



**MIDWEST
RELIABILITY
ORGANIZATION**

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[Registered Entity Name]

NERC ID: [NCRXXXXXX]

EOP-008-1 Loss of Control Center Functionality

1st Quarter 2016 Self-Certification



Instructions

- 1.** Complete the tasks listed under **Appendix A**.
- 2.** Log into **webCDMS** and complete your self-certification response.
- 3.** Submit via the MRO EFT Encrypted Site:
 - a. This completed Worksheet; and
 - b. Specific evidence requested within the **Appendix A**. Please make sure to use unique file names for each evidence file submitted, and identify within your narratives which specific evidence files support each conclusion made. These references and the use of unique file names helps facilitate and expedite MRO's review of the Self-Certification work that has been performed.



Scope

EOP-008-1 Loss of Control Center Functionality

- R1.** *Each Reliability Coordinator, Balancing Authority, and Transmission Operator shall have a current Operating Plan describing the manner in which it continues to meet its functional obligations with regard to the reliable operations of the BES in the event that its primary control center functionality is lost. This Operating Plan for backup functionality shall include the following, at a minimum: [Violation Risk Factor = Medium] [Time Horizon = Operations Planning]*
- 1.1. The location and method of implementation for providing backup functionality for the time it takes to restore the primary control center functionality.*
 - 1.2. A summary description of the elements required to support the backup functionality. These elements shall include, at a minimum:*
 - 1.2.1. Tools and applications to ensure that System Operators have situational awareness of the BES.*
 - 1.2.2. Data communications.*
 - 1.2.3. Voice communications.*
 - 1.2.4. Power source(s).*
 - 1.2.5. Physical and cyber security.*
 - 1.3. An Operating Process for keeping the backup functionality consistent with the primary control center.*
 - 1.4. Operating Procedures, including decision authority, for use in determining when to implement the Operating Plan for backup functionality.*
 - 1.5. A transition period between the loss of primary control center functionality and the time to fully implement the backup functionality that is less than or equal to two hours.*
 - 1.6. An Operating Process describing the actions to be taken during the transition period between the loss of primary control center functionality and the time to fully implement backup functionality elements identified in Requirement R1, Part 1.2. The Operating Process shall include at a minimum:*
 - 1.6.1. A list of all entities to notify when there is a change in operating locations.*
 - 1.6.2. Actions to manage the risk to the BES during the transition from primary to backup functionality as well as during outages of the primary or backup functionality.*
 - 1.6.3. Identification of the roles for personnel involved during the initiation and implementation of the Operating Plan for backup functionality.*
- R7.** *Each Reliability Coordinator, Balancing Authority, and Transmission Operator shall conduct and document results of an annual test of its Operating Plan that demonstrates: [Violation Risk Factor = Medium] [Time Horizon = Operations Planning]*
- 7.1. The transition time between the simulated loss of primary control center functionality and the time to fully implement the backup functionality.*
 - 7.2. The backup functionality for a minimum of two continuous hours.*



Appendix A

1. As a Reliability Coordinator (RC), Balancing Authority (BA), or Transmission Operator (TOP), do you have a current Operating Plan to meet your functional obligations in the event that your primary control center functionality is lost, as described in EOP-008-1 R1 and its sub-requirements?

Yes, continue to step 2.

No, respond “Not Compliant” to the Self-Certification in webCDMS for EOP-008-1 R1. Describe why below:

Comments

2. (R1) Review your Operating Plan. Does your Operating Plan include the items that are identified in EOP-008-1 R1.1 through R1.6?

Yes, continue to step 3.

No, respond “Not Compliant” to the Self-Certification in webCDMS for EOP-008-1 R1. Please provide comments explaining what is missing from the operating plan that should have been covered by R1.1 through R1.6.

Comments

3. (R1) Provide your most recent Operating Plan covering EOP-008-1 R1 and its sub-requirements.

File Name	File Description/Contents

4. (R1) Based on your current Operating Plan, summarize the actions expected to be completed during the transition period, per the requirements of EOP-008-1 R1.6, between the loss of the Primary Control Center functionality and the time at which the backup functionality elements identified in EOP-008-1 Requirement 1.2 have been fully implemented.

Comments

5. (R7) Have you conducted an annual test of the Operating Plan during the Self-Certification monitoring period that demonstrates:



- A. The transition time between the simulated loss of primary control center functionality and the time to fully implement the backup functionality?
- B. The backup control center functionality for a minimum of two continuous hours?
 - Yes.
 - No, respond “Not Compliant” to the Self-Certification in webCDMS for EOP-008-1 R7.

Provide evidence to support your response. *[For example: test documentation, operations logs, control center logs, backup control center drill documentation. Documentation should show test start time, time that it took to fully implement backup control center functionality and the time the test ended]*

File Name	File Description/Contents