

Public Release

NERC Cyber Security Standards Overview and Update



Larry Bugh
ECAR
Chair – Cyber Security Standard Drafting Team
December 8, 2005



NERC CIP Standards

(under development)

- CIP-002 – Critical Cyber Assets
- CIP-003 – Security Management Controls
- CIP-004 – Personnel and Training
- CIP-005 – Electronic Security
- CIP-006 – Physical Security
- CIP-007 – Systems Security Management
- CIP-008 – Incident Reporting & Response Management
- CIP-009 – Recovery Plans
- Implementation Plan



Applicable Entities

- Reliability Coordinator
 - Balancing Authority
 - Interchange Authority
 - Transmission Service Provider
 - Transmission Owner
 - Transmission Operator
 - Generator Owner
 - Generator Operator
 - Load Serving Entity
 - NERC Office *
 - Regional Reliability Organization *
- * Not part of NERC Functional Model



Not Applicable

- “Facilities regulated by the U.S. Nuclear Regulatory Commission or the Canadian Nuclear Safety Commission”
- Communications networks between discrete Electronic Security Perimeters
- Entities with no Critical Cyber Assets determined after complying with NERC Standard CIP-002



Final Draft

- NERC UA 1200 was approved for an additional year
- The decision was made to produce the Final Draft of the Standards

All information presented on the Final Draft is **preliminary and unapproved**, and therefore **subject to change**



Maintaining Compliance with UA 1200

- Originally, UA1200 expired forever on August 13, 2005
- Changes made to NERC Standards Development Process to allow additional extensions to Urgent Action standards
 - UA 1200 *has been* extended another year by the ballot body
- CIP-002 through CIP-009 will supercede UA1200 when approved by ballot body and adopted by NERC Board of Trustees



Proposed Schedule

Post for 30-day pre-ballot review	Jan 16 – Feb 14
First ballot of Standards	Feb 15 – Feb 24
Respond to comments	Feb 25 – Mar 13
Post for recirculation ballot	Mar 14 – Mar 24
30-day posting before board adoption	Mar 25 – Apr 24
Board adopts Standards	May 2
Effective date	June 1

Questions???

Contact info:
Larry Bugh – ECAR
330.580.8017
larryb@ecar.org
<http://www.nerc.com/>