



**Australian Government**

# **UEPOPS520 Evaluate cost estimations and initiate appropriate solutions**

**Release: 1**

# UEPOPS520 Evaluate cost estimations and initiate appropriate solutions

## Modification History

**Release 1.** This is the first release of this unit of competency in the UEP Generation Training Package.

## Application

This unit involves the skills and knowledge required to evaluate estimated costs for planned and forced power generation plant outages (either a single item or whole unit) and to initiate appropriate solutions.

An outage is when power generation plant and/or equipment is not available to perform its intended function. Forced outage is the shutdown of power generation plant, equipment or a power generation facility when a generating unit is unavailable to produce power due to an unexpected breakdown.

Competency in this unit requires the ability to evaluate work details, identify costs, develop solutions and complete documentation. Individuals will, in general, work under supervision, in a power generation facility as an operator with responsibility for maintenance budgets.

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

### Note: Workplace practice

The application of the skills and knowledge described in this unit may require a licence or training permit to practice in the workplace where work is carried out on gas and electrical installations. Additional conditions may apply under state and territory legislative and regulatory licensing requirements.

## Pre-requisite Unit

UEENECC005B Estimate electrotechnology projects

## Competency Field

Operations

## Unit Sector

Electricity generation

## Elements and Performance Criteria

### ELEMENTS

### PERFORMANCE CRITERIA

Elements describe the essential outcomes.

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

#### 1 Evaluate work details

1.1 Power generation plant outage work plan and methods are evaluated, in accordance with workplace procedures

1.2 Time frames for power generation plant outage work is identified, in accordance with workplace procedures

1.3 Details of materials, equipment, specialist services and contractual provisions are identified, in accordance with workplace procedures

1.4 Specific disposal requirements are evaluated, in accordance with workplace procedures

#### 2 Identify costs

2.1 Costs associated with the planned and forced outages are evaluated, in accordance with workplace procedures

2.2 Previous planned and forced outages are analysed, in accordance with workplace procedures, to determine problems

#### 3 Develop solutions

3.1 Potential solutions to limit time frame and budget over runs are identified, in accordance with workplace procedures

3.2 Potential variations in planned and forced outages scope of work are identified, in accordance with workplace procedures, and solutions are developed

#### 4 Complete documentation

4.1 Evaluation report is produced, in accordance with workplace procedures

4.2 Possible increases in budget are documented, in accordance with workplace procedures

## 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 Companion Volume Implementation Guide.

## Unit Mapping Information

This unit replaces and is equivalent to UEPOPS520A Evaluate cost estimations and initiate appropriate solutions.

## Links

Companion Volume implementation guides are found in VETNet -  
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1715b9fa-e7bd-441c-bb8d-cf22c9c825a8>