



Transmission Line Restoration [872]

Overview

This course is designed to provide qualified Integrated Transmission System (ITS) operators with additional skills to perform emergency restoration functions. It provides hands-on experience in Transmission Line grounding. The training defines the purpose and operations of a Transmission Line and provides an explanation of responsibilities during restoration. This program provides participants with the basic knowledge of how to safely perform normal operating duties and restore power on transmission lines after a fault, following the Electrical System Operating Procedures. Both individual safety and Transmission Line safety are emphasized throughout the program.

Participants are taught clearance procedures and proper grounding practices on transmission lines. They will also receive hands-on training in originating switching orders, applying and removing system safety grounds, and switching out or switching in sections of transmission lines.

Duration

1 Day

Topics

- Introduction
- Safety
- Clearance and Hold Tag procedures
- Transmission Line Grounding
- Transmission Switching Scenarios

Who should take this course?

Any ITS Qualified Operator with current Switching Authority status.

Prerequisites

Course 802 – Qualified Operator 5-Day (Switching Authority)

*Exceptions require management approval.

Objectives

- Comply with all safety rules in accordance with industry safety procedures when working transmission lines.
- Properly inspect system safety grounds before installation
- Receive, write and physically execute a correct switching order in accordance with the Electrical System Operating Procedures.
- Identify, inspect and explain trouble found on a transmission line.

- Physically demonstrate proper procedure for applying and removing system safety grounds on transmission lines with and without distribution under build

Activities

- Introduction
- Safety
- Executing Switching order and signing on clearances
- Inspecting and applying grounds
- Switching Scenarios
- Evaluation

Requirements

- Classes are held at the Electric Cooperative Training Center or an EMC location.
- Class size:
 - Minimum of four (4) participants.
 - Maximum of eight (8) participants.
- All participants must attend the entire training session.
- Participants must complete an examination.
- Re-qualification is required annually (within 12 months).
- Training should be scheduled at least one month in advance.

CEUs

TBD