



## Install and replace power system energy meters and associated equipment – UETTD RIS60

**Module purpose** This unit provides the learner with the knowledge and skills to competently and safely install and replace power system energy meters and comply with all relevant industry rules, standards and procedures.

**For whom** This unit is essential training for persons responsible for installing and replacing power system energy meters and associated equipment.

This can include;

- Distribution Lineworker's
- Distribution Cable Jointers
- Electro technology Electricians.

**Prerequisites** Granting of competency in this unit shall be made only after competency in the following unit(s) has/have been confirmed.

Where pre-requisite pathways have been identified. All competencies in the Common Unit Group must be have been completed plus all the competencies in one (1) of the identified Pathway Unit Group(s):

- Distribution Overhead
- Distribution Cable Jointing
- Electro technology Electrician

### Common unit group

Unit Code	Unit Title
UEENEEE101A	Apply Occupational Health and Safety regulations, codes and practices in the workplace
UEENEEE102A	Fabricate, assemble and dismantle utilities industry components
UEENEEE104A	Solve problems in d.c. Circuits
UEENEEE105A	Fix and secure electro technology equipment
UEENEEE107A	Use drawings, diagrams, schedules, standards, codes and specifications
UEENEEG101A	Solve problems in electromagnetic devices and related circuits
UEENEEG102A	Solve problems in low voltage a.c. Circuits
UETTDREL16	Working safely near live electrical apparatus

### Distribution Overhead Pathway Group

Unit Code	Unit Title
UETTD RDP12	Maintain overhead energised low voltage conductors and cables
UETTDREL11	Apply sustainable energy and environmental procedures
UETTDREL12	Operate plant and equipment near live electrical conductors and apparatus
UETTD RIS41	Install network infrastructure electrical equipment
UETTD RIS42	Maintain network infrastructure electrical equipment
UETTD RIS52	Install and maintain poles, structures and associated hardware
UETTD RIS54	Install and maintain poles, structures, overhead conductors and cables
UETTD RIS56	Install and maintain low voltage overhead services

### Distribution Cable Jointing Pathway Group

Unit Code	Unit Title
UETTDRCJ21	Lay ESI electrical cables
UETTDRCJ26	Install and maintain de-energised low voltage underground polymeric cables.
UETTDRCJ27	Install and maintain de-energised high voltage underground polymeric cables.
UETTDREL11	Apply sustainable energy and environmental procedures
UETTDREL12	Operate plant and equipment near live electrical conductors and apparatus
UETTDNIS41	Install network infrastructure electrical equipment
UETTDNIS42	Maintain network infrastructure electrical equipment
UETTDNIS55	Install and maintain low voltage underground services

### Electro technology Electrician Pathway Group

Unit Code	Unit Title
UEENEEE137A	Document and apply measures to control OHS risks associated with electro technology work
UEENEEG006A	Solve problems in single and three phase low voltage machines
UEENEEG033A	Solve problems in single and three phase electrical apparatus and circuits
UEENEEG063A	Arrange circuits, control and protection for general electrical installations
UEENEEG103A	Install low voltage wiring and accessories
UEENEEG104A	Install appliances, switchgear and associated accessories for low voltage electrical installations
UEENEEG106A	Terminate cables, cords and accessories for low voltage circuits
UEENEEG107A	Select wiring systems and cables for low voltage general electrical installations
UEENEEG108A	Trouble-shoot and repair faults in low voltage electrical apparatus and circuits
UEENEEG109A	Develop and connect electrical control circuits
UEENEK142A	Apply environmentally and sustainable energy procedures in the energy sector

**Delivery and Assessment Method** Classroom face to face delivery and small group activities. Assessed with multiple written and practical assessment completing a variety of tasks.

**Planned duration** Training session:  
Initial: 32 hours  
Written Assessment: 4 x 60 minute assessments  
Practical Assessment: 4 x 60 minute assessments  
Maximum of 8 participants.



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TRAINING