

Substation Access Only [850]

Overview

This course provides a visual, walk-through, general inspection of a distribution substation. A complete check of all systems and equipment in any substation could be extremely time consuming. This course will cover a limited number of checks that a person should perform when visiting a substation for any purpose. The main objective is to enable the participant to safely enter a substation and make a visual check for any abnormal conditions.

Duration

1 Day

Topics

- Introduction
- Substation
- Inspection of Substation
- Station Battery
- Substation Yard
- Bus Work
- Switches
- Power Fuses
- Transformers
- Circuit Breakers
- Voltage Regulators
- Departing a Substation

Who should take this course?

Anyone required to enter a substation.

Prerequisites

None

Objectives

- Apply all safety rules in accordance with safety procedures before and after entering a distribution substation.
- Perform a visual inspection of the following: station battery, substation yard, bus work, switches, power fuses, transformers, circuit breakers and voltage regulators.
- Provide a system control center with data relating to equipment status and indicating devices after the walk-through inspection has been made.

Activities

- 8:00 a.m. to 11:30 a.m. - classroom instruction
- 11:30 a.m. to 12:00 p.m. - lunch
- 12:30 p.m. to 1:30 p.m. - substation walk-through experience
- 1:30 p.m. to 4:00 p.m. - written and substation evaluation

Requirements

- On-site classes require an available training room approved by Georgia Transmission Corporation instructor.
- All participants must attend complete training session from 8:00 a.m.- 4:00 p.m.
- Participants must complete all parts of the examination.
- Re-qualification is required annually.
- Training must be scheduled at least one month in advance.

CEUs

0.6