



# ENERGY ASSURANCE DAILY

Friday Evening, September 27, 2013

## *Electricity*

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### **FirstEnergy's 821 MW Beaver Valley Nuclear Unit 1 in Pennsylvania Shut by September 27**

On the morning of September 26 the unit was operating at 95 percent, according to the Nuclear Regulatory Commission.

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

### **Update: PPL's 1,111 MW Susquehanna Nuclear Unit 2 in Pennsylvania at Full Power by September 27**

The Nuclear Regulatory Commission reported that on the morning of September 26 the unit was operating at 85 percent, according to the Nuclear Regulatory Commission.

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

### **Update: Entergy's 510 MW Vermont Yankee Nuclear Unit in Vermont Ramped Up to 75 Percent by September 27**

On the morning of September 26 the unit was operating at 42 percent, according to the Nuclear Regulatory Commission.

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

### **Exelon's 855 MW Quad Cities Nuclear Unit 2 in Illinois Reduced to 62 Percent by September 27**

On the morning of September 26 the unit was operating at full power, according to the Nuclear Regulatory Commission.

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

### **Sempra Announces Acquisition of 75 MW Nebraska Wind Project, Construction to Begin December 2013**

Sempra U.S. Gas & Power announced on Thursday it has acquired and will develop the 75 MW Broken Bow 2 wind project in Custer County Nebraska. Sempra has executed an agreement to purchase 43 1.7 MW General Electric wind turbines to power the 75 MW wind farm. Construction is slated to begin in December 2013 and the farm is scheduled to be in commercial operation by late 2014. The entire power output from the wind farm has been sold to the Nebraska Public Power District under a 25-year contract.

<http://sempra.mediaroom.com/index.php?s=19080&item=136879>

### **Energy Department Announces Funding to Provide Better Visibility Into Health of Nation's Electric Grid**

The Department of Energy announced on Thursday up to \$9 million in funding to facilitate rapid response to abnormal grid conditions, as part of the Administration's commitment to improve the reliability and resiliency of the Nation's electric grid. As a result, utilities will be able to better detect and head off potential blackouts, while improving day-to-day grid reliability and helping with the integration of clean renewable sources of energy onto the grid.

<http://energy.gov/articles/energy-department-announces-funding-provide-better-visibility-health-nation-s-electric-grid>

## **Minnesota Power Receives Upgrade Approval for Its 585 MW Cohasset, Minnesota Coal Plant September 25**

Minnesota Power reported Minnesota utilities commission approved upgrades to bring its Cohasset coal plant into compliance with state and federal regulations to reduce smokestack emissions of mercury. The upgrades are slated to begin fall 2013 and last about three years.

<http://www.startribune.com/business/225241691.html>

### ***Petroleum***

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Nothing to report.

### ***Natural Gas***

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Nothing to report.

### ***Other News***

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#### **ALLETE Plans Energy Corridor From North Dakota to Minnesota**

ALLETE on Wednesday laid out its vision for a comprehensive energy transportation corridor that could help provide solutions for the movement of natural gas, petroleum products, water and wastewater, wind energy and future sequestered carbon across a coordinated, shared right-of-way. The energy corridor's backbone would follow an existing 465-mile path that contains a 250 kV direct current transmission line running between Center, North Dakota and Duluth, Minnesota. A top priority of the ALLETE Energy Corridor is to develop an extension of the existing energy delivery path 60 miles westward to the Bakken shale oil fields of west-central North Dakota. The ALLETE Energy Corridor could accommodate several pipelines capable of transporting natural gas that would otherwise be flared, as well as wastewater and carbon sequestered from fossil fuel generation. Future wind expansions could also benefit.

<http://investor.allete.com/releasedetail.cfm?ReleaseID=793005>

### ***International News***

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#### **OPEC to Increase Crude Exports Before Refineries Shut**

The Organization of Petroleum Exporting Countries (OPEC) will increase crude shipments by 1 percent next month as they maximize flows before refineries are shut for maintenance as summer demand in the northern hemisphere for gasoline and diesel decreases, according to Oil Movements. OPEC will raise exports by 230,000 b/d to about 23.9 million b/d in the four weeks to October 12 compared with the period to September 14, excluding Angola and Ecuador. Middle Eastern shipments will climb 2.4percent to 17.72 million b/d to October 12, compared with 17.31 million b/d in the month to September 14, including Oman and Yemen, according to Oil Movements.

<http://www.hydrocarbonprocessing.com/Article/3260190/Latest-News/OPEC-to-boost-crude-exports-before-refinery-halts.html>

## Energy Prices

U.S. Oil and Gas Prices			
September 27, 2013			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	103.55	105.40	91.45
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.50	3.68	2.92

Source: Reuters

## Links

***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

*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. ET. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:

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

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