



Australian Government

**Assessment Requirements for MSS405089
Develop a business case for improved
energy management**

Release: 1

Assessment Requirements for MSS405089 Develop a business case for improved energy management

Modification History

Release 1. New unit.

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and:

- developed a business case for improved energy management for 1 organisation, area of operation or process that includes:
 - consideration of capital, personnel, financial and time-related costs and their impact on other resources
 - the following types of financial modelling:
 - Return on Investment (ROI) (simple payback)
 - cost–benefit analysis
 - whole of life costing.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- effective business case development:
 - principles
 - process
 - format and structure
 - key components
- components of an energy management action plan and requirements of ISO 50001 Energy Management Systems
- key stakeholders involved in energy management
- operation of the energy system, including current and emerging technologies:
 - ways to procure energy
 - how energy is charged
 - electricity grids and how they work
 - relationship between equipment, processes and opportunities
- current and emerging investment decision-making technologies
- types of benefits from different initiatives
- methods of quantifying and articulating benefits across the life cycle
- concept of capital versus operational improvements
- regulatory environment and requirements

- risk considerations of action and inaction
- financial modelling for business case development, including
 - Return on Investment (ROI)
 - cost–benefit analysis
 - costing methods for capital, personnel, financial and time related costs
 - whole-of-life costing processes
- broader business capabilities required to implement energy management initiatives
- presentation methodologies and their key features
- types of approval processes required for implementation.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - action plan on which to base business case
 - information about organisation operations, including financial data
 - current and relevant information technology.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

MSS Sustainability Companion Volume Implementation Guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5b04f318-804f-4dc0-9463-c3fb9a3fe998>