Security of the US Power System

Jimmy Glotfelty
Final Report on the August 14, 2003 Blackout in the United States and Canada:

Causes and Recommendations

April 2004
Recent Ted Koppel Book

LIGHTS OUT
A Cyberattack
A Nation Unprepared
Surviving the Aftermath
TED KOPPEL
Distributed networks allow for many more entry points.
And if they are successful??

“They don’t care if they get caught,“

Dmitri Alperovitch, McAfee
Government/Industry Collaboration is happening
Conclusion

• Cyber and physical security ARE vulnerabilities of our system

• Cyber hackers are just getting started

• Cyber efforts change daily and hourly

• NO way to protect from each and every attack

• Best, not perfect, Solution – Redundancy in our System.