Testing Application of Settings

Issue Summary

Entities can prevent misoperations by testing the application of settings. Common approaches include comprehensive quality control reviews and power system simulator testing. Proactively validating settings prior to applying and testing them in the field creates opportunities to catch errors and prevent misoperations before they occur. Simulating anticipated scenarios can ensure settings will operate as intended, and timely identify potential adjustments.

Time Estimates & Action Plan

12 MO — WECC and the RWG create a guideline for testing application of settings, and include an evaluation checklist.

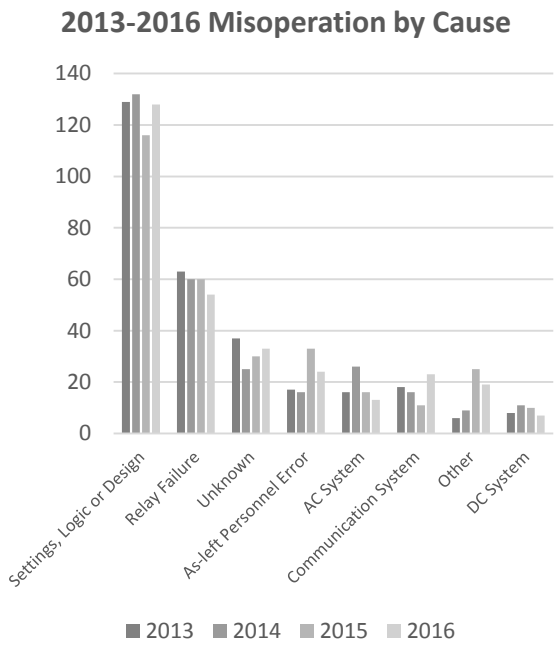
12 MO — WECC and subject matter experts develop a best practice guide for testing application of settings, including real-world examples and points of contact from across the industry.

03 MO — The RWG remains a point of contact for entities interested in refining their processes.

09 MO — Entities perform internal evaluations of practices regarding application testing prior to field implementation, and identify areas for improvement.

Analysis

Preventing misoperations caused by "Incorrect settings, logic or design" can reduce the number of misoperations in the Western Interconnection significantly. This cause code accounts for 43 percent of all misoperations in the Western Interconnection, and is the leasing cause of misoperations nationally.



Questions to consider:

1. Is this an appropriate issue for the Misoperations Reduction Strategy?
2. How would you rank the priority of this issue (high, medium or low), and why?
3. Do you feel each action could be accomplished in the proposed time frame?
4. Does the Action Plan adequately address the issue?
5. What is the likelihood that your company would adopt the Action Plan (likely, possibly, unlikely), and why?