













CS4950/5950 Homeland Security & Cybersecurity

Electricity Infrastructure

- \$4-\$10 billion in economic losses are attributed to the blackout, as was a 0.7% drop in Canada's gross domestic product.
- A John Hopkins study determined that 90 people in New York City died as a direct result of the power outage.

2003 NE Blackout

- \$4-\$10 billion economic loss
- 0.7% drop in Canada GDP
- · 90 NYC residents died



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- In 2006, DHS and DOE conducted a joint experiment called Project Aurora.
- In this experiment, researchers demonstrated how an electricity generator could be remotely commanded over the Internet to self-destruct.
- The video can be found on You Tube.



















