Electric Sector Approach to Grid Security

Federal Utility Partnership Working Group Seminar
Nashville, TN
April 19, 2018
Overview

- The Threat Landscape
- Real World Events
- Approach to Grid Security
- Industry-Government Partnership
- Distribution Grid Security
Threat Landscape
Perception vs. Reality

- Energy Services Group March/April 2018
- Russian Sanctions March 2018
- Ukraine Cyber Attacks December 2015 & 2016
Our Approach to Grid Security

**Regulations**
- Physical
- Cyber

**Industry-Government Partnership**
- Electricity Subsector Coordinating Council (ESCC)
- Electricity Information Sharing & Analysis Center (E-ISAC)
- Partnerships with federal, state, & local governments

**Incident Response**
- Grid Resiliency
- Mutual Assistance
- Spare Equipment Programs
Distribution Grid Security

- New technologies and increased connectivity create new risks
- Distribution system owners are responsible for grid operability and reliability
- There are key differences between the transmission and distribution networks
- Protection of critical infrastructure is a shared responsibility
- More collaboration among public and private stakeholders is needed
Thank you!

Questions?

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