



## Transmission Line Restoration Re-qualification [873]

### Overview

This course is designed to review emergency restoration procedures, update students on new equipment and practices, and re-qualify individuals with current grounding authority. 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

1/2 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/Grounding Authority status.

### Prerequisites

Course 872 – Transmission Line Restoration

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

\*Exceptions require management's 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 a field evaluation.
- Re-qualification is required annually (within 12 months).
- Training should be scheduled at least one month in advance.

### **CEUs**

TBD