

On-Site Written Examination [803]

Overview

This 50-question, multiple-choice, written examination was developed to take the place of the annual Re-qualified Operator 1-Day or Re-qualified Operator 2-Day instructor-led courses. The written examination will be administered by a Georgia Transmission Corporation instructor at a Member Systems' facility, the Electric Cooperatives Training Center at Smarr or another approved facility.

Duration

1.5 Hours

Topics

- Safety
- Operating Procedures
- System Protection
- Battery Charges
- System One-Line Diagrams
- Relaying (B.U.O.C, Overcurrent and Auxiliary Relay)
- Fuse Zone of Protection
- Distribution System Switch Numbering
- Types of Air Break Switches and Operating Practices
- Substation Equipment
- Substation Control Panels
- Originating Correct Switching Orders

Who should take this examination?

Anyone required to operate Integrated Transmission System equipment.

Prerequisites

Course 802 - Qualified Operator 5-Day

Objectives

- Adhere to safety rules in accordance with safety procedures before and after entering a substation and when operating equipment.
- Identify equipment symbols and associated numbering method used on the system one-line diagrams to verify that a correct switching order has been issued.

Objectives, continued.

- Write a correct switching order in accordance with the Electrical System Operating Procedures.
- Identify and explain the purpose of the following individual equipment: station battery, fuses, switches, transformers and control panels.

Activities

Includes two components:

1. A one and one-half hour written examination.
2. Hands-on demonstrated competency in switching, which is verified by individual's manager.

Requirements

Satisfactory completion requires a score of 90 percent or higher.

- Minimum number of people required for on-site testing is 15 employees.
- Examination area must be approved by a Georgia Transmission Corporation instructor.
- Number per testing session must not exceed 30 employees.
- Participants must complete all parts of the examination.
- Re-qualification is required annually.
- Participants must complete an instructor-led training session every third year.
- Written examination must be scheduled at least two (2) months in advance.

CEUs

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