



U.S. DEPARTMENT OF ENERGY  
Office of Electricity Delivery and Energy Reliability  
Infrastructure Security and Energy Restoration

# ENERGY ASSURANCE DAILY

Wednesday Evening, January 30, 2013

## Electricity

### Thunderstorms Cut Power to More Than 91,000 Utility Customers from the Gulf Coast to Ohio January 30

Utilities reported 91,729 customers lost power from the Gulf Coast to Ohio Wednesday as a long line of thunderstorms crossed the United States and numerous tornadoes were reported in the Southeast. As of Wednesday afternoon, nearly 60,000 customers remained without power. The U.S. National Weather Service reports thunderstorms and high winds are expected to continue throughout the night in the Southeastern and Mid-Atlantic regions, and the risk of tornadoes was expected to continue from northern Georgia southwest to the Gulf Coast throughout this afternoon.

Reuters, 11:22 January 30, 2013

<http://www.spc.noaa.gov/products/outlook/day1otlk.html>

| Gulf Coast to Ohio Customer Power Outages |            |               |                 |
|---|------------|---------------|-----------------|
| January 30, 2012                          |            |               |                 |
| Electric Utility                          | State      | Peak          | Latest Reported |
| Alabama Power                             | AL         | 13,600        | 13,600          |
| Entergy Arkansas                          | AR         | 7,900         | 4,598           |
| Georgia Power                             | GA         | 10,200        | 10,200          |
| Ameren Illinois                           | IL         | 1,221         | 1,188           |
| Duke Energy Indiana                       | IN         | 1,300         | 617             |
| Kentucky Power (AEP)                      | KY         | 1,500         | 329             |
| Entergy Louisiana                         | LA         | 5,800         | 904             |
| FirstEnergy (Maryland, West Virginia)     | MD, WV     | 5,422         | 3,306           |
| Entergy Mississippi                       | MS         | 7,100         | 1,170           |
| Duke Energy Carolinas                     | NC, SC     | 16,249        | 16,249          |
| FirstEnergy (Ohio)                        | OH         | 3,000         | 341             |
| Duke Energy (Ohio, Kentucky)              | OH, KY     | 1,100         | 90              |
| AEP Ohio                                  | OH, WV     | 3,300         | 1,540           |
| Entergy Texas                             | TX         | 6,400         | 1,060           |
| Southwestern Electric Power Co. (AEP)     | TX, AR, LA | 2,437         | 678             |
| Appalachian Power (AEP)                   | VA, WV, TN | 5,200         | 4,115           |
| <b>TOTAL *</b>                            |            | <b>91,729</b> | <b>59,985</b>   |

\*Total outages represent only electric utilities listed in this table. Sources:

<https://twitter.com/alabamapower>

<http://viewoutage.entergy.com/ar.aspx>

<https://twitter.com/GeorgiaPower>

<http://apps.ameren.com/outage/OutageMap.aspx?state=IL>

<http://www.duke-energy.com/indiana/outages/current.asp>

<https://www.kentuckypower.com/outages/Default.aspx>

<http://viewoutage.entergy.com/la.aspx>

<http://outages.firstenergycorp.com/mdwv.html>

<http://viewoutage.entergy.com/ms.aspx>

<http://www.duke-energy.com/north-carolina/outages/current.asp>

<http://outages.firstenergycorp.com/oh.html>

<http://www.duke-energy.com/kentucky/outages/current.asp>

<https://www.aepohio.com/outages/>

<http://viewoutage.entergy.com/tx.aspx>

<https://www.swepco.com/outages/>

<https://www.appalachianpower.com/outages/>

## **FPL's 693 MW Turkey Point Nuclear Unit 3 in Florida Reduced to 50 Percent by January 30**

On the morning of January 29 the unit was operating at full power.

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

## **Update: Entergy's 1,207 MW Grand Gulf Nuclear Unit 1 in Mississippi Ramps Up to 48 Percent by January 30**

Grand Gulf 1 is returning from an outage that began January 14, when the reactor scrambled at full power due to what appeared to be a turbine/generator trip. Operators restarted the reactor by January 29.

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

## **Update: Entergy's 1,075 MW Waterford Nuclear Unit 3 in Louisiana at Full Power by January 30**

Waterford 3 is returning from an outage that began by January 22, when a low level condition on steam generator No. 1 caused the reactor to trip. Technicians repaired a valve on the feedwater system, a company spokesman said. Operators restarted the unit by January 24.

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

## **Update: FirstEnergy's 1,235 MW Perry Nuclear Unit 1 in Ohio Ramped Up to 92 Percent by January 30**

Perry 1 is returning from an outage that began January 22, when an automatic Reactor Protection System actuation occurred due to a low reactor water level signal after a blown fuse in the nearby turbine building cut power to feedwater pumps. Cold temperatures due to a draft in an area of the turbine building where the circuit box is located caused the fuse to blow. Operators restarted the reactor by January 27.

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

## **Exelon's 850 MW Dresden Nuclear Unit 3 in Illinois at Full Power by January 30**

On the morning of January 29 the unit was operating at 80 percent.

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

## **Petroleum**

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### **Update: Number of Idled Barges Rises as Section of Mississippi River Remains Closed Near Vicksburg, Mississippi January 30; Cleanup Crews Deployed to Contain Oil Spill**

The U.S Coast Guard on Wednesday reported that more than 1,000 barges were backed up on the Mississippi River near Vicksburg, Mississippi, as marine traffic remained halted after two tank barges towed by the tug *Nature's Way Endeavor* on Sunday collided with the Vicksburg Railroad river bridge. A tank carrying approximately 80,000 gallons of light crude oil was damaged in the collision and continued to leak oil Wednesday. As of midday on Wednesday, 34 northbound vessels hauling a total of 532 barges and 37 southbound vessels with 524 barges were delayed by the 16-mile closure from river mile marker 425 to 441, the Coast Guard said. Cleanup crews have deployed to contain the spill, and they have not detected any oil outside the containment area.

<http://www.reuters.com/article/2013/01/30/us-usa-barges-mississippi-idUSBRE90T18V20130130>

### **PBF Reports Emissions at Its 180,000 b/d Paulsboro, New Jersey Refinery January 29**

PBF Energy Inc. on Tuesday reported sulfur dioxide emissions at its Paulsboro refinery, according to a filing with the New Jersey Department of Environmental Protection.

Reuters, 07:50 January 30, 2013

### **PBF Reports Emissions at Its 190,000 b/d Delaware City, Delaware Refinery January 29**

PBF Energy Inc. reported a hole in a gas pipe led to emissions of hydrogen sulfide at its Delaware City refinery on Tuesday, according to a filing with the U.S. National Response Center. The filing indicated that the company was preparing for repairs.

[http://www.nrc.uscg.mil/reports/rwervlet?standard\\_web+inc\\_seq=1036990](http://www.nrc.uscg.mil/reports/rwervlet?standard_web+inc_seq=1036990)

## **Marathon Reports Burn-Off of Petroleum Byproducts at Its 226,000 b/d Catlettsburg, Kentucky Refinery January 29**

Marathon Petroleum Corp. reported the burn-off of petroleum byproducts at its Catlettsburg refinery on Tuesday to the Kenova Police Department, saying it would last for approximately two hours. Local media reported a continuous noise during this process.

Reuters, 23:11 January 29, 2013

## **Shell Reports Small Fire at Its 156,400 b/d Martinez, California Refinery January 24**

Royal Dutch Shell Plc on Tuesday reported a small brush fire had been extinguished in Zone 3 at its Martinez refinery on January 24, according to a filing with the Contra Costa County Hazardous Materials Program. The fire started in a small pipe tunnel, the filing said.

Reuters, 16:24 January 29, 2013

## **Phillips 66 Considering Options for California Refineries**

Phillips 66 said Wednesday during its fourth-quarter earnings call that it is working to improve profitability at its two California refineries by tapping into cheaper inland U.S. crudes, but it has not ruled out selling the facilities. An executive said the company has completely stopped importing light sweet crude to the U.S. Gulf Coast; replacing those imports instead with cheaper inland U.S. crude.

<http://www.reuters.com/article/2013/01/30/phillips66-california-idUSL1N0AZC0K20130130>

<http://www.phillips66.com/EN/Pages/index.aspx>

## **Valero Plans to Move Canadian Crude Oil by Rail to U.S. Refineries**

Valero Energy has earmarked almost \$1 billion for use in 2013 to increase the amount of North American crude it can bring to its U.S. refineries, and to determine how much it can export overseas. It is exploring how to use rail cars to bring Western Canadian oil to the Gulf Coast. It is also looking at boosting its diesel export capacity from 280,000 b/d to 425,000 b/d.

<http://www.hydrocarbonprocessing.com/Article/3148135/Latest-News/Valero-exploring-use-of-rail-to-move-Canadian-crude-oil-to-US-Gulf-refineries.html>

## **Marathon Will Become Capline Pipeline Operator in September; Studying Flow Reversal**

Marathon Petroleum Corp. told analysts during its fourth-quarter earnings call on Wednesday that it will take over operations of the 1.2 million b/d Capline pipeline from Royal Dutch Shell PLC in September. The pipeline delivers crude oil from the Louisiana Offshore Oil Port to Patoka, Illinois. Marathon continues to study whether to reverse Capline's flow, a move that is made more attractive by the uncertain future of TransCanada's Keystone XL pipeline project.

Reuters 11:02 January 30, 2013

<http://www.foxbusiness.com/news/2013/01/30/marathon-petroleum-to-become-capline-operator-in-september/>

[http://www.marathonpetroleum.com/News/News\\_Releases/Press\\_Release/?id=1779259](http://www.marathonpetroleum.com/News/News_Releases/Press_Release/?id=1779259)

## **Eighty-Eight Oil to Build 80,000 b/d Crude Oil Unit Train Loading Station Near Guernsey, Wyoming Pipeline Hub**

Eighty-Eight Oil (EEO) LLC plans to build and operate a unit train loading station on BNSF Railway Co.'s mainline near the Guernsey, Wyoming crude oil pipeline hub. The station will be directly connected to EEO's existing 2 million-barrel Guernsey crude terminal, which receives oil from Butte Pipeline, Belle Fourche Pipeline, Platte Pipeline, and the Rocky Mountain Pipeline System. The terminal will have an initial capacity of 80,000 b/d but could expand.

<http://www.pennenergy.com/articles/ogj/2013/01/eighty-eight-oil-to-build-wyoming-unit-train-loading-station.html>

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## **Natural Gas**

### **Inlet Filters Fail at Atlas Pipeline's 195 MMcf/d Midkiff Gas Plant in Texas January 29**

Altas Pipeline reported that a mechanical failure caused the horizontal inlet coalesce filters to fail at its Midkiff plant on Tuesday, according to a filing with the Texas Commission on Environmental Quality.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=178676>

## Fire Destroys Devon Energy's Natural Gas Well in Uintah Basin, Utah by January 29

A fire that began at Devon Energy's natural gas well in Uintah Basin, near Roosevelt, Utah, on January 22 continued to burn Tuesday and has destroyed the drilling rig. The well began an uncontrolled release of oil and gas and then ignited. Devon is unsure when officials will be able to extinguish the fire.

<http://www.ubstandard.com/stories/Rig-fire-forces-evacuations,11529>

## Other News

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### White Energy Temporarily Idles 110 MMGal/Year Ethanol Plant in Plainview, Texas

Citing poor profit margins, White Energy said that its ethanol plant in Plainview has been idled since January 7 and will remain closed through March, or possibly until the last quarter of 2013.

Reuters 19:08, January 29, 2013

<http://www.bloomberg.com/news/2013-01-29/white-energy-shuts-ethanol-plant-in-texas-on-high-corn-prices.html>

### Scoular Says 55 MMGal/Year Pratt Ethanol Plant in Kansas Will Reopen This Spring

Scoular Co. on Monday said that it has plans to reopen its ethanol plant in Pratt, which has been closed since 2008, by late this spring. The plant has the capacity to load 100-car trains of grain, dried distillers, grains, and ethanol.

<http://www.kansas.com/2013/01/14/2635981/new-owner-says-pratt-ethanol-plant.html>

## International News

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Nothing to report.

## Energy Prices

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| U.S. Oil and Gas Prices             |       |          |          |
|-------------------------------------|-------|----------|----------|
| January 30, 2013                    |       |          |          |
|                                     | Today | Week Ago | Year Ago |
| <b>CRUDE OIL</b>                    |       |          |          |
| <b>West Texas Intermediate U.S.</b> | 97.74 | 96.37    | 98.40    |
| \$/Barrel                           |       |          |          |
| <b>NATURAL GAS</b>                  |       |          |          |
| <b>Henry Hub</b>                    | 3.14  | 3.63     | 2.51     |
| \$/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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