

# Utility Security & Resiliency: Working Together

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Laura Hussey

Manager, Security, Infrastructure & Operations

Edison Electric Institute

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# Who Is Edison Electric Institute?

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- Trade association representing investor-owned electric utilities.
- What do we do?
  - Lobby Congress
  - Work with agencies to implement laws
  - Work with member companies (through our committees) to develop industry leadership on policy and develop/share best practices on operational issues

# What Do I Do?

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- Manage EEI programs to work with members on security and business continuity issues
- Staff EEI Security Committee
- Staff EEI CEO Business Continuity Task Force and supporting working group
- Staff support for EEI CEOs on Electric Sector Steering Group

# Key EEI Security Objectives

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1. Develop next generation of security leadership to address changing security needs (e.g., greater emphasis on cyber security)
2. Under CEO leadership, coordinate the entire suite of EEI activities to ensure that the industry has a comprehensive approach to business continuity
3. Provide a trusted forum for sharing and developing effective security best practices

# Key Activities

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- EEI Security Committee – extensive network of electric industry security professionals
  - Two conferences a year – open to any electric utility security professional (not just EEI members)
  - Moving from physical security to balance of physical and cyber security professionals
- CEO Involvement
  - EEI Business Continuity Task Force
  - NERC Electric Sector Steering Group
- Spare Transformer Equipment Program

# EEL Cyber Security Activities

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- Aurora – June 21, 2007 NERC Advisory
  - Facilitated industry conference calls
  - Through EEL Security Committee, facilitating sharing of best practices to ensure full mitigation
- Monthly EEL Cyber Security Subcommittee calls
  - Awareness of current cyber environment, including recently disclosed vulnerabilities
  - Sharing of information from industry forums
- Cyber security track at EEL Security Conference

# Spare Transformer Equipment Program

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- Initiated at request of EEI CEOs after Sept. 11 attacks
- A group of industry technical and business experts was formed to explore options
- **Result**: a program, governed by a binding contract, the Spare Transformer Sharing Agreement
- **Goal**: to have enough spares to recover from significant, coordinated attacks on utility substations

# STEP, Cont'd

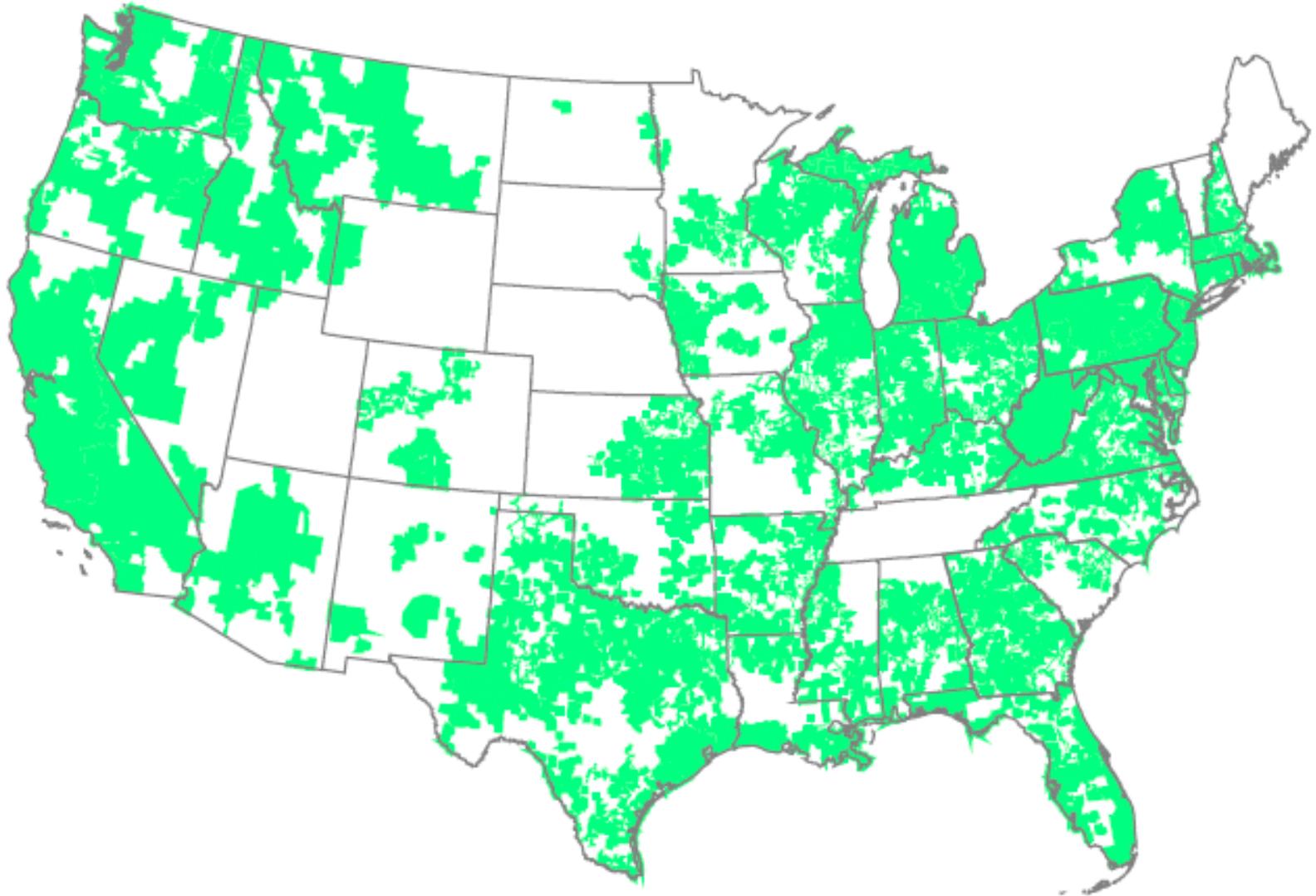
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- 49 utilities have signed so far (program is open to any utility in the US or Canada)
- Which transformers? Any voltage as long as three parties want to share in that class
- Utilities are contractually committed to:
  - share spares
  - perform annual recovery self-assessments, identify system reconfigurations options to recover load upon loss of their most critical substations.

# How Does STEP Improve Preparedness?

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- The program has:
  - facilitated an increase in numbers of spare transformers.
  - increased member utility knowledge of available spares compatible to their system
  - confirmed there is an adequate transportation infrastructure to move a large number of spares concurrently
  - established communication procedures to expedite requests for spares as well as mutual assistance for substation restoration.



# Questions?

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- Laura Hussey
  - 202-508-5064
  - [lhussey@eei.org](mailto:lhussey@eei.org)