



AESO Reliability Standards Monthly Report

September 2010

CIP-005-4 - Cyber Security — Electronic Security Perimeter(s)

Purpose:

Urgent action SAR and ballot.

Current Standard:

CIP-005-3 was approved by the NERC BOT on December 16, 2009.

Proposed Standard:

CIP-005 provides requirements for Cyber Assets used to access Critical Cyber Assets (and other non-critical Cyber Assets within a defined Electronic Security Perimeter) from outside their Electronic Security Perimeter.

Recent discovery and announcement of vulnerabilities for remote access methods and technologies, that were previously thought secure and in use by a number of large electric sector entities, necessitate urgent changes to industry security control standards. Currently, no requirements or guidance documents are available to either require or recommend how secure remote access to Critical Cyber Assets (and other non-critical Cyber Assets within a defined Electronic Security Perimeter) can or should be accomplished. This urgent action will provide a (set of) mandatory and auditable requirement(s) for configuring secure remote access to Cyber Assets and electronic access control points (and other non-critical Cyber Assets within a defined Electronic Security Perimeter). A supplementary guidance document recommends actions and best practice use-cases of in-place implementations to show how secure remote access may be implemented by a Responsible Entity and will be posted for stakeholder comment during at least part of the pre-ballot review period.

Applicability:

Reliability Coordinator, Balancing Authority, Interchange Authority, Transmission Service Provider, Transmission Owner, Transmission Operator, Generator Owner, Generator Operator, Load Serving Entity, NERC, Regional Entity

Current Status:

The revised standard was posted for ballot until Sept. 27. The AESO cast a negative ballot with comments. The ballot results and comments can be seen using the link below. The standard will go to a recirculation ballot.

NERC Link:

[CIP-005-4](#)