



Australian Government

UEERE0042 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.

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 Work health and safety (WHS)/occupational health and safety (OHS) processes and procedures for relevant work area are identified, interpreted and applied in accordance with workplace procedures
- 1.2 Project deliverables and budget are identified from project planning and other relevant documentation and discussions with appropriate person/s
- 1.3 Measurable outcomes are identified from project

planning and other relevant documentation to evaluate the project on completion

- 1.4** Plant, materials and skills required to achieve project outcome/s are identified from project planning and other relevant documentation
 - 1.5** Processes and procedures are developed for managing contract variations from discussions with relevant person/s and in accordance with contractual agreement
- 2 Manage RE project**
- 2.1** WHS/OHS policies, procedures and programs are implemented and monitored
 - 2.2** Project tasks/outcomes are delegated to project personnel with required competence
 - 2.3** Project risks are identified and strategies implemented to ensure outcomes achieved are in accordance with quality standards specified in the contract, safety requirements and workplace policies and procedures
 - 2.4** Procurement processes and procedures are monitored to ensure on-time supply of plant and materials and in accordance with workplace policies
 - 2.5** Project progress is monitored against schedule, quality requirements and budget
 - 2.6** Conflicts at worksite and between stakeholders, clients and regulators are identified and managed in accordance with workplace policies
 - 2.7** Variations are managed in accordance with agreed processes and in accordance with the contract
 - 2.8** 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 plan, 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.

Managing a RE project must include:

- an industry accepted medium-sized RE project

Unit Mapping Information

This unit replaces and is equivalent to UEENEEK121A 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>