



# RELIABILITY & SECURITY

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Oversight Monthly Update

August 15, 2024, 2:00 p.m. MT



# Reliability & Security Oversight Monthly Update

August 15, 2024

Mailee Cook, Training and  
Outreach Specialist

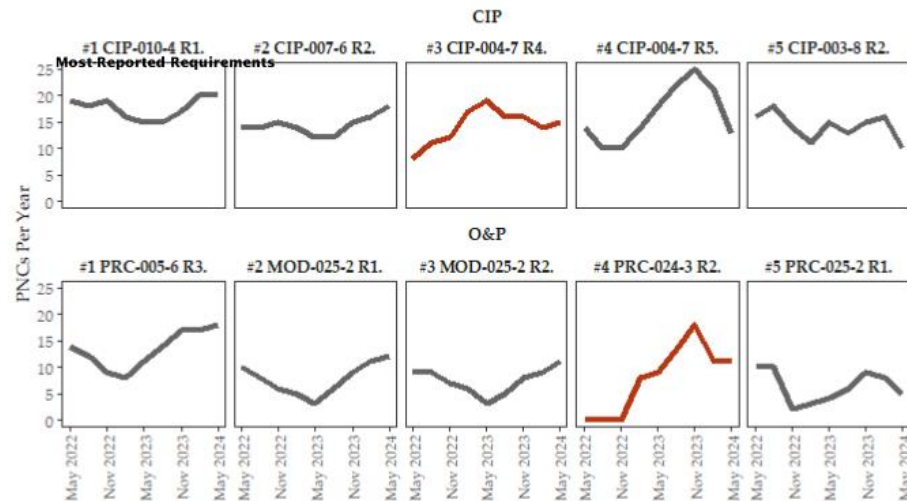


1:55 pm Wed 10 Jul

wecc.org



Increasing Trend Decreasing Trend



# OVERSIGHT TRENDS UPDATE

Q3 2024

Available  
now on  
WECC.org!





# Grid *FUNDAMENTALS*

August 20-21, 2024







# **Enforcement** ***FUNDAMENTALS***



# RELIABILITY & SECURITY

Workshop - Portland, Oregon

October 29–30, 2024





# Antitrust Policy

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- All WECC meetings are conducted in accordance with the WECC Antitrust Policy and the NERC Antitrust Compliance Guidelines
- All participants must comply with the policy and guidelines
- This meeting is public—confidential or proprietary information should not be discussed in open session

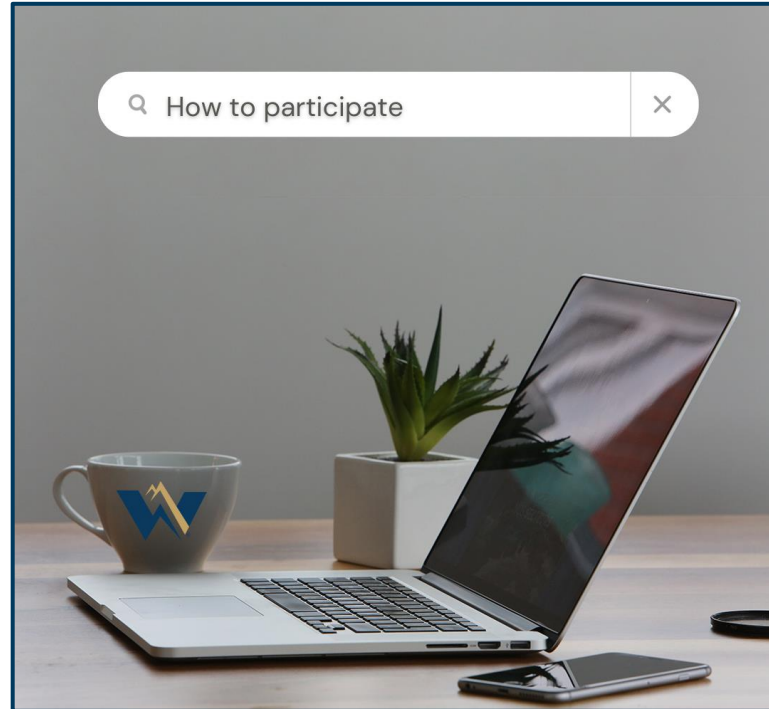
# Antitrust Policy

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- This webinar is being recorded and will be posted publicly
- By participating, you give your consent for your name, voice, image, and likeness to be included in that recording
- WECC strives to ensure the information presented today is accurate and reflects the views of WECC
- However, all interpretations and positions are subject to change
- If you have any questions, please contact WECC's legal counsel



# Participating



Send questions via chat to WECC Meetings  
Use the “raise hand” feature

# Agenda

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- Cold Weather
  - Curtis Crews, Senior Technical Advisor, WECC
- Standards Feedback Team
  - Donovan Crane, Senior Engineer, Standards, WECC
- IBR Registration Initiative
  - Abby Fellingner, Senior Registration & Certification Engineer, O&P, WECC
- CIP-010 Change Management Controls
  - Madison Schlosser, CIP Compliance Specialist, El Paso Electric Company
  - Luis Rodriguez, El Paso Electric Company
- Controls Guidance and Compliance Potential Failure Points
  - Molly Elliott, Senior Technical Analyst, Oversight Planning





# Cold Weather

August 15, 2024

Curtis Crews  
Senior Technical Advisor



# Standards Feedback Team

August 15, 2024

Donovan Crane  
Senior Engineer, Standards



# Ballots/Comments Recently Closed 8-12-2024

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- NERC Project 2020-02 – Draft 3—PRC-029-1 (Ride-through)
  - Yes vote, with R4 and IP suggestions
- NERC Project 2020-06 – Draft 3—IBR Glossary Term
  - Yes vote, we support definition and effort
- NERC Project 2023-02 – Draft 3—PRC-030-1
  - Yes vote. Wording clarification requested. Does Noncompliance Cascade?
- NERC Project 2021-04 – Draft 4—PRC-028-1
  - Yes vote. Definition ambiguity, IP mapping questions

## NERC Project 2020-02 – Draft 3—PRC-029-1 (Ride-through)

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- Seeking some clarification / tech writing issues
- Good consistency on term usage
- R4 could be brought out of standard and into implementation plan
- Voted Yes on standard with the suggestions



# NERC Project 2020-06 – Draft 3—IBR Glossary Term

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- We support the definition.
- We appreciate the effort, will there be examples so that there is no question between Oversight and Entities?
- Voted Yes.

# NERC Project 2023-02 – Draft 3—PRC-030-1

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- Questions about the word “Implement” in the standard.
- Does R2 Failure lead to auto R3 and R4 Failure?
- Voted Yes with clarification questions.



# NERC Project 2021-04 – Draft 4—PRC-028-1

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- IBR Unit defined in a footnote only?
  - Will this go in the glossary or only standard-specific?
- “Commercial Operation” is not defined and can be ambiguous in the Standard.
  - Without the defined term it allows different entities to have different definitions.
- Should “ride-through” be capitalized in 1.2 and 1.3?
- If May is the month that must be identified, the IP should not simply say “May 2026,” it should say “May 1, 2026.”
- Voted Yes with comments and questions for clarification.

# Implementation Plan Mapping

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- The Standards balloted are potentially tied together and require clarity for when their parts will be implemented
- WECC requested an Implementation map from NERC so that it can be clearly seen how and when each part will be implemented





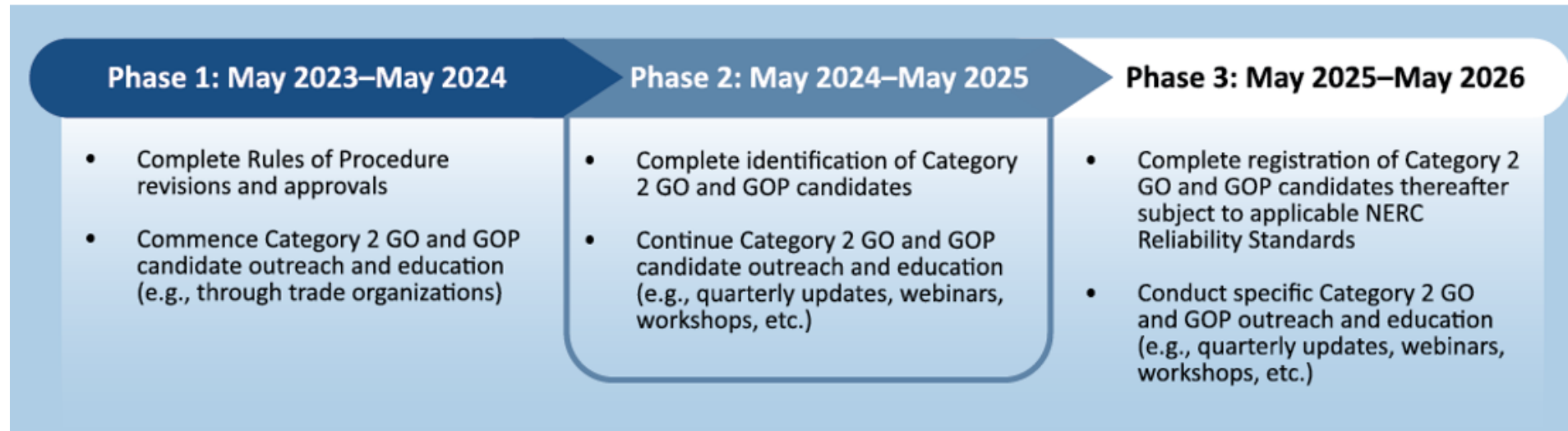
# IBR Registration Initiative Update

August 15, 2024

Abby Fellingner  
Senior Registration &  
Certification Engineer, O&P

# Registration Milestones

- On June 27, 2024, FERC issued an [order](#) approving the [Rules of Procedure](#) revisions, subject to submitting a compliance filing.
- NERC is currently in Phase 2 of the registration milestones identified in the FERC-approved work plan.





# Request for Information

- On July 9, 2024, NERC issued a Request for Information (RFI) to registered **Transmission Owners** and **Balancing Authorities** to identify entities that meet the registration criteria contained in the FERC-approved revisions to the Rules of Procedure.
  - Information provided will be used to contact IBR candidates for purposes of education on [NERC](#) and the [E-ISAC](#), registration, Reliability Standards, etc.





# Request for Information (Cont.)

## Attention Transmission Owners and Balancing Authorities

- RFI Responses are due to your applicable Regional Entity ([registration@wecc.org](mailto:registration@wecc.org)) by September 20, 2024.
  - Fill out each field in the RFI spreadsheet, which may include contact information for Category 2 entities or Not Applicable (N/A). If this request is Not Applicable, please include the following confirmation notification in the Notes section of the RFI spreadsheet:

*“Our entity does not have any non-BES IBRs meeting the criteria that are either (1) owned by our organization or (2) resources connected to our system that are owned by other entities. This submission addresses resources currently in-service and those expected to be in-service by May 2026.”*



# Request for Information (Cont.)

## Request for Information (RFI) – Identification of Owners and Operators of non-BES Inverter-Based Resources (IBRs)

### LIMITED DISCLOSURE (Once data has been entered and submitted)

| Registered Entity Name:  | Entity Example  |                        |                |                |   |   |                                 |  |   |                           |
|--|---|------------------------|----------------|----------------|---|---|---------------------------------|--|---|---------------------------|
| Registered Entity NCR ID:  | NCR55555  |                        |                |                |   |   |                                 |  |   |                           |
| Completed Date:  | 8/15/2024   |                        |                |                |   |   |                                 |  |   |                           |
| Region<br>MRO, NPCC, RF,<br>SERC, Texas RE,<br>WECC<br>(Select from drop-down box) | State where Facility Resides<br>(Select from drop-down box) | Plant Name/Designation | EIA Plant Name | EIA Plant Code | Fuel Type   IBR Type<br>(Select from drop-down box) | Hybrid Resource Facility<br>(Select Yes/No)?<br>(Select from drop-down box) | Gross Nameplate Rating<br>(MVA) | Identify Voltage at Point of<br>Interconnection (kV) | Interconnection Facility<br>(Substation) Name | Non-BES IBR Owner<br>Name |
| WECC   | N/A   | N/A                    | N/A            | N/A            | N/A   | N/A   | N/A                             | N/A  | N/A   | N/A                       |

| Non-BES IBR Owner<br>Corporate Address | Non-BES IBR Owner<br>Contact Name | Non-BES IBR Owner<br>Contact Phone Number | Non-BES IBR Owner<br>Contact Email Address | Non-BES IBR Operator<br>Name | Non-BES IBR Operator<br>Corporate Address | Non-BES IBR Operator<br>Contact Name | Non-BES IBR Operator<br>Contact Phone Number | Non-BES IBR Operator<br>Contact Email Address | Additional Information  |
|--|-----------------------------------|---|--|------------------------------|---|--------------------------------------|--|---|---|
| N/A                                    | N/A                               | N/A                                       | N/A  | N/A                          | N/A                                       | N/A                                  | N/A  | N/A   | "Our entity does not have any non-BES IBRs meeting the criteria that are either (1) owned by our organization or (2) resources connected to our system that are owned by other entities. This submission addresses resources currently in-service and those expected to be in-service by May 2026." |

RFI contains five tabs ->

RFI Instructions

**RFI Form**

RFI Form Examples



Example Diagram Line Item No. 8

Example Diagram Line Item No. 9



# Communications Efforts

- Current communications products:
  - Strategic Communications Plan
  - [Quick Reference Guides](#)
  - [FAQs](#)
  - [Fact Sheets](#)
  - [Quarterly Updates](#)
  - [WECC IBR website posts](#)

## Quick Reference Guide: IBR Registration Initiative

August 2024

As part of its [Inverter-Based Resource Strategy](#), NERC is dedicated to identifying and addressing challenges associated with inverter-based resources (IBR) as the penetration of these resources continues to increase. ERO Enterprise assessments identified a reliability gap associated with the increasing integration of IBRs as part of the grid in which a significant level of bulk power system-connected IBR owners and operators are not yet required to register with NERC or adhere to its Reliability Standards.

In response, FERC issued an [order](#) in 2022 directing NERC to identify and register owners and operators of currently unregistered bulk power system-connected IBRs. Working closely with industry and stakeholders, NERC is executing a FERC-approved work plan to achieve the identification and registration directive by 2026. Resources are also posted on the [Registration page](#) of the NERC website.

### Key Activities




- NERC's Board of Trustees approved proposed Rules of Procedure revisions on February 22 and filed them with FERC on March 19.
- FERC issued an [order](#) approving the Rules of Procedure revisions, subject to submitting a compliance filing, on June 27.
- NERC published its [Q2 2024 Quarterly Update](#) on July 11.
- NEW** NERC submitted its [quarterly work plan update](#) to FERC on August 9.



### IBR Registration Milestones

| Phase 1: May 2023–May 2024   | Phase 2: May 2024–May 2025  | Phase 3: May 2025–May 2026  |
|--|---|---|
| <ul style="list-style-type: none"> <li>Complete Rules of Procedure revisions and approvals</li> <li>Commence Category 2 GO and GOP candidate outreach and education (e.g., through trade organizations)</li> </ul> | <ul style="list-style-type: none"> <li>Complete identification of Category 2 GO and GOP candidates</li> <li>Continue Category 2 GO and GOP candidate outreach and education (e.g., quarterly updates, webinars, workshops, etc.)</li> </ul> | <ul style="list-style-type: none"> <li>Complete registration of Category 2 GO and GOP candidates thereafter subject to applicable NERC Reliability Standards</li> <li>Conduct specific Category 2 GO and GOP outreach and education (e.g., quarterly updates, webinars, workshops, etc.)</li> </ul> |

### Available Resources

- [NERC Registration Page](#)
- [Standards Under Development Page | FERC Order No. 901 Milestone 2 Summary](#)
- [Q1 2024 Update | Q2 2024 Update](#)
- [IBR Webinar Series and FAQs](#)
- [Quick Reference Guide: Candidate for Registration](#)
- [Quick Reference Guide: Inverter-Based Resource Activities](#)
- [Learn about NERC and Join the E-ISAC](#)

[LEARN MORE ABOUT NERC AND THE E-ISAC](#)




**RELIABILITY | RESILIENCE | SECURITY**





# CIP-010 Change Management Controls

August 15, 2024

Madison Schlosser,  
CIP Compliance Specialist,  
El Paso Electric Company



# CIP-010 Change Management Controls

# Agenda

- Introduction
  - Background on EPE
  - Internal Compliance Program at EPE
  - ICDCT
    - Control Objectives 1, 2, & 3
- CIP-010 Change Management Controls at EMSS
  - Workflow



# Introduction

## El Paso Electric Company

- Functional Registrations: BA, DP, GO, GOP, PA/PC, RP, TO, TOP, TP, TSP
- Subject to Regional Entity(s): WECC
- Generation Capability: Local Gen - 1,458 MW; 4 Plants- 3 West Texas and 1 Plant-New Mexico (includes 12.24 MW renewable resources)-Remote Gen-633 MW from Palo Verde
- Peak Load: 2316 (Year 2024)
- Miles of BES Transmission: Approx. 1,180 miles of 345 kV and 517 miles of 115 kV
- Control Center: 2
- Approximate Electric Customers Served: 460,000

# Introduction

- Internal Compliance Program (ICP)
  - ICP-001 – Program Management
  - ICP-002 – Preventive control
  - ICP-003 – Detective control
  - ICP-004 – Corrective control
  - ICP-005 – Training
  - ICP-006 – Internal auditing + Audit Prep
  - ICP-007 – Industry watch and communications
- ICDCT

# Control Objectives

1

Ensure that all changes follow the proper change management process, which includes proper testing, review, approval, and documentation of updated baselines.

2

Ensure that changes do not adversely impact CIP-005 and CIP-007-related controls.

3

Ensure that software source and integrity are verified prior to any changes.

# CIP-010 Change Management Controls at EMSS

- Workflow via ITSM (IT Service Management)
- Separation of duties:
  - **Requesting Engineer** – *Submits Change Request (CR) & Evidence*
  - **Cyber Security (CS) Team** – *Reviews CR & Evidence*
  - **Change Approval Board (Management)** – *Approves CR & Evidence*



# Step 1: Details

## Requesting Engineer populates

- **Summary** – General description with date (Upgrade, onboarding, etc.)
- **Description** – Include links to evidence
- **CIP** – Non-CIP, Significant, Trackable
- **Type** – Standard, Minor, Significant, Major, Emergency
- **Category** – Type of System
- **Risk Level** – Automated from Risk Level tab
- **Impact** – Individual, Department, Company/VIP
- **Urgency** – Low, Medium, High
- **Priority** – Automated from urgency
- **Start Date** – Expected start date of change
- **End Date** – Expected completion date of change

DETAILS
ADDITIONAL DETAILS
TASK (4)
ACTIVITY HISTORY (18)
ATTACHMENT (1)
RISK LEVEL
PRE-ASSESSMENT

**Summary**
\* Upgrade SOCC PROD ISE PSN appliance to 3.1p8 (Oct 2023)

**Description**
\* Upgrade SOCC PROD ISE PSN appliance to 3.1p8 (Oct 2023)  
Required to mitigate various vulnerabilities published by Cisco  
  
Oct 2023 Patch Review:  
<https://csapp1p/contentserver10/cs.exe?>

**CAB Approval Needed** ☐

**CIP\*** Significant
**Type\*** Standard

A Change that is low risk and follows a standard procedure. Use Change Request Templates to automate Standard Changes.

**Category\*** Network Device

**Risk Level** Low


**Impact\*** Department
**Urgency\*** Medium

**Priority** 3

**Start Date\*** 01/15/2024 12:00 AM
**End Date\*** 01/19/2024 12:00 AM

**Attachments**

ATTACH
PASTE

 <https://livelink/otcs...>  
01/08/2024 9:54 AM

**Journal**

**Outgoing Email**  
Date: 01/18/2024 12:38PM  
From: Ivanti\_Alerts@epelectric.com  
To: Valente.Munoz@epelectric.com  
Subject: Change# 2003603 is implemented

**Outgoing Email**  
Date: 01/18/2024 12:38PM  
From: Ivanti\_Alerts@epelectric.com  
To: Valente.Munoz@epelectric.com  
Subject: Baseline is created for Change: 200

**Outgoing Email**  
Date: 01/15/2024 10:59AM  
From: Ivanti\_Alerts@epelectric.com  
To: Valente.Munoz@epelectric.com  
Subject: Change# 2003603 is approved

**Outgoing Email**  
Date: 01/15/2024 10:59AM  
From: Ivanti\_Alerts@epelectric.com  
To: Valente.Munoz@epelectric.com  
Subject: Change# 2003603 is scheduled

# Step 2: Additional Details

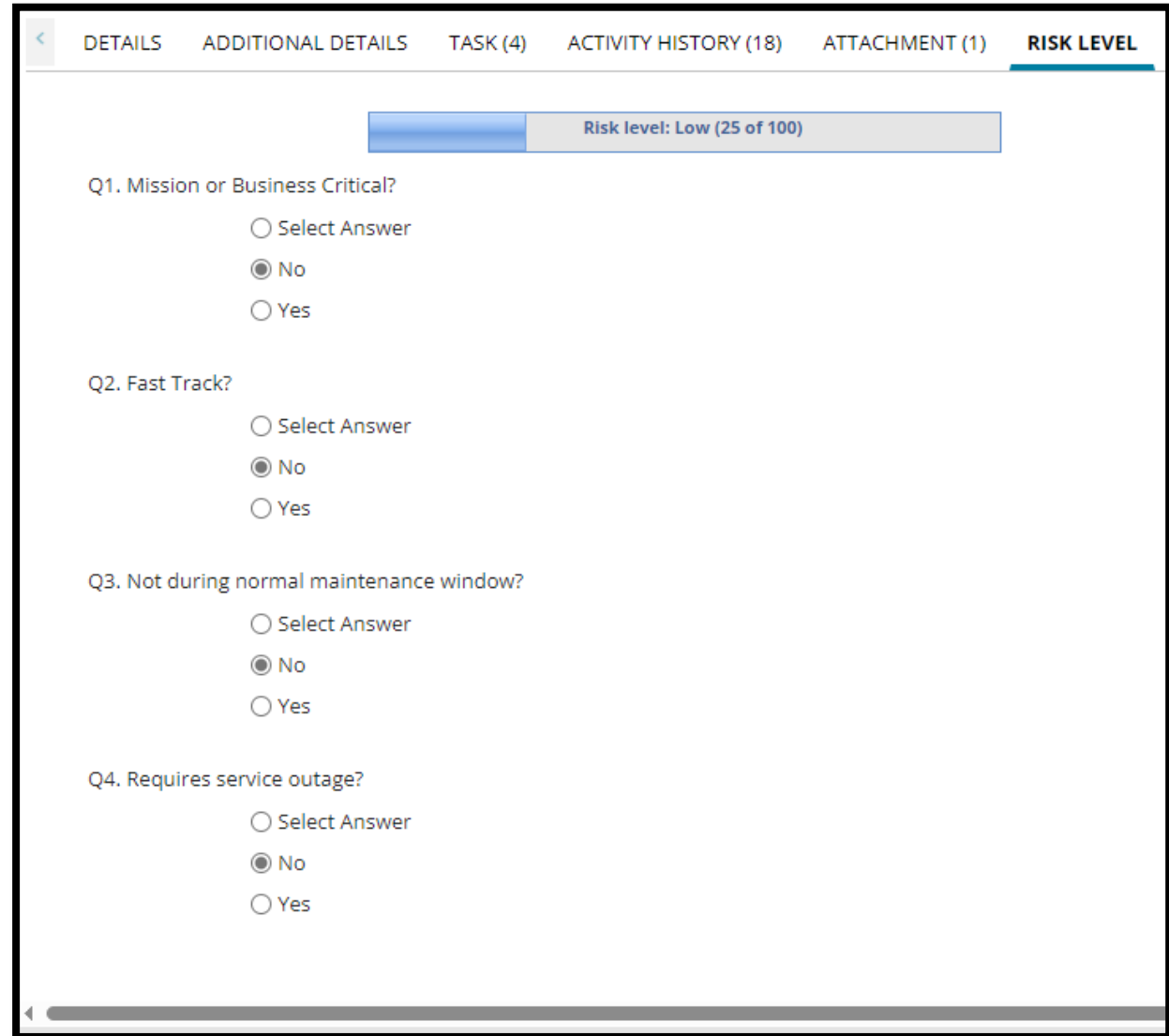
## Requesting Engineer populates

- **Technical Analysis**
- **Backout Plan**
- **Test/Verify Plan** – Testing plan in QA
- **Test/Verify Results** – QA Testing Results & evidence
- **Acceptance Criteria**

|                              | DETAILS  | ADDITIONAL DETAILS | TASK (4) | ACTIVITY HISTORY (18) | ATTACHMENT (1) | RISK |
|------------------------------|--|--------------------|----------|-----------------------|----------------|------|
| <b>Technical Analysis *</b>  | <p>Upgrade SOCC PROD ISE PSN appliance to 3.1p8 (Oct 2023)</p> <p>Required to mitigate various vulnerabilities published by Cisco</p> <p>Oct 2023 Patch Review:<br/> <a href="https://csapp1p/contentserver10/cs.exe?">https://csapp1p/contentserver10/cs.exe?</a> </p>  |                    |          |                       |                |      |
| <b>Backout Plan *</b>        | <p>Roll back updates</p>   |                    |          |                       |                |      |
| <b>Test/Verify Plan *</b>    | <ol style="list-style-type: none"> <li>1. Create backup of current running configuration</li> <li>2. Upload patch package to ISE appliance</li> <li>3. Install patch package and reboot</li> <li>4. Validate the appliance comes back online successfully</li> <li>5. Test ISE functionality (TACACS, RADIUS)</li> <li>6. Back up new running configuration</li> </ol> |                    |          |                       |                |      |
| <b>Test/Verify Results *</b> | <p>See CR2003569 for non-CIP testing and confirmation</p> <p>Evidence:<br/> <a href="https://livelink/otcs/cs.exe?func=ll&amp;objId=128585695&amp;objAction=browse&amp;viewType=1">https://livelink/otcs/cs.exe?func=ll&amp;objId=128585695&amp;objAction=browse&amp;viewType=1</a> </p>   |                    |          |                       |                |      |
| <b>Acceptance Criteria *</b> | <p>Verify no unexpected changes to baselines</p>   |                    |          |                       |                |      |

# Step 3: Risk Level

Requesting Engineer populates



The screenshot shows a web application interface for the 'Risk Level' step. At the top, there is a navigation bar with tabs: DETAILS, ADDITIONAL DETAILS, TASK (4), ACTIVITY HISTORY (18), ATTACHMENT (1), and RISK LEVEL (which is currently selected). Below the navigation bar, there is a progress indicator showing 'Risk level: Low (25 of 100)'. The main content area contains four questions, each with three radio button options: 'Select Answer', 'No', and 'Yes'. The 'No' option is selected for all four questions.

< DETAILS ADDITIONAL DETAILS TASK (4) ACTIVITY HISTORY (18) ATTACHMENT (1) **RISK LEVEL**

Risk level: Low (25 of 100)

Q1. Mission or Business Critical?

☐ Select Answer

☒ No

☐ Yes

Q2. Fast Track?

☐ Select Answer

☒ No

☐ Yes

Q3. Not during normal maintenance window?

☐ Select Answer

☒ No

☐ Yes

Q4. Requires service outage?

☐ Select Answer

☒ No

☐ Yes

# Step 4: Pre-Assessment



Requesting Engineer populates & signs

DETAILS ADDITIONAL DETAILS TASK (4) ACTIVITY HISTORY (18) ATTACHMENT (1) RISK LEVEL **PRE-ASSESSMENT**

Might the change impact any of the following:

|                               |       |
|-------------------------------|-------|
| ESP Changes                   | * No  |
| EAP Changes                   | * No  |
| BES Cyber Assets              | * No  |
| EAP Access Permissions        | * No  |
| Dial-up Authentication        | * No  |
| Routing Changes               | * No  |
| ACLs                          | * No  |
| Ports and Services Changed    | * No  |
| Software Install/Upgrade      | * Yes |
| OS Version                    | * Yes |
| Security Patch Installation   | * Yes |
| Malicious Code Detection      | * No  |
| Security Event Monitoring     | * No  |
| System Access                 | * No  |
| EMS-CIP-005-5-R1-ESP Drawing* | No    |

**Pre-Assessment Comments**

1. Create backup of current running configuration
2. Upload patch package to ISE appliance
3. Install patch package and reboot
4. Validate the appliance comes back online successfully
5. Test ISE functionality (TACACS, RADIUS)
6. Back up new running configuration

Performed By: Valente Munoz on 01/08/2024 9:55 AM

- Verify impact (includes CIP-005 and CIP-007 controls)
- Provide evidence of:
  - Current state of the device or software to be changed
  - Software source and integrity verification evidence
  - Any other evidence as applicable.
- Once signed and completed, CR moves to “Requested” and a task is created for CS Team to review

|       |  |           |     |                |                    |                     |
|-------|--|-----------|-----|----------------|--------------------|---------------------|
| 35333 | Review the Pre-Assessment form                 | Completed | EMS | Andrew Hubbard | 01/08/2024 9:52 AM | 01/08/2024 11:38 AM |
| 35332 | Fill out Pre-Assessment form and complete task | Completed | EMS | Valente Munoz  | 01/08/2024 9:52 AM | 01/08/2024 9:52 AM  |




# Step 4a: Review

## Cyber Security Team reviews and signs


- Verify successful confirmation of testing in QA environment
- Once reviewed and signed, CR status moves to “Pending Approval”

Pre-Assessment Comments

1. Create backup of current running configuration  
2. Upload patch package to ISE appliance  
3. Install patch package and reboot  
4. Validate the appliance comes back online successfully  
5. Test ISE functionality (TACACS, RADIUS)  
6. Back up new running configuration

 Performed By:

Valente Munoz on 01/08/2024 9:55 AM

 Reviewed By:

Andrew Hubbard on 01/15/2024 10:30 AM

## Change Approval Board approves

- Change Approval Board notified via email and task is created
- 1 approval is required
- Once change is approved, CR status moves to “Scheduled”
  - Engineer(s) can proceed with the change

| DETAILS                                 | ADDITIONAL DETAILS | TASK (4)        | ACTIVITY HISTORY (17) | ATTACHMENT (1)     | RISK LEVEL          | PRE-ASSESSMENT              | TEST PROCEDURE | APPROVALS (1) | APPROVAL VOTE TRACKING (3) | IN |
|---|--------------------|-----------------|-----------------------|--------------------|---------------------|-----------------------------|----------------|---------------|----------------------------|----|
| → Go to                                 |                    |                 |                       |                    |                     |                             |                |               |                            |    |
| Name                                    | Status             | Parent Category | Updated By            | Updated On         | Created On          | Approval Vote Details       |                |               |                            |    |
| OT Manager Approval for Change #2003602 | Approved           | Change          | InternalServices      | 01/08/2024 3:31 PM | 01/08/2024 11:38 AM | Approved by German Escobedo |                |               |                            |    |

# Step 5: Test Procedure



Requesting Engineer populates and signs

| DETAILS   | ADDITIONAL DETAILS | TASK (4) | ACTIVITY HISTORY (18) | ATTACHMENT (1) | RISK LEVEL | PRE-ASSESSMENT | TEST PROCEDURE |
|---|--------------------|----------|-----------------------|----------------|------------|----------------|----------------|
| Completed ESP Changes   |                    |          |                       |                |            |                | N/A            |
| Completed EAP Changes   |                    |          |                       |                |            |                | N/A            |
| Updated BES Cyber Assets and PCA Lists                        |                    |          |                       |                |            |                | N/A            |
| Verified EAP Access Permissions                               |                    |          |                       |                |            |                | N/A            |
| Verified Dial-up Authentication                               |                    |          |                       |                |            |                | N/A            |
| Verified Routing Changes                                      |                    |          |                       |                |            |                | N/A            |
| Verified Impact on ACLs                                       |                    |          |                       |                |            |                | N/A            |
| Verified Ports and Services are Enabled                       |                    |          |                       |                |            |                | Yes            |
| Verified Software Versions                                    |                    |          |                       |                |            |                | Yes            |
| Verified OS Version   |                    |          |                       |                |            |                | Yes            |
| Verified Security Patch Installation                          |                    |          |                       |                |            |                | Yes            |
| Verified Malicious Code Detection is Running                  |                    |          |                       |                |            |                | N/A            |
| Verified Security Event Monitoring and Reviewed Abnormalities |                    |          |                       |                |            |                | Yes            |
| Verified System Access Had Not Been Altered                   |                    |          |                       |                |            |                | Yes            |
| Updated EMS-CIP-005-5-R1-ESP Drawing                          |                    |          |                       |                |            |                | N/A            |
| Documented Differences Between Test and Production            |                    |          |                       |                |            |                | Yes            |

(Also include a description of the measures used to account for any differences)

Test Procedure Comments

1. Create backup of current running configuration  
2. Upload patch package to ISE appliance  
3. Install patch package and reboot  
4. Validate the appliance comes back online successfully  
5. Test ISE functionality (TACACS, RADIUS)  
6. Back up new running configuration

Performed By: Valente Munoz on 01/15/2024 9:16 AM

- CR status is moved to “Implemented”
- Verify and document impact to CIP-005 and CIP-007 controls
- Provide evidence of:
  - System state post-change
  - Confirmation of successful system validation
  - Any other evidence as applicable
- Once signed and completed, a task is created for CS Team to review to verify evidence and update baselines as applicable

|       |                                    |           |     |                   |                    |                    |
|-------|------------------------------------|-----------|-----|-------------------|--------------------|--------------------|
| 35473 | Review the 'Test Procedure' form   | Completed | EMS | Yolanda Benavides | 01/15/2024 9:17 AM | 05/20/2024 1:29 PM |
| 35472 | Fill out the 'Test Procedure' form | Completed | EMS | Valente Munoz     | 01/15/2024 9:15 AM | 01/15/2024 9:17 AM |

# Step 5a: Review



Cyber Security Team reviews and signs

| Test Procedure Comments |   |
|-------------------------|---|
|                         | <ol style="list-style-type: none"><li>1. Create backup of current running configuration</li><li>2. Upload patch package to ISE appliance</li><li>3. Install patch package and reboot</li><li>4. Validate the appliance comes back online successfully</li><li>5. Test ISE functionality (TACACS, RADIUS)</li><li>6. Back up new running configuration</li></ol> |
| ● Performed By:         | Valente Munoz on 01/15/2024 9:16 AM   |
| ● Reviewed By:          | Yolanda Benavides on 02/14/2024 4:09 PM   |

- Once reviewed and signed, CR status is moved to “Closed”
- Change control process is complete

# Questions





# Controls Guidance and Compliance Potential Failure Points

August 15, 2024

Molly Elliott

Senior Technical Analyst,  
Oversight Planning

# Controls Guidance and Compliance Potential Failure Points

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- For WECC entities
- Starting point in assessing risk and designing appropriate internal controls
- Examples of control activities based on good practices

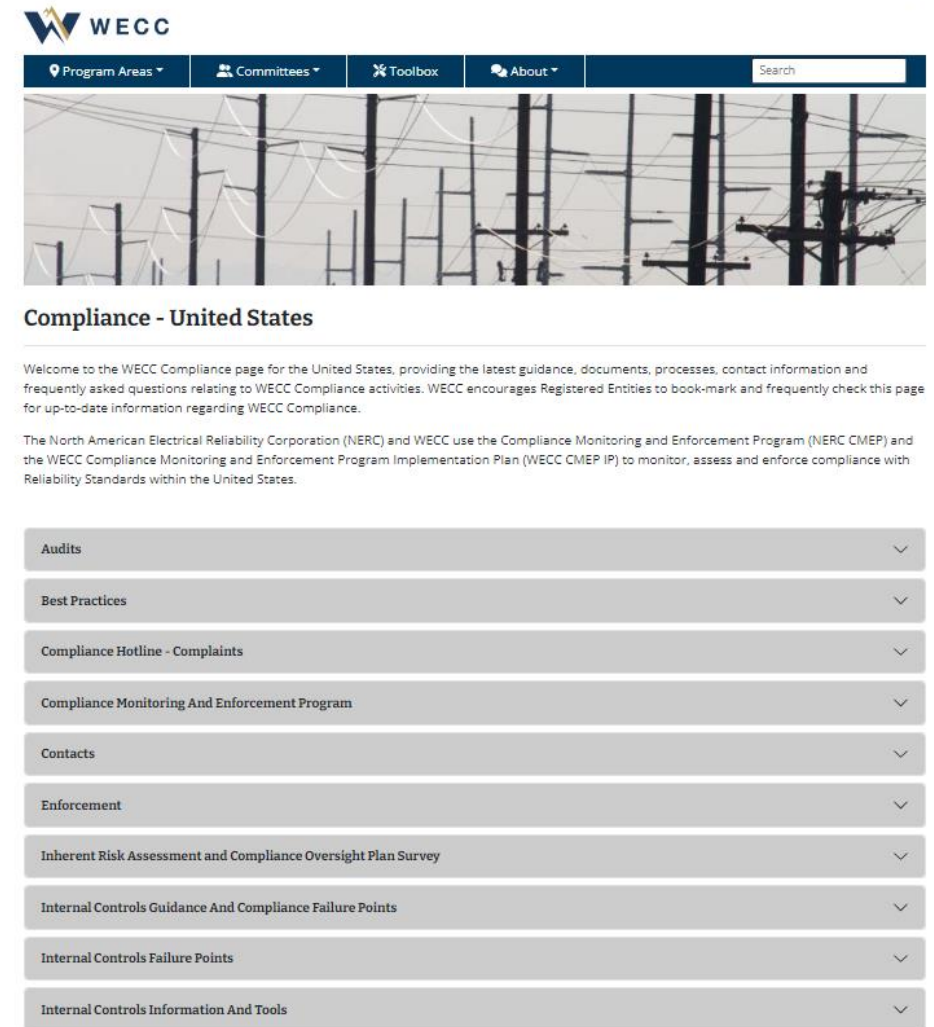
# Controls Guidance and Compliance Potential Failure Points

- 19 Documents
- CIP-010-4 is on the way

| Internal Controls Guidance And Compliance Failure Points |   |            |
|--|---|------------|
| File Type  | Title   | Modified   |
| PDF  | <a href="#">CIP-003-8 Controls Guidance and Compliance Failure Points</a>         | 2024-07-09 |
| PDF  | <a href="#">CIP-005-7 Controls Guidance and Compliance Failure Points</a>         | 2024-07-09 |
| PDF  | <a href="#">CIP-008-6 Controls Guidance and Compliance Failure Points</a>         | 2024-07-09 |
| PDF  | <a href="#">CIP-012-1 Controls Guidance and Compliance Failure Points</a>         | 2024-07-09 |
| PDF  | <a href="#">CIP-013-2 Controls Guidance and Compliance Failure Points</a>         | 2024-07-09 |
| PDF  | <a href="#">CIP-014-3 Controls Guidance and Compliance Failure Points</a>         | 2024-07-09 |
| PDF  | <a href="#">COM-001-3 Controls Guidance and Compliance Failure Points</a>         | 2024-07-09 |
| PDF  | <a href="#">EOP-004-4 Controls Guidance and Compliance Failure Points</a>         | 2024-07-09 |
| PDF  | <a href="#">EOP-011-2 R1 - R6 Controls Guidance and Compliance Failure Points</a> | 2024-07-09 |
| PDF  | <a href="#">EOP-011-2 R7, R8 Controls Guidance and Compliance Failure Points</a>  | 2024-07-09 |
| PDF  | <a href="#">FAC-001-4 Controls Guidance and Compliance Failure Points</a>         | 2024-07-09 |
| PDF  | <a href="#">FAC-008-5 Controls Guidance and Compliance Failure Points</a>         | 2024-07-09 |
| PDF  | <a href="#">FAC-014-3 Controls Guidance and Compliance Failure Points</a>         | 2024-08-09 |
| PDF  | <a href="#">MOD 032-1 Controls Guidance and Compliance Failure Points</a>         | 2024-07-09 |
| PDF  | <a href="#">MOD-033-2 Controls Guidance and Compliance Failure Points</a>         | 2024-07-09 |
| PDF  | <a href="#">PRC-005-6 Controls Guidance and Compliance Failure Points</a>         | 2024-07-09 |
| PDF  | <a href="#">PRC-024-3 Controls Guidance and Compliance Failure Points</a>         | 2024-07-09 |
| PDF  | <a href="#">PRC-027-1 Controls Guidance and Compliance Failure Points</a>         | 2024-07-09 |
| PDF  | <a href="#">TPL-001-S.1 Controls Guidance and Compliance Failure Points</a>       | 2024-07-09 |

# Controls Guidance and Compliance Potential Failure Points

- New website: Slightly new look
  - Program Areas > Compliance > United States
- Refresh your links
- <https://www.wecc.org/program-areas/compliance/compliance-united-states>







# RELIABILITY & SECURITY

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Oversight Monthly Update

September 19, 2024, 2:00 p.m. MT



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