



Australian Government

UEERE0084 Manage renewable energy (RE) projects

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the UEE Electrotechnology Training Package.

This unit replaces and is not equivalent to UEERE0042 Manage renewable energy (RE) projects. Modifications include:

- Significant amendments made to Elements and Performance Criteria
- Range of conditions updated
- Updates to performance and knowledge evidence requirements and CVIG content developed.

Application

This unit involves the skills and knowledge required to manage renewable energy (RE) projects. It includes determining the scope of the project, managing the project and completing the project.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable

Competency Field

Renewable Energy

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Determine scope of the RE project

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- 1.1 Project scope, deliverables and budget are identified from project planning and other relevant documentation and consultation with relevant person/s

- 1.2 Appropriate project management tools, and relevant standard enterprise project management processes/techniques are identified
 - 1.3 Relevant work health and safety (WHS)/occupational health and safety (OHS) processes and procedures are identified and implemented
 - 1.4 Measurable outcomes that will apply across the life of the project are identified from project planning and other relevant documentation
 - 1.5 Plant, materials and skills required to achieve project outcome/s are identified from project planning and other relevant documentation
 - 1.6 Stakeholders that will be impacted and involved are identified and engaged
 - 1.7 Processes and procedures are developed for managing contract variations from discussions with relevant person/s and in accordance with contractual agreement
 - 1.8 Sustainable work practices to achieve required outcomes in all facets of project work are identified and implemented
- 2 Manage RE project**
- 2.1 WHS/OHS policies, procedures and programs are implemented and monitored
 - 2.2 Project risks are identified and strategies implemented to ensure outcomes achieved are in accordance with quality standards specified in the project plan and/or contract, safety requirements and workplace policies and procedures
 - 2.3 Equipment and personnel are coordinated, in accordance with project plan and requirements to achieve planned project outcomes
 - 2.4 Procurement processes and procedures are monitored to ensure on-time supply of plant and materials and in accordance with project plan and budget
 - 2.5 Project progress is monitored against schedule, quality requirements and budget
 - 2.6 Variations are managed in accordance with agreed processes and in accordance with the contract

- 2.7** Project records are maintained and progress reports written and provided to relevant person/s
- 3 Complete RE project**
- 3.1** Project outcomes are reviewed against original measures, implemented risk strategies, contract variations, safety record and budget
- 3.2** Project completion acceptance is sought from appropriate person/s and handover documented in accordance with workplace policies

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the UEE Electrotechnology Training Package Companion Volume Implementation Guide.

RE project must include:

- engagement and management of multiple internal and external stakeholders
- involve multiple:
 - technologies, or
 - solution elements, or
 - sites.

Unit Mapping Information

This unit replaces and is not equivalent to UEERE0042 Manage renewable energy (RE) projects.

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b8a8f136-5421-4ce1-92e0-2b50341431b6>