AUG 2022

NERC CIP Standards Update

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Active NERC SDTs

Project 2016-02 CIP Mods SDT posted Ballot 4 of the V5TAG issues (Virtualization and External Routable Connectivity / Interactive Remote Access) changes to CIP-002 to CIP-013.

Project 2020-03 SDT Supply Chain Low Impact SDT – Passed ballot of Draft 3 of proposed changes associated with remote vendor access at Low Impact BES Cyber Systems

Active NERC SDTs

Project 2020-04 SDT CIP-012-2 – Cyber Security – Communications between Control Centers - Failed ballot in Jan 2022 on availability requirements for communications links between Control Centers

Project 2021-03 SDT TOCC CIP-002 – changes to address Transmission Owner Control Centers that perform functions of a Transmission Operator. NERC running BES security studies to determine appropriate impact rating methodology

Active NERC SDTs

Future 2022 SDT CIP-002 SAR – changes to address the classification process of Electronic Access Control and Monitoring Systems (EACMS), Physical Access Control Systems (PACS) and Protected Cyber Assets (PCA) and inconsistencies in BES Cyber Systems (BCS) classification.

Project 2016-02 SDT CIP Modifications

- Draft 4 was posted on Aug 17, 2022. Ballot closes Sept 30, 2022
- Changes External Remote Connectivity (ERC) and Interactive Remote Access (IRA), network ports and services and baselines
- Focused changes to definitions
- Webinar likely week of Sept 12, 2012

Project 2020-04 CIP-012 Mods SDT

- Draft 2 was posted for ballot closed on Jan 22, 2022 and failed = 34%
- SDT is working on a new draft to address comments – "availability" needs a formal definition
- Some caution need around wording of "availability" needed in order to allow for flexibility on how it is addressed (i.e. redundancy or other techniques) which might not be possible if "availability" is formally defined

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Project 2020-03 Supply Chain Low Impact SDT

- The NERC Board of Trustees approved the creation of a SDT to change CIP-003 to cover remote vendor access as well as detection of malicious communications for Low Impact BES Cyber Systems
- Ballot for Draft 3 closed on August 19, 2022 at 66.81%
- Note that "detection of malicious communications" for vendor electronic remote access will likely require major changes
- Implementation date is 36 months after effective date

Project 2021-03 SDT TOCC CIP-002

- CIP-002-6 was withdrawn in early 2021
- NERC has studies underway to determine the impact of any proposed TOCC changes
- This mostly affects entities within WECC and TRE . Both Regions currently have local guidelines covering the affected TOCCs

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New SAR Project 2022 SDT CIP-002 Modifications

- CIP-002 needs the following modifications
- IRO language changes proposed by NERC Project 2015-06 SDT
- Add classification process of Electronic Access Control and Monitoring Systems (EACMS), Physical Access Control Systems (PACS) and Protected Cyber Assets (PCA)
- Clarify BES Cyber Systems (BCS) classification criteria wording and also clarify timelines for planned / unplanned BES changes
- SAR creation in process

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New CIP Requirements

CIP-012-1 changes to address encryption of data communications for real-time monitoring and real-time assessment data will come into effect July 1, 2022

CIP-013-2, CIP-005-7 and CIP-010-4 standards to address supply chain requirements for PACS, EACMS comes into effect Oct 1, 2022

CIP-004-7 and CIP-011-3 BCSI in the Cloud changes comes into effect on Jan 1, 2024 (Note – early adoption is allowed to take advantage of these changes)

CIP-003-X Vendor electronic remote access controls for Low Impact BCS (TBD)

Thank You

ieso.ca

1.888.448.7777

customer.relations@ieso.ca

engagement@ieso.ca

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