



# ENERGY ASSURANCE DAILY

Friday Evening, March 01, 2013

## ***Electricity***

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### **FPL to Invest More Than \$200 Million in 2013 to Make Electric System Stronger Against Major Storms**

Florida Power & Light Company (FPL) today announced that, as part of an ongoing infrastructure improvement program, it is investing more than \$200 million in 2013 to better prepare its infrastructure to withstand severe storms and improve everyday reliability. Since the program began in 2006, the company has invested more than \$1 billion to upgrade the electric system against major storms. In 2013, FPL will inspect more than 130,000 distribution poles; inspect the structures holding its high-power transmission lines; ensure local, critical infrastructure facilities like hospitals, fire and rescue stations, and 911 communication centers are stronger against severe weather; and ensure that tree limbs, branches, and other vegetation are cleared from all main distribution lines every three years and neighborhood power lines every six years.

<http://www.fpl.com/news/2013/030113.shtml>

### **ERCOT Expects Electric Resources in Texas to Be Tight Again This Summer**

The Electric Reliability Council of Texas (ERCOT) today issued a final seasonal assessment of resource adequacy for spring, and a preliminary assessment for summer. Sufficient resources will be available to meet anticipated spring demand, as long as extreme weather well beyond expected conditions does not occur during the early part of the season when power plants are undergoing maintenance to prepare for summer. The amount of electricity available to meet anticipated summer demand will be tighter. The preliminary summer assessment anticipates a peak demand of 67,998 MW, based on a weather outlook similar to that of 2010 and a slower-growth economic outlook. ERCOT anticipates 73,708 MW of generation capacity before accounting for power plant outages, which typically total about 2,600 MW during an operating day. The final assessment for summer 2013 will be released in May. ERCOT will continue to assess conditions to determine if additional actions should be taken to help protect system reliability this summer, including bringing mothballed units back on-line for the peak season.

[http://www.ercot.com/news/press\\_releases/show/26406](http://www.ercot.com/news/press_releases/show/26406)

### **IESO's 18-Month Outlook Shows Continued Reliability, Evolving Supply Mix in Ontario**

The Independent Electricity System Operator (IESO) on Thursday issued its latest 18-Month Outlook, which shows that Ontario will continue to have adequate generation and transmission capability to meet consumers' needs. During that period, the IESO is expecting more than 3,200 MW of renewable capacity to be connected to the transmission system. By August 2014, total wind and solar generation connected to the province's transmission and distribution systems is expected to reach approximately 6,800 MW. The report also details plans to continue removing coal-fired generation from the supply mix in Ontario. The remaining generating units at the 950 MW Lambton Generating Station and the 1,880 MW Nanticoke Generating Station are scheduled to stop burning coal by the end of 2013, and the conversion of the 211 MW Atikokan Generating Station from a coal-fired unit to biomass is underway, with the unit expected to be in service by the third quarter of 2014.

<http://www.ieso.ca/18-month.outlook.feb2013>

[http://www.ieso.ca/imoweb/media/md\\_newsitem.asp?newsID=6371](http://www.ieso.ca/imoweb/media/md_newsitem.asp?newsID=6371)

<http://www.opg.com/power/thermal/index.asp>

### **Update: TVA's 1,118 MW Browns Ferry Nuclear Unit 3 in Alabama Restarts, Ramps Up to 85 Percent by March 1**

Browns Ferry 3 is returning from an outage that began February 25, when the reactor automatically scrambled due to the actuation of the Reactor Protection System from a turbine trip. On the morning of February 28 the unit was not operating.

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

### **Update: Southern Delays Startup Schedule for Two New 1,100 MW Reactors at Its Vogtle Nuclear Power Plant in Georgia by More Than a Year, Increases Cost Estimates**

Southern Company on Thursday said it is again increasing cost estimates and postponing the planned commercial start dates of two new 1,100 MW nuclear reactors under construction at its Plant Vogtle in Georgia because of regulatory delays and contractor issues, according to a filing with the Georgia Public Service Commission. Originally slated to begin commercial service in April 2016 and 2017, the utility in August pushed back its targeted startup date for the first new reactor to November 2016, with the second coming online the following year. The reactors are now scheduled to begin operating by the end of 2017 and 2018, and are expected to cost the company \$6.85 billion, which is 12 percent more than the \$6.11 billion cost approved by state regulators in 2010.

<http://www.bloomberg.com/news/2013-02-28/southern-delays-new-reactors-18-months-on-license-issues.html?cmpid=yahoo>

### **Update: Southern's 856 MW Hatch Nuclear Unit 1 in Georgia Ramped Up to 98 Percent by March 1**

Hatch 1 is returning from an outage that began February 10, when operators initiated a manual reactor scram due to elevated reactor water conductivity in accordance with station abnormal operating procedures. Operators restarted the unit by February 26.

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

### **Update: TVA's 1,126 MW Sequoyah Nuclear Unit 2 in Tennessee Ramped Up to 77 Percent by March 1**

Sequoyah 2 is returning from an outage that began February 24, when operators manually tripped the unit due to a loss of condenser vacuum indication. Operators determined that a faulty test connection on the B Condenser vacuum pressure switch caused the loss of vacuum indication. Operators restarted the unit February 27.

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

### **Constellation's 118 MW Ace Cogeneration Coal-Fired Unit in California Shut by February 28**

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201302281515.html>

### **Intermountain Power's 900 MW Intermountain Coal-Fired Unit 2 in California Reduced by February 28**

The unit entered an unplanned curtailment of 100 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201302281515.html>

## **Petroleum**

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### **Marathon Extinguishes Storage Tank Pump Fire at Its 451,000 b/d Galveston Bay, Texas Refinery February 28**

Marathon Petroleum Corp. extinguished a storage tank pump fire at its Galveston Bay refinery about an hour after it broke out Thursday afternoon, according to local media reports. A Marathon spokesman declined to say whether the fire, which broke out in hoses connected to the pump, impacted production at the refinery.

Reuters, 18:23 February 23, 2013

### **New Colonial-Buckeye Pipeline Connection at PBF's Paulsboro, New Jersey Refinery Expected to Begin Shipments Last Month**

Colonial Pipeline announced it was expecting in February to begin shipments via a new connection between Colonial Pipeline and Buckeye Pipe Line to enable Gulf Coast refineries to supply eastern Pennsylvania and upstate New York. The connection at the PBF Refinery Paulsboro, New Jersey will allow Colonial barrels to transfer to Buckeye's Paulsboro Pipeline and on to the Malvern and Macungie, Pennsylvania terminals. From those terminals, Buckeye can supply markets in Pennsylvania and New York, including, Lancaster, Scranton, and Harrisburg, Pennsylvania, as well as Buffalo, Rochester, Syracuse, Utica, and other areas of upstate New York.

[http://www.colpipe.com/press\\_release/pr\\_119.asp](http://www.colpipe.com/press_release/pr_119.asp)

## CN to Increase Heavy Northern Alberta Crude Oil Rail Shipments Through LBC Tank Terminals' Geismar, Louisiana Industrial Complex

CN on Thursday announced it will increase shipments of heavy northern Alberta crude oil through LBC Tank Terminals' expanded terminal at Sunshine, located within the Geismar, Louisiana Industrial Complex, starting in March 2013. The increase in shipments is part of CN's plan to develop new markets for northern Alberta crude oil east of the Mississippi River near the Gulf of Mexico. LBC is currently expanding the Sunshine terminal's storage capacity by 160,000 barrels and adding rail unloading spots and steaming spots. The expansion is expected to be completed by October 2013 and will eventually result in total storage capacity of close to 3 million barrels.

<http://www.cn.ca/en/news/2013/02/cn-and-lbc-tank-terminals-team-up>

## Natural Gas

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### Regency Shuts AGI Unit to Repair Gasket at Its 290 MMcf/d Waha Gas Plant in Texas February 28

Regency Energy Partners reported a failure on an acid gas injector (AGI) glycol inlet filter separator gasket led to emissions at its Waha plant Thursday, according to a filing with the Texas Commission on Environmental Quality. Operators shut the AGI unit for repairs.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=179884>

## Other News

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Nothing to report .

## International News

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Nothing to report.

## Energy Prices

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U.S. Oil and Gas Prices			
March 1, 2013			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	90.86	92.93	107.68
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.48	3.28	2.44

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 & 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**

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

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