

# Meeting Agenda

## Project 2016-02 Modifications to CIP Standards | Drafting Team Conference Call

July 22, 2020 | 3:00 – 5:00 p.m. Eastern

### Administrative

1. Review NERC Antitrust Compliance Guidelines and Public Announcement<sup>1</sup>
2. Roll Call
3. Introductions/Chair's remarks
4. Review agenda and objectives

### Agenda Items

1. Status Update
  - ~~a. What's in it for me white paper~~
  - b. CIP-007 and CIP-010 Implementation Guidance
    - i. CIP-007 Parts (redundant parts with SCI as applicability. Do we need parts repeated with the same description – e.g., R5)
  - c. CIP-005, CIP-007, and CIP-010 Technical Rationale
2. Virtual Workshop
  - a. Flow of workshop –
    - i. Walk a device through the standards
    - ii. Whitepaper style by topic
    - iii. Standard by standard
  - b. Create an outline / Target workshop date
  - c. Assignments
3. Mini Webinar Development
  - a. Mini Webinars
    - ~~i. CIP Virtualization Overview – April 23, 2020~~
    - ~~ii. ERC/IRA Webinar – May 7~~

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<sup>1</sup> See page 6.

- ~~iii. Hypervisors and Storage Systems – May 28, 2020 (Scott K./Matt H./Jake B.)~~
- ~~iv. Virtual machines and Containers – June 11, 2020 (Jake B.)~~
- ~~v. Security perimeters that span geographic locations (SuperESP) – July 2, 2020 (Robert G.)~~
- vi. Management Systems – August 6, 2020 (NORM)
- vii. Hardware and Software Reduction/Network Access Control/Automation of Compliance and Evidence Gathering – TBD (Scott K./Norm)
- viii. Virtualization and Change Management – Do we want to add this? Combine with Automation of Compliance?

#### **4. CIP-011 and Virtual Storage Discussion**

- a. Clarification for Deduplication
- b. Clarification for Shared Block Storage
- c. Data Destruction
- d. Mixed-trust
- e. CA Definition (to remove Data)

#### **5. ERC/IRA Q&A Document Discussion (Are changes necessary to accommodate the following four bullets?)**

- a. Intent v. capability (serial IRA)
  - i. Do we need CIP-005 Requirement R2 Part 2.X? How does this relate to Requirement R1 Part 1.1.1.?
- b. Scheduled Tasks
- c. Definition of IRA – Transient Applicability (WebEx Users)
  - i. Defining the R in IRA.
- d. Remote Access Client

#### **6. CIP-005, CIP-007, CIP-010 Standard Review**

- a. Conforming changes to other standards
- b. Add CEC to CIP-007 and CIP-010

#### **7. Outreach Opportunities**

- a. RF Workshop – June 15, 2020 (Matt, Jay, and Scott)
  - i. Poll Questions – Draft

#### **8. Review Parking Lot List**

#### **9. CIP Strategy**

- a. GTB Split (IG/TR)

**10. Future Meeting(s)**

**11. Adjourn**

**Technical Rationale and Implementation Guidance Completion Status**

Document	Progress	Comments
CIP-005 Technical Rationale	60%	Last of content needs to be added.
CIP-005 Implementation Guidance	5%	Skeleton created. Content needs to be inserted.
CIP-007 Technical Rationale	60%	Last of content needs to be added.
CIP-007 Implementation Guidance	60%	Last of content needs to be added.
CIP-010 Technical Rationale	60%	Last of content needs to be added.
CIP-010 Implementation Guidance	60%	Last of content needs to be added.
Definitions	85%	Working on Finish making conforming changes on ESP.  Discussion needed around SCI and TCA.

Parking Lot Items	
Discussion Item	Comments
IRA discussion. Should system-to-system be excluded or included from the definition and/or Requirement R language. See notes from January 14, 2020 meeting.	CIP Leadership
With the Multi-Site Data Center Extension discussion, I thought about the scenario of two distinct Control Centers using a single data center, and CIP-012 forcing encryption of data passed between a single locations. Also this will cause a hall of mirrors like scenario with the Data Center inclusion in the Control Center definition... with the single data center being a part of both control centers.	Scott Klauminzer
Consider removing the word “Documented” from the across all the CIP standards language.	Scott Klauminzer
How serial relates to ESZ and ESP / scoping of serial analysis	CIP Leadership

Parking Lot Items	
Discussion Item	Comments
CIP-005 Serially connected to an IP converter. Is this forced into the ESZ? Cannot be an ESP bc they are not routable. CIP-005 R1 Part 1.1. Relationship to R2.	CIP-005 breakout team to review and address.
Third Party Cyber Assets within the exemption language. Do we need to ensure third party cyber assets are included in the exemption language?	Robert Garcia
Potential scope creep from word monitoring in the word PAMS (PAALS) Double check EAMS as well	Sharon Koller
Concept on R2 for hardening – consider thinking CIP-7 as hardening and staging and CIP-010 as maintaining	Will send comments to the SER team.
Decide if the team wants to handle M in EAMS in CIP-011 and remove from applicability. Needs to be discussed with BCSI SDT.	Matt and Mike
Duplicate new SCI applicability from CIP-007 2.1 and add where applicable throughout CIP-005, CIP-007, and CIP-010. Need to review CIP-005. CIP-007 and CIP-010 completed at September in-person meeting.	Jordan
Security patch applied. 1.1.5. concern about patching being removed such as Microsoft.	Scott
Add SCI to CIP-002 Part 2.1 or 2.2. (stemmed from BCA excluding SCI.)  Was a CIP-003 concern that SCI is not a BCS. Caused by the exclusion from the BCA definition.)	Scott/Matt
Review all conforming changes needed within CIP-004 and definitions.	Mike K.
Fix CIP-006 R1 Part 1.10 for geographic location.	Scott K.

**Attachment 1 (July 22, 2020)**

<b>Name</b>	<b>Company</b>	<b>Member/ Observer</b>	<b>Straw Vote (X)</b>	<b>Conference Call/Web (Y/N)</b>
Jay Cribb	Southern Company	Co-Chair		
Matthew Hyatt	Georgia System Operations Corporation	Co-Chair		
Jake Brown	ERCOT	Member		
Norman Dang	Independent Electricity System Operator of Ontario	Member		
Robert Garcia	SPP, Inc.	Member		
Scott Klauminzer	Tacoma Public Utilities	Member		
Sharon Koller	ATC, LLC	Member		
Forrest Krigbaum	Bonneville Power Administration	Member		
Heather Morgan	EDP Renewables	Member		
Mark Riley	Calpine	Member		
Jordan Mallory	NERC	NERC Staff		
Marisa Hecht	NERC	NERC Staff		
Lonnie Ratliff	NERC	NERC Staff		
Brian Allen	NERC	NERC Staff		
Mike Keane	FERC	FERC		
Jorge Reig	FERC	FERC		
Jen Rinaldi	FERC	FERC		
Ken Lanehome	Bonneville Power Administration	PMOS		
Kirk Rosener	CPS Energy	PMOS		

### **NERC Antitrust Guidelines**

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### **Disclaimer**

Participants are reminded that this meeting is public. Notice of the meeting was posted on the NERC website and widely distributed. The notice included the number for dial-in participation. Participants should keep in mind that the audience may include members of the press and representatives of various governmental authorities, in addition to the expected participation by industry stakeholders.

### **NERC Standards Development Process-Participant Conduct Policy**

<http://www.nerc.com/pa/Stand/Documents/Standards%20Development%20Process-Participant%20Conduct%20Policy.pdf>

### **NERC Email Listserv Policy**

<http://www.nerc.com/pa/Stand/Documents/Email%20Listserv%20Policy%2004012013.pdf>