



NORTH AMERICAN ELECTRIC
RELIABILITY CORPORATION

Standards Announcement

Informal Comment Request

December 29, 2009–February 12, 2010

Now available at: http://www.nerc.com/filez/standards/Project_2008-06_Cyber_Security_PhaseII_Standards.html

Project 2008-06: Cyber Security Order 706 (Phase II)

The Standard Drafting Team for this project is seeking informal industry feedback and suggestions on the initial draft of CIP-002-4 — Cyber Security — BES Cyber System Categorization **until 8 p.m. EST on February 12, 2010.**

The input will be considered by the drafting team in revising and refining CIP-002-4 requirements and related documents. In the draft *Guidance for the Electric Sector: Categorizing Cyber Systems*, posted with the standard, the drafting team discusses the proposed method for categorizing a BES Cyber System according to its potential impacts on the reliable operation of the BES.

Instructions

Please use this [electronic form](#) to submit comments. If you experience any difficulties in using the electronic form, please contact Lauren Koller at Lauren.Koller@nerc.net. An off-line, unofficial copy of the comment form is posted on the project page: http://www.nerc.com/filez/standards/Project_2008-06_Cyber_Security_PhaseII_Standards.html

Next Steps

This informal comment period will be followed by a 45-day formal comment period, which will include the formation of a ballot pool. The initial ballot will begin shortly after the team posts its response to comments. Note that the Standards Committee will allow the drafting team to make modifications to the standard, if needed, between the initial and recirculation ballots. These special steps will help the team meet its schedule for delivery of the set of CIP standards.

Project Background

[FERC Order 706](#) directed NERC to develop modifications to the CIP Reliability Standards. A Standards Drafting Team (SDT) was appointed by the NERC Standards Committee on August 7, 2008 to develop these revisions as part of Project 2008-06 – Cyber Security Order 706. Due to the variety of changes directed in Order 706 and the complexity of the project, the drafting team adopted a multi-phase revision strategy.

The initial phase involved modifying standards CIP-002-1 through CIP-009-1 to comply with the near-term directives included in Order 706. The resulting version 2 CIP standards were approved by the NERC Board of Trustees on May 6, 2009 and FERC on September 30, 2009. As part of its approval Order, FERC directed NERC to make changes to two standards and the associated implementation plan within 90 days. Those changes, along with necessary conforming cross-reference changes for the remaining six CIP standards, resulted in the version 3 CIP standards, which were approved by the NERC Board of Trustees on December 16, 2009 and will be submitted to FERC for approval by December 29, 2009.

This phase will result in version 4 of the CIP standards. The drafting team believes CIP-002 and its requirements provide a foundation for effective cyber security to protect the systems that support a reliable Bulk Electrical System (BES). After months of deliberation and industry input, the SDT is presenting a draft standard CIP-002-4 — Cyber Security — BES Cyber System Categorization that categorizes BES Cyber Systems according to impacts on reliability functions. Work on the subsequent cyber security standards that establish the cyber security controls that must be implemented to protect the assets identified in CIP-002, appropriate to BES impact, is scheduled to begin in January 2010.

Page for Phase II: http://www.nerc.com/filez/standards/Project_2008-06_Cyber_Security_PhaseII_Standards.html
Main project page for 2008-06: http://www.nerc.com/filez/standards/Project_2008-06_Cyber_Security.html

Applicability of Standards in Project

Reliability Coordinator
Balancing Authority
Interchange Coordinator
Transmission Service Provider
Transmission Owner
Transmission Operator
Generator Owner
Generator Operator
Load-Serving Entity
NERC
Regional Entity
Physical Facilities (see proposed standard)

Proposed Glossary of Terms Changes

New terms:

Cyber System
BES Cyber System
Bulk Electric System Subsystem (BES Subsystem)
Generation Subsystem
Transmission Subsystem
Control Center
High BES Impact
Medium BES Impact
Low BES Impact

Terms to be retired once the standards that use those terms are replaced:

Critical Assets
Critical Cyber Assets
Cyber Assets

Standards Development Process

The [Reliability Standards Development Procedure](#) contains all the procedures governing the standards development process. The success of the NERC standards development process depends on stakeholder participation. We extend our thanks to all those who participate.

*For more information or assistance,
please contact Shaun Streeter at shaun.streeter@nerc.net or at 609.452.8060.*