

Energy Security: Keeping the Power On Framing the Issues of Grid Reliability

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The ISO appreciates comments to increase our understanding and assist with adjustments.

<http://www.caiso.com/green/greensmartgrid.html>



Advanced
Forecasting



Synchrophasors



Advanced Grid
Applications



Enabling Demand Response,
Storage and Distributed
Energy Resources



Cyber
Security

CAISO Smart Grid Roadmap and Architecture Technical Standards

Cyber Security



CAISO Smart Grid Roadmap and Architecture Security Management Standards

“Implementing, maintaining, monitoring and improving information security so it is consistent with the organizational requirements and process are also issues to address.”

Among the challenges associated with cyber security is tailoring policies control applications, which are complex and industry and application specific monitoring and improving information security so it is consistent with the process are also issues to address.

The roadmap for cyber security addresses the evaluation and implementation where applicable. It also calls for creating centralized security management awareness dashboard.



0.7 Critical success factors

Experience has shown that the following factors are **often critical** to the **successful implementation** of information security within an **organization**:

- a) information security policy, objectives, and activities that reflect **business objectives**;
- b) an approach and framework to implementing, maintaining, monitoring, and improving information security that is consistent with the **organizational culture**;
- c) visible support and commitment from **all levels of management**;
- d) a **good understanding** of the information security requirements, risk assessment, and risk management;

The Risks

The Organizational Handling of Reliability Risks in Three Quick Stories

Availability: You Can't Get There From Here (The Longitude Act of 1714)

Integrity: Top Men (Belgium and the Great Franco Ligne)

Confidentiality: Do Waaa! (Encrypted Walkie-Talkies)

The End

Thank you for your time!