



GRIDEX V PREVIEW

PRESENTED BY:

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Chief Security, Safety and Gas Solutions Officer (CSSGO)

October 28, 2019

Informational Update

- **EXPLAIN THE PURPOSE AND OBJECTIVES OF GRIDEX V**
- **PROVIDE AN OVERVIEW OF OUR PARTICIPATION IN THIS NATIONAL TABLETOP GRID SECURITY EXERCISE**

AGENDA



- **BACKGROUND AND PURPOSE OF GRIDEX V**
- **EXERCISE OBJECTIVES & LOGISTICS**
- **HOW THE EXERCISE WORKS**
- **PARTICIPANTS**

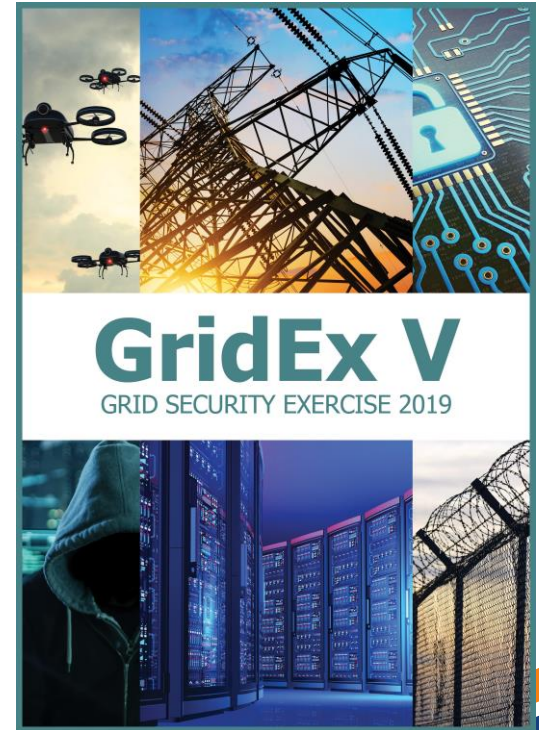
BACKGROUND AND PURPOSE



GridEx V is an unclassified, large-scale, electricity grid security and crisis response exercise conducted by the North American Electric Reliability Corporation (NERC), with coordination from the Electricity Information Sharing and Analysis Center (E-ISAC).

This is a training opportunity for all stakeholders to test their incident response plans. It satisfies a number of compliance requirements. It also tests our ability to execute collaboratively across the enterprise.

CPS Energy participated in GridEx II (2013), GridEx III (2015) and GridEx IV (2017).



EXERCISE OBJECTIVES

- Test and evaluate our response plans
- Satisfy a number of compliance requirements
- Expand our local and regional response capabilities
 - Practice response management in a multi-agency response environment
 - Evaluate the readiness of response resources
 - Engage interdependent sectors
- Practice team and enterprise communication protocols
- Practice media and public affairs response
- Increase supply chain participation
 - Involve vendors, suppliers, key solution partners
- Engage senior leadership



EXERCISE LOGISTICS

- Wednesday, November 13, 2019
8AM – 5PM
Modules 1 & 2
- Thursday, November 14, 2019
8AM – 5PM
Modules 3 & 4

We expect the largest group to date.



Villita Assembly Building
401 Villita St,
San Antonio, Texas 78205

EXERCISE TYPE

This is a **functional** two-day exercise, conducted in four modules, lasting 4 hours per module, with a one-hour turnover briefing each day.

In functional exercises, events are projected through an exercise scenario with event updates that drive activity at the **management level**.

A functional exercise is conducted in a realistic, real-time environment; however, **deployment of personnel and equipment is simulated**.



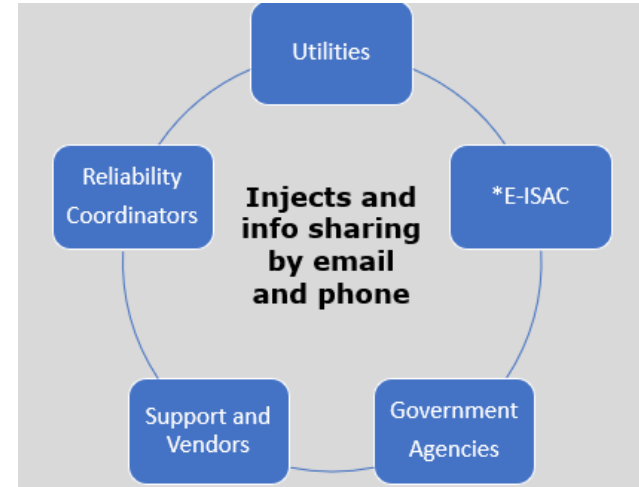
GridEx IV 2017

EXERCISE SCENARIO

The exercise scenario will involve both **physical** and **cyber** security attacks (all simulated) on gas and electric utilities across North America.

National scenario injects will be provided by NERC's Exercise Control (ExCon), located near Washington, D.C. These injects will be viewed by participants through the exercise website, **SimulationDeck**.

Specific scenario "injects" for CPS Energy are drafted by the **Scenario Planning Team**, and will be implemented during exercise play by the **Exercise Controllers**.



*E-ISAC Electricity Information Sharing and Analysis Center

EXERCISE PARTICIPANTS



HOSTED BY CPS ENERGY

- Alamo Area Council of Governments
- Alamodome
- Bexar County
 - Sherriff's Office
 - Office of County Manager
 - Office of Emergency Management
- Bexar Metro 9-1-1
- Brooks City Base
- Department of Homeland Security
- ERCOT
- FBI San Antonio Field Office
- HEB
- Joint Base San Antonio
- Port Authority San Antonio
- Public Utility Commission
- City of San Antonio
 - Police Department
 - Fire Department
 - San Antonio Water System
 - San Antonio International Airport
 - Office of Emergency Management
 - Chief Information Security Officer
 - San Antonio Housing Authority
- US Secret Service
- Texas Division of Emergency Management

GridEx IV 2017



GridEx IV 2017





Thank You

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