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**Course: Switching Underground Distribution**

**Location:** Employee Development Center (EDC) – Red Deer

**Delivery Method:** Classroom/Lab

**Course Length:** 7.5 hours

**Scope of Training:** This course is intended to provide instruction on 25kV switching procedures using various underground equipment.

**Target Audience:** Journeyman Power Line Technicians, Power System Electricians, Electrical Engineers

**Subject Matter:**

The course will include:

- OH&S regulations
- Safe work planning/job planning
- SLD interpretation and switch planning
- Roles and responsibilities
- Tools and equipment
- Pre-job checks and testing procedures
- Minimum approach distances and second points of contact
- Three-part communication

**Learning Objectives:**

At the completion of this session the participants will be able to:

- Identify hazards related to switching various equipment and put safety controls in place
- Prepare and execute a switch program according to the SLD and safe work practices
- Complete the proper tags and permits and understand the importance of proper permitting
- Demonstrate the skills required to operate various switching devices on a 25kV system
- Properly transfer load according to the system's protection devices

**Maximum Class Size:** 8 students

**Estimated Cost:** \$5400.00/session

Please contact us at [edcexternaltraining@fortisalberta.com](mailto:edcexternaltraining@fortisalberta.com) with questions regarding a firm quote as these costs are estimated and details about the course and delivery.