



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

# ENERGY ASSURANCE DAILY

Monday Evening, March 03, 2014

## Electricity

### Winter Storm Knocks Out Power to 135,000 Customers in Texas, Mid-South March 2-3

Severe winter weather moved across Texas and the Mid-South on Sunday and into Monday, bringing snow and ice that caused trees to fall on power lines, knocking out power to nearly 135,000 customers across the area. As of 3:30 p.m. EST Monday, utilities in impacted states reported more than 73,000 customers without power. Memphis Light, Gas and Water (MLGW), the hardest hit utility, said that wind, ice, and debris were causing additional outages Monday and that it would take several days to get power fully restored. Entergy Arkansas said it was expecting to get power restored to the majority of its customers by late Tuesday, March 4. AEP Southwestern Electric Power Company (SWEPCO) said it expected full restoration by noon Wednesday, March 5.

Texas and Mid-South Customer Power Outages			
March 2-3, 2014			
Electric Utility	State	Peak	Latest Reported
Entergy Arkansas	AR	27,604	19,419
Entergy Mississippi	MS	10,400	1,821
Memphis Light, Gas and Water	TN	55,000	22,404
Nashville Electric Service	TN	4,755	2,440
Knoxville Utility Board	TN	3,237	3,237
Cumberland Electric Member Corp	TN	2,861	1,497
AEP SWEPCO	TX	16,415	13,431
Oncor	TX	13,000	7,868
CenterPoint Energy	TX	1,203	1,203
<b>TOTAL*</b>		<b>134,475</b>	<b>73,320</b>

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

Sources:

<http://www.etrviewoutage.com/external/ar.aspx>

<http://www.etrviewoutage.com/external/ms.aspx>

<http://www.aepcustomer.com/outagemap/main.aspx?region=swepeco>

<http://azimuth.mlgw.org/OutageSummary.php>

<http://www.nespower.com/OutageMap/default.aspx>

[https://www.kub.org/wps/portal/Customers/Home/SafetyAndOutages/OutageMap!/ut/p/b1/04\\_Sj9S1NDM1Mzc3s9SP0I\\_KSyzLTE8syczPS8wB8aPM4i2NXA08jL0NPP19QiwMPL0MTHwMPFyMDNzN9XOjHBUBOk7CHg!!/](https://www.kub.org/wps/portal/Customers/Home/SafetyAndOutages/OutageMap!/ut/p/b1/04_Sj9S1NDM1Mzc3s9SP0I_KSyzLTE8syczPS8wB8aPM4i2NXA08jL0NPP19QiwMPL0MTHwMPFyMDNzN9XOjHBUBOk7CHg!!/)

<http://cemc.org/outagemap.asp>

<http://www.aepcustomer.com/outagemap/main.aspx?region=swepeco>

<http://stormcenter.ontor.com/default.html>

<http://gis.centerpointenergy.com/outagetracker/index.html>

[http://www.mlgw.com/news/news\\_cresrespondtowinterweather2014](http://www.mlgw.com/news/news_cresrespondtowinterweather2014)

<https://twitter.com/SWEPCoNews>

<https://twitter.com/EntergyMS>

<https://twitter.com/EntergyArk>

<http://www.tylerpaper.com/TP-Breaking+Silent/195698/8000-smith-county-ontor-customers-still-without-power#.UxT0qONdVlw>

### **ERCOT Asks Consumers in Texas to Conserve Electricity March 3-4**

The Electric Reliability Council of Texas (ERCOT), grid operator for most of Texas, asked electric consumers to limit their electric use as much as possible on Monday morning, March 3, and to continue conserving power through Tuesday morning, March 4. ERCOT's peak demand reached 54,549 MW Monday morning and all available generation was being used to ensure the system remained reliable. High demand due to the very cold temperatures and windy conditions is expected to continue through at least Tuesday morning, and generation supplies remain limited.

[http://www.ercot.com/news/press\\_releases/show/26600](http://www.ercot.com/news/press_releases/show/26600)

[http://www.ercot.com/news/press\\_releases/show/26603](http://www.ercot.com/news/press_releases/show/26603)

### **Downed Power Lines Cause 40,000 FirstEnergy Customers in Ohio to Lose Power March 1, Nearly All Outages Restored March 3**

More than 40,000 FirstEnergy customers near Mentor, Ohio, lost power around 11:30 p.m. EST Saturday, the company reported. That number fell to about 10,000 customers by Sunday morning. Fairport Harbor firefighters said downed power lines caused the outages. As of 1:00 p.m. EST today, 124 customers remained without power.

[http://www.cleveland.com/mentor/index.ssf/2014/03/thousands\\_remain\\_without\\_elect.html](http://www.cleveland.com/mentor/index.ssf/2014/03/thousands_remain_without_elect.html)

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

### **Progress Energy's 872 MW Brunswick Nuclear Unit 1 in North Carolina Shut by March 1**

On the morning of February 28 the unit was operating at 97 percent.

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

### **FPL's 839 MW Saint Lucie Nuclear Unit 2 in Florida Shut by March 3**

On the morning of March 2 the unit was operating at 93 percent.

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

### **Update: Exelon's 1,111 MW La Salle Nuclear Unit 1 in Illinois Ramps Up to 56 Percent by March 3**

On the morning of March 2 the unit was operating at 22 percent after restarting by February 28. The unit shut by February 10.

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

### **FPL's 510 MW Point Beach Nuclear Unit 1 in Wisconsin Reduced to 65 Percent by March 1**

On the morning of February 28 the unit was operating at full power.

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

### **Dynegy's 325 MW Morro Bay Gas-fired Unit 3 in California Returns to Service by March 1**

The unit returned from an unplanned outage that began by February 6.

<http://content.aiso.com/unitstatus/data/unitstatus201403011515.html>

### **Dynegy's 325 MW Morro Bay Gas-fired Unit 4 in California Returns to Service by March 1**

The unit returned from an unplanned outage that began by January 9.

<http://content.aiso.com/unitstatus/data/unitstatus201403011515.html>

## ***Petroleum***

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### **Update: Cal-OSHA Says Tesoro Can Restart Unit After Chemical Release at Its 166,000 b/d Martinez, California Refinery**

California Division of Occupational Safety and Health (Cal-OSHA) officials said Friday that Tesoro Corp. could restart a unit that was shut down after a chemical release on February 12 that seriously injured two workers at its Martinez, California, refinery. The state agency told Tesoro to close the unit where octane is added to gasoline six days after the incident.

<http://www.sacbee.com/2014/03/01/6199890/california-refinery-can-restart.html#storylink=cpy>

## **New York Governor Says Officials Have Started Inspecting Rail Yards Handling Bakken Crude**

New York Governor Andrew Cuomo said on Friday officials have launched inspections at state rail yards to protect people from potential accidents involving shipments of volatile crude oil from the Bakken oil fields in North Dakota. On February 27, federal and state officials inspected on rail yard in Albany owned by Canadian Pacific Railroad and another in Buffalo owned by CSX, Cuomo's office said.

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=42450](http://www.downstreamtoday.com/news/article.aspx?a_id=42450)

## **Enbridge Gets Shipping Commitments to Move Forward with 600,000 b/d Sandpiper Pipeline Project to Ship North Dakota Crude Oil to Minnesota and Wisconsin**

Enbridge Energy said in federal filings with the Federal Energy Regulatory Commission that it received enough shipping commitments from companies during its open season to move forward with the \$2.6 billion, 612-mile Sandpiper pipeline to carry 225,000 b/d of North Dakota oil to a hub in northern Minnesota and 375,000 b/d to one in northwestern Wisconsin. The pipeline is expected to be in service in 2016.

<http://www.dailyjournal.net/view/story/b021656a55834695b6224abea79c9a47/ND---Oil-Pipeline-North-Dakota/#.UxSWcvldW5g>

## **EPA Sets Tier 3 Motor Vehicle Emission and Fuel Standards March 3**

The U.S. Environmental Protection Agency (EPA) was finalizing an important rule designed to reduce air pollution from passenger cars and trucks. Starting in 2017, Tier 3 sets new vehicle emissions standards and lowers the sulfur content of gasoline, considering the vehicle and its fuel as an integrated system.

<http://www.epa.gov/otaq/tier3.htm>

## ***Natural Gas***

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Nothing to report.

## ***Other News***

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### **Montana Avalanche Halts Rail Traffic on BNSF's Hi-Line, Raises Concerns for Coal Supply out of Powder River Basin**

An avalanche in the Glacier Park area of Montana over the weekend blocked the tracks on BNSF's northern Hi-Line route across Montana and North Dakota and BNSF said it did not have an estimated time for reopening the track. The railroad was anticipating delays to traffic moving across the northern region. Late coal deliveries on BNSF's network have utility fuel shippers worried about electric supply reliability as a cold winter and higher coal burns eat into their coal stockpiles, particularly along the Hi-Line. Powder River Basin producers are losing an estimated 4 million short tons/month (3.62 million metric tonnes/month) of output because of the delays, according to Brean Capital. The cold, snowy winter, a late grain harvest and the Bakken crude-by-rail boom have congested traffic on the Hi-Line since last fall.

<http://www.argusmedia.com/pages/NewsBody.aspx?id=892098&menu=yes>

## ***International News***

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### **Iraq Official Says Oil Exports Climbed to 2.8 Million b/d in February**

Iraq's daily oil exports hit 2.8 million b/d in February, a half million barrels more than in the previous month, as international oil companies developed fields and export infrastructure, a senior official said on Saturday. The country's deputy prime minister for energy, said Saturday that average production, including the exports, exceeded 3.5 million b/d last month. The Oil Minister, said his ministry plans to pump 3.7 million b/d this year and to raise exports to nearly 3 million b/d.

<http://finance.yahoo.com/news/iraq-official-says-oil-exports-133709947.html>

## South Sudan Has Control of Main Oil Fields, Output Steady at 160,000 b/d

South Sudan's oil production is little changed since last month at 160,000 b/d, foreign workers are back at work, and the government is in control of the oil fields in the main producing area of Upper Nile state, the oil minister said on Sunday. Production was still down a third on the 245,000 b/d recorded before the conflict first started in December.

[http://www.rigzone.com/news/oil\\_gas/a/131877/South\\_Sudan\\_Says\\_in\\_Control\\_of\\_Main\\_Oil\\_Fields\\_Output\\_Steady#sthash.0cRUHPMK.dpuf](http://www.rigzone.com/news/oil_gas/a/131877/South_Sudan_Says_in_Control_of_Main_Oil_Fields_Output_Steady#sthash.0cRUHPMK.dpuf)

## Energy Prices

U.S. Oil and Gas Prices			
March 3, 2014			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	102.88	103.17	90.86
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.74	6.21	3.48

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

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<http://www.oe.netl.doe.gov/ead.aspx>

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