



# ENERGY ASSURANCE DAILY

Wednesday Evening, February 19, 2014

## *Electricity*

---

### **DOE Announces \$6.5 Billion Loan for Construction of Two Additional 1,100 MW Reactors at Southern Co.'s Vogtle Nuclear Plant in Georgia**

U.S. Secretary of Energy Ernest Moniz today announced that he will be traveling to Waynesboro, Georgia tomorrow, February 20, to mark the issuance of approximately \$6.5 billion in loan guarantees for the construction of two new nuclear reactors at the Vogtle nuclear plant. The project represents the first new nuclear facilities in the U.S. to begin construction and receive NRC license in nearly three decades. In addition, the deployment of two new 1,100 MW nuclear reactors is a first-mover for a new generation of advanced nuclear reactors. The two new 1,100 MW Westinghouse AP1000 nuclear reactors at the Vogtle plant will supplement the two existing reactor units at the facility.

<http://www.energy.gov/articles/sec-moniz-georgia-energy-department-scheduled-close-loan-guarantees-construct-new-nuclear>

### **USACE Plans Renovations to Improve Hydroelectric Generators at Tennessee Dams**

The Nashville District of the U.S. Army Corps of Engineers is moving forward with a 20-year, \$1 billion project to renovate hydroelectric generators at dams in the region. Work could begin this year at the 135 MW Center Hill Dam near Smithville, where plans call for three aging generators to be renovated, according to the Tennessean. After work on the generators at Center Hill Dam is completed, crews will begin renovating generators at the 104 MW Old Hickory Dam near Nashville. The generators are being worked on one at a time so that there won't be a big effect in its ability to supply energy to the power grid. The entire project is expected to take about 20 years and should give the generators 30 to 40 more years of life and make them 5 percent more efficient.

[http://world.einnews.com/article/190741157/OWHcipZi\\_Izcvpyg](http://world.einnews.com/article/190741157/OWHcipZi_Izcvpyg)

### **Entergy's 813 MW FitzPatrick Nuclear Unit in New York Reduced to 75 Percent by February 19**

Entergy Corp. said it cut power to its FitzPatrick nuclear power plant in New York on Wednesday to fix a small leak in the main condenser.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

Reuters, 7:39 February 19, 2014

### **Delta Energy Center, LLC's 880 MW Delta Gas-fired Unit in California Reduced by February 18**

The unit entered an unplanned curtailment of 280 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201402181515.html>

### **Inland Empire Energy Center, LLC's 376 MW Inland Empire Gas-fired Unit 1 in California Shut by February 18**

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201402181515.html>

### **Genesis Energy Announces New Import/Export Terminal with Unit Train and Deepwater Dock Access in Baton Rouge, Louisiana**

Genesis Energy, L.P. on Tuesday announced plans to invest approximately \$150 million to construct a new crude oil, intermediates, and refined products import/export terminal in Baton Rouge, Louisiana. The Baton Rouge Terminal will be located on approximately 90 acres of land near the Port of Greater Baton Rouge and will be connected to the Port's existing deepwater docks on the Mississippi River. The docks are capable of berthing vessels ranging from barges to Aframax class vessels. Genesis Energy will initially construct approximately 1.1 million barrels of tankage for the storage of crude oil, intermediates, and/or refined products with the capability to expand to provide additional terminaling services to its customers. The Baton Rouge Terminal will also be connected to ExxonMobil facilities in the area, as well as to Genesis Energy's Scenic Station unit train-capable rail facility. Genesis Energy expects the Baton Rouge Terminal to be operational by the end of the second quarter of 2015. Genesis Energy has entered into definitive agreements with ExxonMobil in which it has secured committed rights for a portion of the capacity at and through Genesis Energy's proposed facilities.

[http://www.genesisenergy.com/assets/Investors/Press\\_Releases/2014-02-18.pdf](http://www.genesisenergy.com/assets/Investors/Press_Releases/2014-02-18.pdf)

### **Update: Marathon Says Alkylation Unit Shut at Its 451,000 b/d Galveston Bay, Texas Refinery February 17**

Marathon Petroleum Corp. said it shut an alkylation unit for repair at its Galveston Bay refinery in Texas City after a pinhole leak on an isostripper furnace in the unit. The company had reported the leak in a filing with Texas Commission on Environmental Quality on Monday.

Reuters, 13:13 February 18, 2014

### **Shell Restarts Unit at Its 156,400 b/d Martinez, California Refinery February 12**

Royal Dutch Shell Plc restarted a major unit at its refinery in Martinez, California, last week, according to a filing with Contra Costa County Hazardous Materials Program. Shell did not identify which unit was restarted on Wednesday.

Reuters, 17:45 February 17, 2014

### **Valero Reports Flaring at Its 132,000 b/d Benicia, California Refinery February 14**

Valero Energy Corp. reported flaring on Friday at its refinery in Benicia, California, according to a notice the refinery filed with the California Emergency Management Agency. Sulfur dioxide was released by the flaring, according to the notice.

Reuters, 17:28 February 17, 2014

### **Steam Turbine Loses Power at Phillips 66's 120,200 b/d Rodeo, California Refinery February 17**

A steam turbine lost power on Monday at Phillips 66's refinery in Rodeo, California, according to a report by the Contra Costa Times newspaper. The outage triggered the refinery's safety flare system, according to the report.

Reuters, 18:06 February 17, 2014

## ***Natural Gas***

---

### **TransCanada's NOVA Gas Transmission Pipeline Breaks in Alberta February 18**

At approximately 5:00 a.m. MST on February 18, TransCanada experienced a linebreak on the Nova Gas Transmission Ltd (NGTL) system, about 6 miles west of Rocky Mountain House, Alberta. Due to the linebreak, NGTL receipt stations Ferrier North and Ferrier South B and the Ferrier North Lateral were isolated from the rest of the pipeline system. The Transportation Safety Board and National Energy Board sent personnel to the site to monitor TransCanada's response. The company was working to remedy the situation as soon as possible, and before any repair or restoration of service work can occur, the NEB must approve the company's plans.

[http://www.nrgexpressway.com/servlet/nrginfo.ew.notices.ShowNotice?bulletin\\_id=291824201](http://www.nrgexpressway.com/servlet/nrginfo.ew.notices.ShowNotice?bulletin_id=291824201)

## Kinder Morgan's Natural Gas Pipeline Company of America Announces Open Season for Expansion of Its Gulf Coast Mainline System

Natural Gas Pipeline Company of America LLC announced today it is holding a non-binding open season to gauge interest in an expansion of its Gulf Coast mainline system. This expansion project will provide for incremental firm transportation service from the existing interconnect with Rockies Express Pipeline LLC to existing and increasing markets along the Texas and Louisiana Gulf Coast. As currently designed, the project will source gas from the REX Moultrie receipt point and transport gas south to the Texok, South Texas and Louisiana delivery zones.

[http://pipeline.kindermorgan.com/info\\_postings/matrix/NGPL%20Open%20Season%2002%2018final.pdf](http://pipeline.kindermorgan.com/info_postings/matrix/NGPL%20Open%20Season%2002%2018final.pdf)

## Enbridge Reports AGI Trip Due to Process Cooler Motor Fault at Its Tilden Gas Plant in Texas February 19

Enbridge reported acid gas injector (AGI) no. 3 tripped due to a process cooler motor fault. The reset button on main breaker was not maintaining electrical contact and was adjusted to maintain contact. AGI no. 3 was restarted and stabilized.

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=194346>

## Other News

---

Nothing to report.

## International News

---

### Iraqi-Turkey Oil Pipeline Bombed by Militants February 18

Oil deliveries from northern Iraq to the Turkish port at Ceyhan were interrupted when militants bombed a pipeline in Iraq that feeds Turkey's export terminal in Ceyhan, an Iraqi energy official said. A representative from Iraq's state-run North Oil Co told Turkey's Anadolu news agency militants in the northern Iraqi city of Mosul bombed the pipeline but it should be repaired by Wednesday. In a separate statement, the Turkish Energy Minister said that, while more than 400,000 barrels of Iraqi oil was stored at Ceyhan, none of it has been exported yet.

[http://www.upi.com/Business\\_News/Energy-Resources/2014/02/18/Iraqi-oil-pipeline-to-Turkey-bombed/UPI-62191392729447/#ixzz2tg1j5Zfm](http://www.upi.com/Business_News/Energy-Resources/2014/02/18/Iraqi-oil-pipeline-to-Turkey-bombed/UPI-62191392729447/#ixzz2tg1j5Zfm)

## Energy Prices

---

U.S. Oil and Gas Prices			
February 19, 2014			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	102.76	100.50	95.78
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	5.74	7.73	3.19

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>

Please direct comments and questions to: [ead@oe.netl.doe.gov](mailto:ead@oe.netl.doe.gov)