

# Technical Assistance Resources for GRIP Awardees



## The Grid Resilience and Innovation Partnerships (GRIP)

program, run by the U.S. Department of Energy Office of Electricity, provides technical assistance and support to GRIP Awardees. Resources include subject matter expertise and tools to:

- Boost grid resilience from cyber threats and natural hazards
- Enable digital transformation
- Reduce supply chain risks

## Cyber Informed Engineering (CIE)

### CIE Control Database

Engineered control concepts that reduce operational impacts of cyber compromise.

*Audience:* Engineers, system designers, asset owners.

### CIE Microgrid Analysis Tool (CIEMAT)

Identifies microgrid design controls that minimize cyberattack consequences.

*Audience:* Microgrid designers, engineers, operators.

### CIE Battery Analysis Tool (CIEBAT)

Evaluates BESS architectures and highlights controls that mitigate cyber-induced risks.

*Audience:* BESS owners, engineers, system designers.

### CIE for Protecting Battery Energy Storage Systems

Framework for assessing cybersecurity risks across BESS components and control systems.

*Audience:* BESS owners, engineers, system integrators, cybersecurity practitioners.

## Grid Vulnerability & Resilience

### All Hazards Analysis (AHA) Platform

Aggregates and visualizes infrastructure data for multi-hazard scenarios.

*Audience:* Emergency management, infrastructure operators, resilience planners.



### ACCLIMATE for Weather Resilience

Models potential disruptions from extreme weather.

*Audience:* Resilience analysts, planners, researchers.

### TOPGEAR

Maps and analyzes vulnerability points across regional infrastructure systems.

*Audience:* State energy offices, critical infrastructure analysts.

## Digital Transformation of the Grid

### COGNITO for Artificial Intelligence Deployments

Assesses AI readiness, use cases, and operational risk considerations.

*Audience:* Electric utilities and grid operators exploring AI.

### Cirrus for Cloud Adoption

Evaluates technical, operational, and security aspects of OT cloud migration.

*Audience:* Utilities and infrastructure organizations considering cloud adoption.



## Supply Chain Risk Mitigation

### DOE Procurement, Contracting, and SCRM Guidance

Supports integrating cybersecurity into procurement and vendor management.

*Audience:* Procurement teams, asset owners, utilities.

### Foreign Entity of Concern (FEOC) Requirements (One Big Beautiful Bill Act)

Outlines Foreign Entity of Concern definitions and compliance considerations for equipment procurement.

*Audience:* Utilities, infrastructure operators, procurement and compliance teams.

### DOE BESS Report

System-of-systems evaluation of BESS and supply chain component dependencies.

*Audience:* Energy sector asset owners/operators and cybersecurity professionals.

## Get Started

### For More Information

[csdet.inl.gov/technical-assistance-and-training/](https://csdet.inl.gov/technical-assistance-and-training/)

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