



U.S. DEPARTMENT OF ENERGY  
Office of Electricity Delivery and Energy Reliability  
Infrastructure Security and Energy Restoration

# ENERGY ASSURANCE DAILY

Tuesday Evening, November 30, 2010

## *Electricity*

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### **Update: Duke Energy's 1,129 MW Catawba Nuclear Unit 1 in South Carolina Ramped Up to 65 Percent by November 30**

Duke reduced the unit to 20 percent power on November 26 to fix a small steam leak, a company spokeswoman said previously. The Nuclear Regulatory Commission reported that on the morning of November 29 the unit was operating at 20 percent.

<http://www.bloomberg.com/news/2010-11-29/u-s-nuclear-output-slips-as-dominion-s-millstone-plant-trips.html>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

### **PG&E's 1,087 MW Diablo Canyon Nuclear Unit 2 in California Reduced to 50 Percent by November 30**

The Nuclear Regulatory Commission reported that on the morning of November 29 the unit was operating at 93 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

### **FPL's 693 MW Turkey Point Nuclear Unit 4 in Florida Reduced to 50 Percent by November 30**

The Nuclear Regulatory Commission reported that on the morning of November 29 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

### **Update: Dominion Restarts 871 MW Millstone Nuclear Unit 2 in Connecticut by November 30**

The unit shut automatically on November 28 after the "loss of condenser vacuum" led to a "turbine trip," Dominion said in a previous filing with the Nuclear Regulatory Commission (NRC). The NRC reported that on the morning of November 29 the unit was not operating.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2010/20101129en.html>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

### **Update: Progress Energy Expects to Restart 838 MW Crystal River Nuclear Power Plant in Florida during First Quarter of 2011**

Progress Energy expects to restart its 838 MW Crystal River nuclear power plant in Florida during the first quarter of 2011, it said on November 30, more than one year after workers discovered a gap in a containment building wall. The company completed concrete replacement last month. It is now working to complete computer analysis that it says is needed to determine the correct sequence to re-tighten a network of tendons that provide structural integrity inside the walls of the concrete-and-steel containment building. Once it re-tightens the interior tendons, the company plans to complete a series of structural tests. After those tests, it expects to restart the unit. Progress shut the unit in September 2009 for refueling and to replace steam generators. The outage was expected to last about three months, but was prolonged after workers discovered the gap.

<http://www.progress-energy.com/aboutus/news/article.asp?id=25182>

Reuters, 13:44 November 24, 2010

## **SunPower Plans 250 MW Solar Power Facility in California**

SunPower Corp. plans to break ground in the second half of 2011 on the 250 MW California Valley Solar Ranch in San Luis Obispo County, California, the company said on November 30. It expects to open a portion of the project by the end of 2011, and the remaining capacity in 2012 and 2013.

<http://investors.sunpowercorp.com/releasedetail.cfm?ReleaseID=533634>

## **Petroleum**

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### **Coker Malfunction Leads to Flaring at ExxonMobil's 344,500 b/d Beaumont, Texas Refinery November**

A "leaking valve at" a "Coker Gas Plant" led to flaring at ExxonMobil's 344,500 b/d Beaumont, Texas refinery on November 29-30, the company said in a filing with state regulators. The company was working on options to repair the valve, according to the filing. It was not clear if the incident had any impact on production.

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=147905>

Reuters, 12:08 November 30, 2010

### **Valero Reports Unit Shutdown at 315,000 b/d Corpus Christi, Texas Refinery November 29 – December 1**

Valero shut the Butamer Unit #36 for "required maintenance" at the west plant of its 315,000 b/d Corpus Christi, Texas refinery on November 29 – December 1, the company said in a filing with state regulators. The shutdown triggered flaring. It was not clear if the incident affected production or when the company expected to restart the affected unit.

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=147843>

### **Valero Halts FCC at 180,000 b/d Memphis, Tennessee Refinery November 29**

Valero shut the gasoline-producing fluid catalytic cracking unit (FCC) on November 29 to fix a wet gas compressor at its 180,000 b/d Memphis, Tennessee refinery, a company spokesman said. The spokesman did not say when the unit would resume service, but did say that the company did not expect "a lengthy outage." Dow Jones Newswires, however, citing a source at the refinery, said the work could take as long as a few weeks.

Reuters, 11:47 November 30, 2010

DJN, 11:15 November 30, 2010

### **Equipment Snag Leads to Release at Coffeyville Resources' 112,000 b/d Coffeyville, Kansas Refinery November 27**

An equipment problem led to the release of hydrogen sulfide and sulfur dioxide at Coffeyville Resources' 112,000 b/d Coffeyville, Kansas refinery on November 27, the company said in a filing with the National Response Center. "Technicians are working on the problem," Coffeyville said in the filing.

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=960856](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=960856)

<http://www.bloomberg.com/news/2010-11-28/cvr-s-coffeyville-kansas-refinery-reports-equipment-failure.html>

### **Rangeland Energy Plans Crude Oil Loading Terminal and Pipeline in North Dakota**

Rangeland Energy, LLC plans to build, own, and operate a crude oil loading terminal and pipeline – the COLT Hub and the COLT Connector – in Williams County, North Dakota, the company said on November 30. The project would serve producers and marketers in the Bakken and Three Forks shale oil producing areas. The pipeline would stretch 20 miles; it would link the proposed terminal to a point of interconnect with multiple existing and planned crude oil pipelines eight miles south of Tioga, North Dakota. Rangeland expects to open the facilities by December 2011.

<http://www.rgldenergy.com/news.html>

### **Update: After Power Outage, PdVSA Expects to Resume Full Operations within Seven to 10 Days at 310,000 b/d Cardon, Venezuela Refinery**

A power outage forced shut the refinery on November 29. PdVSA expected to have power back shortly, as of yesterday evening.

<http://www.businessweek.com/ap/financialnews/D9JQ3JT00.htm>

## **After One-Week Shutdown, OMV Resumes Production at 35,000 b/d Maari Oilfield Offshore New Zealand over Weekend**

OMV New Zealand Limited restarted production on November 27 at its 35,000 b/d Maari oil facility offshore New Zealand, approximately one week after the company halted production to investigate a sheen in the water. The sheen was the result of a small quantity of oil stuck underneath the hull of an on-site floating production, storage, and offloading (FPSO) vessel, according to OMV.

<http://www.reuters.com/article/idUSWEL21268020090225>

[http://www.rigzone.com/news/article.asp?a\\_id=101683](http://www.rigzone.com/news/article.asp?a_id=101683)

## **Abu Dhabi Finishes Planned 1.5 Million b/d, 249-Mile Oil Pipeline in United Arab Emirates**

Abu Dhabi has finished constructing a proposed 1.5 million b/d, 249-mile oil pipeline in the United Arab Emirates (UAE), and expects to begin delivering crude oil along the line “on a trial basis” in December, an official with a government-owned company said by November 30. The line would deliver crude oil from Habshan – a key production area – to a terminal in Fujairah, along the UAE’s eastern coast. It would avoid the Strait of Hormuz.

[http://www.steelguru.com/middle\\_east\\_news/Abu\\_Dhabi\\_completes\\_oil\\_pipeline/178043.html](http://www.steelguru.com/middle_east_news/Abu_Dhabi_completes_oil_pipeline/178043.html)

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## **Natural Gas**

Nothing to report.

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## **Other News**

### **EPA Finalizes 2011 Renewable Fuel Standards November 29 – Agency Sets Cellulosic Biofuel Standard at 6.6 Million Gallons**

The U.S. Environmental Protection Agency (EPA) finalized the 2011 percentage standards for the four categories of fuel under the agency’s renewable fuel standard program, known as RFS2. The standards represent the minimum volume of renewable fuel that each producer and importer of gasoline and diesel must ensure is used in its transportation fuel. The final 2011 overall volume and standards are:

- Cellulosic biofuel – 6.6 million gallons; 0.003 percent
- Biomass-based diesel – 800 million gallons; 0.69 percent
- Advanced biofuel – 1.35 billion gallons; 0.78 percent
- Renewable fuel – 13.95 billion gallons; 8.01 percent

<http://yosemite.epa.gov/opa/admpress.nsf/0/7792719880900F5E852577EA006E9AC9>

### **Thirty-One Coal-Carrying Train Cars Derail in Colorado November 27**

Thirty-one coal-carrying train cars derailed near the Pueblo Memorial Airport in Southern Colorado on November 27, spilling an unspecified quantity of coal and forcing shut the affected rail line. The train was en route to Texas from Wyoming, according to a public affairs officer at BNSF Railway. Officials expected to reopen the line by early on November 28, the officer said.

[http://www.chieftain.com/news/local/article\\_a04241f2-fab2-11df-8950-001cc4c03286.html](http://www.chieftain.com/news/local/article_a04241f2-fab2-11df-8950-001cc4c03286.html)

## Energy Prices

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U.S. Oil and Gas Prices November 30, 2010			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	85.18	81.11	76.80
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.12	3.93	3.32

Source: Reuters

## Energy Notes

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**Storms Cut Electricity to about 12,000 FirstEnergy Customers in Ohio November 30 – Company Restores Power to Most by 7:30 AM, Local Time**

[http://www.newsnet5.com/dpp/news/local\\_news/cleveland\\_metro/thousands-lose-power-after-morning-storms](http://www.newsnet5.com/dpp/news/local_news/cleveland_metro/thousands-lose-power-after-morning-storms)

**Update: Citing Costs and Regulatory Uncertainty, Xcel Energy Abandons Plans to Convert 30 MW Coal-Fired Unit to Biomass at Bay Front Power Plant in Wisconsin**

<http://www.wqow.com/Global/story.asp?S=13584121>

**Thieves Have Taken More than 100 Miles of Copper Wire from Appalachian Power's Facilities in Southern West Virginia**

<http://bdtonline.com/local/x1468310820/Copper-metal-theft-ongoing-issue-for-region>

**Duke Energy Begins Commercial Operation at 51 MW Kit Carson Windpower Project in Eastern Colorado November 19**

<http://www.duke-energy.com/news/releases/2010112901.asp>

**Update: Sunoco's 40,000 b/d, Nederland-to-Midland, Amdel Crude Oil Pipeline Remains Offline by November 30 – Spill Led Company to Shut Line on November 20**

Reuters, 11:23 November 30, 2010

**Upset Leads to Emissions from FCC at LyondellBasell's 268,000 b/d Houston, Texas Refinery November 29**

<http://online.wsj.com/article/BT-CO-20101130-707900.html>

**ConocoPhillips Makes Adjustments after FCC Flaring at 260,000 b/d Sweeny, Texas Refinery November 28-29**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147832>

<http://www.bloomberg.com/news/2010-11-29/conoco-sweeny-plant-reports-cat-cracker-emissions-update1-.html>

**Holly Corp. Says Heater Released Sulfur Dioxide at 75,000 b/d Tulsa, Oklahoma Refinery November 26**

<http://www.bloomberg.com/news/2010-11-28/holly-reports-sulfur-dioxide-release-at-tulsa-oklahoma-plant.html>

**Compressor Shuts, Restarts at Cedar Lake Booster Station in Texas November 29**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147887>

## Snags Force Shut Two Units at Keystone Gas Plant in Texas November 29 – At Least One Unit Restarted November 29

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147886>

### 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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