



# ENERGY ASSURANCE DAILY

Wednesday Evening, October 24, 2012

## ***Electricity***

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### **Dominion's 917 MW North Anna Nuclear Unit 2 in Virginia Shuts Due to Low Steam Generator Water Level October 24**

Dominion Virginia Power reported its North Anna Unit 2 reactor tripped automatically very early Wednesday morning due to low steam generator water and turbine trip, according to a filing with the U.S. Nuclear Regulatory Commission. Operators were investigating the cause of the incident. There was no impact on Unit 1. On the morning of October 23 the unit was operating at full power. Dominion Virginia Power had restarted North Anna on October 22 after 2-week outage needed to repair a coolant pump.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2012/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2012/20121024en.html>

### **Update: SCE Completes Repairs after Hydrogen Leak at Its 2,150 MW San Onofre Nuclear Power Plant in California**

Southern California Edison (SCE) on Monday reported it completed repairs to a small pipe fitting at its shutdown San Onofre Nuclear Generating Station after workers found a small hydrogen leak in the pipe in the non-nuclear side of the plant during routine maintenance over the weekend. The leak was in a Unit 2 pipe fitting near the turbine building. The pipe maintenance is unrelated to equipment testing that began last week using a temporary boiler to produce steam in the non-nuclear portions of Unit 2. Both units at the plant have been shut since January, when operators discovered premature tube wear in the steam generators.

[http://www.songscommunity.com/docs/102212\\_news1.pdf](http://www.songscommunity.com/docs/102212_news1.pdf)

### **Update: PSE&G's 1,049 MW Hope Creek Nuclear Unit 1 in New Jersey at Full Power; 1,096 MW Salem Nuclear Unit 1 in New Jersey Ramped Up to 87 Percent by October 24**

Public Service Enterprise Group, Inc. (PSE&G) on Wednesday ramped its Hope Creek nuclear Unit 1 to full power, and its Salem Nuclear Unit 1 to 87 percent, after reducing the units earlier this week to accommodate a scheduled transmission line outage in the area. The units were expected to return to full power with the transmission line returned to service. On the morning of October 23 Hope Creek Unit 1 was operating at 72 percent, and Salem Unit 1 was operating at 75 percent.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2012/>

### **NextEra to Complete More Than 1,200 MW of Wind Power Additions by Year-End; Reports on Florida Power Plant Modernizations**

NextEra Energy Inc. expects to complete more than 1,200 MW of wind power capacity additions in the United States in the fourth quarter, according to a third quarter earnings statement. By the end of 2012, the company's wind power portfolio will top 10,000 MW. The company's Florida Power & Light (FPL) utility reported construction of both the Cape Canaveral and Riviera Beach modernization projects in Florida are on schedule and on budget. The new 1,250 MW Cape Canaveral natural gas-fired power plant is on track to enter service in mid-2013, and the new 1,250 MW Riviera Beach natural gas-fired plant is on track to enter service in 2014. FPL's new 1,277 MW Port Everglades natural gas-fired plant is expected to enter service in mid-2016. FPL's upgrade of the four reactors at the Saint Lucie and Turkey Point nuclear power plants in Florida should be complete by the spring, adding more than 500 MW of additional generating capacity.

Reuters, 11:41 October 24, 2012

<http://www.nexteraenergy.com/news/contents/pdf/102412.pdf>

## **BOEM Awards Commercial Lease to NRG Bluewater for 450 MW Delaware Offshore Wind Project**

The U.S. Bureau of Ocean Energy Management (BOEM) on Tuesday announced it has reached agreement on a lease for commercial wind energy development in federal waters that covers 96,430 acres approximately 11 nautical miles off the coast of Delaware. The lease grants NRG Bluewater Wind Delaware LLC the exclusive right to submit one or more plans to BOEM to conduct activities in support of wind energy development in the lease area. NRG Bluewater had proposed a 450 MW project offshore Delaware, but suspended development in December and began seeking a buyer for the project after failing to find investors, though it continued to pursue the U.S. lease.

<http://www.doi.gov/news/Interior-Announces-Commercial-Lease-for-Renewable-Energy-Offshore-Delaware.cfm>  
<http://www.bloomberg.com/news/2012-10-23/nrg-s-offshore-wind-power-unit-gets-second-u-s-commercial-lease.html?cmpid=yhoo>

## ***Petroleum***

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### **CDU Shutdown Causes Flaring at Phillips 66's 362,000 b/d Wood River, Illinois Refinery October 23**

Phillips 66 reported a crude distillation unit (CDU) shutdown at its Wood River refinery on Tuesday led to flaring, according to a filing with the state's Emergency Management Agency. The release was ongoing at the time of the filing.

DJN, 12:18 October 24, 2012

### **Tesoro Says Small Fire at Its 166,000 b/d Martinez, California Refinery Has Not Impacted Supply Orders**

Tesoro Corp. said a fire at a processing unit at its Martinez refinery did not affect its ability to meet regional contractual product supply commitments. Workers immediately extinguished the small fire, which broke out when a seal failed on an unspecified unit, releasing material that ignited, according to a filing with the Contra Costa County Health Department Hazardous Materials Program.

Reuters, 17:47 October 23, 2012

### **Tesoro Reports It Shut a Boiler at Its 120,000 b/d Anacortes, Washington Refinery Last Week**

Tesoro Corp. shut a boiler at its Anacortes refinery last week, according to a filing with the Northwest Clean Air Agency. The company said last week that it was undertaking planned maintenance at the refinery without specifying which units were involved. In an earlier filing with the regulator, Tesoro said it had shut three heaters at the refinery.

Reuters, 20:14 October 23, 2012

### **Update: ExxonMobil Stops Hydrogen Sulfide Leak at Its 192,500 b/d Chalmette, Louisiana Refinery**

ExxonMobil Corp. said it has stopped a leak of hydrogen sulfide that began Tuesday at its Chalmette refinery, and confirmed the company will meet all contractual obligations to its customers as it works to normalize operations.

A loss of cooling water due to the failure of a pump led to a hydrogen sulfide leak.

Reuters, 16:00 October 23, 2012

### **SRU Malfunction Shuts Incinerator at BP's 455,790 b/d Texas City, Texas Refinery October 23**

BP Plc reported emissions at its Texas City refinery Tuesday evening were caused when an upset on the sulfur recovery unit (SRU) caused the incinerator to go down for 15 minutes, according to a filing with the U.S. National Response Center.

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=1028150](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1028150)

### **Compressor Failure at Delta's 185,000 b/d Trainer, Pennsylvania Refinery October 23 Results in Flaring**

Monroe Energy, a subsidiary of Delta Air Lines Inc., reported a compressor failure at its Trainer refinery Tuesday morning resulted in some process gases, including sulfur dioxide, releasing to the main flare, according to a filing with the U.S. National Response Center.

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=1028086](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1028086)

## **Gulf Coast Asphalt Seeks Permission for 71 Million-Gallon Expansion of Its Mobile, Alabama Crude Oil Storage Facility; Plans to Ship in Canadian Heavy Crude via Rail**

The company is seeking permission from local officials and regulatory agencies to expand its Mobile operations by building 20 new oil storage tanks that could hold a total of 71 million gallons. The plan would involve shipping Canadian heavy crude oil to Mobile via rail cars, then pumping it through a pipeline under the Mobile River to a tank storage facility on the east side of the river.

[http://blog.al.com/live/2012/10/gulf\\_coast\\_asphalt\\_seeks\\_71\\_mi.html](http://blog.al.com/live/2012/10/gulf_coast_asphalt_seeks_71_mi.html)

## **Update: Production at Suncor's Firebag Oil Sands Project in Canada Reaches 120,000 b/d**

Suncor Energy on Monday announced its Firebag oil sands facility has reached full design capacity of nearly 120,000 b/d. Quarterly production at the Firebag complex was up over 100 percent from last year's third quarter production of approximately 55,000 b/d. The Firebag stage 4 facility was safely commissioned during the third quarter of this year and steaming of the wells has begun. First oil is expected by year end, approximately 3 months ahead of the original schedule. The expected total production from the Firebag complex will rise to approximately 180,000 b/d once stage 4 reaches full planned capacity.

<http://www.suncor.com/en/newsroom/2418.aspx?id=1680620>

## **Natural Gas**

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Nothing to report.

## **Other News**

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Nothing to report.

## **International News**

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### **Flooding Cuts Nigeria's Oil Output by 500,000 b/d over 'Last Couple of Weeks' – Oil Industry Regulator**

Nigeria lost as much as 500,000 b/d of output during two months of flooding that deluged oil fields in the Niger River delta, officials said. Production dropped from 2.6 MMb/d to 2.1 MMb/d at the height of the floods "in the last couple of weeks," according to Nigeria's oil industry regulator. Producers are gradually restoring production levels to 2.3 MMb/d as the water recedes and producers reopen wells and other affected facilities. Several producers operating the region have been hit. Total SA halted production at its Oil Mining Lease 58, which produces 90,000 b/d, and declared force majeure on natural gas deliveries from the field 10 days ago due to the flooding. Agip was seriously hit at its Obiafo, Mbede, and Oguta fields. Royal Dutch Shell Plc on October 19 declared force majeure on exports of Nigeria's Bonny and Forcados crude grades, which in October accounted for 427,000 b/d of exports, due to damage caused by oil thieves and flooding affecting a third party supplier it did not identify.

<http://www.bloomberg.com/nigeria-s-oil-output-cut-500-000-barrels-by-flood-agency-says.html?cmpid=yhoo>

[http://www.rigzone.com/news/oil\\_gas/a/121554/Total\\_Halts\\_Output\\_at\\_Nigerias\\_OML\\_58\\_Due\\_To\\_Flooding](http://www.rigzone.com/news/oil_gas/a/121554/Total_Halts_Output_at_Nigerias_OML_58_Due_To_Flooding)

## **Energy Prices**

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<b>U.S. Oil and Gas Prices</b>			
October 24, 2012			
	<b>Today</b>	<b>Week Ago</b>	<b>Year Ago</b>
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	84.99	92.00	90.88
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.34	3.27	3.54

Source: Reuters

## Links

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***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 and 1:00 PM Eastern Time every Wednesday.

***Natural Gas Weekly Update*** from EIA

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM Eastern Time every Thursday.

### **ENERGY ASSURANCE DAILY**

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

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