



Winter Storm Situation Report #2  
December 7, 2013 (3:00 PM EST)

[http://www.oe.netl.doe.gov/emergency\\_sit\\_rpt.aspx](http://www.oe.netl.doe.gov/emergency_sit_rpt.aspx)

Highlights:

- As of 3:00PM EST, December 7, the severe winter storm that affected much of the central United States is tapering off in the east. The storm is still projected to affect several states through tomorrow (December 8). Weather advisories are still in effect.
- The National Weather Service reports that freezing rain and sleet are possible from parts of the Lower Mississippi Valley to the Central Appalachians/Northern Mid-Atlantic and snow from the Middle Missouri Valley to the Upper Great Lakes and over parts of the Mid-Atlantic. Heavy rain is also possible from the Lower Mississippi Valley to the Tennessee Valley.
- As of 3:00PM EST, December 7, nine states are reporting significant outages as a result of the winter storm for a total of 161,142 storm-related customers without power in the affected states. Customer outages are down from 286,718 as reported in Situation Report #1 at 3:00PM yesterday (December 6).
- As of 10:00AM EST, December 7, States of Emergency have been declared in Arkansas, Missouri, Oklahoma, and Tennessee. A State of Disaster was declared in Texas.

Summary:

Electric Outages by State		
Impacted State	Current Customer Outages	Percentage of Customers
Arkansas	19,109	1%
Florida	2,281	< 1%
Indiana	1,373	< 1%
New York	1,155	< 1%
North Carolina	4,440	< 1%
Oklahoma	4,381	< 1%
Pennsylvania	3,133	< 1%
Texas	120,860	< 1%
West Virginia	4,410	< 1%
<b>TOTAL:</b>	<b>161,142</b>	

**Note:** States with fewer than 1,000 outages are not included in the table. Due to a large number of service providers, including investor owned utilities and cooperatives, the number of customer outages reported may not be comprehensive.

**Sources:** Outages obtained from company web sites and DOE communications. Total State customers are based on 2011 EIA Customer Data.

- Customer outages in Texas are down from 225,832 as reported yesterday, December 6, 3:00PM EST in Situation Report #1. They are still concentrated in metropolitan Dallas, specifically Dallas and Collin counties.
- The majority of customers without power in Arkansas are in Polk, Sebastian, and Pope counties.



## DOE Actions:

- ESF-12 HQ staff are tracking the progress and monitoring the effects of the Winter Storm and are in close communication with industry and federal partners.
- As of 12:00 PM EST on December 5, the FEMA Regional Response Coordination Center (RRCC) Region VI, in Denton, Texas, activated due to the hazardous winter weather impacting the area. ESF-12 is activated and supporting RRCC Region VI.
- **The FEMA National Watch Center has resumed Normal Operations (from Enhanced Watch) and continues to monitor the situation.**

## Petroleum & Natural Gas Information

- As of 2:30PM EST, December 7, no oil and gas production companies, refineries, natural gas processing plants, or ports report being affected by the Winter Storm.

### Natural Gas Pipelines

- El Paso Natural Gas reported December 5, that it continues to work toward maintaining higher linepack as the forecasted winter weather settles into its service area. Below average temperatures impacting the San Juan supply basin increase the potential for supply shortfalls due to freeze-offs in both the San Juan and Permian supply basins. Kinder Morgan's 10,200-mile El Paso Natural Gas (EPNG) pipeline system transports natural gas from the San Juan, Permian and Anadarko basins to California - its single largest market. In addition, EPNG moves product to Arizona, Nevada, New Mexico, Oklahoma, Texas and northern Mexico.
- On December 5, Northern Natural Gas called a "system overrun limitation" (SOL) due to lower-than-normal system-weighted temperatures. The SOL notifies customers that they can't take gas above their maximum daily quantity. An SOL is issued in the event that the pipeline operating system integrity is in jeopardy. The SOL applies to portions of the Northern Natural Gas system that cover Nebraska, South Dakota, Iowa, Illinois, Minnesota and Wisconsin.

## Electricity Information:

### Nuclear Generation Facilities

- As of 3:00 PM EST, December 7, there are no disruptions to nuclear power operations associated with the storm.

### Utility Actions

#### Arkansas

- **Electric Cooperatives of Arkansas reported outages are concentrated at Arkansas Valley Electric of Ozark and Rich Mountain Electric of Mena. Additional crews have been dispatched to assist with restoration efforts.**
- **Entergy Arkansas reports that remaining customer outages in Northeastern Arkansas should be restored by this evening (December 7). Customers in Northwestern Arkansas (Pope, Yell, and Scott Counties) should be restored by Sunday night. Entergy Arkansas received 400 personnel from Georgia Power to assist with restoration. Entergy Arkansas also received crews today (December 7) from Entergy Texas predominantly to work in the Hot Springs areas.**



- North Little Rock Electric Department reported no major outages but it continues to stage crews to respond, as needed.
- AEP SWEPCO reported yesterday (December 6) that it was still in damage assessment mode. Customers in some of the affected areas should expect multi-day outages. Approximately 550 line, tree, and support personnel from Oklahoma, Alabama, Missouri, Arkansas, Louisiana and Texas are working in the storm recovery effort.

## Illinois

- Ameren Illinois reported yesterday (December 6) that its crews are ready to respond. Thursday (December 5), it reported that four storm trailers have been moved to the southern part of the state in preparation for the winter storm.

## Indiana

- SEMO Electric Cooperative reported Thursday (December 5) that its crews are reeling out extra wire, fueling up the trucks, and stocking up on extra transformers. Arrangements are in place for crews from other parts of the state of Missouri to assist.

## Kentucky

- Tennessee Valley Authority reported Thursday (December 5) that it is preparing to deal with icy weather in West Tennessee and Kentucky.

## Ohio

- Dayton Power & Light reported Thursday (December 5) that they are pre-staging personnel to respond to customer outages as a result of the ice and snow expected last night and today.

## Oklahoma

- Oklahoma Gas & Electric Company reported today (December 7) that the Fort Smith area, Charleston, and Paris estimate for restoration is late this evening dependent upon the amount of tree damage in the area. Crews have restored outages in the Yukon/Piedmont areas and they continue to work on customers still affected by the storm.
- American Electric Power (AEP)- Oklahoma reported today (December 7) that outages are down in southeast Oklahoma. AEP reported on December 5, that it has over 700 personnel ready to respond to outages.

## Tennessee

- Nashville Electric Service reported yesterday (December 6) that it is watching the weather and is on standby.
- Tennessee Valley Authority reported Thursday (December 5) that its crews are preparing to deal with icy weather in West Tennessee and Kentucky.

## Texas

- Texas New Mexico Power reports that additional crews, tree trimmers, and linemen have reached impacted by the storm including the Celeste, Sylvan & other communities.



- Oncor reported today (December 7) that nearly all of its customers will have power restored by late Sunday night (December 8). Oncor has added 1,200 personnel to the restoration workforce by bringing more personnel from other utilities to assist in repairs. 140,000 customers have restored power from a peak of 270,000. Gulf Power sent a storm team of 74 employees to assist Oncor today (December 7).
- Entergy Texas reported yesterday (December 6) customer power should be restored by this evening today (December 7).

## Virginia

- American Electric Power- Appalachian Power reported today (December 7) it is preparing for the possible ice storm outages this weekend.
- Bath Alleghany Rockbridge Electric COOP reported yesterday (December 6) it is prepared to respond to power outages. 30 additional linemen will arrive today (December 7).
- Craig Botetourt Electric Cooperative reported today (December 7) that crews have been dispatched to Potts Creek, Cove Creek, and Eagle Rock. Cove Creek has been restored and crews are in process of restoring Eagle Creek.
- Dominion-Virginia reported today (December 7) it is monitoring the storm and prepared to respond.

## State Government Information:

### Arkansas

- Governor Mark Beebe signed a State of Emergency declaration Thursday (December 5).

### Missouri

- Governor Jay Nixon activated State Emergency Operations Center to 24 hour a day operations in preparation for the winter storm on December 5.

### Oklahoma

- Governor Mary Fallin declared a State of Emergency Thursday (December 5). The State Emergency Operations Center has also been activated.
- The Oklahoma Department of Emergency Management (OEM) is working with local emergency managers across the state as well as numerous emergency response and recovery partners (e.g., Oklahoma Highway Patrol, Oklahoma National Guard, and Oklahoma Department of Transportation).
- Industrial size generators are pre-positioned within the state to provide power to emergency shelters and water treatment plants in the event that they are required. FEMA generators are available to augment the industrial size generators OEM already has positioned around the state.

### Tennessee

- Governor Bill Haslam declared a State of Emergency Thursday (December 5).

### Texas

- Governor Rick Perry declared a State of Disaster Thursday (December 5) for 142 counties with the worst impacts occurring in the counties along and close the Red River, as well as, the Dallas/Fort Worth Metroplex.



- On Wednesday, December 4, the governor activated the Texas Military Forces to preposition assets in preparation for the storm. State resources currently responding include:
  - 54 Texas Military Forces personnel and 20 supporting vehicles prepositioned in Wichita Falls and Sherman to assist with rescuing stranded motorists.
  - Texas Department of Transportation officials are treating roadways in affected areas. Regional offices are monitoring the situation and remain ready to provide additional assistance as necessary.
  - The Public Utility Commission is monitoring power outages due to ice and coordinating any necessary response with utility companies.