



# ENERGY ASSURANCE DAILY

Tuesday Evening, September 29, 2009

## *Electricity*

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### **Storms Cut Power to 25,061 Duke Energy Customers in North Carolina September 28**

Storms knocked out power to 25,061 Duke Energy customers in North Carolina on September 28, but the utility restored power to nearly all affected customers by September 29, multiple sources said. Only 397 customers remained without power in North Carolina, as of latest reports.

<http://www.duke-energy.com/outages/stats/>

[http://www.news-record.com/content/2009/09/28/article/storm\\_leaves\\_11000\\_in\\_nw\\_greensboro\\_without\\_power](http://www.news-record.com/content/2009/09/28/article/storm_leaves_11000_in_nw_greensboro_without_power)

### **Energy Northwest's 1,107 MW Columbia Generating Station Nuke Unit in Washington Shut by September 29**

The unit shut for maintenance, a news source reported. The Nuclear Regulatory Commission reported that on the morning of September 28 the unit was operating at 14 percent.

Reuters, 14:31 September 28, 2009

Information also derived from the NRC Power Reactor Status Reports:

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

### **STP's 1,251 MW South Texas Nuke Unit 2 in Texas Ramped Up to 98 Percent by September 29**

The Nuclear Regulatory Commission reported that on the morning of September 28 the unit was operating at 20 percent.

Information derived from the NRC Power Reactor Status Reports:

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

### **NRG to Shut 836 MW Limestone Coal-fired Unit 1 in Texas September 28-October 1**

NRG expected to shut the unit to fix a boiler tube leak, it said in a filing with state regulators. The filing indicated the shutdown would stretch from September 28 to October 1.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=129995>

### **Update: AES's 227 MW Huntington Beach Gas-fired Unit 4 in California Returns to Service by September 28**

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment of 135 MW.

<http://www.caiso.com/unitstatus/data/unitstatus200909281515.html>

### **Update: AES's 175 MW Alamitos Gas-fired Unit 2 in California Returns to Service by September 28**

According to the California Independent System Operator, the unit reported a return from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200909281515.html>

## **Canadian Hydro Eyes 2014 Start-Date for First Phase of Planned 4,400 MW Wind Project Offshore Ontario**

Canadian Hydro expects to open 400-to-500 MW of its recently-acquired, planned 4,400 MW wind project offshore Ontario by the fourth quarter of 2014, the company said in a release. The plan still requires regulatory and environmental permits and approvals, site release from the Ontario Ministry of Natural Resources, and financing, according to the release.

<http://www.canhydro.com/images/pdf/NewsReleases2009/khd%20announces%20offshore%20wind%20project%20-%20final%20english%2028%20sept%2C%202009.pdf>

## ***Petroleum***

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### **Total to Restart Unit at 174,000 b/d Port Arthur, Texas Refinery September 29-30**

Total expected to start-up unit 822 at its 174,000 b/d Port Arthur, Texas refinery from September 29-30, the company said in a filing with state regulators. The filing did not indicate when the unit went offline. In a separate filing, the company said it expected to shut a boiler for maintenance on September 28-30.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=129967>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=130022>

Bloomberg News, 11:40 September 29, 2009

### **Prudhoe Bay, Alaska Oil Production Jumps 52 Percent in September, Month-over-Month**

Prudhoe Bay, Alaska oil production increased from an average 225,949 b/d in August 2009 to 342,705 b/d through September 27, 2009, the state's Tax Division said in a report. Total Alaskan oil production increased 18 percent from August to September, to an overall average of 677,014 b/d, according to the report. A news source attributed the Prudhoe Bay rise to a drop in maintenance work.

Bloomberg News, 10:36 September 29, 2009

## ***Natural Gas***

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### **Dominion Plans 484,260 Dth/d, 110-mile Natural Gas Pipeline Project in West Virginia and Pennsylvania**

Dominion plans to deliver 484,260 Dth/d of natural gas from West Virginia and Southwest Pennsylvania to storage fields and pipelines in Pennsylvania, the company said in a release. The "Appalachian Gateway Project" pipeline would begin in West Virginia, stretch about 110 miles, and end at Dominion and Spectra's jointly-owned Oakford facility in Delmont, Pennsylvania. It would include four new natural gas compressor stations and upgrades to two existing compressor stations. It would serve producers in the Marcellus Shale, and other Appalachian sites.

Dominion expects to break ground in 2011 and open the line in 2012.

<http://dom.mediaroom.com/index.php?s=43&item=801>

### **State Agencies Plan 1 Bcf/d, 24-inch, North Slope-to-South Central, Alaska Natural Gas Pipeline—"Bullet Line" Seen as Contingency to Larger Proposals**

State agencies expect to file preliminary permit applications for a natural gas pipeline from the North Slope to south-central Alaska, a project official said. The "bullet line" would deliver between 250 MMcf/d-to-1Bcf/d of natural gas, and could be as large as 24-inches in diameter, according to the plans. It will serve as a contingency for the state, should plans for a larger pipeline through Canada fall through, a news source said. If the broader project moves forward, state agencies could amend the "bullet line" to serve as a spur line for the larger system. If the larger plans stall, the "bullet line" could enter service by 2015.

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=18389](http://www.downstreamtoday.com/news/article.aspx?a_id=18389)

### **Update: Williams' 450 MMcf/d Willow Creek Natural Gas Processing Plant Reaches Full Processing Operations in Colorado by September 29**

Williams achieved full processing operations at its 450 MMcf/d Willow Creek natural gas processing plant by September 29, the company said in a press release. The plant opened on August 7, according to the company.

<http://www.b2i.us/profiles/investor/ResLibraryView.asp?ResLibraryID=32693&GoTopage=1&BzID=630&Category=1579&a=>

## **ONEOK Partners Nears Completion of 38 MMcf/d Expansion along Fargo Lateral Segment Natural Gas Pipeline in North Dakota and Minnesota**

ONEOK Partners' Viking Gas Transmission Company expects to open a 38 MMcf/d expansion along its existing, 53 MMcf/d Fargo lateral segment in North Dakota and Minnesota by mid-October 2009, the company said in a release. The company expects to install 12-inch pipe along 10 miles of the existing 18-mile, eight-inch pipeline, it said in the release. The expansion will boost natural gas deliveries to Fargo, North Dakota and Dilworth and Moorhead, Minnesota, according to the company.

[http://ir.oneok.com/ReleaseDetail.cfm?ReleaseID=412000&ReleaseType=OKS\\_Distributions](http://ir.oneok.com/ReleaseDetail.cfm?ReleaseID=412000&ReleaseType=OKS_Distributions)

## **Other News**

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### **Update: Traffic Resumes along Lower Mississippi River after Oil Tanker Refloated September 29**

The Coast Guard reopened traffic along the Lower Mississippi River after responders refloated the Eagle Tucson oil tanker on September 29, a spokeswoman said. The Coast Guard had partly reopened the affected stretch by yesterday afternoon, authorizing vessels with drafts of 35 feet or less to proceed through the area one-at-a-time, according to a previous source. The tanker ran aground on September 28, carrying about 440,000 barrels of oil. It was en route to ExxonMobil and PdVSA's co-owned 190,000 b/d Chalmette, Louisiana refinery, a news source said. Reuters, 08:40 September 29, 2009

<http://www.joc.com/node/413651>

<http://www.joc.com/node/413662>

<http://www.chron.com/disp/story.mpl/business/6641121.html>

### **Update: Coast Guard Partly Reopens One-Mile Stretch along Houston Ship Channel by September 29**

The Coast Guard partly-reopened a one-mile stretch of the Houston Ship Channel on September 28 at 12:45 p.m., after an oil spill closed it on September 25, a spokesman said. Officials opened the segment fully to towing vessel traffic, and to ships for daylight hour deliveries, it said. The Coast Guard expects to fully open the affected area on Friday, October 2.

Reuters, 08:53 September 29, 2009

<http://www.d8externalaffairs.com/go/doc/425/331791/>

### **Plankton Power Plans 100 MMGal/Yr. Algae-Based Biofuel Refinery in Massachusetts**

Plankton Power plans to construct a pilot, algae-based biofuel refinery at the Massachusetts Military Reservation in Bourne, Massachusetts, a news source reported. The company hopes the project will garner enough investor interest to warrant a 100 MMGal/Yr., commercial-scale refinery, it said.

<http://www.dailynewstribune.com/opinion/x1002020332/Chesto-State-energy-rules-at-odds-with-Cape-biofuel-firm>

### **Cascade Grain's 113 MMGal/Yr. Ethanol Plant in Oregon Could Restart in 2010, Creditor Says—Company Declared Bankruptcy in 2009**

Cascade Grain's 113 MMGal/Yr. ethanol plant near Clatskanie, Oregon is up-for-sale, and could restart in 2010, one of its largest creditors said on September 28. Cascade Grain opened the facility in June 2008, but only operated it at full capacity for about 20 days, a news source said. The company filed for bankruptcy in January 2009.

[http://www.tdn.com/articles/2009/09/28/area\\_news/doc4ac0f85d2ac07513762126.txt](http://www.tdn.com/articles/2009/09/28/area_news/doc4ac0f85d2ac07513762126.txt)

### **ADM Plans 275 Million Gallon Ethanol Production Expansion in Nebraska**

Archer Daniels Midland (ADM) broke ground on a corn dry mill and co-generation facility in Columbus, Nebraska, a news source reported. The company expects the project to boost production at an adjacent ethanol plant by 275 million gallons, according to the source.

<http://www.columbustelegram.com/articles/2009/09/28/news/local/doc4ac0bb75a6370935284218.txt>

## Maibach LLC Plans 38 MMGal/Yr. Beet-to-Bioenergy Maibach Agri-Energy Center in Pennsylvania

Maibach LLC plans to convert genetically modified sugar beets into 38 MMGal/Yr. of transportation fuel, according to its website. The project received a setback this week, however, when a federal judge reversed the U.S. Department of Agriculture's approval of the associated, genetically-altered beets.

[http://energybeets.com/Maibach\\_Agri-Energy\\_Ctr.html](http://energybeets.com/Maibach_Agri-Energy_Ctr.html)  
<http://articles.lancasteronline.com/local/4/242769>

## Energy Prices

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U.S. Oil and Gas Prices			
September 29, 2009			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	66.47	71.44	96.37
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.54	3.35	7.42

Source: Reuters

## Energy Notes

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### Storms Cut Power to More than 15,000 Consumers Energy Customers in Michigan September 28

[http://www.mlive.com/news/grand-rapids/index.ssf/2009/09/winds\\_raise\\_waves\\_on\\_lake\\_mich.html](http://www.mlive.com/news/grand-rapids/index.ssf/2009/09/winds_raise_waves_on_lake_mich.html)

### Winds Knock Out Electricity to 14,376 WPS Customers in Wisconsin September 28—Company Restores Service to Nearly all Affected Customers by September 29

<http://www.wisconsinpublicservice.com/outagesummary/view/outagegrid.aspx>

<http://www.greenbaypressgazette.com/article/20090929/GPG0101/909290555/1207/GPG01/High-winds-lead-to-power-outages>

<http://www.wjfw.com/stories.html?sku=20090928145416>

### Winds Cut Power to 14,000 Thunder Bay Hydro Customers in Ontario Canada September 28-29—Company Restores Power to Most by September 29

[http://netnewsledger.com/index.php?option=com\\_content&view=article&id=499:wind-storm-took-a-toll-on-thunder-bay-hydro&catid=35:northwestern-ontario-regional-news&Itemid=83](http://netnewsledger.com/index.php?option=com_content&view=article&id=499:wind-storm-took-a-toll-on-thunder-bay-hydro&catid=35:northwestern-ontario-regional-news&Itemid=83)

### Storms Knock Out Power to 10,014 National Grid New York Customers, 1,400 New York State Electric and Gas Customers in New York September 28—Utilities Restore Service to Most by September 29

<http://www.buffalonews.com/home/story/811058.html>

<https://www1.nationalgridus.com/niagaramohawk/storm/OutagesByCounty.aspx>

<http://www.buffalonews.com/home/story/810477.html>

### California Air Resources Board Enacts Fees for State's Biggest Greenhouse Gas Emitters by September 26

<http://www.sfgate.com/cgi-bin/article.cgi?f=/c/a/2009/09/26/MN6O19SPHD.DTL>

**NRC Sees Positive Results from Emergency Tests at Edison's San Onofre Nuclear Power Facility in California September 23**

<http://www.ocregister.com/articles/nuclear-edison-san-2582334-emergency-generators>

**Entergy Louisiana, South Louisiana Electric Cooperative Association Installed Stronger Poles, Upgraded Storm Prevention Infrastructure Over Past Year in Wake of Hurricanes Gustav and Ike**

<http://www.dailycomet.com/article/20090927/ARTICLES/909269930/1214?Title=Local-power-companies-reassess-in-wake-of-storms>

**Industry Groups Seek Supreme Court Ruling on Question of FERC Authority—Lower Court Ruled FERC did not have Authority to Approve Transmission Lines if State Declined to Grant Permission**

[http://pro.energycentral.com/professional/news/power/news\\_article.cfm?id=13508727](http://pro.energycentral.com/professional/news/power/news_article.cfm?id=13508727)

**General Electric to Launch "Smart" Water Heaters in November 2009, Plans "Smart" Versions for all Appliance Lines—Whirlpool Corp. to Sell One Million "Smart" Clothes Dryers, Starting in 2011**

[http://online.wsj.com/article/SB125409532770645001.html#mod=todays\\_us\\_marketplace](http://online.wsj.com/article/SB125409532770645001.html#mod=todays_us_marketplace)

**Flaring at ConocoPhillips 76,000 b/d Rodeo, California Refinery September 29**

Bloomberg News, 05:02 September 29, 2009

**Alon Sees no Production Impact after Short "Process Interruption" at 70,000 b/d Big Spring, Texas Refinery September 27**

Reuters, 20:50 September 28, 2009

**Update: Hyperion Energy Appeals Part of Air Quality Permit for Planned 400,000 b/d Refinery in South Dakota**

<http://www.ktiv.com/Global/story.asp?S=11214639>

**FERC Prepares Final EIS for Algonquin Gas Transmission's Planned 2.56-mile, 12-inch HubLine/East to West Natural Gas Pipeline Expansion Project in Connecticut and New Jersey**

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=18378](http://www.downstreamtoday.com/news/article.aspx?a_id=18378)

**Update: Fulcrum BioEnergy Expects to Begin Construction in 2010 on Planned 10.5 MMGal/Yr. Waste-to-Ethanol Facility in Nevada**

<http://ethanol-news.newslib.com/story/6938-33526/>

**Compressor Shutdown at Tilden Gas Plant in Texas September 28**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=130004>

**Fullerton Plant Shutdown to Trigger Flaring at North Riley Central Battery in Texas September 29-30**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=130014>

## 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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