



# ENERGY ASSURANCE DAILY

Wednesday Evening, April 17, 2013

## Electricity

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### **California ISO Urges Electricity Conservation in San Jose Area April 16 After Gunshots Damage PG&E Transmission Substation**

Pacific Gas and Electric (PG&E) reported heavy damage to its Metcalf transmission substation in San Jose, California following gunshots heard during an apparent vandalism in the early morning hours of April 16. PG&E has not reported the number of transformers damaged. Santa Clara law enforcement is working closely with PG&E to investigate, and workers and fire crews are cleaning up hazardous materials, which could take several weeks. As a result of the incident, the California Independent System Operator (CAISO) issued a *Flex Alert* Tuesday, asking residents and businesses in the San Jose area, in particular in Santa Clara and Silicon Valley, to conserve electricity through midnight. Although no customers lost power due to the incident, CAISO warned Tuesday that additional equipment at the substation may be taken out-of-service as damage assessments continue, limiting transmission capability in this area of the high-voltage grid, which is why conservation was required. While no *Flex Alert* was issued for Wednesday, a spokesperson for CAISO said it is watching and assessing the “still delicate” situation.

[http://www.caiso.com/Documents/Flex-Alert-UrgentConservationNeededNow-SantaClara-SiliconValleyApr16\\_2013.pdf](http://www.caiso.com/Documents/Flex-Alert-UrgentConservationNeededNow-SantaClara-SiliconValleyApr16_2013.pdf)

<http://www.theglobeandmail.com/feeds/thomson-reuters/pge-begins-repairs-at-damaged-northern-california-substation/article11330887/?cmpid=rss1>

### **Southern’s 1,776 MW Farley Nuclear Unit 2 in Alabama Loses Emergency Preparedness Capabilities During Testing April 16**

Southern Nuclear Operating Co. reported to the Nuclear Regulatory Commission (NRC) that during performance of a “loss-of-offsite-power” test of Unit 2 at its Farley nuclear plant in Alabama, the unit experienced a complete loss of main control board annunciation, causing loss of emergency preparedness capabilities. Operators restored the annunciators, and the unit remains in stable condition. The cause of the failure was determined to be a relay in the annunciator power supply circuit.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20130417en.html>

### **First Energy Reports Pump Failure at Its 1,235 MW Perry Nuclear Unit 1 in Ohio During Refueling April 16**

First Energy Corp. reported that the emergency service water pump “A” at Unit 1 of its Perry nuclear plant in Ohio was inoperable on Tuesday due to an inability to maintain minimum flow requirements, leading to the Division 1 emergency diesel generator (EDG) being declared inoperable. The unit was already shut for refueling. Operators immediately suspended core alterations and initiated actions to restore the required EDG. They are currently investigating the failure of water pump “A”.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20130417en.html>

### **Sunvalley Solar to Install 129.5 KW Solar System in California April 17**

Sunvalley Solar, Inc. said Wednesday that it won a contract from Amerifreight, Inc. to install a 129.5 KW solar system, capable of generating 190,688 kWh of electrical power annually, at Amerifreight’s facility in City of Industry, California. Installation is scheduled to begin middle of 2013.

<http://finance.yahoo.com/news/sunvalley-solar-awarded-129-5kw-130000789.html>

### **Tri-State to Expand Capacity of Colorado Highland Wind Project to 91 MW**

Tri-State Generation and Transmission Association said Wednesday that it is expanding its 67 MW Colorado Highlands wind farm in Logan County to 91 MW. The expansion of the wind farm, which went into operation in December 2012, should be completed this fall.

<http://news.yahoo.com/wind-farm-colorado-expanding-153226458.html>

## **Update: Dynegy's 335 MW El Segundo Natural Gas-Fired Unit 3 in California Returns to Service by April 16**

The unit returned from an unplanned outage that began by April 3.

<http://content.aiso.com/unitstatus/data/unitstatus201304161515.html>

## ***Petroleum***

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### **Update: ExxonMobil Replaces Damaged Part of 90,000 b/d Pegasus Crude Oil Pipeline in Arkansas April 16; Arkansas Rep. Supports Moving Pipeline**

ExxonMobil Corp. said Tuesday that it removed and replaced a 52-foot section of its damaged Pegasus crude oil pipeline. The 90,000 b/d Pegasus pipeline ruptured on March 29, resulting in a 5,000-barrel oil spill in Mayflower, Arkansas. Arkansas State officials reported last week that the rupture was more than 22 feet long and 2 inches wide. The cause of the rupture is under investigation. Also on Tuesday, U.S. Rep. Tim Griffin sent a letter, supporting the Central Arkansas Water Board of Commissioners' request to move the pipeline away from the Lake Maumelle watershed, which provides drinking water for hundreds of thousands of people. The March 29 pipeline rupture did not occur in the Lake Maumelle watershed, and ExxonMobil says the spill didn't contaminate Mayflower's drinking water supply.

<http://www.kait8.com/story/21992113/ark-rep-backs-request-to-move-exxon-pipeline>

<http://www.reuters.com/article/2013/04/16/exxon-spill-pipeline-idUSWNB008RL20130416?feedType=RSS&feedName=industrialsSector&rpc=43>

### **Fire Breaks Out in Hydrotreater at ExxonMobil's 344,500 b/d Beaumont, Texas Refinery April 17, Injures 12**

ExxonMobil Corp. said Wednesday that 12 workers were injured when a fire broke out within a hydrotreater process unit that was down for maintenance at its 344,500 b/d refinery in Beaumont, Texas. The hydrotreater removes harmful substances from feedstock so motor fuels that are produced comply with federal environmental regulations. The company said the fire was quickly contained and it is investigating the cause.

<http://news.yahoo.com/exxon-puts-fire-process-unit-beaumont-texas-refinery-171852590.html>

<http://abclocal.go.com/ktrk/story?section=news/local&id=9068678>

## ***Natural Gas***

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### **Update: FERC Says Trunkline's Mainline Abandonment Project Will Not Significantly Impact Environment**

The Federal Energy Regulatory Commission (FERC) said Monday that Trunkline Gas Company's plans to abandon by transfer portions of its existing 100-1 and 100-2 looped pipeline systems and portions of compressor stations would have limited or no impact on the environment. As part of its project to convert a natural gas pipeline to carry crude oil, Trunkline would shut down 770 miles of natural gas transmission pipelines across several states and either abandon them or eventually convert them to transport crude oil from the Midwest to U.S. Gulf Coast refineries.

<http://www.elp.com/news/2013/04/16/ferc-issues-notice-of-availability-of-the-environmental-assessment-for-the-proposed-trunkline-mainli.html>

<http://elibrary.ferc.gov/idmws/search/advResults.asp>

## ***Other News***

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Nothing to report.

## ***International News***

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Nothing to report.

## Energy Prices

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U.S. Oil and Gas Prices			
April 17, 2013			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	86.65	94.06	102.61
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.21	4.08	1.89

Source: Reuters

## 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 ET every Wednesday.

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

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM ET every Thursday.

### ENERGY ASSURANCE DAILY

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

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