



# ENERGY ASSURANCE DAILY

Tuesday Evening, October 04, 2016

## ***Storm Watch***

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### **Update: Hurricane Watch, Tropical Storm Watch Issued for Portions of Eastern Florida as Matthew Approaches Eastern Cuba**

A hurricane watch was issued for parts of southeast Florida after Hurricane Matthew hit Haiti as a category 4 storm on Tuesday with 145 mph winds and surging seas that flooded coastal towns, the U.S. National Hurricane Center (NHC) said on Tuesday. NHC said the storm could reach Florida by Thursday evening, prompting a Hurricane Watch for Deerfield Beach, just north of Fort Lauderdale, to the Volusia/Brevard County line, just south of Daytona Beach. Additionally, a Tropical Storm Watch was in effect south of Deerfield Beach. As of 2:00 p.m. EDT, the center of Hurricane Matthew was about 55 miles south of the eastern tip of Cuba moving north at about 10 mph. Matthew is expected to remain powerful through Wednesday evening as it passes Cuba Tuesday night and approaches the Bahamas.

<http://www.nhc.noaa.gov/text/refresh/MIATCPAT4+shtml/041754.shtml>

<http://www.reuters.com/article/us-storm-matthew-idUSKCN1240BH>

## ***Electricity***

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### **FPL Activates Emergency Response Plan in Anticipation of Hurricane Matthew Impacts October 4**

Florida Power & Light Company (FPL) on Tuesday said it activated its emergency response plan in anticipation of severe weather and related power outages. FPL said it was pre-positioning workers and equipment across the state to begin power restoration as soon as it's safe to do so. Approximately 6,300 workers are prepared for rapid restoration, including an additional 2,000 external workers, FPL said.

<http://newsroom.fpl.com/2016-10-04-FPL-mobilizes-restoration-workforce-of-more-than-6-300-employees-and-contractors-urges-customers-to-prepare-for-potential-power-outages-from-Hurricane-Matthew>

### **Progress Energy's 872 MW Brunswick Nuclear Unit 1 in North Carolina Reduced to 72 Percent by October 4**

On the morning of October 3 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

### **Exelon's 1,163 MW Byron Nuclear Unit 1 in Illinois Reduced to 71 Percent by October 4**

On the morning of October 3 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

### **PCWA's 218 MW Middle Fork and Ralston Hydro Unit in California Shut by October 3**

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201610031515.html>

### **Calpine's 135 MW Gas-fired Unit in California Shut by October 3**

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201610031515.html>

### **Update: DEC, DPS Launch Review of Oil Spill at Entergy’s 2,069 MW Indian Point Nuclear Plant in New York October 3**

New York’s Department of Environmental Conservation (DEC) and Department of Public Service (DPS) on Monday announced they were following direction from Governor Andrew Cuomo and launching a “comprehensive review” of an oil spill at Entergy’s Indian Point nuclear power plant in New York. Last Friday, an undetermined amount of oil spilled from the plant into a drainage canal that discharges into the Hudson River. The agencies say an inspection over the weekend turned up “rusted and broken” containment systems that could allow spills to reach the Hudson River. According to an Entergy spokesman, the spill happened after the cooling system for a turbine in a non-nuclear area of the plant malfunctioned, adding that the oil was not radioactive and none was observed in the river. Since 2011 there have been over 40 spills and unexpected shutdown events at Indian Point prompting Governor Cuomo to call for its closure.

[http://www3.dps.ny.gov/pscweb/WebFileRoom.nsf/ArticlesByCategory/9F92814414669BE98525804100749E7F/\\$File/pr16064.pdf?OpenElement](http://www3.dps.ny.gov/pscweb/WebFileRoom.nsf/ArticlesByCategory/9F92814414669BE98525804100749E7F/$File/pr16064.pdf?OpenElement)

Reuters, 1:01 October 4, 2016

### **ERCOT Asks Consumers in Lower Rio Grande Valley, Texas to Limit Peak Hour Electricity Use through October 4**

Electric Reliability Council of Texas (ERCOT), the power grid operator for most of Texas, on Monday asked electricity consumers in the Lower Rio Grande Valley area to limit or reduce electric use where possible through Tuesday, especially during peak demand hours from 3:00 –7:00 p.m. CDT. ERCOT’s Director of System Operations said that tight conditions during peak demand hours are expected over the next few days due to some unplanned electric generation outages, combined with high temperatures in the region. ERCOT ensured that its conservation request is limited to the Lower Rio Grande Valley, and that the ERCOT grid is not experiencing any system-wide issues at this time.

<http://www.ercot.com/news/releases/show/107925>

### **PSC Approves FPL’s Purchase of 330 MW Indiantown Coal-fired Power Plant in Florida September 3**

The Florida Public Service Commission (PSC) on Monday approved Florida Power & Light Company’s (FPL) purchase of the Indiantown coal-fired power plant. FPL plans to shutter operations at the 250-acre site after 2018, but hasn’t yet announced future plans for the site. An FPL spokeswoman said given the property’s proximity to existing transmission and natural gas infrastructure, it could be a prime location for future natural gas and or solar generation. FPL hopes to complete the sale by the end of the year, with operations at the plant initially reduced to 5 percent.

<http://www.floridapsc.com/Home/NewsLink?id=11442>

<http://www.miamiherald.com/news/business/article105684336.html>

## ***Petroleum***

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### **Hurricane Matthew Threatens Statoil, Buckeye Petroleum Terminals in Bahamas**

Hurricane Matthew on Tuesday was threatening to shut in about 33 million barrels of oil storage in the Bahamas and disrupt Caribbean shipping this week. Statoil ASA said it plans to evacuate workers at its 6.7 million-barrel South Riding Point marine terminal in Freeport on Grand Bahama Island, which was placed under a hurricane warning on Tuesday. In addition, Buckeye Partners LP also operates a 26.2 million-barrel marine terminal on Grand Bahama Island, but company officials have not yet commented on the status of its terminal operations. The two terminals “are significant for storage and are used for blending and transshipment of crude and petroleum products,” the president of Lipow Oil Associates said.

<http://www.bloomberg.com/news/articles/2016-10-03/hurricane-matthew-threatens-major-petroleum-terminals-in-bahamas?cmpid=yhoo.headline>

### **PBF Reports Exchanger Problem at Its 182,200 b/d Delaware City, Delaware Refinery October 4**

PBF Energy reported a release of isobutane due to a problem with an exchanger at its Delaware City refinery, according to a filing with the state pollution regulator. The filing added that the problem was corrected.

Reuters, 13:25 October 4, 2016

### **Enbridge Receives DEQ Approval to Install Line 5 Supports in Lake Michigan October 3**

The Michigan Department of Environmental Quality (MDEQ) on Monday issued a permit to Enbridge Pipelines Line 5 (Lakehead) LLC to install four additional helical anchoring support structures on exposed portions of its Line 5, a system of parallel pipelines running beneath the Straits of Mackinac in Lake Michigan. Enbridge informed the DEQ and other agencies this summer that some spots exceed exposure limits because of erosion beneath the pipeline and lakebed. The four additional supports are intended to maintain the integrity and safety of the existing pipeline and to comply with Enbridge's Straits of Mackinac Pipeline Easement, which requires the exposed portions of the pipeline be anchored and/or supported with a minimum distance of 75 feet between supports. Before construction can begin, Enbridge must also acquire a project permit from the U.S. Army Corp of Engineers.

<http://www.michigan.gov/deq/0,4561,7-135--394723--,00.html>

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## **Natural Gas**

### **Enbridge Reports SCOT Plant Shut at Its Pittsburg Gas Plant in Texas October 2**

Enbridge reported operators had to shut the Shell Claus off-gas treating (SCOT) plant temporarily due to issues with air blower pressure. The operator said that inlet rates were cut and plant operations were manually adjusted during the upset. Additionally, the thermal oxidizer was utilized to mitigate emissions while the equipment was brought back online and into compliance as safely and quickly as possible.

<http://www2.tceq.texas.gov/oce/ee/index.cfm?fuseaction=main.getDetails&target=244889>

### **SoCalGas Begins \$3.4 Million Valve Station Upgrade in Palmdale, California October 3**

Southern California Gas Co. (SoCalGas) crews on Monday started a \$3.4 million valve replacement and upgrade project at a natural gas valve station in Littlerock, near Palmdale. The enhancements will include the installation of a new mainline valve with automatic shut-off and remote control capability, and upgrades to an existing mainline valve. The work at the Littlerock valve station is part of SoCalGas' Pipeline Safety Enhancement Plan (PSEP), a multi-billion-dollar program that is testing and updating the region's natural gas pipeline infrastructure, as well as upgrading, replacing or retrofitting hundreds of mainline valves in the system with automatic shut-off technology. Automatic shut-off valves are equipped with a control device that automatically shuts off the flow of natural gas in the event of a large pressure drop. These valves also provide routine pressure control to safeguard against exceeding the pipeline's maximum pressure. The work is expected to continue through February 2017 and is not expected to cause natural gas service disruptions to the local communities of Littlerock, Sun Village, or Palmdale.

<http://sempra.mediaroom.com/index.php?s=19080&item=137203>

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## **Other News**

Nothing to report.

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## **International News**

### **Update: Petroperu Expects Oil Pipeline to Reopen in 4–5 Months – Company President**

Peruvian state-owned energy company Petroperu said its 687-mile crude oil pipeline, which crosses the Amazon Rainforest to feed Petroperu's refinery on the Pacific coast, should resume operations in four to five months after repairs, the company's president said on Monday. Government officials previously said the repairs would take at least a year to reopen the pipeline, which has been shut down since February 2016 due to a leak. In 2016, the pipeline has spilled more than 7,000 barrels of oil in the Amazon from at least seven leaks that resulted from poor maintenance or vandalism, according to data from environmental regulator Oefa.

<http://www.voanews.com/a/petroperu-oil-pipeline-vandalism-reopen-four-five-months/3535845.html>

## Energy Prices

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U.S. Oil and Gas Prices			
October 4, 2016			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	48.62	44.60	45.49
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	2.81	3.05	2.37

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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