



Australian Government

UEERE0044 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.

Application

This unit involves the skills and knowledge required to plan a renewable energy (RE) project.

It includes preparing to plan a project, developing a RE project plan proposal and obtaining approval for a 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 Prepare to plan 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 Relevant techniques for project planning are reviewed and applied in accordance with workplace policies

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| | 1.3 | Scope of the project is determined from design brief specification and/or other relevant documentation and discussions with relevant person/s |
| 2 Develop RE project plan proposal | 2.1 | Estimated plant, material, labour 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 developing workflow strategies |
| | 2.4 | Sources and availability of materials and human resources for the project are identified in accordance with workplace policies and procedures |
| | 2.5 | Risk management strategies are identified, obtained and applied in the project plan |
| | 2.6 | Project plan is reviewed against all inputs and adjusted to rectify any anomalies |
| | 2.7 | Project plan proposal is documented in accordance with workplace policies and procedures |
| 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.

Unit Mapping Information

This unit replaces and is equivalent to UEENEEK122A 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>