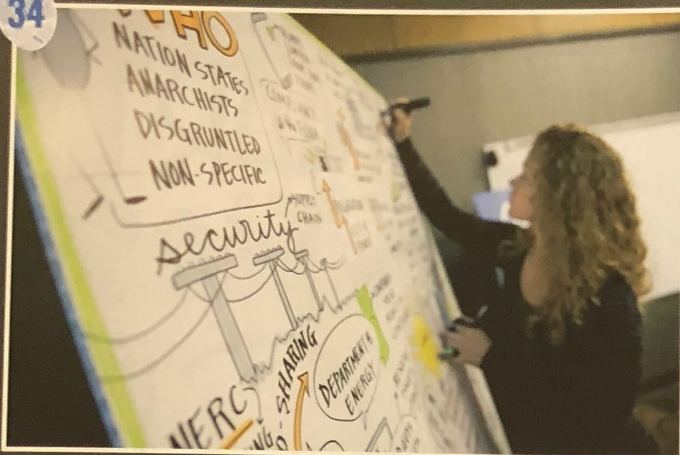




DAWN OR DOOM '16 & '17

THE RISKS AND REWARDS OF EMERGING TECHNOLOGIES

PURDUE
UNIVERSITY



A cyberattack can cause actual physical damage to the power grid, and when that physical damage occurs the solution is not as simple as closing the breakers that the attackers open. You need to replace equipment, which can take a long time.

UNDERSTANDING THE PERILS OF OUR POWER GRID SECURITY

Chris Unton

Practice Lead, Utilicast

As the equipment to operate our electrical power systems becomes increasingly computerized and connected, we face an increasing risk of a cybersecurity breach disabling or damaging the grid and leaving us in the dark.



Barbara J Alder @BarbaraAlder1 · 4 Oct 2016

No technology can completely prevent bad human behavior.



Barbara J Alder @BarbaraAlder1 · 4 Oct 2016

First hackers caused power grid outage in Ukraine, 220,000 customers out. Then hackers caused denial of service at call center. #DawnOrDoom

