



# ENERGY ASSURANCE DAILY

Monday Evening, April 28, 2014

## *Electricity*

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### **Severe Weather Knocks Out Power to 35,000 Entergy Customers in Arkansas April 27**

Strong thunderstorms and high winds moved across Arkansas Sunday knocking out power to about 35,000 Entergy customers. Entergy also reported no transmission switches or breakers remained at its Mayflower substation after it suffered extensive damage from a tornado. As of 3:30 p.m. EDT today, 11,734 Entergy customers remained without power.

[http://stormcenter.entergy.com/article.aspx?NR\\_ID=249](http://stormcenter.entergy.com/article.aspx?NR_ID=249)

<https://www.facebook.com/EntergyARK>

<https://twitter.com/EntergyArk>

### **Update: Progress Energy's 811 MW Brunswick Nuclear Unit 2 in North Carolina Ramps Up to 93 Percent by April 28**

On the morning of April 26 the unit was operating at 40 percent, down from full power by April 24.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

### **Update: Entergy's 1,207 MW Grand Gulf Nuclear Unit 1 in Mississippi Reduced to 51 Percent by April 28**

On the morning of April 27 the unit was operating at 86 percent, down from full power by April 23.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

### **Update: Exelon's 850 MW Dresden Nuclear Unit 2 in Illinois Restarts by April 26, Ramps Up to 17 Percent by April 27**

By the morning of April 26 the unit had restarted and was operating at 1 percent. Unit 2 automatically shut April 14 after experiencing an electrical transient on a power transformer on the non-nuclear side of the plant.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

[http://www.exeloncorp.com/Newsroom/pr\\_20140412\\_nuclear\\_Dresden-2-offline.aspx](http://www.exeloncorp.com/Newsroom/pr_20140412_nuclear_Dresden-2-offline.aspx)

### **FPL's 510 MW Point Beach Nuclear Unit 1 in Wisconsin Reduced to 56 Percent by April 28**

On the morning of April 27 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

### **Entergy's Arkansas Nuclear Plant Shuts 858 MW Unit 2, Reduces Unit 1 to 20 Percent Due to Severe Weather in Arkansas April 27**

Entergy Corp. said it shut unit 2 on Sunday, from 95 percent power, due to grid impacts from severe weather. Unit 1 was reduced to 20 percent, from full power, for the same reason, the company said. Both units were stable, it said, but did not provide a timeline for when the units would return to full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

Reuters, 9:52 April 28, 2014

### **NMC's 522 MW Prairie Island Nuclear Unit 1 in Minnesota Reduced to 42 Percent by April 26**

On the morning of April 25 the unit was operating at 99 percent.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

## **Consumers Energy Announces Construction Resumes on 105 MW Cross Winds Energy Park in Michigan April 28**

Consumers Energy on Monday resumed construction of its Cross Winds Energy Park in Tuscola County, Michigan. The project included necessary maintenance, repair, and upgrades to several area roads needed for transporting wind turbine components and other construction related materials. Wind turbine components are scheduled to arrive at the Cross Winds site by mid-summer. The facility will include 62 wind turbines, with a capacity of 105 MW when it begins generating renewable energy for Consumers Energy customers, scheduled for late 2014.

<http://www.consumersenergy.com/News.aspx?id=7161&year=2014>

## ***Petroleum***

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### **Genesis Energy Announces Open Season for Its Crude Oil Pipeline Originating at Express Pipeline Terminal in Wyoming**

Genesis Energy, L.P. today initiated an open season to solicit shipper interest in its proposed new crude oil transportation pipeline originating at the Express Pipeline LLC terminal in Casper, Wyoming and delivering to Genesis' existing operational Pronghorn unit train loading facility located north of Douglas, Wyoming. Pronghorn is the only rail loading facility in the emerging Powder River Basin and Central Wyoming served by both the BNSF Railway and Union Pacific Railroad. The facility is a double loop design with sufficient track to accommodate two 118-car unit trains at one time and has a flexible 14-car loading system capable of loading a unit train in less than 24 hours, with a target loading time of 15–18 hours. The open season will conclude May 30.

<http://www.genesisenergy.com/index.cfm?md=pagebuilder&tmp=home&pid=155&pnid=1&nid=266>

### **Phillips 66 Reports Feed, Equipment Issues at Its 333,000 b/d Wood River, Illinois Refinery April 27**

Phillips 66 reported feed and equipment issues at its joint-venture Wood River, Illinois refinery, according to a filing with state pollution regulators. The incident on Sunday led to flaring and the release was continuing, the filing made public on Monday said.

Reuters, 4:20 April 28, 2014

### **Total Restarting SCOT Unit at Its 225,500 b/d Port Arthur, Texas Refinery April 28**

Total SA reported it was restarting a SCOT unit at its Port Arthur refinery in Texas, according to a filing with state pollution regulators. The shutdown of the unit led to emissions from the associated sulfur recovery unit.

Reuters, 00:02 April 28, 2014

### **Valero Reports Malfunction at Its 200,000 b/d Corpus Christi, Texas Refinery April 27**

Valero reported a unit malfunctioned on Sunday in the East Plant of its Corpus Christi, Texas refinery, according to a notice filed with the Texas Commission on Environmental Quality. A vapor recovery compressor shut down during the malfunction, triggering the refinery's safety flare system, according to the notice. Sulfur dioxide, nitrogen oxide, and volatile organic compounds were released in the malfunction according to the notice.

Reuters, 17:25 April 27, 2014

## ***Natural Gas***

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### **Update: Williams Partners Assessing Damage, Developing Plans to Bring Its 1.5 Bcf/d Opal Gas Processing Plant in Wyoming Back Online after April 23 Explosion**

Williams Partners was deploying safety measures and performing initial assessment of damage in a small area of one of the five plants on its 160-acre Opal, Wyoming, gas-processing facility that was directly affected by a fire April 23. In coordination with regulatory agencies, the company was assessing damage and developing preliminary plans to bring the other four plants back into service in a safe, systematic, and timely manner. The capacity of the four undamaged plants totals 1.1 Bcf/d which was sufficient to handle all the natural gas currently available to the facility. Although the company had not yet made a full assessment of all plant equipment, the initial visual assessment of damage indicates that the impact was largely limited to a small area of the TXP-3 unit. Information from the company's visual inspection of the damage area indicated there was a release of natural gas that was subsequently ignited. The focus of the investigation was on the cause of the release and source of ignition.

<http://co.williams.com/williams/news-media/opal-wy-update/>

### **Natural Gas Explosion, Fire Reported in Washington April 25**

Fire investigators were working Friday to determine the cause of a suspected natural gas explosion and fire early Friday morning that destroyed several businesses in North Bend, Washington. No serious injuries were reported. Puget Sound Energy immediately cut off power to the site and had the gas flow shut off in about an hour, a spokesperson for Eastside Fire and Rescue said.

<http://www.cbsnews.com/news/natural-gas-explosion-destroys-buildings-in-wash-state/>

### **ANR Pipeline Extends Unplanned Maintenance, Reduces Capacity by 630 MMcf/d at Its Woolfolk Compressor Station in Michigan April 28**

ANR extended the unplanned maintenance at its Woolfolk Compressor Station along its Michigan Leg North located in the Northern Fuel Segment. The extended maintenance reduced the total capacity by 630 MMcf/d, leaving 870 MMcf/d available.

<http://anrbb.transcanada.com/Notices/NoticeView.asp?sPipelineCode=ANR&sSubCategory=Critical&sNoticeId=7044>

### **Southern Union Reports SRU Shut at Its Keystone Gas Plant in Texas April 26**

Southern Union reported the sulfur recovery unit (SRU) shut when an auxiliary burner went down. The auxiliary burner was relit and the SRU was brought back online

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=196995>

## ***Other News***

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Nothing to report.

## ***International News***

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### **Update: Kazakhstan's Kashagan Oil Field May Not Start Output Until 2016 – Financial Times**

Output at Kazakhstan's Kashagan oil field may not start until 2016, the Financial Times reported on Sunday, citing Kazakhstan's minister for economy and budget planning. Production at the offshore deposit started in September 2013 but was halted in early October 2013 after the detection of gas leaks in the pipeline network. Earlier this month French major Total said no oil production was to be expected from Kashagan this year and it was not likely to yield much next year either.

[http://www.rigzone.com/news/oil\\_gas/a/132777/FT\\_Kashagan\\_Output\\_May\\_Not\\_Start\\_Till\\_2016#sthash.qh0gvUtE.dpuf](http://www.rigzone.com/news/oil_gas/a/132777/FT_Kashagan_Output_May_Not_Start_Till_2016#sthash.qh0gvUtE.dpuf)

### **Update: Libyan Oil Port Zueitina to Reopen after Damage Assessed – Justice Minister**

Libya's eastern oil port of Zueitina, which had been occupied by rebels as part of an eight-month oil blockade, will reopen after damage at its facilities has been assessed, the country's justice minister said on Sunday. A committee to investigate oil corruption had been formed, as agreed under a deal between the government and rebels to end a blockade of eastern oil ports, according to the justice minister.

[http://www.rigzone.com/news/oil\\_gas/a/132774/Libyan\\_Oil\\_Port\\_Zueitina\\_to\\_ReOpen\\_after\\_Damage\\_Assessed#sthash.1DLb89YJ.dpuf](http://www.rigzone.com/news/oil_gas/a/132774/Libyan_Oil_Port_Zueitina_to_ReOpen_after_Damage_Assessed#sthash.1DLb89YJ.dpuf)

## Energy Prices

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U.S. Oil and Gas Prices			
April 28, 2014			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	100.43	104.54	92.14
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.70	4.73	4.19

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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