



AWDURDOD  
CYMHWYSTERAU,  
CWRICWYLWM AC ASESU  
CYMRU  
QUALIFICATIONS,  
CURRICULUM &  
ASSESSMENT AUTHORITY  
FOR WALES



**Edexcel**  
Success through qualifications

# Key skills communication Level 3 - Wind energy

Tuesday 16 November 2004

## Question Paper

### YOU NEED

- This question paper
- The source booklet
- An answer booklet
- A pen with black or blue ink

You may NOT use a dictionary

---

Do NOT open this paper until you are told to do so by the supervisor

### THERE ARE TWO PARTS TO THIS TEST

Part A (total 25 marks) consists of 4 short-answer questions

Part B (total 25 marks) consists of 1 extended-answer question

Total marks available: 50

Try to answer ALL the questions

YOU HAVE 1 HOUR 30 MINUTES INCLUDING READING TIME

---

### INSTRUCTIONS

- Make sure your personal details are entered correctly in the answer booklet
- Read each question carefully
- If you use extra paper, make sure that it has your name and candidate number on it and is securely attached to your answer booklet
- At the end of the test, hand your answer booklet, the question paper, the source booklet and all notes to the supervisor

---

**REMEMBER: YOU HAVE 1 HOUR 30 MINUTES TO FINISH THE TEST**

---

First published in 2004.

© Qualifications and Curriculum Authority 2004.

Reproduction, storage, adaptation or translation, in any form or by any means, of this publication is prohibited without prior written permission of the publisher, unless within the terms of licences issued by the Copyright Licensing Agency.

Printed in Great Britain.

The Qualifications and Curriculum Authority is an exempt charity under Schedule 2 of the Charities Act 1993.

Qualifications and Curriculum Authority, 83 Piccadilly, London W1J 8QA. [www.qca.org.uk](http://www.qca.org.uk)

Ref: Com/L3/2.2/P5

## **Part A - Short-answer questions**

Read documents 1 to 3 and then answer the questions that follow

Document 1 Wind Energy. European Wind Energy Association, 2001

Document 2 'New Nukes or Wind Farms?', The Economist, 16 February 2002

Document 3 'Something in the Wind', The Sunday Times, 20 January 2002

In this section you will be given marks for:

- identifying accurately, and comparing, the lines of reasoning and main points from the documents
- synthesising the key information in a form that is relevant to the purpose

1 Using the information in Documents 1, 2 and 3, identify **three** different reasons, one from each document, why Britain is a suitable place for the development of wind farms.

**4 marks**

2 Using information from Documents 1 and 2, identify **three** main points about the relationship between wind energy and the environment. Assess to what extent wind energy is an appropriate response to concerns about the environment and global warming.

**7 marks**

3 Explain to what extent the photographic image (image 1) in Document 1 supports the arguments put forward in the text of Document 1 and explain to what extent the image in Document 2 (image 2) supports the arguments put forward in the text of Document 2.

**6 marks**

4 Identify **three** reasons why the homeowners in Document 3 are unhappy about wind farms. Assess to what extent the arguments in favour of wind power in Documents 1 and 3 are valid, explaining which arguments could be used to try to change the minds of homeowners.

**8 marks**

**Please go on to the next page**

## Part B - Extended-answer question

In this section you will be given marks for:

- using a format and style of writing that is appropriate to the purpose
- organising the relevant information from all three documents clearly and coherently
- using your own words and specialist vocabulary where appropriate
- writing legibly using accurate spelling, punctuation and grammar

- 5 The Energy Research Council (ERC) has commissioned you to write a report on the differences between traditional energy production and wind power.

Using information from all three documents, write a structured report for the ERC in which you look at the impact of traditional energy production (nuclear and fossil fuels) and wind power on the environment, the economy, and on public perception.

Make recommendations about the future development of wind power as an alternative energy source in this country.

**25 marks**

# End of test