

Cybersecurity: Protecting the Power Grid Millions Rely On



THE CYBER CHALLENGES FACING OUR POWER GRID

MISO operates critical national infrastructure, placing us at the center of a rapidly shifting and uniquely complex cybersecurity landscape.

The electric grid depends on digital systems to manage power in real time, and even a small cyber disruption could affect electricity flow across multiple states. As cyberattacks grow more frequent and sophisticated, strengthening our defenses is essential to ensuring MISO can continue delivering safe, reliable power to the 45 million people who depend on us.



MISO'S PLAN TO STAY AHEAD OF EVOLVING THREATS

MISO is focused on strengthening our ability to anticipate threats, respond quickly, and keep the grid resilient.

Our work centers on five key objectives:

Governance and Risk Management Integration:

Embedding cybersecurity into everyday decision-making so risks are identified early and managed consistently

Collaborative Defense and Response:

Working closely with utilities, partners, government agencies, and other grid operators to detect and respond to threats more effectively

Intelligence-Informed, Risk-Based Protection:

Prioritizing defenses based on threat intelligence and highest-risk areas

Resilient Systems:

Designing systems that can withstand attacks or failures and recover quickly

Culture of Security:

Ensuring everyone at MISO understands their role in protecting the grid, making security a shared responsibility

