Switching & Clearances

Background

This online course is delivered through Spark! By OES-NA. This course is intended to provide System Operators with the necessary training to understand their role, switching equipment, switching and clearance terminology, review of switching errors and steps for prevention, and switching procedure review. The module includes several switching exercises that must be completed as part of the module assessment.

Course Level

Not Applicable

Target Audience

The course is intended for System Operators and any personnel who wish to gain knowledge of switching procedure, switching equipment, switching and clearance terminology, review of switching errors and steps for prevention. This course can also be utilized by individuals preparing to obtain a NERC System Operator Certification Credential, as well as, those seeking recertification.

NERC Continuing Education Hours

TOTAL: 6.5 CEHs
Standards: 0.0 CEHs
Ops Topics: 6.5 CEHs
Sim: 0.0 CEHS

NERC Emergency Training Requirement

6.5 hours of Emergency Training

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Course Content

This course consists of seven segments: NERC Standards, Communications, Transmission Equipment, Transmission Switching, Switching Terminology & Procedures, Errors and Prevention, and Exercise/Assessments. The objectives of the module are:

- Identify the NERC Standards and their implications during switching activities
- Identify the importance of communications during switching activities
- Describe the transmission equipment utilized for switching transmission equipment
- Explain key considerations and precautions when performing switching activities
- Identify switching terminology that is used within the industry
- Describe sample switching procedures that are used within the power industry
- Identify how switching errors can occur and steps to reduce or prevent errors

Delivery Schedule

Since the course is delivered on an individual basis via the Internet, individuals have the ability to set their own pace and schedule for completion of the course. Registered students are provided with 6 months from the time of registration to complete the course.

Student Requirements

- Students must sign-in using their individual log-in and password to access the course.
- Students are required to provide their NERC SO Certification # and other applicable contact information during the course registration process.
- Students must complete all course material.
- Students must submit a course evaluation form. (Level of completion is not measured, but full completion is desired)

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