



# ENERGY ASSURANCE DAILY

Tuesday Evening, April 12, 2016

## ***Electricity***

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### **Update: Exelon's 855 MW Quad Cities Nuclear Unit 1 in Illinois at Full Power by April 12**

The unit returned to full power following a reduction to 86 percent on April 10.

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

### **GWF Energy's 332 MW Tracy Combined Cycle Gas-fired Unit in California Reduced by April 11**

The unit entered an unplanned curtailment of 163 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201604111515.html>

### **FPL Commissions 1,277 MW Gas-fired Port Everglades Next Generation Clean Energy Center in Florida April 11**

Florida Power & Light Company (FPL) on Monday formally commissioned its Port Everglades Next Generation Clean Energy Center – the third in a series of new natural gas-fired power plants commissioned in the last three years. Like the Next Generation Clean Energy Centers at Riviera Beach and Cape Canaveral, the Port Everglades facility replaces a 1960s-era, oil-fired power plant that was demolished in mid-2013. Construction was completed two months ahead of schedule, allowing the plant to officially enter commercial operation on April 1.

<http://newsroom.fpl.com/2016-04-11-FPL-continues-to-advance-clean-affordable-reliable-power-in-Florida-with-commissioning-of-Port-Everglades-Next-Generation-Clean-Energy-Center>

### **ComEd Releases Smart Grid Progress Report Highlighting Results in Illinois April 11**

ComEd on Monday distributed its 2016 Smart Grid Progress Report, *Delivering on the Smart Grid Promise: Laying a Foundation for the Future*. The report demonstrates how the company's \$2.6 billion Smart Grid investment plan is delivering greater power reliability, energy savings, economic development, community investments, and financial assistance to ComEd customers. The Smart Grid Law, passed by the Illinois General Assembly in 2011, is a 10-year grid-strengthening and modernization effort that ComEd is delivering on budget and ahead of schedule.

<http://finance.yahoo.com/news/smart-grid-progress-report-demonstrates-173200536.html>

<https://www.comed.com/documents/about-us/progress-report-final.pdf>

### **DHS, FBI Holding Unclassified Briefings, Webinars on Ukraine Power Infrastructure Cyber Attack, Implications for US Stakeholders**

The Department of Homeland Security (DHS) and the Federal Bureau of Investigation (FBI) have been actively working with the government of Ukraine and other U.S. Federal Government entities to understand the December 23, 2015 attacks against Ukrainian power infrastructure. To increase awareness of the threat and provide additional context for the events in late 2015, DHS and the FBI will conduct unclassified, in-person briefings as well as online webinars for asset owners and supporting personnel. The briefing sessions will provide details about the events surrounding the attack, techniques used by the threat actors, and strategies for mitigating risks and improving the cyber defensive posture of an organization.

<https://secure.inl.gov/ics-cert-briefing/?campaignName=Ukraine%20Cyber%20Attack>

<http://www.foxnews.com/politics/2016/04/11/fbi-warns-cyber-threat-to-electric-grid.html>

### **Update: LyondellBasell Cuts Processing Rates Further Due to VDU Leak at its 263,776 b/d Houston, Texas Refinery April 11; Rates Cut Initially April 8 Due to Coker Fire**

Lyondell Basell Industries was cutting crude intake rates even lower at its Houston refinery due to the discovery of a leak from a 91,000 b/d vacuum distillation unit (VDU), said Gulf Coast Market sources late on Monday. The sources said the refinery was expected have a crude oil intake between 110,000 and 120,000 b/d for the next several days as a leak on the VDU was being repaired. Earlier on Monday, market sources said the refinery was already operating at about 180,000 b/d, or 32 percent below capacity, and 18 percent below planned production levels due to the shutdown of a 42,000 b/d delayed coking unit, which was damaged by a fire April 8. Lyondell began cutting production rates as a fire raged on the older of two coking units, which was thought to have originated in a sidestream circulation pump on the unit, sources told Reuters. The delayed coking unit was expected to be shut for two months of repairs, the sources said.

Reuters, 19:15 April 11, 2016

Reuters, 16:38 April 11, 2016

### **Update: Phillips 66 Returning Its 336,000 b/d Wood River, Illinois Refinery to Normal Operations April 11 after Keystone Pipeline Restarts April 10**

Phillips 66 said its Wood River refinery in Illinois was in the process of returning to normal operations on Monday following the restart of TransCanada's Keystone crude oil pipeline on Sunday. Since April 4, rates at the refinery were reduced and two units were shut due to supply issues stemming from the Keystone pipeline closure on April 2. Reuters, 15:21 April 11, 2016

### **ExxonMobil Locks Down Its 560,500 b/d Baytown, Texas Refinery to Search for Unidentified Intruder April 9; No Suspect Found**

A seven-hour search for a possible intruder into ExxonMobil's Baytown complex on Saturday yielded no results, local law enforcement said. Company officials said a person went inside the plant without permission around 7:30 a.m. CDT, and local media reported that a man with a backpack was thought to have climbed over one of the facility's security gates. The incident prompted a lockdown at the plant, but operations were not affected by the search, which yielded no suspects. Company officials said the lockdown was lifted shortly after 3:00 p.m. CDT on Saturday.

<http://abc13.com/news/lockdown-at-exxonmobil-refinery-in-baytown-after-security-breach/1284001/>

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=51728](http://www.downstreamtoday.com/news/article.aspx?a_id=51728)

### **Unit Upset Leads to Flaring at Marathon's 451,000 b/d Refinery in Galveston Bay, Texas April 10**

Marathon Petroleum Corp. reported an issue with the tail gas analyzer caused a unit upset at its Galveston Bay facility Sunday night, resulting in emissions, according to a filing with state regulators. Operators restored normal operations about three hours later.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=231125>

### **Iowa Landowners File Suit over State's Authorization of Eminent Domain for 570,000 b/d Dakota Access Pipeline**

A group of nine Iowa landowners sued the Iowa Utilities Board last Friday over the state's decision to authorize the use of eminent domain to access land for a Bakken crude oil pipeline. Energy Transfer Partners has planned construction activities for its 1,130-mile Dakota Access Pipeline, which would transport up to 570,000 b/d of Bakken crude oil through North Dakota, South Dakota, and Iowa on its way to Illinois. Dakota Access reported Friday it had acquired voluntary easements for 85 percent of the 1,295 tracts of land along the Iowa section of the pipeline route, indicating that about 195 parcels of land have not yet agreed. The Iowa Utilities Board voted March 10 to approve plans for the pipeline through Iowa, and the state board voted last week commence construction activities pending certain permit approvals. The suit says Dakota Access does not qualify as a utility and should not have the ability to use eminent domain to build a pipeline.

Reuters, 07:01 April 12, 2016

<http://www.desmoinesregister.com/story/news/politics/2016/04/11/iowa-landowners-file-suit-over-bakken-pipeline/82915590/>

## **ARB Midstream Opens NiCon Rail Terminal in Colorado; Plans Shipments of DJ Basin Crude Oil by Late April**

ARB Midstream, LLC reports it will start crude oil shipments from its new trans-loading rail terminal, the Niobrara Connector (“NiCon”), later this month, according to a company executive. The terminal will serve producers and market participants in the greater DJ Basin – Niobrara shale play, located in northeastern Colorado and southeastern Wyoming. The terminal, which is located near Evans, Colorado, is designed to accommodate multiple grades of crude oil with initial storage capacity of 200,000 barrels, and expandable to over 400,000 barrels. The terminal will initially ship out 25 rail cars of crude daily, and at full capacity, will have three rail lines capable of loading 120 carloads each of frac sand and crude daily. Full build-out could take years, the news report added.

<http://www.greeleytribune.com/news/21468589-113/new-rail-facility-up-and-running-to-move#>

<http://arbmstream.com/wp-content/uploads/2014/09/ARB-Midstream-LLC-to-build-Crude-Oil-Trans-Loading-Terminal-in-DJ-Basin.pdf>

## **BLM Approves Enefit American Oil’s Plans for 50,000 b/d Oil Shale Project in Colorado – Associated Press**

The Bureau of Land Management (BLM) has given tentative approval to plans to run pipelines and electricity to a 50,000 b/d oil shale project in northwest Colorado. Oil shale is rock that contains organic matter known as kerogen that, when heated, can produce a liquid oil very similar to crude oil. The Grand Junction Daily Sentinel reports that the BLM on Friday gave preliminary approval to a proposal by Enefit American Oil to move forward with development of the utility corridor on federal lands.

Reuters, 10:46 April 11, 2016

Reuters, 16:47 April 11, 2016

<http://www.gjsentinel.com/news/articles/oil-shale-project-gets-nod>

## **Natural Gas**

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### **DCP Midstream Reports Two Flaring Events at Its 160 MMcf/d Goldsmith Gas Plant in Texas April 9**

An electrical storm in the Permian Basin knocked out power to the plant early Saturday morning, shutting down the engines and turbines, according to a filing with state regulators. Operators routed gas pressure to flare until power was restored about four hours later. Later that afternoon, turbine A shut down due to excess vibration, which also resulted in flaring. Operators restored the plant to normal operation two hours later.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=231048>

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=231050>

### **Compressor Shutdown Leads to Flaring at Regency’s 290 MMcf/d Waha Gas Plant in Texas April 9**

Operators reported flaring after an acid gas compressor shut down early Saturday morning, according to a filing with state regulators. The emissions event continued for 24 hours, the filing said.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=231049>

## **Other News**

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Nothing to report.

## International News

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### TransCanada to Build 886 MMcf/d Natural Gas Tula - Villa de Reyes Pipeline in Mexico

TransCanada Corporation on Monday announced that it has been chosen to build, own, and operate the 36-inch, 261-mile Tula - Villa de Reyes natural gas pipeline in Mexico. Construction of the pipeline is supported by a 25-year natural gas transportation service contract for 886 MMcf/d with the Comisión Federal de Electricidad, Mexico's state-owned power company. TransCanada anticipates an in-service date of early 2018. The pipeline will originate in Tula in the state of Hidalgo, and terminate in Villa de Reyes in the state of San Luis Potosí, transporting natural gas to power generation facilities in the Central region of the country. The project will interconnect with TransCanada's Tamazunchale and Tuxpan - Tula pipelines as well as with other transporters in the region.

<http://www.transcanada.com/announcements-article.html?id=2041994&t>

## Energy Prices

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U.S. Oil and Gas Prices			
April 13, 2016			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b>			
<b>West Texas Intermediate U.S.</b>	42.07	34.29	51.38
\$/Barrel			
<b>NATURAL GAS</b>			
<b>Henry Hub</b>	1.88	1.94	2.63
\$/Million Btu			

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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