



**Australian Government**

# **UEPOPS038 Evaluate cost estimations and initiate appropriate solutions**

**Release: 1**

# UEPOPS038 Evaluate cost estimations and initiate appropriate solutions

## Modification History

Release 1. This is the first release of this unit of competency in the UEP Electricity Supply Industry - Generation Sector Training Package Release 2.0.

## 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 equipment is not available to perform 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.

## Pre-requisite Unit

UEECO0001 Estimate electrotechnology projects

## Competency Field

Operations

## Unit Sector

Electricity generation

## Elements and Performance Criteria

### ELEMENTS

### PERFORMANCE CRITERIA

Elements describe the essential Performance criteria describe the performance needed to

outcomes.

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** Work health and safety (WHS)/occupational health and safety (OHS) regulations, legislative requirements, codes of practice, manufacturers' recommendations and specifications, environmental requirements and workplace procedures are identified, applied and monitored
- 1.3** Timeframes for power generation plant outage work are identified in accordance with workplace procedures
- 1.4** Details of materials, equipment, specialist services and contractual provisions are identified in accordance with workplace procedures
- 1.5** 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 to determine problems in accordance with workplace procedures

## **3 Develop solutions**

- 3.1** Potential solutions to limit timeframe 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 and solutions are developed in accordance with workplace procedures

## **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 UEP Electricity Supply Industry - Generation Sector Training Package Companion Volume Implementation Guide.

## Unit Mapping Information

This unit replaces and is equivalent to UEPOPS520 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>