



## **David Batz**

Senior Director, Cyber and Infrastructure  
Security  
Edison Electric Institute

***"A lie gets halfway around the world before the truth has a chance to get its pants on."***

September 11, 2014

<https://tinyurl.com/y79elp9u>

# CMA



## Cyber Mutual Assistance

*A Program of the Electricity Subsector Coordinating Council*

**\*Exercise Exercise Exercise\***



## Purpose

The ESCC is the **principal liaison** between the electric sector and the federal government for coordinating efforts to prepare for, and respond to, national-level disasters or threats to critical infrastructure.

# ESCC

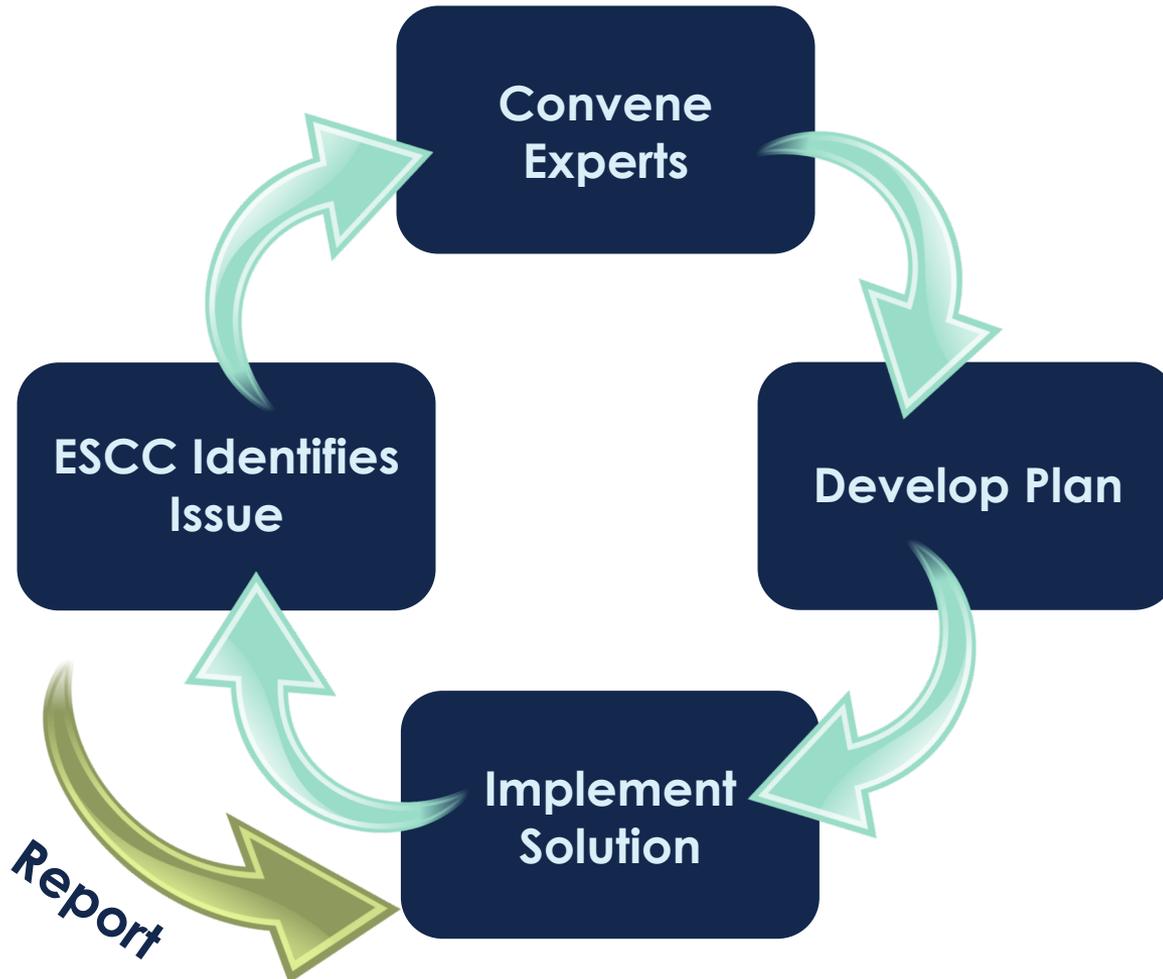
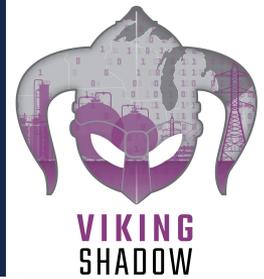
Electricity Subsector  
Coordinating Council

**\*Exercise Exercise Exercise\***

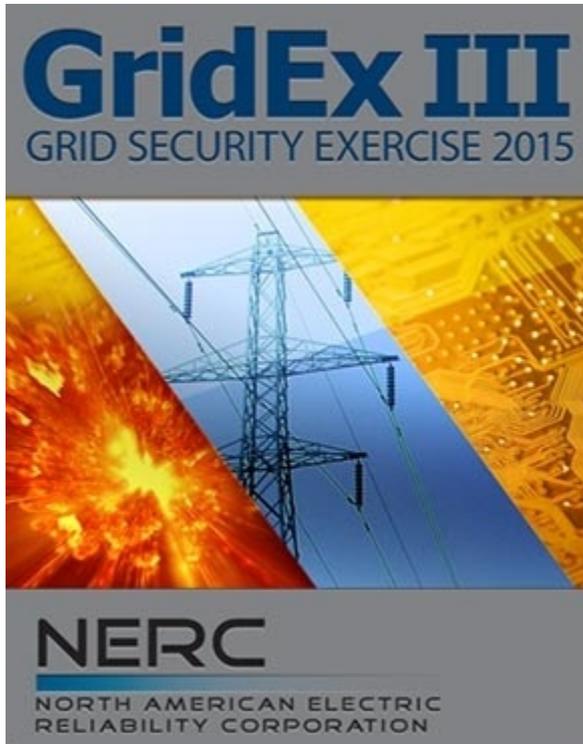
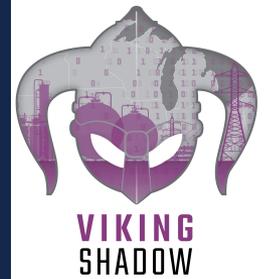
***“The best example currently  
in CEO engagement with the  
Federal government.”***

- National Infrastructure Advisory Council, 2015

# Lifecycle of ESCC Initiatives

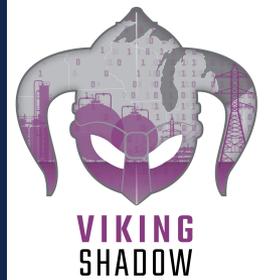


# Key Events Preceding CMA



- **November 2015:**  
NERC GridEx III  
Exercise
- **December 2015:**  
Ukraine Cyber Attack

# Challenges



- ✓ Typically “no-notice”
- ✓ No clear beginning and end
- ✓ Not geographically bounded

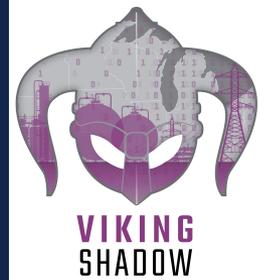
***“Am I next? Am I ready to respond?”***

# Traditional Mutual Assistance



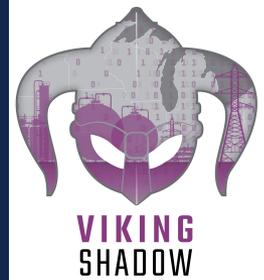
**\*Exercise Exercise Exercise\***

# CMA Mission Statement



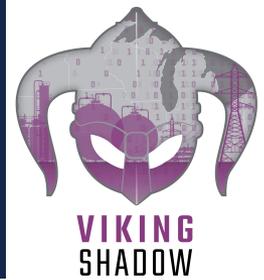
***Provides assistance, on a voluntary basis, to other entities participating in the CMA Program in advance, or in the event of, a disruption of electric or natural gas service and computer systems due to a cyber emergency.***

# Types of Assistance



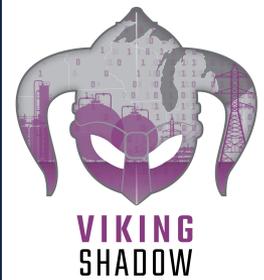
- Short-term advisory assistance, including services, personnel, and/or equipment.
- Assistance can be provided remotely and when:
  - Significant threats or critical system vulnerabilities have been identified
  - A cyber incident causes the disruption of electric or natural gas service

# Program Statistics



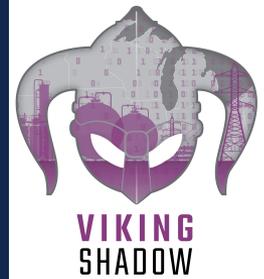
- **146** Participating Entities in the US & Canada:
  - Investor-owned
  - Public Power
  - Cooperatives
  - RTOs/ISOs
- Approximately:
  - **80%** of US electricity customers
  - **75%** of US domestic natural gas customers
  - **1.25 million** electricity customers in Canada

# How to Participate



- The CMA Program is open to electric and natural gas companies
- Participation is covered by a non-disclosure agreement, and is voluntary and confidential

# Organization Structure



## Electricity Subsector Coordinating Council (ESCC)

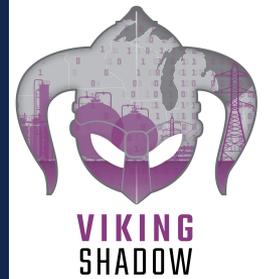
### Executive Committee

- 3 IOU Members
- 1 Not-For-Profit Member
- 1 Cooperative Member
- 1 RTO or ISO Member
- 1 Canadian Member

### Coordinator Committee

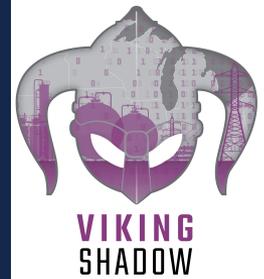
- Chair
- Vice Chair
- Coordinators

# Activating the Program



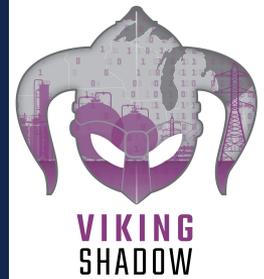
- Through its CMA Coordinator, a Requesting Entity may make a request:
  - Directly to any other Participating Entity
  - More broadly to all Participating Entities

# Next Steps



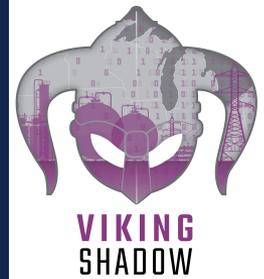
- Expand participation within the electric and natural gas subsectors
- Fully integrate the program within participating entities
- Develop relationships with cross-sector partners and external stakeholders

# Upcoming Events



- In person meeting this week
- Additional Drills in 2018 and beyond

# Join us!



***To join, or for more information:***

**Website:**

[www.electricitysubsector.org/cma](http://www.electricitysubsector.org/cma)

**Email:**

[cma@electricitysubsector.org](mailto:cma@electricitysubsector.org)