



Australian Government

UEPOPS126 Plan a scheduled outage

Release: 1

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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 plan for a scheduled outage of power generating plant.

A schedule is a plan of action detailing a series of tasks to be undertaken at or during a specified time. A forced outage is the shutdown of generation facility, transmission or distribution line when a generating unit is unavailable to produce power due to an unexpected breakdown.

Competency in this unit requires the ability to identify outage requirements, create outage plans, implement outage plans and complete documentation. Individuals will, in general, work as an operator with responsibility for quality control, in a power generation facility.

Power generation plant operators are trained and authorised to isolate, prepare plant and issue permits to work.

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

Pre-requisite Unit

There are no prerequisite units

Competency Field

Operations

Unit Sector

Electricity generation

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

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

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|---------------------------------------|--|
| 1 Identify outage requirements | <ul style="list-style-type: none">1.1 Work requirements are identified from relevant personnel and site inspection in accordance with workplace procedures1.2 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 monitored1.3 Date, time and expected duration of outage is assessed and confirmed from relevant information and statistical records in accordance with workplace procedures1.4 Schematic diagrams, drawings, plans or maps are consulted to determine area affected by outage in accordance with workplace procedures |
| 2 Create outage plan | <ul style="list-style-type: none">2.1 Impact of outage is ascertained in accordance with workplace procedures2.2 Key stakeholders and equipment affected by outage are identified in accordance with workplace procedures2.3 Status of plant and consumers affected by outage is identified and assessed in accordance with workplace procedures2.4 Key stakeholders are consulted to determine timetable and contingency plan in accordance with workplace procedures2.5 Disruptions to key consumers are minimised by providing alternative routes of power generation supply in accordance with workplace procedures2.6 Scope of work to be carried out during outage is evaluated against allocated timeframes in accordance with workplace procedures2.7 Work permits required prior to and during outage are obtained in accordance with workplace procedures |
| 3 Implement outage plan | <ul style="list-style-type: none">3.1 Work crews are notified of outage plan through the relevant channels in accordance with workplace procedures |

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| | 3.2 | Notification of outage is communicated to all stakeholders in accordance with workplace procedures |
| 4 Complete documentation | 4.1 | Records are maintained in accordance with workplace procedures |
| | 4.2 | Documentation is updated 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 UEPOPS423 Plan a scheduled outage.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1715b9fa-e7bd-441c-bb8d-cf22c9c825a8>