



# NORTH AMERICAN ELECTRIC RELIABILITY COUNCIL

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**FOR IMMEDIATE RELEASE**

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## **Preliminary Disturbance Report August 14, 2003 Sequence of Events**

The following information represents a partial sequence of events based upon Reliability Coordinator information available to NERC. It is not clear if these events caused the event or were a consequence of other events. NERC is establishing teams to study the event and will coordinate with FERC, DOE, the industry and others.

Approximate times – Eastern Standard Time – MISO report only

14:06 Chamberlain – Harding 345 kV line tripped – cause not reported  
14:32 Hanna – Juniper 345 kV line sagged and tripped  
14:41 Star – S. Canton 345 kV line tripped  
14:46 Tidd – Canton Ctrl 345 kV line tripped  
15:06 Sammis – Star 345 kV line tripped and reclosed  
(the preceding lines are located in the vicinity of Cleveland, Ohio)  
15:08 Power swings noted in Canada and Eastern United States  
15:10 Campbell # 3 tripped ??  
15:10 Hampton – Thetford 345 kV line tripped  
15:10 Oneida – Majestic 345 kV line tripped  
15:11 Avon Unit 9 tripped  
15:11 Beaver – Davis Besse  
15:11 Midway – Lemoyne – Foster 138(?) kV line tripped  
15:11 Perry Unit 1 tripped  
15:15 Sammis – Star 345 kV line tripped and reclosed  
15:17 Fermi Nuclear tripped  
15:17–15:21 Numerous lines in Michigan tripped

The northeastern United States and Canada did not report significant outages prior to 15:11 EST.

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NERC is a not-for-profit company formed as a result of the Northeast blackout in 1965 to promote the reliability of the bulk electric systems that serve North America. NERC works with all segments of the electric industry as well as customers to “keep the lights on” by developing and encouraging compliance with rules for the reliable operation of the electric grid. NERC membership comprises ten Regional Reliability Councils that account for virtually all the electricity supplied in the United States, Canada, and a portion of Baja California Norte, Mexico. For more information about NERC go to [www.nerc.com](http://www.nerc.com).