

Project 2016-02 Virtualization Implementation Plan

Applicable Standard(s)

- Reliability Standard CIP-002-7 – Cyber Security – BES Cyber System Categorization
- Reliability Standard CIP-003-9 – Cyber Security – Security Management Controls
- Reliability Standard CIP-004-7 – Cyber Security – Personnel & Training
- Reliability Standard CIP-005-8 – Cyber Security – BES Cyber System Logical Isolation
- Reliability Standard CIP-006-7 – Cyber Security – Physical Security of BES Cyber Systems
- Reliability Standard CIP-007-7 – Cyber Security – System Security Management
- Reliability Standard CIP-008-7 – Cyber Security – Incident Reporting and Response Planning
- Reliability Standard CIP-009-7 – Cyber Security – Recovery Plans for BES Cyber Systems
- Reliability Standard CIP-010-5 – Cyber Security – Change Management and Vulnerability Assessments
- Reliability Standard CIP-011-3 – Cyber Security – Information Protection
- Reliability Standard CIP-013-3 – Cyber Security – Supply Chain Risk Management
- Proposed new or modified terms listed in the “CIP Definitions Posting Document (Project 2016-02)”

These standards and Definitions of Terms used in the versions listed above of the CIP Cyber Security Standards are posted for ballot by NERC concurrently with this Implementation Plan.

These standards and new and modified terms used in the standards above will be referenced as the “Revised CIP Standards and Definitions” within the Implementation Plan.

Requested Retirement(s)

- Reliability Standard CIP-002-6 – Cyber Security – BES Cyber System Categorization
- Reliability Standard CIP-003-8 – Cyber Security – Security Management Controls
- Reliability Standard CIP-004-6 – Cyber Security – Personnel & Training
- Reliability Standard CIP-005-7 – Cyber Security – Electronic Security Perimeter(s)
- Reliability Standard CIP-006-6 – Cyber Security – Physical Security of BES Cyber Systems
- Reliability Standard CIP-007-6 – Cyber Security – System Security Management
- Reliability Standard CIP-008-6 – Cyber Security – Incident Reporting and Response Planning

- Reliability Standard CIP-009-6 – Cyber Security – Recovery Plans for BES Cyber Systems
- Reliability Standard CIP-010-4 – Cyber Security – Configuration Change Management and Vulnerability Assessments
- Reliability Standard CIP-011-2 – Cyber Security – Information Protection
- Reliability Standard CIP-012-1 – Cyber Security – Communications between Control Centers
- Reliability Standard CIP-013-2 – Cyber Security – Supply Chain Risk Management
- Proposed terms for retirement listed in the “Definitions of Terms used in the above listed CIP Cyber Security Standards” document

These standards and definitions used in the versions listed above will be referenced as the “Requested CIP Retired Standards and Definitions” within the Implementation Plan.

Prerequisite Standard(s) or Definitions

These standard(s) or definitions must be approved or retired before the Applicable Standard become effective:

- BES Cyber Asset (BCA)
- BES Cyber System
- BES Cyber System Information
- CIP Senior Manager
- Cyber Asset
- Cyber Security Incident
- Electronic Access Control or Monitoring Systems (EACMS)
- Electronic Access Point (EAP)
- External Routable Connectivity (ERC)
- Electronic Security Perimeter (ESP)
- Interactive Remote Access (IRA)
- Intermediate Systems (IS)
- Management Interface
- Management Module
- Management Systems
- Physical Access Control Systems
- Physical Security Perimeter (PSP)
- Protected Cyber Asset (PCA)
- Removable Media
- Reportable Cyber Security Incident
- Self-Contained Application
- Shared Cyber Infrastructure (SCI)
- Transient Cyber Asset (TCA)
- Virtual Cyber Asset (VCA)

Applicable Entities

- Balancing Authority
- Distribution Provider¹
- Generator Operator
- Generator Owner
- Reliability Coordinator
- Transmission Operator
- Transmission Owner

General Considerations

The intent of the Initial Performance of Periodic Requirements section is for Responsible Entities to remain on the same time interval of the prior versions of the standards for their performance of the requirements under the new versions. The intent of the Compliance Dates for Early Adoption of Revised CIP Standards and Definitions section is to permit Responsible Entities the adoption to comply with the Revised CIP Standards and Definitions prior to the Effective Date.

Effective Date and Phased-in Compliance Dates

The Effective Dates for the Revised CIP Standards and Definitions are provided below. As noted in the General Considerations section above, the standard drafting team determined to clarify initial performance of periodic requirements and permit Responsible Entities to comply with the Revised CIP Standards and Definitions prior to the effective date. These provisions also are provided below.

Revised CIP Standards and Definitions

Where approval by an applicable governmental authority is required, the Revised CIP Standards and Definitions shall become effective on the first day of the first calendar quarter that is twenty-four (24) months after the effective date of the applicable governmental authority's order approving the Revised CIP Standards and Definitions, or as otherwise provided for by the applicable governmental authority.

Where approval by an applicable governmental authority is not required, the Revised CIP Standards and Definitions shall become effective on the first day of the first calendar quarter that is twenty-four (24) months after the date the Revised CIP Standards and Definitions are adopted by the NERC Board of Trustees, or as otherwise provided for in that jurisdiction.

Initial Performance of Periodic Requirements

¹ See Applicability section of Revised CIP Standards and Definitions for additional information on Distribution Providers subject to the standards.

Responsible Entities shall initially comply with the periodic requirements in the Revised CIP Standards and Definitions within the periodic timeframes of their last performance under the Requested CIP Retired Standards and Definitions.

Compliance Dates for Early Adoption of Revised CIP Standards and Definitions

A Responsible Entity may elect to comply with the Revised CIP Standards and Definitions following their approval by the applicable governmental authority, but prior to the Effective Date. In such a case, the Responsible Entity shall notify the applicable Regional Entities of the date of compliance with the Revised CIP Standards and Definitions. Responsible Entities must comply with applicable Requested CIP Retired Standards and Definitions until that date.

Retirement Date

Requested CIP Retired Standards and Definitions

The Requested CIP Retired Standards and Definitions shall be retired immediately prior to the effective date of the Revised CIP Standards and Definitions in the particular jurisdiction in which the Revised CIP Standards and Definitions are becoming effective.