

# Open Awards Qualification Unit



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## 1 Unit Details

Unit Title:	Principles of Renewable Energy
Unit Reference Number:	D/506/4386
Level:	Level 1
Credit Value:	1
Minimum GLH:	7

## 2 Learning Outcomes and Criteria

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Know the range of domestic renewable technologies which produce energy	1.1 Define the term 'renewable energy'
	1.2 State the natural resources which produce renewable energy
	1.3 Identify types of renewable technologies which produce electricity
	1.4 Identify the basic components of a renewable electricity system
2. Know the factors to consider before installing renewable energy technology for electricity	2.1 State the factors that affect the choice of solar photovoltaic technology, sited on the roof of a dwelling
	2.2 State the factors that affect the choice of wind power technology, sited on or in the ground
	2.3 State the factors that affect the choice of technology based on water