



# ENERGY ASSURANCE DAILY

Thursday Evening, October 22, 2009

## **Electricity**

---

### **PG&E's 404 MW Helms Hydro Unit 3 in California Shut by October 21**

According to the California Independent System Operator, the unit reported an unplanned outage by October 21.  
<http://www.caiso.com/unitstatus/data/unitstatus200910211515.html>

### **Update: FPL's 839 MW Saint Lucie Nuke Unit 1 in Florida at Full Power by October 22**

FPL slowed the unit for pump work by October 20, a news source said. The Nuclear Regulatory Commission reported that on the morning of October 21 the unit was operating at 45 percent.

<http://www.reuters.com/article/rbssIndustryMaterialsUtilitiesNews/idUSN2253393720091022>

Information also derived from the NRC Power Reactor Status Reports:

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

### **Update: City Council Rejects SCS Energy's Planned 750 MW "PurGen One" Coal-fired Power Plant in New Jersey—Impact on Project Unclear**

The Linden city council voted against a memorandum of understanding for SCS Energy's planned 750 MW "PurGen One" coal-gasification power facility and carbon capture system in New Jersey on October 20, a news source said. SCS Energy had planned to capture the plant's carbon emissions for burial under the ocean. At least one council member cited health and safety concerns in his decision to reject the plant. Another council member, however, said Linden's rejection was unlikely to hinder SCS Energy's plans; if Linden denied the project, he said, another New Jersey city would likely welcome it.

<http://www.scsenergylc.com/scsprojects.php>

[http://www.nj.com/news/index.ssf/2009/04/proposed\\_facility\\_in\\_linden\\_wo.html](http://www.nj.com/news/index.ssf/2009/04/proposed_facility_in_linden_wo.html)

[http://www.nj.com/news/local/index.ssf/2009/10/linden\\_council\\_nixes\\_deal\\_with.html](http://www.nj.com/news/local/index.ssf/2009/10/linden_council_nixes_deal_with.html)

### **NRG Energy to Shutter Two Coal-fired Units at 784 MW Indian River Power Plant in Delaware**

The state Department of Natural Resources and Environmental Control (DNREC) approved NRG Energy's plans to shut Units 1 and 2 and install pollution-control equipment on Units 3 and 4 at its 784 MW Indian River coal-fired power plant in Delaware, the DNREC said in a release. NRG expects to shutter Unit 1 by May 1, 2011 and Unit 2 by May 1, 2010, according to the DNREC.

[http://www.dnrec.delaware.gov/News/Pages/DNREC\\_Secretary\\_approves\\_plan\\_for\\_largest\\_improvement\\_in\\_air\\_quality\\_in\\_Delaware\\_history.aspx](http://www.dnrec.delaware.gov/News/Pages/DNREC_Secretary_approves_plan_for_largest_improvement_in_air_quality_in_Delaware_history.aspx)

### **Capital Power Abandons Plans for 270 MW Coal-Gasification Power Plant in Alberta**

Capital Power canceled its plans to construct a 270 MW coal-to-gas-fired power plant in Alberta, citing economic conditions, a company official said. The facility would have captured most of its carbon emissions.

<http://www.edmontonjournal.com/technology/Capital+Power+nixes+coal+project/2130505/story.html>

## **Petroleum**

---

### **Power Failure, Fire at Tesoro's 58,000 b/d Salt Lake City, Utah Refinery October 21**

An oil leak triggered a fire at Tesoro's 58,000 b/d Salt Lake City, Utah refinery on October 21, a fire department spokesman said. Firefighters extinguished the blaze, and no injuries were reported. Operators had been restarting an ultraformer—down due to an afternoon power failure—at the time of the incident. The company planned to keep the unit offline for about two days as it investigated the event, a refinery official said. He did not expect the shutdown to impact customer deliveries.

<http://www.reuters.com/article/BROKER/idUSN2252485420091022>

DJN, 12:30 October 22, 2009

Bloomberg News, 02:24 October 22, 2009

### **Update: Valero Ramping up Hydrocracker at 315,000 b/d Corpus Christi, Texas Refinery October 22**

Valero was returning a hydrocracker to planned rates at its 315,000 b/d Corpus Christi, Texas refinery on October 22, a company spokesman said, after a fire forced the unit offline on October 7. The company began restarting the unit last weekend, according to a news source.

Reuters, 09:11 October 22, 2009

## **Natural Gas**

---

### **Update: Sempra Energy Dedicates 1.5 Bcf/d Cameron LNG Terminal in Louisiana October 21**

Sempra Energy's chief executive, Louisiana Governor Bobby Jindal and others dedicated Sempra Energy's 1.5 Bcf/d Cameron liquefied natural gas (LNG) terminal near Lake Charles, Louisiana on October 21, the company said in a release. The site began commercial operations on July 30.

[http://public.sempra.com/newsreleases/viewPR.cfm?PR\\_ID=2415&Co\\_Short\\_Nm=SE](http://public.sempra.com/newsreleases/viewPR.cfm?PR_ID=2415&Co_Short_Nm=SE)

### **Piedmont Natural Gas Plans Natural Gas Pipeline to Progress Energy Power Plant in North Carolina**

Piedmont Natural Gas plans to deliver natural gas to Progress Energy's planned gas-fired power plant in Wayne County, North Carolina via a 38-mile, 20-inch pipeline, the company said in a release. It expects to open the line by July, 2012.

<http://phx.corporate-ir.net/phoenix.zhtml?c=76635&p=irol-newsArticle&ID=1345298&highlight=>

## **Other News**

---

### **Decreased Costs, Government Incentives Increase Solar Power Appeal**

The average installed costs of U.S. solar photovoltaic power systems declined more than 30 percent from 1998 to 2008, from \$10.80 per watt in 1998 to \$7.50 per watt in 2008, the Department of Energy's (DOE) Lawrence Berkeley National Laboratory said in a study. Different factors, however, drove the price decline in the final year of the study. Berkeley Lab attributed the 1998-to-2007 decline largely to cost reductions in labor, marketing, overhead, inverters, and the balance of systems. It attributed the 2007-to-2008 dip, however, to increased production and economic conditions. The decreased costs, combined with federal and local incentives, have made solar power more attractive than ever, according to a news source. With incentives, it said, customers can save up to 90 percent on solar installations. To read the Berkeley Lab report, click on the PDF link below.

<http://eetd.lbl.gov/ea/emp/reports/lbnl-2674e.pdf>

<http://newscenter.lbl.gov/press-releases/2009/10/21/new-berkeley-lab-report-shows-that-the-installed-cost-of-solar-photovoltaic-systems-in-the-us-fell-in-2008/>

<http://www.washingtonpost.com/wp-dyn/content/article/2009/10/21/AR2009102102896.html>

## Growth Energy Plans 10 MMGal/Yr. Bio-diesel Refinery in Iowa

Growth Energy plans to open a 10 MMGal/Yr. bio-diesel refinery in Forest City, Iowa by the fall of 2010, a news source said.

<http://www.northiowanews.com/articles/2009/10/21/news/news03.txt>

## Energy Prices

---

U.S. Oil and Gas Prices			
October 22, 2009			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	80.15	77.04	67.12
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.80	3.82	6.76

Source: Reuters

## Energy Notes

---

### Catholic University to Deploy Largest Solar Power System in Washington, D.C. in Fall of 2009

<http://www.washingtonpost.com/wp-dyn/content/article/2009/10/21/AR2009102103352.html>

### Transmission Malfunction Cuts Power to 11,200 Carteret-Craven Electric Cooperative Customers, 4,700 Progress Energy Customers in North Carolina October 22

<http://www.witn.com/home/headlines/65461427.html>

<http://www.enctoday.com/news/power-69106-jdn-carteret-craven.html>

### BioPower Systems, San Francisco PUC to Consider 10-to-100 MW Oceanside Wave Energy Project Offshore California

<http://www.prnewswire.com/news-releases/biopower-systems-collaborates-with-city-of-san-francisco-on-wave-energy-project-65418992.html>

### AEP Plans to Install 5 Million Smart Grids in Midwest U.S. Service Territory by 2015

[http://silverspringnetworks.com/news\\_events/pr\\_102009.html](http://silverspringnetworks.com/news_events/pr_102009.html)

### Valero Shuts Pumps, Isolates Leaky Line at 315,000 b/d Corpus Christi, Texas Refinery October 21-22

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=130993>

### Responders Extinguish Asphalt Fire at Michigan Marine Terminal in River Rouge, Michigan October 20—Incident Triggers Oil Storage Tank Explosion

<http://www.detnews.com/article/20091021/METRO01/910210360/1409/METRO/River-Rouge-terminal-fire-doused-without-incident>

### Update: Ultramar Ltd. Receives Provincial Approval for Planned Oil Products Pipeline in Quebec, Canada

[http://www.ultramar.ca/NR/rdonlyres/8B07E83A-4C66-4DC2-82FE-EBF1966D8F59/0/PressRelease\\_OCgovdecreePSL\\_Oct2109.pdf](http://www.ultramar.ca/NR/rdonlyres/8B07E83A-4C66-4DC2-82FE-EBF1966D8F59/0/PressRelease_OCgovdecreePSL_Oct2109.pdf)

**Energy Production Carried “Hidden” U.S. Costs of about \$120 Billion in 2005—National Research Council Study**

<http://www8.nationalacademies.org/onpinews/newsitem.aspx?RecordID=12794>

**Thunderstorms Shut Compressor, Trigger Flaring at Sneed Booster Station in Texas  
October 21**

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=131009>

## **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)