



TEXAS RE

**2026 CMEP IP Risk Element -
Remote Connectivity: CIP-012-2 R1**

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Risk Focus & CMEP IP Risk Factors



Risk Elements
Remote Connectivity
Supply Chain
Physical Security
Grid Transformation
Facility Ratings
Extreme Weather Response



Risk Element Areas of Focus: Remote Connectivity

CIP-012-1 R1: Communications between Control Centers

<p>Mitigation of the risks posed by unauthorized disclosure, unauthorized modification, and loss of availability of communication data used for Real-time Assessment and Real-time monitoring while such data is being transmitted between any applicable Control Centers.</p>	<p>CIP-012-1 (CIP-012-2 Effective 7/1/2026)</p>	<p>R1</p>	<p>Balancing Authority Generator Operator Generator Owner Reliability Coordinator Transmission Operator Transmission Owner</p>
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CIP-012-1 R1 - Part 1.1



1.1 Identification of security protection used to mitigate risks posed by unauthorized disclosure and unauthorized modification of Real-time Assessment (RTA) and Real-time monitoring (RTM) data **while being transmitted between Control Centers**

Considerations

- Identifying RTA & RTM Data
- How Process(es) Address Confidentiality & Integrity

Best Practices and Internal Controls

- Leveraging Both Logical & Physical Controls
- Utilizing Up-to-date Security Protocols
- Consistent Inspection and Maintenance



CIP-012-1 R1 - Part 1.2



1.2 Identification of where the Responsible Entity applied security protection for transmitting Real-time Assessment and Real-time monitoring data between Control Centers

Considerations

- Location of Encryption Endpoints
- Control Center as a NERC-defined Term
- Implementing a Tailored Approach

Demonstrating Compliance

- Logical & Physical Diagrams
- Lists of Devices Providing Security Protections



CIP-012-1 R1 - Part 1.3



1.3 If the Control Centers are owned or operated by different Responsible Entities, identification of the responsibilities of each Responsible Entity for applying security protection to the transmission of Real-time Assessment and Real-time monitoring data between those Control Centers

Considerations

- Custody of Data
- ERCOT Interconnection

Demonstrating Compliance

- Memorandum of Understanding
- Documented Process(es)



CIP-012-2 – Communications Between Control Centers

Effective Date

July 1, 2026

Additions

Loss of availability
Recovery of communication links



The background of the slide features a blurred Texas state flag on the left and a target with several darts on the right. The darts are clustered in the center, suggesting a focus on a specific point. The overall scene is set against a clear blue sky.

Questions?



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Ensuring electric reliability for Texans