

# Analyzing & Mitigating Contingencies: Operational Situation Analysis

Instructor-Led Training



**Analyzing & Mitigating Contingencies: Operational Situation Analysis** is a two-day course that will develop and test system operator knowledge in identifying, analyzing, and mitigating contingencies on the Bulk Electric System. The course combines instructor lecture with a variety of simulation scenarios. After completing this course, a system operator will be able to:

- Define and apply situational awareness to improve operating sensibility
- Judge how the terms Security, Adequacy, and Predictability apply to the operating state
- Analyze and prioritize system contingencies
- Internally develop the three areas necessary to acquire operational situational awareness – perceive, comprehend, and project
- Describe the importance of developing an accurate Mental Model (how we know how things work)
- Identify and recognize credible and critical contingencies
- Locate, adjust and/or direct system components to mitigate the adverse effects of contingencies using the PowerSimulator

Use of the PowerSimulator will enable participants to develop and test their knowledge and skill in identifying, analyzing and mitigating contingencies through situation analysis.

This course is for NERC certified participants with a working knowledge of transmission and balancing area systems.



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