



# ENERGY ASSURANCE DAILY

Tuesday Evening, February 19, 2016

## Electricity

### High Winds Knock Out Power to Over 158,000 Customers in Upper Midwest February 19

High winds knocked out power to 158,406 customers in Illinois, Indiana, Michigan, and Wisconsin on Friday afternoon. The National Weather Service issued a high wind warning with wind gusts of up to 60 mph reported. As of 4:00 p.m. EST Friday, 138,009 customers remained without power. The table below shows total affected customers and the latest reported outages by each utility. The “Affected” column shows either the total number of customers that lost power at one point or another during the outage event as reported by the utility or, when unavailable, the highest number of customers reported without power from various local news articles and utility outage websites, which were checked at various times throughout the day.

Upper Midwest Customer Power Outages February 19, 2016			
Electric Utility	State	Affected	Latest Reported
ComEd	IL	86,001	86,001
Mid American Energy	IA/IL	10,030	451
Ameren Illinois	IL	908	737
Northern Indiana Public Service Company (NIPSCO)	IN	6,614	6,614
Duke Indiana	IN	5,428	2,920
Indianapolis Power and Light	IN	2,061	997
Indiana and Michigan Power	IN	1,851	1,643
Consumers Energy	MI	13,700	13,700
Indiana and Michigan Power	MI	2,120	1,903
Detroit Edison	MI	1,447	1,254
Duke Ohio and Kentucky	OH	9,021	5,253
AEP - Ohio	OH	3,471	3,255
First Energy	OH	1,633	1,569
WE Energies	WI	13,139	11,545
Wisconsin Public Service	WI	982	167
<b>TOTAL*</b>		<b>158,406</b>	<b>138,009</b>

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

Sources:

- [https://www.comed.com/\\_layouts/comedsp/OutageMap.aspx](https://www.comed.com/_layouts/comedsp/OutageMap.aspx)
- <http://apps.ameren.com/outage/OutageMap.aspx?state=IL>
- <https://www.midamericanenergy.com/outagewatch/dsk.html>
- [https://twitter.com/MidAm\\_EnergyCo?ref\\_src=twsrc%5Etfw](https://twitter.com/MidAm_EnergyCo?ref_src=twsrc%5Etfw)
- <http://outagemap.duke-energy.com/in/default.html>
- <https://www.indianamichiganpower.com/outages/outageMap.aspx>
- <http://apps.iplpower.com/outages/outagemap.aspx>
- <https://twitter.com/IPLPower>
- <http://www.nipscooutages.com/WSSNisourceOutageMap/outagemap.html?action=city&reloaded=true>
- <http://www.dteenergy.com/map/outage.html>
- <https://www.consumersenergy.com/outagemap#>
- <https://www.indianamichiganpower.com/outages/outageMap.aspx>
- <http://www.we-energies.com/outagemapext/default.html>
- <https://accel.wisconsinpublicservice.com/outagesummary/view/outagegrid.aspx>
- <http://www.wpc.ncep.noaa.gov/discussions/hpcdiscussions.php?disc=pmdspd>

<http://fox6now.com/2016/02/19/we-energies-more-than-3000-customers-without-power-due-to-gusting-winds/>  
<http://www.wcpo.com/weather/heavy-winds-leave-thousands-without-power-across-tri-state>  
<http://www.press-citizen.com/story/news/2016/02/19/thousands-without-power-iowa-city/80615728/>  
<http://www.mystateline.com/news/high-winds-keeping-stateline-power-crews-busy>

### **Strong Winds Knock Out Power to 10,000 Xcel Energy Customers in Colorado February 18**

Strong winds knocked out power to about 10,000 Xcel Energy customers in the Denver metropolitan area late Thursday afternoon. An Xcel Energy spokeswoman said most customers had power restored within an hour. The company reported a few downed power lines, but the biggest problems were debris entangled in power lines and “galloping conductors.”

<http://kdvr.com/2016/02/18/strong-winds-cause-power-outages-for-10000-customers-including-fox31-denver/>

### **Update: PSE&G’s 1,092 MW Salem Nuclear Unit 2 in New Jersey at Full Power by February 19**

On the morning of February 18 the unit was operating at 52 percent after restarting on February 17. The unit shut from full power on February 14 due to a main generator protection trip.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2016/20160216en.html>

### **BHE Renewables’ 310 MW Solar Star Unit 1 in California Reduced by February 18**

The unit entered an unplanned curtailment of 144 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201602181515.html>

### **Calpine’s 561 MW Los Medanos Aggregate Gas-fired Unit in California Reduced by February 18**

The unit entered an unplanned curtailment of 297 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201602181515.html>

### **EPA Designates Cleco’s 650 MW Dolet Hills Coal-Fired Power Plant in Louisiana Out of Compliance February 17**

The U.S. Environmental Protection Agency (EPA) designated Cleco Corp.’s coal-fired Dolet Hills power plant in Mansfield, Louisiana out of compliance February 17 after determining that the plant emits too much sulfur dioxide. The utility must upgrade its facility in order to comply with the EPA sulfur dioxide emissions standards.

[http://www.bgdailynews.com/epa-cleco-coal-fired-power-plant-out-of-compliance/article\\_789b9d9d-2d14-5e8b-ac8b-44895a0d525f.html](http://www.bgdailynews.com/epa-cleco-coal-fired-power-plant-out-of-compliance/article_789b9d9d-2d14-5e8b-ac8b-44895a0d525f.html)

<https://www.cleco.com/-/power-plants?redirect=https%3A%2F%2Fwww.cleco.com>

## ***Petroleum***

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### **CVR Cuts Runs By Up to 14 Percent at Its 70,000 b/d Wynnewood, Oklahoma Refinery – Chief Executive**

A CVR Refining Chief Executive told analysts earlier this week that margin weakness prompted the company to cut runs by up to 14 percent at its Wynnewood, Oklahoma refinery, and commence maintenance ahead of schedule at its 115,700 b/d Coffeyville, Kansas refinery.

Reuters, 14:39 February 19, 2016

### **Shell Reports Piping Leak in Process Unit at Its Deer Park, Texas Facility February 18**

Royal Dutch Shell Plc said its Deer Park, Texas facility experienced a leak from piping in a process unit. Because the facility houses a 316,600 b/d refinery and a chemical plant, the exact location of the leak was unclear. It was not immediately clear whether the incident took place at the chemical plant or the refinery.

Reuters, 00:17 February 19, 2016

## Update: Motiva's 603,000 b/d Port Arthur, Texas Refinery Delays CDU Restart to Next Week – Sources

Motiva Enterprises delayed the restart of its 195,000 b/d crude distillation unit (CDU) at the company's 603,000 b/d Port Arthur, Texas refinery to next week, sources familiar with plant operations said on Thursday. The CDU, known as VPS-4, was expected to restart by Thursday following the restart of a 49,000 b/d catalytic reforming unit (CRU) 4 by February 13, which was also delayed on February 10 due to difficulties encountered while installing new instrumentation on the unit. The CRU 4, which was also shut as part of a planned seven-week multi-unit overhaul, has returned to operating temperature and is circulating feedstock, but will not resume production until the VPS-4 restart, which is expected by Monday, the sources said.

Reuters, 17:58 February 18, 2016

<https://www.oe.netl.doe.gov/docs/eads/ead021016.pdf>

## Whiting Petroleum to Suspend Plans to Drill 20 Bakken Wells February 19 – Bloomberg

A source familiar with Whiting Petroleum Corp. operations said the company was suspending plans to drill at 20 Bakken and Three Forks well sites. Whiting, which controls 667,000 net acres in the Williston Basin that stretches across North Dakota and Montana, was also shelving a gathering pipeline project, which it hired Tesoro Logistics to build. Public affairs representatives from both companies declined to comment on the matter when reached by phone. North Dakota's rig count has dropped to 41, the lowest level since July 2009, according to the State's Department of Mineral Resources, while production fell by 30,000 b/d in December 2015 from the previous month. <http://www.bloomberg.com/news/articles/2016-02-19/whiting-petroleum-said-to-suspend-plans-to-drill-20-bakken-wells>

## Natural Gas

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Nothing to report.

## Other News

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Nothing to report.

## International News

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Nothing to report.

## Energy Prices

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U.S. Oil and Gas Prices			
February 19, 2016			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	29.54	29.27	51.07
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	1.87	2.12	2.93

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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