Emergency Response and Reporting

Background

This 1-day class is designed for real-time system operating personnel. The class covers the Standards, actions, and reporting requirements associated with system emergencies and disturbances. It consists of lecture, group and individual exercises, and use of a power system simulator for demonstration and evaluation.

Target Audience

This course is intended for real-time system operators and support personnel operating on the Bulk Electric System who wish to expand their knowledge and to enhance their skills associated with emergencies/disturbances. The goal is to provide attendees with the necessary training to understand the concepts and to utilize the skills in performing their day-to-day tasks.

NERC Continuing Education Hours

8.0 CEHs – Total
2.0 CEHs – Standards
8.0 CEHs – Ops Topics
5.0 CEHs – Sim

NERC Emergency Training Requirement

8.0 hours of Emergency Operations

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Emergency Response and Reporting

Class Content

The course modules' content includes:

NERC Standards

The NERC Standards module provides an overview to the following standards related to system emergencies:

- EOP-002-0: Capacity and Energy Emergencies
- EOP-003-0: Load Shedding Plans
- EOP-004-0: Disturbance Reporting

Emergency/Disturbance Response

The Emergency/Disturbance Response module steps through the process of identifying emergency/disturbance conditions and evaluating various mitigating options. The participants will then discuss the implications of the actions and identify how each action is implemented. The Emergency/Disturbance conditions included are: voltage concerns, line loading issues, and resource adequacy. The participants will not only step through each mitigating action, but also see a demonstration of each action on the EPRI Generic simulator.

Emergency/Disturbance Reporting Requirements

The course covers NERC and DOE reporting requirements related to the DOE-OE-417 Report, NERC IROL and Preliminary Disturbance Report, and NERC EEA 3 Report. The elements associated with the reports are explored and completion of the reports is accomplished. The course culminates with various simulations requiring class participants to mitigate a variety of system conditions and then complete the appropriate reports based on the events that occurred and the actions implemented.

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Classroom Schedule

Day 1 - 8:00 AM to 5:00 PM (Lunch provided)

Attendee Requirements

Attendees must sign-in for the training activity in accordance with the attendance verification process stated:

- Attendees are required to sign-in on the course sign-in sheet
- Attendees are required to provide their NERC SO Certification # on the sign-in sheet, if applicable
- Attendees are required to provide a photo ID as proof of identity
- Attendees must participate in all course activities
- Attendees must successfully complete the activity assessment
- Attendees must submit a course evaluation form

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