



Australian Government

UEERE0085 Plan 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 UEERE0044 Plan 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 plan a renewable energy (RE) project.

It includes determining project requirements then developing and obtaining approval for a RE project plan.

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 RE project requirements

PERFORMANCE CRITERIA

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

1.1 Scope of the project is determined from relevant documentation and consultation with relevant person/s

- 1.2 Appropriate project planning tools, relevant standard enterprise project planning processes/techniques, any budgetary limitations and required project development cycle requirements and timeframes are identified
 - 1.3 Relevant work health and safety (WHS)/occupational health and safety (OHS) processes and procedures are identified
 - 1.4 Resources and stakeholders, and scope and scale of effort, required for RE project are identified
- 2 Develop RE project plan**
 - 2.1 Estimated plant, material, labour, lifecycle, and other costs are obtained from relevant person/s in accordance with workplace policies and procedures
 - 2.2 Project budget is established from estimated plant, material, labour and other costs in accordance with workplace policies and procedures
 - 2.3 Critical path analysis is applied to project planning
 - 2.4 Sources and availability of materials, and human resources for the project are identified and engaged, in accordance with workplace policies and procedures
 - 2.5 Technical specifications are prepared to meet project requirements and timeframes
 - 2.6 Agreements with service providers and stakeholders are established in accordance with project budget, timeframes and requirements
 - 2.7 Areas for potential overrun and resource complications are identified and are assessed for risks, in accordance with workplace procedures and project requirements
 - 2.8 An integrated overview plan, including proposed performance measures is prepared and distributed for review by stakeholders
 - 2.9 Project plan is reviewed against all inputs and adjusted to rectify any anomalies
 - 2.10 Project plan is documented in accordance with workplace procedures and project requirements
- 3 Obtain approval for project plan**
 - 3.1 Project plan is presented and discussed with relevant person/s

- 3.2 Alterations to the project plan resulting from the presentation/discussion are negotiated with relevant person/s within constraints of workplace policies
- 3.3 Final project plan is documented, and approval obtained from relevant person/s

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 UEERE0044 Plan 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>