



# ENERGY ASSURANCE DAILY

Monday Evening, December 01, 2014

## Electricity

### Snowstorm Knocks Out Power to Over 824,000 Customers in Northeast November 26–27; Majority Restored by November 30

A major snowstorm knocked out power to 824,600 customers from Maine to Virginia November 26–27. Public Service of New Hampshire (PSNH), the hardest hit utility with over 305,000 customer outages, reported the majority of outages were restored by Sunday. Central Maine Power (CMP), which reported 157,000 customers without power, restored the majority of customers by Saturday night. At CMP’s request, Maine’s Governor issued a Declaration of Emergency late Wednesday night that allowed 60 utility crews from Canada to drive longer hours during the night to join the restoration effort during the day on Thursday.

Northeast Customer Power Outages			
November 26 – 27			
Electric Utility	State	Peak	Latest Reported
Jersey Central Power & Light (JCP&L)	NJ	63,000	Fully Restored
National Grid	MA	20,000	Fully Restored
Western Massachusetts Electric (WMECo)	MA	42,000	Fully Restored
Central Maine Power (CMP)	ME	157,000	Fully Restored
Emera	ME	11,000	Fully Restored
Public Service of New Hampshire (PSNH)	NH	305,000	Fully Restored
Unitil	MA/ME/NH	31,000	Fully Restored
Central Hudson	NY	45,000	Fully Restored
Orange and Rockland	NY	48,000	Fully Restored
Met-Ed	PA	24,000	Fully Restored
PPL Electric	PA	17,000	Fully Restored
Appalachian Power	VA/WV	22,000	Fully Restored
Green Mountain Power	VT	16,100	Fully Restored
MonPower	WV	16,500	Fully Restored
Potomac Edison	WV/MD	7,000	Fully Restored
<b>TOTAL*</b>		<b>824,600</b>	

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

Sources:

<https://twitter.com/emera>

<https://twitter.com/@potomacedison>

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

<https://twitter.com/monpowerwv>

[https://twitter.com/Met\\_Ed](https://twitter.com/Met_Ed)

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

<https://twitter.com/nationalgridus>

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

<https://twitter.com/Unitil>

<http://www.psnhnews.com/press-releases/2014-11-30-9am>

[http://www.centralhudson.com/about\\_us/news/nov28c\\_14.html](http://www.centralhudson.com/about_us/news/nov28c_14.html)

<https://twitter.com/ORUConnect>

<https://www.appalachianpower.com/outages/details.aspx?stormName=November+26+snow+storm+-+Virginia+and+southern+West+Virginia>

<https://twitter.com/greenmtnpower>

[http://www.cmpco.com/OurCompany/News/2014/news14112c.html?stop\\_mobi=yes](http://www.cmpco.com/OurCompany/News/2014/news14112c.html?stop_mobi=yes)

<http://www.cmpco.com/OurCompany/News/2014/news141129a.html>  
<http://www.bostonglobe.com/metro/2014/11/30/thousands-still-without-power-saturday-morning/XxVorzp4JfoHkz3NZFcfhK/story.html>  
<http://abc7news.com/news/hundreds-of-thousands-without-power-after-east-coast-storm/413548/>

### **FPL's 693 MW Turkey Point Nuclear Unit 4 in Florida Shut by December 1**

On the morning of November 30 the unit was operating at 29 percent, reduced from full power by November 29.  
<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

### **FPL's 565 MW Duane Arnold Nuclear Unit in Iowa Reduced to 55 Percent by December 1**

On the morning of November 30 the unit was operating at 91 percent.  
<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

### **Public Service Company Reports Grass Fire Shuts Its Stigler Substation in Oklahoma, Causes 4,000 Outages November 29**

A Saturday grass fire near Whitefield has affected electric lines in Haskell and Pittsburg Counties. The Public Service Company of Oklahoma (PSO) said a grass fire, which began about 7 p.m. CST on Saturday, knocked out power to more than 4,000 PSO customers and also caused PSO's Stigler substation to go down. By 10 p.m. CST about 1,000 outages remained.  
<http://www.newson6.com/story/27508203/southeastern-oklahoma-grass-fire-affects-power-lines>

## ***Petroleum***

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### **ExxonMobil Reports Emissions at Its 238,600 b/d Joliet, Illinois Refinery November 30**

ExxonMobil Corp reported a release from process equipment on November 30, according to the National Response Center.  
Reuters, 11:21 December 1, 2014

### **Total Restarts CDU Furnace at Its 225,500 b/d Port Arthur, Texas Refinery November 26 – Genscape**

Total SA restarted a furnace on the 151,000 b/d crude distillation unit (CDU) at its Port Arthur, Texas, refinery, sources familiar with operations at the plant said on Friday. Energy industry intelligence service Genscape said one of two furnace stacks associated with the CDU, the larger of two at the refinery, was inactive for about three hours on Friday for maintenance work. The CDU's crude intake was reduced while the furnace was down but is increasing to planned levels with the furnace restarted, the sources said.  
Reuters, 16:28 November 26, 2014

### **Kinder Morgan Loses Bid to Extend Injunction against Protesters of the Expansion of Its 300,000 b/d Trans Mountain Pipeline in British Columbia**

Kinder Morgan Energy Partners LP said on Thursday that it would clear its equipment and crews off a mountain in the Vancouver suburb of Burnaby by month-end, after it lost a bid to extend an injunction keeping protesters away from the site. Kinder Morgan, which wrapped up drilling work at one of two sites on Burnaby mountain earlier on Thursday, said it would amend its work plan to ensure the second site was also cleared before the current injunction runs out on December 1. It had asked for an extension to December 12. The company is doing surveying work as part of a regulatory review of a plan to more than triple the capacity of its existing 300,000 b/d Trans Mountain pipeline. Environmentalists, aboriginal groups and many area residents are opposed to the expansion, which would allow the company to ship more tar sands crude from Alberta to a port in Vancouver and on to Asian markets. Kinder Morgan said that while it will not be able to finish all planned work before December 1, it believes it has obtained enough data for the National Energy Board, Canada's energy regulator, to complete its review of the project.  
[http://www.downstreamtoday.com/news/article.aspx?a\\_id=45463](http://www.downstreamtoday.com/news/article.aspx?a_id=45463)

## **Monarch Launches Open Season for 30,000 b/d Crude Oil Pipeline from Texas to Oklahoma**

Monarch Oil Pipeline, LLC today launched an open season to solicit capacity commitments from shippers for a new crude oil pipeline system that will be constructed to gather and transport crude oil from production areas in Hemphill and Lipscomb Counties, Texas (Production Areas) to Plains Pipeline, LP's (Plains) Reydon Station located in Roger Mills County, Oklahoma, with the potential for expansion to other regional interconnects. The new pipeline system will be divided into two primary components, an upstream gathering system to transport crude oil from the Production Areas to the Casey Station, an operational terminal and storage facility in Section 161 in Lipscomb County, Texas, and an 8-inch mainline pipeline that will transport crude oil from the Casey Station to the Plains' Reydon Station interconnect. Monarch projects an initial capacity of 30,000 b/d on both components, but is open to negotiations to increase the pipeline capacity and/or alter its configuration to meet market needs. The open season will end on January 30, 2015.

<http://www.businesswire.com/news/home/20141201005584/en/Monarch-Oil-Pipeline-LLC-Launches-Binding-Open#.VHyH7DHF-5g>

## **Marathon Announces Open Season for 18,000 b/d Illinois to Ohio Expansion December 1**

Marathon Pipe Line LLC (MPL) today has announced a planned heavy crude capacity expansion on the existing crude oil pipeline system originating in Patoka, Illinois and connecting to multiple pipelines and shippers in Lima, Ohio. The prospective project will expand the current system capacity by an additional 18,000 b/d of light equivalent crude oil capacity through the system. The project will provide enhanced access for Ohio and Michigan refiners to the growing crude oil supply available in Patoka. The binding open season for the project will conclude on December 31.

[http://www.marathonpipeline.com/Shippers/Patoka\\_to\\_Lima\\_Expansion\\_Binding\\_Open\\_Season/](http://www.marathonpipeline.com/Shippers/Patoka_to_Lima_Expansion_Binding_Open_Season/)

## ***Natural Gas***

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### **Pembina Pipeline Announces New 100 MMcf/d Gas Processing Plant at Its Musreau Facility in Alberta**

Pembina Pipeline Corporation on Thursday announced it plans to construct a new facility and expand its gas processing capacity at Musreau by 100 MMcf/d for an estimated cost of \$105 million. Musreau III, which is underpinned by long-term agreements with several area producers, involves the construction of a 100 MMcf/d shallow cut facility, which will be built adjacent to Pembina's existing Musreau facility and its nearly complete Musreau II facility. Pembina expects Musreau III to have liquids extraction capacity of approximately 3,000 barrels b/d, subject to gas compositions. Subject to regulatory and environmental approval, Pembina anticipates bringing Musreau III on-stream in mid-2016.

<http://www.pembina.com/media-centre/news-releases/news-details/?nid=135263>

## ***Other News***

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Nothing to report.

## ***International News***

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### **Saudi Arabia Blocks OPEC's Output Cut, Oil Prices Drop**

Saudi Arabia blocked calls on Thursday from poorer members of the OPEC oil exporter group for production cuts to stop a slide in global prices, sending benchmark crude falling to a fresh four-year low. Brent oil fell more than \$6 to \$71.25 a barrel after OPEC ministers meeting in Austria left the group's output ceiling unchanged despite huge global oversupply, marking a major shift away from its long-standing policy of defending prices. OPEC said in a statement that members had agreed to roll over the ceiling of 30 million b/d, at least 1 million above OPEC's own estimates of demand for its oil next year. The wealthy Gulf states have made clear they are ready to ride out the weak prices that have hurt the likes of Venezuela and Iran. Venezuela and Algeria had been calling for output cuts of as much as 2 million b/d.

Reuters, 13:36 November 27, 2014

[http://www.opec.org/opec\\_web/en/press\\_room/2938.htm](http://www.opec.org/opec_web/en/press_room/2938.htm)

## Colombia's 220,000 b/d Cano Limon Oil Pipeline Shut after Attack

Ecopetrol's 485-mile Cano Limon oil pipeline in Colombia was shut for repairs following a bomb attack Wednesday, and the company was investigating reports of a further attack on a stretch of the duct near the Venezuelan border, a press officer said on Friday. Repairs were to be completed over the weekend, but the company was investigating reports of a second attack in the eastern province of Arauca, which could keep it closed for longer if more damage was confirmed.

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=45464](http://www.downstreamtoday.com/news/article.aspx?a_id=45464)

## Iraq Says Oil Exports Reached 2.51 Million b/d in November

Iraq's oil exports rose in November to an average 2.510 million b/d from 2.461 million b/d in the previous month, an oil ministry spokesman said on Monday.

Reuters, 7:21 December 1, 2014

## Energy Prices

U.S. Oil and Gas Prices			
December 1, 2014			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	67.53	75.11	92.11
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.24	4.05	3.87

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>

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