

## Standards Announcement

### Project 2008-06 Cyber Security Order 706 Version 5 CIP

**Ballot Pool Now Open: November 7 – December 15, 2011**

**Formal Comment Period Now Open: November 7, 2011 – January 6, 2012**

**Twelve Initial Ballot Windows Open for Ten Standards, Implementation Plan and Definitions: Friday, December 16 – Friday, January 6, 2012**

#### [Now Available](#)

Ten CIP standards (CIP-002-5 through CIP-009-5, CIP-010-1, and CIP-011-1), a set of new and revised NERC Glossary definitions, and a proposed implementation plan have been posted for a formal 60-day comment period through Friday, January 6, 2012.

CIP-002-5 requires the categorization of these BES Cyber Systems according to bright-line criteria that characterize their impact on the Reliability Operations Services according to “bright-line” criteria contained in Attachment 1 – Impact Categorization of BES Cyber Assets and BES Cyber Systems of the draft CIP-002-5 standard.

CIP-003-5 through CIP-009-5, CIP-010-1 and CIP-011-1 in the draft Version 5 CIP Cyber Security Standards define the cyber security requirements to be applied to the BES Cyber Systems according to the categorization performed in CIP-002-5.

CIP-003 through CIP-009 generally follow the organization of Versions 1-4 of CIP-003 through CIP-009. CIP-010-1 is a new standard that contains the Configuration Management and Vulnerability Assessment requirements previously defined across several CIP standards in Versions 1 through 4. CIP-011-1 is a new standard that defines Information Protection and Media Sanitization requirements previously defined across many standards in Versions 1 through 4.

In addition, the following documents have been posted to assist stakeholders in their review:

- Consideration of Comments Report – Provides a summary of the modifications made to the proposed standards based on comments on CIP-010-1 and CIP-011-1 submitted during an informal comment period that ended June 3, 2010. (Note that the previously posted CIP-010-1 and CIP-011-1 are not the same standards as those posted for this comment period. The version of CIP-010 posted May 4 – June 3, 2010 addressed requirements associated with an earlier version of CIP-002, and the version of CIP-011 posted May 4 – June 3, 2010 was a single

standard that contained all the requirements associated with earlier versions of CIP-003 through CIP-009.)

- Mapping Document - Identifies each requirement in the already-approved Version 4 CIP standards and identifies how the requirement has been treated in the Version 5 CIP standards (which includes CIP-002-5 through CIP-009-5 and CIP-010-1 and CIP-011-1).
- Clean versions of the approved versions of CIP-002-4 through CIP-009-4 - these are posted because the extent of the changes to each of the standards makes a redline of the posted draft standards against the approved standards impractical.
- Unofficial comment form in Word format – This is for informal use when compiling responses – the final must be submitted electronically.

Note that the Standards Committee has authorized an extended formal comment period (60 days), along with an extended ballot window (20 days), in consideration of the large number of standards and substantive changes to the format and content of the Version 5 CIP standards. In addition, the Standards Committee has authorized a deferral of the non-binding polls to allow stakeholders an opportunity to focus more closely on the requirements, definitions, and implementation plan during this posting period. The non-binding polls will take place in parallel with the next ballot of these standards.

### **Instructions for Joining Ballot Pool for Version 5 CIP Standards**

A single ballot pool is being formed for the balloting of all ten standards, the implementation plan, and the definitions associated with the ten standards. The ballot pool that is formed will be cloned to create twelve separate ballot pools (one for each of the ten standards, one for the implementation plan, and one for the definitions). All members of the original ballot pool will automatically be eligible to vote in the twelve individual ballots.

The standards, implementation plan, and set of definitions are being balloted individually to provide stakeholders an opportunity to cast separate ballots for each item. The individual ballots will provide the drafting team better feedback on which standards require additional development to achieve stakeholder consensus, as well as allow the team to gauge stakeholder support for the proposed implementation plan and definitions. Stakeholders are encouraged to consider each standard on its own merits and cast individual ballots, rather than casting the same ballot for all ten standards, in order to assist the drafting team with evaluating which standards require additional development to achieve consensus.

To join the ballot pool to be eligible to vote in the upcoming ballots, as well as future ballots and non-binding polls for the Version 5 CIP standards, go to: [Join Ballot Pool](#)

During the pre-ballot windows, members of the ballot pool may communicate with one another by using their “ballot pool list server.” (Once the balloting begins, ballot pool members are prohibited

from using the ballot pool list servers.) One ballot pool list server has been set up and can be used for communication on each of the standards being balloted for this project. The list server is: [bp-2008-06\\_CIP-002-5\\_in@nerc.com](mailto:bp-2008-06_CIP-002-5_in@nerc.com)

### **Instructions for Commenting**

A formal comment period is open through **8 p.m. Eastern on Friday, January 6, 2012**. Please use this [electronic form](#) to submit comments. If you experience any difficulties in using the electronic form, please contact Monica Benson at [monica.benson@nerc.net](mailto:monica.benson@nerc.net). An off-line, unofficial copy of the comment form is posted on the [project page](#).

### **Special Instructions for Submitting Comments**

Please note that comments submitted during the formal comment period and the ballot for the standard both use the same electronic form, and it is NOT necessary for ballot pool members to submit more than one set of comments. The drafting team requests that all stakeholders (ballot pool members as well as other stakeholders) submit all comments through the electronic comment form.

### **Next Steps**

The drafting team will host a series of three webinars – two on the substance of the standards, and a third to address process questions. The webinars on the substance of the standards, which have already been announced, will be held on November 15, 2011, and November 29, 2011. A separate announcement for the webinar that will address process questions will be sent with registration information as soon as details have been finalized.

Twelve initial ballots (one for each of the ten standards, one for the definitions, and one for the implementation plan associated with these standards) will be conducted beginning on Friday, December 16, 2011 through 8 p.m. Eastern on Friday, January 6, 2011.

### **Background**

In 2008, FERC Order No. 706 directed the ERO to develop modifications to Version 1 of the NERC CIP Cyber Security Standards to address a range of concerns in various areas of the Version 1 standards.

A Standard Drafting Team (SDT) was appointed by the NERC Standards Committee on August 7, 2008 to develop these modifications as part of Project 2008-06 – Cyber Security Order 706. The SDT has been charged to review each of the CIP reliability standards and address the modifications identified in the [FERC Order No. 706](#). The SDT began meeting in October 2008.

Prior to this posting, the SDT developed CIP-002-2 through CIP-009-2 to comply with the near-term specific directives of FERC Order No. 706. This version of the Standards was approved by FERC in September of 2009 with additional directives to be addressed within 90-days of the order. In response, the SDT developed CIP-003-3 through CIP-009-3, which FERC approved in March 2010.

Throughout this period, the SDT has continued efforts to develop an approach to address the remaining FERC Order No. 706 directives. An original draft version of CIP-010 and CIP-011, which included the categorization of cyber systems in CIP-010 and associated cyber security requirements consolidated into a single CIP-011, were posted for informal comment in May of 2010. After reviewing and analyzing responses from the industry, the SDT determined it was infeasible to address all of the concerns and achieve industry consensus on CIP-010 and CIP-011 by the planned target date of December 2010. Consequently, the SDT developed a limited scope of requirements in Version 4 of the CIP Cyber Security Standards (CIP-002-4 through CIP-009-4) as an interim step to address the more immediate concerns raised in FERC Order No. 706, paragraph 236, especially those associated with CIP-002's identification of Critical Assets and the risk-based methodology used for the identification. CIP-002-4, which included a bright-line based approach for criteria used to identify Critical Assets in lieu of an entity defined risk-based methodology, and the conforming changes to CIP-003 through CIP-009, was approved by the Board of Trustees in January of 2011. On September 15, 2011, FERC issued a Notice of Proposed Rulemaking (RM11-11) to approve Version 4 of the Cyber Security Standards with a 60 day comment period.

This draft Version 5 of the NERC CIP Cyber Security Standards is intended to address the remaining standards related issues of FERC Order No. 706.

The SDT believes the NERC Version 5 CIP Cyber Security Standards provide a cyber security framework for the categorization and protection of BES Cyber Systems to support the reliable operation of the Bulk Electric System. These standards recognize the differing roles of each entity in the operation of the Bulk Electric System, the criticality and vulnerability of the cyber systems needed to support Bulk Electric System reliability, and the risks to which they are exposed.

### **Standards Development Process**

The [Standard Processes Manual](#) 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 Monica Benson at [monica.benson@nerc.net](mailto:monica.benson@nerc.net).

*For more information or assistance, please contact Monica Benson,  
Standards Process Administrator, at [monica.benson@nerc.net](mailto:monica.benson@nerc.net) or at 404-446-2560.*

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