



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

# ENERGY ASSURANCE DAILY

Tuesday Evening, December 28, 2010

## *Electricity*

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### **Update: After Winter Storms, About 20,000 Customers Remain without Power across U.S. East Coast and Canada**

About 20,000 customers remained without power in the Carolinas, New Jersey, New York, Connecticut, Massachusetts, Nova Scotia, New Brunswick, and Prince Edward Island on December 28, after winter storms knocked out power to more than 350,000 customers on December 26-27, multiple news and company sources reported. To see a full list of affected utilities, please see yesterday's Energy Assurance Daily.

<http://www.thebostonchannel.com/r/26297393/detail.html>

<http://www1.nationalgridus.com/masselectric/stormcenter/>

<http://www.cl-p.com/outage/outagemap.aspx>

<http://www.nspower.ca/en/home/residential/outageinformation/liveoutagemap.aspx>

<http://www.nbpower.com/Open/Outages.aspx>

### **Dynegy's 510 MW Moss Landing Gas-Fired Units 1 and 2 in California Shut by December 27**

According to the California Independent System Operator, the units – the 510 MW Unit 1 and the 510 MW Unit 2 – reported unplanned outages by December 27.

<http://www.caiso.com/unitstatus/data/unitstatus201012271515.html>

### **Update: Dynegy's 335 MW El Segundo Gas-Fired Unit 3 in California Ramps up by December 27**

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment of 295 MW.

<http://www.caiso.com/unitstatus/data/unitstatus201012271515.html>

### **Update: Entergy's 653 MW Pilgrim Nuclear Unit 1 in Massachusetts at Full Power by December 28**

Entergy reduced the unit by December 27 “to reverse a water intake flow to clear debris from screens,” Bloomberg News said, citing a company spokeswoman. The Nuclear Regulatory Commission reported that on the morning of December 27 the unit was operating at 50 percent.

<http://www.bloomberg.com/news/2010-12-28/u-s-nuclear-output-rises-as-entergy-boosts-pilgrim-production.html?cmpid=yahoo>

Information also derived from the NRC Power Reactor Status Reports:

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

### **High Winds Lead PG&E to Declare Unusual Event at 2,174 MW Diablo Canyon Nuclear Power Plant in California December 25**

Pacific Gas and Electric Company (PG&E) declared an Unusual Event due to “peak wind in excess of 80 miles per hour” and “sustained winds” of 53.5 miles per hour on December 25, it said in a filing with the Nuclear Regulatory Commission (NRC). There was no reported damage and the company terminated the event within hours, according to the filing.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2010/20101227en.html>

## **Invenergy Seeks State Authorization to Double Capacity at Existing 650 MW Satsop Gas-Fired Power Plant in Washington**

Invenergy has not yet decided when it might break ground on the project.

<http://www.theolympian.com/2010/12/28/1487405/natural-gas-plant-closer-to-expansion.html>

## **PG&E Opens 660 MW Colusa Gas-Fired Power Plant in California by December 22**

The facility began commercial operations by December 22, Pacific Gas and Electric Company (PG&E) said in a release.

[http://www.pge.com/about/newsroom/newsreleases/20101222/pges\\_colusa\\_generating\\_station\\_begins\\_commercial\\_operation.shtml](http://www.pge.com/about/newsroom/newsreleases/20101222/pges_colusa_generating_station_begins_commercial_operation.shtml)

## **MidAmerican Energy to Install 593.4 MW of Wind Power Capacity in Iowa**

MidAmerican Energy Company plans to install 248 wind turbines – representing 593.4 MW of power capacity – in Cass, Adams, Marshall, Calhoun, and Adair counties in Iowa during 2011, the company said on December 28. It expects to install about 52 of those turbines at the Laurel Wind Project near Laurel, Iowa.

<http://www.midamericanenergy.com/newsroom/aspx/newsdetails.aspx?id=506&type=current>

## ***Petroleum***

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### **Higher Demand Leads to Gasoline Shortages along Southern Tier of Magellan Midstream's Gulf Coast-to-Midwest Oil Products Pipeline by December 28**

Magellan Midstream Partners LP's pipeline system delivers gasoline, diesel, and ultra-low-sulfur diesel from the U.S. Gulf Coast to the U.S. Midwest.

<http://www.magellanlp.com/assetmap.aspx>

Reuters, 11:32 December 28, 2010

### **Update: Two More States Issue Hours-of-Service Waivers amid Cold Weather December 27**

Connecticut and Illinois issued hours-of-service exemptions on December 27 for trucks delivering propane and home heating fuels, according to the National Propane Gas Association's Web site. Nine states – Connecticut, Delaware, Georgia, Illinois, Maryland, New Jersey, North Carolina, South Carolina, and Virginia – have active waivers, as of latest reports. New York's waiver expired on December 20, West Virginia's expired on December 27, and Maryland's was set to expire on December 28.

<http://www.npga.org/i4a/pages/index.cfm?pageid=832>

### **Enbridge Shuts 190,000 b/d Illinois-to-Oklahoma Spearhead Crude Oil Pipeline**

Enbridge shut the 650-mile, 22- and 24-inch diameter pipeline on December 28 due to a maintenance-induced reduction along an associated feeder line, but the company expected to resume flows later in the day, a spokesman said. The line is scheduled to deliver approximately 174,186 b/d of crude in January 2011, Enbridge said previously.

<http://www.businessweek.com/news/2010-12-28/enbridge-spearhead-pipe-shut-due-to-line-61-repairs.html>

<http://www.enbridgeus.com/Main.aspx?id=230&tmi=230&tmt=1>

### **Compressor Snag Leads to Flaring at Chevron's 260,000 b/d El Segundo, California Refinery December 27**

A “compressor malfunction” led to a sulfur dioxide release on December 27, Chevron said in a filing with the National Response Center. The company was “attempting to remediate” the issue, according to the filing. It was not clear if there was any impact on production.

<http://www.bloomberg.com/news/2010-12-28/chevron-reports-compressor-malfunction-at-el-segundo-refinery.html>

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=963156](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=963156)

## **Upset Causes Shutdown at Chevron's 240,000 b/d Richmond, California Refinery December 28**

An upset forced shut a plant and triggered a release on December 28, according to a state regulatory filing. It was not clear which plant or unit was shut, but a county official said the refinery remained online.

<http://www.oes.ca.gov/Operational/MALHaz.nsf/f1841a103c102734882563e200760c4a/62b6fd6fc8ff46da8825780700373850?OpenDocument>

<http://www.bloomberg.com/news/2010-12-28/chevron-reports-shutdown-at-refinery-in-richmond-california.html>

DJN, 12:25 December 28, 2010

## **Valero Shuts FCC at 87,400 b/d Ardmore, Oklahoma Refinery December 28**

Valero shut the gasoline-producing fluid catalytic cracking unit (FCC) to fix a leak, a company spokesman said. He did not say when the unit might resume service, but did say that the company did not expect the shutdown to last long.

Reuters, 10:43 December 28, 2010

## **Update: Gary-Williams Energy Restarting Units after December 26 Explosion, Fire at 70,000 b/d Wynnewood, Oklahoma Refinery**

Gary-Williams Energy Co. shut a hydrocracker and other, unspecified units "as a safety precaution" after a gas release led to an explosion and fire at its 70,000 b/d Wynnewood, Oklahoma refinery on December 26, a company official said by December 27. Operators were restarting the affected units, but the company expected to run the facility at reduced rates, pending repairs, according to the official.

<http://www.bloomberg.com/news/2010-12-27/wynnewood-oklahoma-refinery-shut-units-after-fire-update1-.html>

## **Update: PdVSA Restarts Cat Cracker at 335,000 b/d Isla Refinery in Curacao by December 27**

PdVSA restarted a gasoline-producing cat cracker at its 335,000 b/d Isla refinery in Curacao by December 27, and the company was operating the facility at 203,000 b/d, a company spokesman said. The facility shut on March 1 after issues at a local utility cut off supplies of power, steam, and compressed air. PdVSA expected to return several other units to normal service in January 2011, according to the company spokesman.

<http://www.bloomberg.com/news/2010-12-27/gulf-coast-gasoline-slips-as-pdvsa-starts-gasoline-making-unit.html>

## **Update: Total Could Produce nearly 200,000 b/d of Bitumen at Bemolanga Oil Sands Mine in Madagascar**

<http://www.mediacoop.ca/story/devastation-madagascar/5524>

## **Natural Gas**

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### **Williams Investigating Leak at Natural Gas Storage Facility in Eminence, Mississippi December 27-28**

Williams found a leak at a natural gas storage cavern in Eminence, Mississippi on December 27, but the incident did not impact deliveries along its U.S. Gulf Coast-to-Southeast and Mid-Atlantic Transco natural gas pipeline system, it said on December 28. The company evacuated some local residents for precautionary reasons, and was working to "reduce pressure in the cavern" as it sought to "get a closer inspection of the well and do the repairs," a spokesman said.

Reuters, 12:28 December 28, 2010

### **Update: TransCanada to Open 477 MMcf/d, 30-Inch, Wyoming-to-North Dakota Bison Natural Gas Pipeline in Early January 2011**

TransCanada Corporation expects it to begin commercial service "shortly" along the 302-mile pipeline, the company said on December 21.

<http://www.calgaryherald.com/business/Bison+natural+pipeline+ready+start+flowing/4012754/story.html>

<http://www.transcanada.com/bisonpipelineproject.html>

## Other News

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Nothing to report.

## Energy Prices

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U.S. Oil and Gas Prices December 28, 2010			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	91.46	89.19	79.02
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.05	4.10	5.75

Source: Reuters

## Energy Notes

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**Copper Wire Thieves to Blame as almost 4,000 DEMCO Customers Lose Power in Livingston Parish, Louisiana December 22**

<http://www.theadvocate.com/news/police/112417134.html?c=1293171727243>

**Man Accused of Stealing Electrical Wire Coils from Unitil Facility in Fitchburg, Massachusetts December 25**

[http://www.sentinelandenterprise.com/ci\\_16957241](http://www.sentinelandenterprise.com/ci_16957241)

**Puget Sound Energy Breaks Ground on Proposed 30 MW Expansion at Existing 170 MW Baker River Hydroelectric Power Plant in Washington by December 28**

<http://www.bellinghamherald.com/2010/12/27/1785603/baker-river-project-to-boost-pse.html>

**Update: DOE Completes \$17 Million Loan Guarantee for AES's Proposed 20 MW Energy Storage System in Johnson City, New York December 23**

<http://energy.gov/news/9926.htm>

**Citing Permitting Uncertainties, Cost Concerns, Ormat Technologies Opts Out of DOE Loan Guarantee Application for Three Geothermal Projects in California and Nevada**

<http://www.ormat.com/news/latest-items/ormat-retracts-doe-loan-guarantee-application-three-geothermal-projects-california>

**Somali Pirates Hijack Petroleum-Carrying Ems River Cargo Vessel in Gulf of Aden by December 28 – Ship Was En Route from United Arab Emirates to Greece**

Reuters, 08:11 December 28, 2010

**Fire Breaks Out at Oil Storage Tank at Southern Indiana Biofuels' Property in Newburgh, Indiana December 27**

<http://www.14wfi.com/story/13745447/crews-fighting-newburgh-business-fire>

## **Pemex Could Spend \$44.5 Million in Bid to Enhance Surveillance, Combat Theft and Accidents along Oil Pipeline System in Mexico**

<http://www.bloomberg.com/news/2010-12-27/pemex-to-invest-550-million-pesos-in-pipelines-economista-says.html>

### **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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