

## Energy Management

### Module Information

2022.01, Approved

#### Summary Information

Module Code	7454BEPG
Formal Module Title	Energy Management
Owning School	Civil Engineering and Built Environment
Career	Postgraduate Taught
Credits	20
Academic level	FHEQ Level 7
Grading Schema	50

#### Teaching Responsibility

LJMU Schools involved in Delivery
Civil Engineering and Built Environment

#### Learning Methods

Learning Method Type	Hours
Lecture	33

#### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-CTY	CTY	January	12 Weeks

#### Aims and Outcomes

Aims	This module provides an understanding of the fundamental commercial and management diversity of the renewables/sustainable low-carbon energies portfolio. It also examines the business opportunities of low-carbon energies including the industry structure, market framework, energy policies, risk management and technologies.
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**After completing the module the student should be able to:**

## Learning Outcomes

Code	Number	Description
MLO1	1	Critically analyse the key issues pertaining to renewable and sustainable energy.
MLO2	2	Critically assess the objectives of renewable energy management and the political, regulatory and fiscal drivers.
MLO3	3	Critically evaluate the renewable energy market framework.
MLO4	4	Critically analyse and evaluate the applications of alternative sources of renewable energies.

## Module Content

Outline Syllabus	The module will cover a range of topics in the following areas: global issues and energy, renewable energy value chain, national and international energy policy frameworks, challenges facing the sector, risks and uncertainty associates with the sector, key players in the renewable energy sector, planning issues for energy infrastructure, contractual and commercial arrangements.
Module Overview	
Additional Information	This module will examine aspects of the renewable/sustainable energy sector considering the future challenges within this global market.

## Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Portfolio	Portfolio Case Study Related	100	0	MLO1, MLO2, MLO3, MLO4

## Module Contacts

### Module Leader

Contact Name	Applies to all offerings	Offerings
Mohan Siriwardena	Yes	N/A

### Partner Module Team

Contact Name	Applies to all offerings	Offerings
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