



# ENERGY ASSURANCE DAILY

Wednesday Evening, November 26, 2014

There will be no Energy Assurance Daily on November 28. The next issue will be published on December 1.

## *Electricity*

---

### **Utilities Prepare for Outages as Winter Storm Moves Up East Coast; Over 43,000 Customers Currently Without Power in West Virginia, Virginia November 26**

Utilities from Virginia to Maine were preparing for winter weather as a snowstorm began moving up the East Coast on Wednesday. As of 1:30 p.m. EST, MonPower was reporting 22,101 customers without power in West Virginia and AEP-Appalachian Power was reporting 3,712 customers without power in West Virginia and 17,187 customers without power in Virginia.

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

[https://www.firstenergycorp.com/content/fecorp/newsroom/news\\_releases/mon-power-monitoring-weather-conditions.html?hootPostID=9f1f1b7f88f6c2e15d4238baeada2b74](https://www.firstenergycorp.com/content/fecorp/newsroom/news_releases/mon-power-monitoring-weather-conditions.html?hootPostID=9f1f1b7f88f6c2e15d4238baeada2b74)

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

<http://www.weather.com/maps/radar>

<http://wvmetronews.com/2014/11/26/snow-slows-thanksgiving-travel-eastern-mountains-hit-with-storm/>

[https://www.psegliny.com/page.cfm/AboutUs/PressReleases/112514-storm?stop\\_mobi=yes](https://www.psegliny.com/page.cfm/AboutUs/PressReleases/112514-storm?stop_mobi=yes)

### **Update: Over 7,500 DTE Customers Remain Without Power in Michigan November 26 after High Winds November 24–25**

High winds, with gusts up to 60 mph, knocked out power to 180,000 customers in Michigan, on Monday. As of 1:30 p.m. EST, today, 7,552 customers remained without power. DTE said the winds caused reports of more than 1,000 downed power lines across the company's Southeast Michigan service area. Crews are expected to get the vast majority of customers who lost power restored by Wednesday night.

<https://www2.dteenergy.com/wps/portal/dte/residential/problemsSafety/details/outage%20center>

<http://www.dteenergy.com/map/outage.html>

### **AEP Texas Reports 11,000 Customers Briefly Lost Power Due to Equipment Failure November 25**

AEP Texas reported an equipment failure led to 11,575 customers being without power for about an hour Tuesday afternoon, a company spokesman said. AEP field crews were performing maintenance about 1:40 p.m. CST on a transmission line running from Flour Bluff to Port Aransas when some of the equipment failed and tripped the line, according to the spokesman. Power for all customers was restored by 2:05 p.m. CST.

<http://www.caller.com/news/local-news/more-than-7000-aep-texas-customers-without-power>

## *Petroleum*

---

### **Flaring at Chevron's 245,271 b/d Richmond, California Refinery Due to Plant Upset – Report**

Flaring at Chevron Corp's refinery in Richmond, California was unplanned and due to an upset at one plant within the refinery complex, according to a Contra Costa Times report on Tuesday. Earlier, Chevron had confirmed some intermittent visible flaring at refinery to allow for the safe de-pressuring of equipment.

Reuters, 20:30 November 25, 2014

### **British Columbia Approves Spectra's 8.4 Bcf/d Westcoast Connector Gas Transmission Pipeline, Pacific NorthWest LNG Export Facility**

The Environment Minister and Natural Gas Development Minister on Tuesday issued Environmental Assessment Certificates for three liquefied natural gas projects in northern British Columbia – the Westcoast Connector Gas Transmission pipeline, the Pacific NorthWest LNG export facility in Prince Rupert, and the Prince Rupert Gas Transmission pipeline. Each project will require various federal, provincial and local government permits to proceed. The Pacific NorthWest LNG export facility is also the subject of a federal environmental assessment. The 8.4 Bcf/d Westcoast Connector Gas Transmission pipeline involves the construction and operation of up to two 48-inch, 534-mile natural gas pipelines from the Cypress Area in northeast B.C. to a new LNG terminal being proposed at Ridley Island near Prince Rupert. The Pacific NorthWest LNG export facility involves the construction and operation of an LNG export facility located on Lelu Island and adjacent water lots in the Port of Prince Rupert. The Prince Rupert Gas Transmission pipeline involves the construction and operation of a 559-mile natural gas pipeline from near the District of Hudson's Hope in northeastern B.C. to the Pacific NorthWest LNG export facility.

<http://www.newsroom.gov.bc.ca/2014/11/three-lng-projects-granted-environmental-assessment-approval.html>

<http://www.spectraenergy.com/Newsroom/News-Archive/Spectra-Energys-Proposed-Westcoast-Connector-Gas-Transmission-Project-Receives-E/>

### **Freeport LNG Starts Construction of Initial Two Gas Liquefaction Trains in Texas**

Freeport LNG Expansion, L.P. (Freeport LNG) on Tuesday announced that its subsidiaries, FLNG Liquefaction, LLC and FLNG Liquefaction 2, LLC, successfully closed on debt and equity financing commitments of approximately \$11 billion in capital required for the development of the initial two trains of Freeport LNG's natural gas liquefaction and LNG loading facility on Quintana Island near Freeport, Texas. With closing on financing, Freeport LNG has completed all milestones and issued a full notice to proceed to CB&I, Inc. and Zachry Industrial, Inc. to construct the first two liquefaction trains of the Freeport LNG liquefaction project. Financing and commencement of construction on the third liquefaction train is expected in second quarter 2015. The first liquefaction train is expected to start operations in third quarter 2018, with the second liquefaction train expected to commence operations five months thereafter.

[http://www.newsrouter.com/NewsRouter\\_Uploads/77/FLEX%20Press%20Release%20-%20T1-T2%20Financial%20Close%20\(FINAL\).pdf](http://www.newsrouter.com/NewsRouter_Uploads/77/FLEX%20Press%20Release%20-%20T1-T2%20Financial%20Close%20(FINAL).pdf)

### **Update: Destin Informed about Work Completion on Wilshire NGL Pipeline November 26**

The Pascagoula Gas Processing Plant (PGP) advised Destin that it has been informed by Tri-States NGL Pipeline that the Wilshire NGL Pipeline work has been completed. Destin said the Pascagoula gas processing plant has been advised by Tri States NGL pipeline that the Wilshire NGL pipeline flows resumed to normal. The 225-mile Destin gas pipeline system can carry 1.2 Bcf/d from offshore Gulf of Mexico to the Pascagoula plant and then north to interconnections with six major interstate gas lines.

<http://www.destin-pipeline.com/>

## **Other News**

---

Nothing to report.

## **International News**

---

### **Yemen's 110,000 b/d Marib Oil Export Pipeline Blown Up, Crude Flows Halted**

Yemen's main oil export pipeline was blown up on Wednesday, halting crude flows, the country's defense ministry and an industry source said. Yemen's oil and gas pipelines have been targeted repeatedly, often by tribesmen feuding with the central government, causing fuel shortages and cutting export. The defense ministry's news website said Wednesday's attack had occurred in the area of Habab in Marib province, halting flows to export facilities on the Red Sea. An industry source confirmed the stoppage in crude flows. Yemen has said oil flows through the Marib pipeline, its main petroleum export route, at a rate of around 70,000 b/d. Before the series of attacks began three years ago, the 270-mile pipeline carried around 110,000 b/d to Ras Isa, the export terminal on the Red Sea.

<http://www.reuters.com/article/2014/11/26/yemen-oil-idUSL6N0TG0QH20141126>

## Energy Prices

---

U.S. Oil and Gas Prices			
November 26, 2014			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	73.88	74.67	93.71
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.13	4.32	3.85

Source: Reuters

## Links

---

***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

---

*Energy Assurance Daily* provides a summary of public information concerning current energy issues. Published Monday through Friday to inform stakeholders of developments affecting energy systems, flows, and markets, it provides highlights of energy issues rather than a comprehensive coverage. *Energy Assurance Daily* is updated online Monday through Friday after 5:00 p.m. ET. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:

<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)