



U.S. Department of Energy  
Office of Electricity Delivery and Energy Reliability

2011 Spring Storm Report #1

April 28, 2011 (1:00pm EDT)

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

## Summary

Electricity		
Impacted State	Electric Customer Outages	% of State Out
Alabama	395,000	16%
Arkansas	20,466	1%
Georgia	23,332	1%
Louisiana	20,519	1%
Mississippi	7,959	1%
North Carolina	12,892	1%
Ohio	69,094	1%
Pennsylvania	36,958	1%
South Carolina	3,648	<1%
Tennessee	113,497	1%
Virginia	26,687	1%
West Virginia	2,480	1%
<b>TOTAL:</b>	<b>732,532</b>	

**Note:**

States with less than 1,000 outages are not included in the tables.

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 2008 EIA Customer Data.

### Highlights:

- Beginning Wednesday April 27, 2011, severe storms with heavy rain, hail, and tornadoes impacted States in the Mid-Atlantic and Southern regions. As of 12:00 pm EST, April 28, 2011, the impacted States report a total of 732,532 customers without power. Restoration efforts by electric utilities are reported below.
- According to the Tennessee Valley Authority (TVA), the storm caused all three nuclear reactor units at the Browns Ferry Nuclear Plant in Alabama to shut down at 5:36 pm EDT April 27th. The units were automatically and safely shut down after offsite transmission lines serving the plant were damaged. As of 11:15 am EDT today (April 28), units 2 and 3 have achieved cold shutdown and staff are bringing unit 1 into cold shutdown. The plant's onsite diesel generators and one 161 kV transmission line are providing power to the plant.



## **ESF 12 Actions:**

- ESF-12 has been activated at the National Response Coordination Center (NRCC) in Washington, DC.

## **Restoration Activities:**

- Alabama Power is reporting mutual assistance crews from as far as Illinois are helping with the restoration efforts. They have approximately 1500 crew members in the field working to restore power.
- Huntsville Utilities in Alabama stated today (April 28) that its customers could be without power for five days.
- Entergy Louisiana's outages are concentrated in rural Jackson Parish below Jonesboro and into Winn Parish. Entergy Louisiana expects most customers' power to be restored by tonight (4/28) or early Friday (4/29) morning, although it may be Saturday (4/30) before some power is restored in Jackson Parish.
- TVA reported today (April 28) that 77 transmission lines are out of service, down from the peak of 90 transmission lines out of service.