



# ENERGY ASSURANCE DAILY

Wednesday Evening, August 24, 2016

## ***Electricity***

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### **TVA Shuts 1,150 MW Watts Bar Unit 2 in Tennessee Due to a Loss of Main Feedwater August 23**

The Tennessee Valley Authority (TVA) reported that on Tuesday, at 1:56 p.m. EDT, operators manually tripped the Watts Bar Nuclear Plant Unit 2 reactor from 43 percent power due to a loss of main feedwater, according to a filing with the Nuclear Regulatory Commission. Concurrent with the reactor trip, the auxiliary feedwater system actuated as designed. All control and shutdown rods were fully inserted, and all safety systems responded as designed. While the cause is currently under investigation, the affected unit is currently stable in Mode 3, with decay heat removal via auxiliary feedwater and main steam dump systems, the filing said. Unit 2 is in a normal shutdown electrical alignment.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2016/20160824en.html>

### **Over 1,300 Customers Remain without Power after CenterPoint Substation Fire Cuts Power to 75,000 Customers in Texas August 23**

CenterPoint Energy reported that a fire from its Kluge substation in northwest Harris County, Texas cut power to approximately 75,000 customers on Tuesday evening. Later on Tuesday evening, CenterPoint announced it had restored power to more than two-thirds of the affected customers. The utility was urging its customers to conserve electricity on Wednesday in order to prevent additional outages as its crews completed repairs from Tuesday's fire. As of 4:30 p.m. EDT, 1,338 customers remained without power.

<http://gis.centerpointenergy.com/outagetracker/>

[https://twitter.com/CNPalerts?ref\\_src=twsrc%5Etfw](https://twitter.com/CNPalerts?ref_src=twsrc%5Etfw)

<http://www.chron.com/news/houston-texas/article/Fire-reported-at-CenterPoint-substation-in-Tomball-9180465.php>

### **FPL Substation Explosion, Fire Cuts Power to 10,000 Customers in Florida August 23**

Florida Power and Light (FPL) responded to a substation explosion and fire in Miami-Dade County that left 10,000 customers without power for several hours on Tuesday. Witnesses reported hearing two explosions coming from the substation, and officials confirmed two transformers had caught fire. FPL had restored service to all customers by 8:00 p.m. EDT, Tuesday.

<http://www.nbcmiami.com/news/local/Possible-Explosion-in-Northwest-Miami-Dade-391076022.html>

<http://www.local10.com/news/explosion-reported-at-fpl-plant-in-miami-dade-county>

### **Exelon's 855 MW Quad Cities Nuclear Unit 2 in Illinois at Full Power by August 24**

On the morning of August 23 the unit was operating at 86 percent.

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

### **AES's 496 MW Redondo Gas-fired Unit 8 in California Returns to Service by August 23**

The unit returned from an unplanned outage that began August 19.

<http://content.caiso.com/unitstatus/data/unitstatus201608231515.html>

<http://content.caiso.com/unitstatus/data/unitstatus201608191515.html>

## Petroleum

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### Update: ExxonMobil Continues Repairs on 90,000 b/d FCCU at Its 560,500 b/d Baytown, Texas Refinery August 24 – Sources

ExxonMobil Corp shut the smaller of two fluidic catalytic cracking units (FCCUs) at its Baytown, Texas, refinery August 16 to repair a leak, said sources familiar with plant operations. Sources said repairs to the 90,000 b/d FCCU 2 were continuing on Wednesday.

Reuters, 10:32 August 24, 2016

Reuters, 14:22 August 16, 2016

### U.S. Crude Stocks Build Unexpectedly as Refineries Cut Output – EIA

U.S. commercial crude oil inventories rose unexpectedly by 2.5 million barrels last week as refineries cut output, the U.S. Energy Information Administration (EIA) said on Wednesday. On the East Coast, crude stocks soared 3.1 million barrels, the biggest build since February 2015, while stocks in Cushing, Oklahoma rose 375,000 b/d last week, EIA said.

Reuters, 11:19 August 24, 2016

## Natural Gas

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### Regency Reports AGI Shutdowns for Repairs, Power Outage at Its 290 MMcf/d Waha Gas Plant in Texas August 23

Operators reported the acid gas injection (AGI) compressor was shut to repair a tubing leak Tuesday evening, according to a filing with state regulators. Shortly thereafter, a power outage shut the AGI unit again, for a period of about 3 hours.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=242114>

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=242115>

### DCP Midstream Reports Flaring at Its 70 MMcf/d Fullerton Gas Plant in Texas August 23

Operators reported emissions were due to a regenerator snag, according to a filing with state regulators.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=242045>

## 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			
August 24, 2016			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	46.24	46.76	38.78
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	2.71	2.71	2.70

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>

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