Eni-led consortium plans to boost production to 1.125 million b/d over the next seven years at the existing 195,000 b/d Zubair oilfield in Iraq, the company said in a release.  
[http://www.eni.it/en\\_IT/media/press-releases/2009/10/2009-10-13-zubair-field.shtml](http://www.eni.it/en_IT/media/press-releases/2009/10/2009-10-13-zubair-field.shtml)

## ***Natural Gas***

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### **Update: Chevron Shelves Planned 1.3 Bcf/d Casotte LNG Terminal in Mississippi, Citing Economics**

Chevron shelved plans to construct the 1.3 Bcf/d Casotte liquefied natural gas (LNG) terminal in Mississippi, citing changed economic circumstances, a news source said.  
<http://intelligencepress.com/>

## Other News

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### Coal Train Derails in Texas October 9

Forty-four coal-carrying train cars derailed in Cleburne, Texas on October 9, spilling an unspecified quantity of coal and forcing shut the affected rail line, a news source said. The train was en route from Wyoming's Powder River Basin to Texas Genco's 3,000 MW W.A. Parish coal-fired Power Plant in Texas, according to the source. It was not yet known what caused the incident, a railway spokesman said.

<http://cbs11tv.com/wireapnewstx/Burlington.Northern.coal.2.1237928.html>

### Buffalo Ridge Ethanol Cancels Plans for 50 MMGal/Yr. Ethanol Plant in South Dakota

Buffalo Ridge Ethanol abandoned plans to construct a 50 MMGal/Yr. corn-based ethanol plant in South Dakota, saying it was unable to "come up with a reasonable business plan," a news source said.

[http://images.businessweek.com/ss/06/11/1102\\_luverne/source/9.htm](http://images.businessweek.com/ss/06/11/1102_luverne/source/9.htm)

<http://www.argusleader.com/article/20091013/UPDATES/91013032/-1/ENTERTAINMENT>

### Pearson Fuels Plans 55 E85 Ethanol Fuel Stations in California

Pearson Fuels received \$10.9 million in federal and state grants, and plans to open 55 new E85 ethanol fuel stations in California, a news source said.

[http://www.csnnews.com/csn/petroleum/article\\_display.jsp?vnu\\_content\\_id=1004021789](http://www.csnnews.com/csn/petroleum/article_display.jsp?vnu_content_id=1004021789)

## Energy Prices

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U.S. Oil and Gas Prices			
October 14, 2009			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	74.95	69.45	81.07
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.03	3.23	6.62

Source: Reuters

## Energy Notes

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### NRC Accepts Powertech Uranium Corp.'s Review Application for Planned Dewey Burdock Uranium Mine in South Dakota by October 13

<http://www.chadrad.com/newsstory.cfm?story=16109>

### Court Injunction Stalls Work on Berkshire Wind's Planned 15 MW Wind Farm in Massachusetts

[http://www.berkshireeagle.com/ci\\_13556223](http://www.berkshireeagle.com/ci_13556223)

### ComEd Plans to Install 140,000 Smart Meters in Illinois

<http://www.prnewswire.com/news-releases/us-department-of-energy-earmarks-5-million-for-comed-smart-grid-solar-pilot-64092272.html>

### TVA Files Plan to Prevent Recurrence of September 2009 Airborne Release at 1,456 MW Coal-fired Kingston Power Plant in Tennessee

<http://www.knoxnews.com/news/2009/oct/14/tva-filing-addresses-airborne-release/>

**Police Catch Attempted Copper Thieves in Massachusetts October 8—Pair Attempted to Take 500 Pounds of Copper from NStar Location**

<http://www.dailynewstribune.com/news/x838663070/Police-say-duo-stole-525-pounds-of-copper>

**Cooling Tower Flaring at Flint Hills 300,000 b/d Corpus Christi, Texas Refinery October 13-14**

Bloomberg News, 12:37 October 14, 2009

**Fuel Tanker Overturns, Spills Approximately 1,000 Gallons of Gasoline in Idaho October 12**

[http://www.magicvalley.com/news/local/article\\_51949089-220f-5e37-a152-0214610e5c60.html](http://www.magicvalley.com/news/local/article_51949089-220f-5e37-a152-0214610e5c60.html)

**ExxonMobil Says it May not Provide Fuel to Florida during Emergencies if State Does not Clarify Price Gouging Law**

<http://www.miamiherald.com/business/story/1281659.html>

[http://www.palmbeachpost.com/business/content/business/epaper/2009/10/12/a4b\\_gouging\\_1013.html](http://www.palmbeachpost.com/business/content/business/epaper/2009/10/12/a4b_gouging_1013.html)

**Oil Deliveries along Russia-to-Europe Druzhba Pipeline Suspended due to Ukrainian Power Outage by October 14**

Reuters, 04:38 October 14, 2009

**Operators to Shut High Pressure Vapor Recovery Unit on Bearing Failing at Anton CO2 Re-Injection Facility in Texas October 14**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=130669>

**Gasco Energy Says California Prospects Could Hold More than 900 Million Barrels of Oil and 2.0 Tcf of Natural Gas**

<http://www.prnewswire.com/news-releases/gasco-energy-introduces-new-california-oil-projects-64202862.html>

**Update: County Commission Postpones by Two Weeks Meeting to Decide on Recipient of Planned Fuel/Ethanol Terminal at Port Everglades in Florida—Magellan Midstream Partners among Companies Seeking to Construct 1.68 Million Barrel Storage Facility**

OPIS, 05:12 October 13, 2009

## **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

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<http://www.oe.netl.doe.gov/ead.aspx>

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