

NERC

**NORTH AMERICAN ELECTRIC
RELIABILITY CORPORATION**

Cybersecurity Activities

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Cybersecurity Topics

- **Overall Vision**
- **Action Plan for Identification of Critical Cyber Assets**
- **Bulk Power System Critical Infrastructure Protection Policy**
- **Aurora Issue – Next Steps**
- **NRC-NERC MOU Implementation Plan**

Overall Vision

- **Policy level goals for physical and cybersecurity protection**
- **Proactive mitigation of security risks**
- **“Bright Line” criteria for identifying critical bulk power system assets**
- **Availability of actionable information**
- **Incident reporting, analysis & feedback**
- **Communicate industry efforts to the government and public**

Action Plan for Identification of Critical Cyber Assets

- **July '09 survey results reported to FERC**
- **Revised draft standard on identification of critical/critical cyber assets posted**
- **Criteria for evaluating impact on critical functions as high, medium or low**
- **Apply to remaining CIP standards**
- **Risk driven monitoring in 2010**

Critical Infrastructure Protection Policy

- **Initial policy developed for discussion**
- **Guidance on prevention/detection, resilience, response and restoration, and help set priorities**
- **Used in communicating expectations**
- **Sharp focus on definition/scope of CIP concerns and intelligence threats**
- **Recommend for NERC board approval following review of comments**

Aurora Issue

Next Steps

- **June 2007 Advisory on Aurora issue lacked details and mitigation suggestions**
- **Technical team worked with federal partners with emphasis on protection and control**
- **DRAFT Overview, Alert, FAQs, Utility Checklist, and technical references posted for industry review and comment**
- **Assess ability of registered entities to apply information to enhance existing mitigations**
- **Plan for future Alerts based on responses**

NRC-NERC MOU Implementation Plan

- **MOU effective December 30, 2009**
- **January 19 response to FERC order on plans and schedule for plant owners/operators to come into compliance with CIP standards**
- **Bright Line Survey document for use in determining which Systems, Structures and Components fall under NERC CIP standards**
- **Plan for four industry workshops**
- **Finalize entity Bright Line documents**