

UETDRSB001 Perform Substation Switching Operations to a given Schedule



Aim

This Nationally Accredited five-day course will provide participants with the skills and knowledge to perform substation switching operations in the electricity supply industry (ESI) .

Recommended For

Individuals responsible for performing substation switching operations.

Entry Requirements

Individuals must hold a recognised Certificate III ESI - Distribution Overhead qualification, Certificate III ESI - Distribution Underground qualification or unrestricted electrical workers licence or electrical engineering qualification.

An individual not holding these qualifications can contact Energy Skills Solutions to discuss their eligibility to attend the course.

Relationship to Training Package

The course aligns to several units in the national UET Transmission, Distribution and Rail Sector Training Package.

Details

Code:	UETDRSB001
Duration:	5 days
Course No:	Minimum 5 - Maximum 8 participants
Fee:	Contact ESS. Fee will include printed training material.
Payment:	Client will be invoiced as per Energy Skills Solutions invoicing process. Payment as per Energy Skills Solutions terms of payment.
Dress:	Minimum personal protective equipment for the training course includes: <ul style="list-style-type: none">• Protective clothing (Industry approved)• Safety helmet• Safety glasses• Electrical insulating gloves• Work gloves• Safety boots

Objectives

On completion of the course, participants will be able to:

- Comply with the safety requirements and procedures for substation switching operations.
- Apply high voltage substation switching operation principles when performing substation switching.
- Understand the role and function of substation protection systems and protection devices
- Operate a range of high voltage electrical switchgear
- Develop switching schedules using substation schematics and plans
- Apply the requirements and procedures for safe access to substation electrical apparatus

Content

- Regulatory, industry and network operator requirements
- Hazards, job planning and risk assessment
- Types and application of PPE
- Substation switching principles
- Application, purpose, and types of work permits
- Substation types, layouts, function and operating characteristics of various switchgear
- Protections systems
- Substation automation system

Delivery

The course is conducted face-to-face in a training room and practical workshop environment.

A range of high voltage equipment will provide participants with the opportunity to perform switching in a simulated and safe environment.

The importance of safety is emphasised throughout the course.

Course can be customised to meet the client's requirements.

Assessment

Knowledge and practical assessments are included in the course.

Participants are issued an on-the-job workbook at the completion of the course for on-the-job training and to collect evidence for assessment.

The completed workbook is submitted to Energy Skills Solutions for assessment and sign off.

Participants will need to successfully complete both the off the job training, on-the-job assessment and pre-requisite requirements before a Statement of Attainment is issued.

Certification

The units in the course are nationally recognised.

A Statement of Attainment is issued after the participant has successfully completed both the off the job and the on-the-job components of the course.

Note: Any prerequisite unit requirements will also need to be met before a Statement of Attainment is issued.

For more information on our services and products, contact:

Energy Skills Solutions
Unit 9/202 Camboon Road, Malaga
Western Australia 6090
ABN 84 140 642 851
Phone (08) 9209 3833
Email admin@energyskillsolutions.com.au
Web: <http://www.energyskillsolutions.com.au>

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